LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YE631

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.668	94	99	113	rBV	243482	430492	1.35%	0.379%
2	5.448	397	402	413	rVV	106858	232387	0.73%	0.205%
3	5.819	458	465	474	rVB2	164346	276386	0.87%	0.243%
4	6.435	561	570	573	rVV8	92781	221496	0.69%	0.195%
5	6.794	626	631	635	rVB4	111037	186553	0.59%	0.164%
6	6.941	651	656	660	rBV5	194819	417403	1.31%	0.367%
7	7.129	683	688	693	rVV2	279186	456428	1.43%	0.402%
8	7.282	711	714	718	rVV3	138726	219627	0.69%	0.193%
9	7.334	718	723	733	rVB3	273507	527106	1.65%	0.464%
10	7.423	733	738	749	rVB2	605006	1376716	4.32%	1.212%
11	7.699	778	785	787	rBV4	105368	178754	0.56%	0.157%
12	7.787	793	800	809	rVV3	466151	1158199	3.63%	1.019%
13	7.916	817	822	828	rBV2	224505	456232	1.43%	0.402%
14	7.981	828	833	837	rVV3	103032	188455	0.59%	0.166%
15	8.022	837	840	844	rVV4	124033	193676	0.61%	0.170%
16	8.081	847	850	856	rVV2	148342	263135	0.83%	0.232%
17	8.145	857	861	868	rVB7	86722	185122	0.58%	0.163%
18	8.339	888	894	900	rBV6	207778	450084	1.41%	0.396%
19	8.433	905	910	913	rBV2	156655	291057	0.91%	0.256%
20	8.515	919	924	928	rBV	332815	502429	1.58%	0.442%
21	8.574	928	934	940	rVV3	380006	831172	2.61%	0.732%
22	8.674	946	951	960	rVB6	103270	264890	0.83%	0.233%
23	8.797	968	972	979	rVB2	92014	178369	0.56%	0.157%
24	8.897	979	989	994	rBV5	263059	668062	2.10%	0.588%
25	8.950	994	998	1006	rVV2	252055	585887	1.84%	0.516%
26	9.021	1006	1010	1020	rVB2	578712	1000817	3.14%	0.881%
27	9.138	1027	1030	1038	rVB4	140541	294108	0.92%	0.259%
28	9.220	1038	1044	1050	rBV8	82988	234703	0.74%	0.207%
29	9.502	1090	1092	1099	rVB3	128616	215725	0.68%	0.190%
30	9.673	1115	1121	1126	rBV3	231903	418365	1.31%	0.368%
31	9.773	1133	1138	1148	rBV4	475090	990087	3.11%	0.871%
32	9.949	1159	1168	1172	rBV	267041	552973	1.73%	0.487%
33	9.996	1172	1176	1179	rBV3	209637	340761	1.07%	0.300%
34	10.219	1209	1214	1222	rVB2	402896	737411	2.31%	0.649%
35	10.495	1244	1261	1268	rVV2	650779	2102620	6.60%	1.851%
36	10.584	1268	1276	1281	rVV2	628852	1577551	4.95%	1.388%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

37	10.642	1281	1286	1293	rVV2	761597	1421562	4.46%	1.251%
38	10.725	1293	1300	1309	rVV2	332058	941109	2.95%	0.828%
39	10.954	1333	1339	1350	rBV2	95454	212508	0.67%	0.187%
40	11.130	1364	1369	1377	rVB	139600	242063	0.76%	0.213%
41	11.424	1413	1419	1424	rBV	197579	351288	1.10%	0.309%
42	11.612	1445	1451	1461	rBV3	237661	491652	1.54%	0.433%
43	11.941	1500	1507	1511	rBV2	96455	184026	0.58%	0.162%
44	12.011	1514	1519	1529	rVB	283643	447301	1.40%	0.394%
45	12.246	1554	1559	1566	rVB3	172591	331351	1.04%	0.292%
46	12.370	1575	1580	1586	rBV2	96505	180174	0.57%	0.159%
47	12.470	1591	1597	1605	rVB	108232	197858	0.62%	0.174%
48	12.969	1676	1682	1688	rVV	230379	392579	1.23%	0.346%
49	13.175	1707	1717	1722	rBV	177631	322928	1.01%	0.284%
50	13.263	1725	1732	1740	rVV2	452272	814225	2.55%	0.717%
51	13.486	1762	1770	1778	rVB3	231155	446920	1.40%	0.393%
52	13.615	1784	1792	1802	rVB5	90200	260104	0.82%	0.229%
53	13.756	1810	1816	1821	rVV2	114655	219946	0.69%	0.194%
54	13.844	1827	1831	1836	rVB	633598	890489	2.79%	0.784%
55	13.921	1836	1844	1848	rBV2	246798	367675	1.15%	0.324%
56	14.132	1874	1880	1889	rVB	698913	1131094	3.55%	0.995%
57	14.338	1910	1915	1921	rBV	470518	624939	1.96%	0.550%
58	14.438	1923	1932	1938	rBV	966673	1588182	4.98%	1.398%
59	14.673	1963	1972	1976	rBV4	182230	399058	1.25%	0.351%
60	14.714	1976	1979	1987	rVB	134275	219477	0.69%	0.193%
61	14.843	1996	2001	2004	rBV3	116655	170320	0.53%	0.150%
62	14.884	2004	2008	2018	rVV3	261228	597044	1.87%	0.525%
63	14.961	2018	2021	2026	rVB3	116092	167662	0.53%	0.148%
64	15.296	2074	2078	2082	rVB	533236	654967	2.05%	0.576%
65	15.437	2092	2102	2107	rBV	866317	1340824	4.21%	1.180%
66	15.701	2142	2147	2156	rVB	393909	622189	1.95%	0.548%
67	15.795	2157	2163	2169	rVB	256095	453618	1.42%	0.399%
68	16.159	2220	2225	2227	rVV	721904	1055607	3.31%	0.929%
69	16.183	2227	2229	2234	rVB	845166	995782	3.12%	0.876%
70	16.459	2273	2276	2280	rBV3	110015	180079	0.56%	0.158%
71	16.624	2298	2304	2317	rBV	2064286	3715524	11.66%	3.270%
72	16.953	2356	2360	2364	rBV	666591	811714	2.55%	0.714%
73	17.005	2364	2369	2373	rBV	494427	710918	2.23%	0.626%
74	17.193	2395	2401	2406	rBV	1231787	1906833	5.98%	1.678%
75	17.235	2406	2408	2412	rVV	155087	183533	0.58%	0.162%
76	17.293	2413	2418	2428	rVB	1009276	1593685	5.00%	1.403%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Title : SVOA CALIBRATION

77	17.376	2428	2432	2437	rBV7	143456	287134	0.90%	0.253%
78	17.552	2458	2462	2468	rBV	677026	1094090	3.43%	0.963%
79	17.611	2469	2472	2479	rVV3	182593	316674	0.99%	0.279%
80	17.693	2481	2486	2490	rVV	698532	863317	2.71%	0.760%
81	17.910	2519	2523	2526	rBV3	170583	237342	0.74%	0.209%
82	18.151	2551	2564	2592	rBV	11258575	31877518	100.00%	28.056%
83	18.386	2600	2604	2608	rVB	678336	807227	2.53%	0.710%
84	19.021	2706	2712	2716	rBV2	701473	1051060	3.30%	0.925%
85	19.320	2754	2763	2772	rBV2	2389676	7313383	22.94%	6.437%
86	19.397	2772	2776	2794	rVB2	3115439	6793802	21.31%	5.979%
87	19.597	2805	2810	2815	rVB2	1657354	2255414	7.08%	1.985%
88	20.137	2898	2902	2906	rVB	603127	727470	2.28%	0.640%
89	20.366	2937	2941	2949	rBV5	429173	981001	3.08%	0.863%
90	20.566	2972	2975	2982	rVB	365712	463752	1.45%	0.408%
91	20.631	2982	2986	2997	rVB	663585	920949	2.89%	0.811%
92	21.112	3063	3068	3080	rVB3	780654	1516509	4.76%	1.335%
93	21.447	3120	3125	3135	rVB	1328231	2121436	6.65%	1.867%
94	21.629	3152	3156	3162	rVB	390223	578690	1.82%	0.509%
95	22.193	3248	3252	3258	rVB	329079	498420	1.56%	0.439%
96	22.840	3357	3362	3368	rVB	245203	438244	1.37%	0.386%
97	23.016	3386	3392	3400	rVB	629624	1180454	3.70%	1.039%
98	23.580	3484	3488	3495	rVB2	222941	389165	1.22%	0.343%
99	24.262	3596	3604	3614	rBV	574573	1384376	4.34%	1.218%
100	24.461	3630	3638	3652	rVB	912191	2480333	7.78%	2.183%

Sum of corrected areas: 113621805

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
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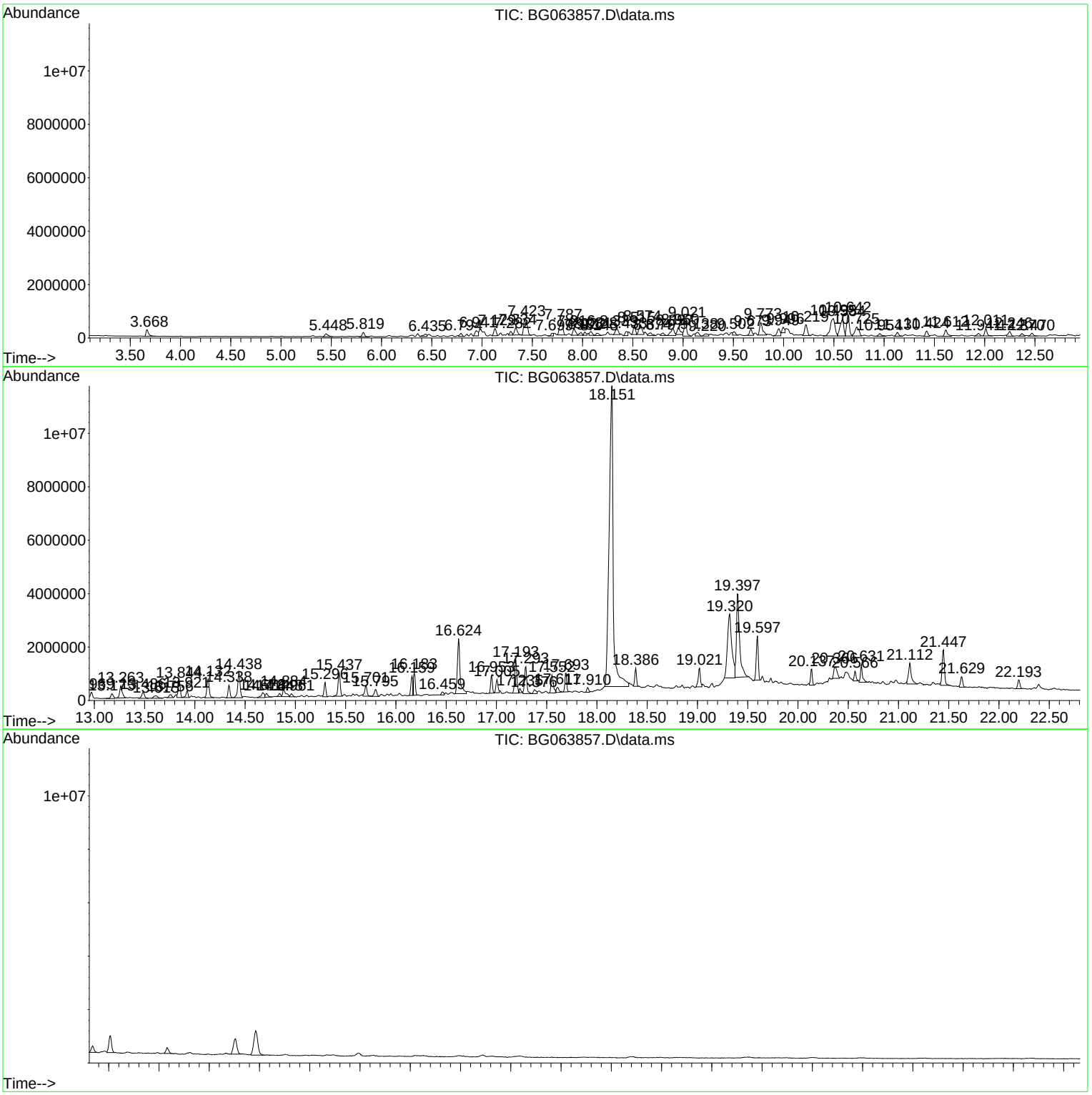
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

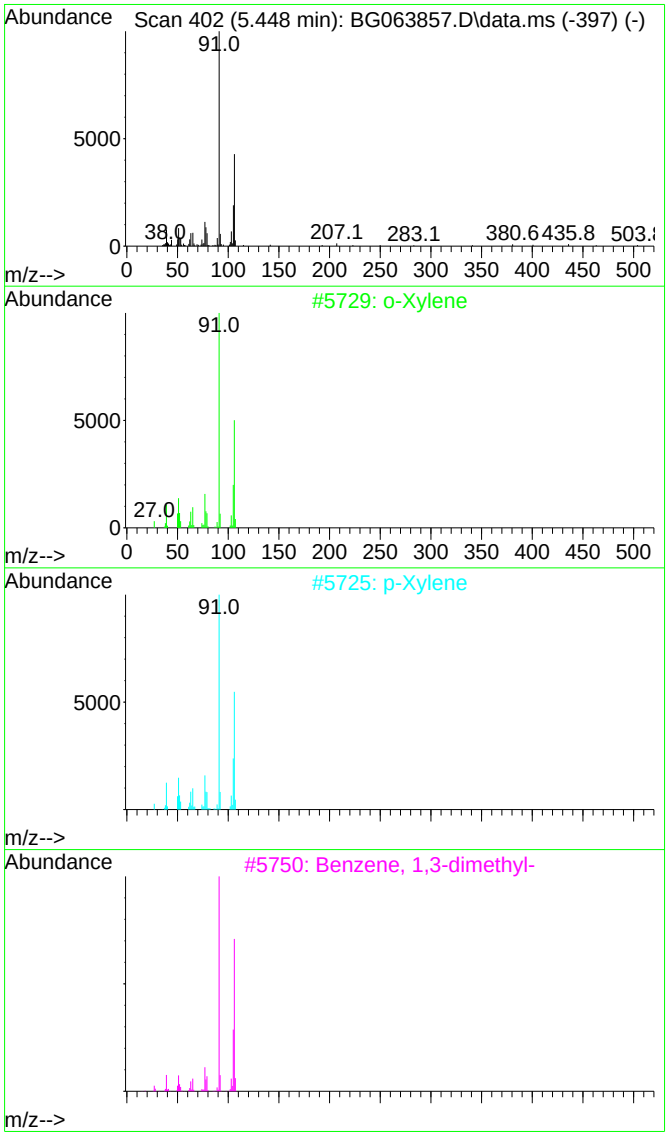
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

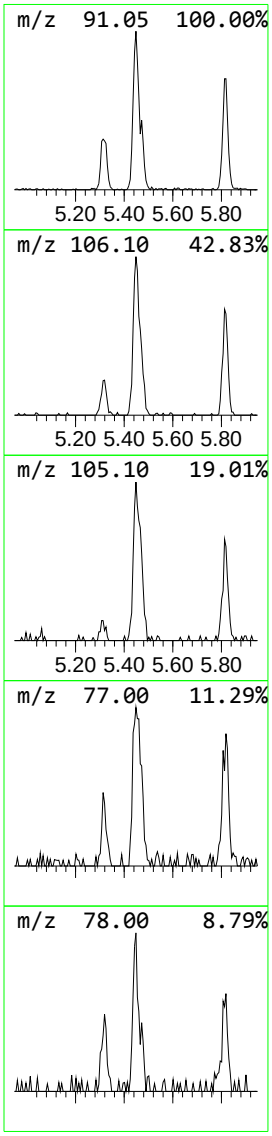
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 o-Xylene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.448	4.01 ng/ul	232387	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	87
2	p-Xylene	106	C8H10	000106-42-3	87
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

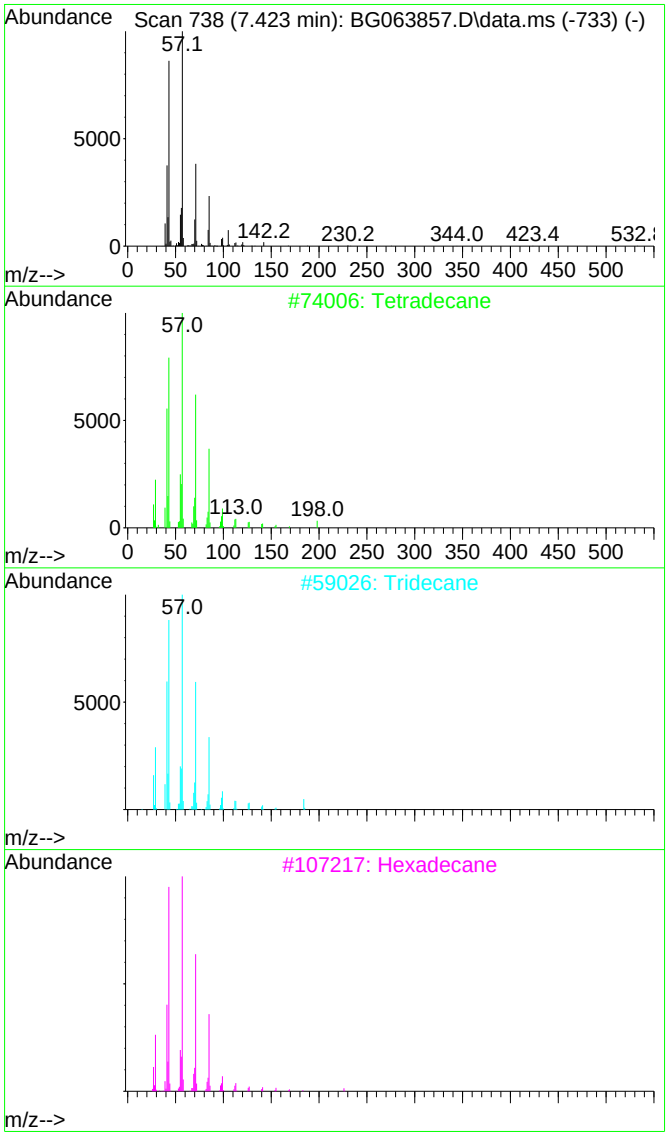
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

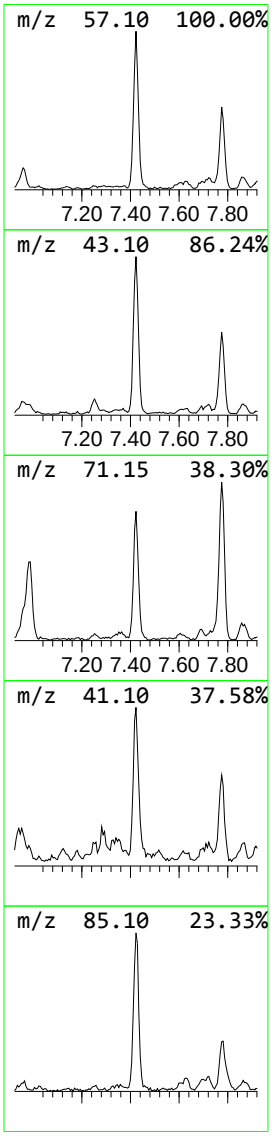
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.423	23.77 ng/ul	1376720	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

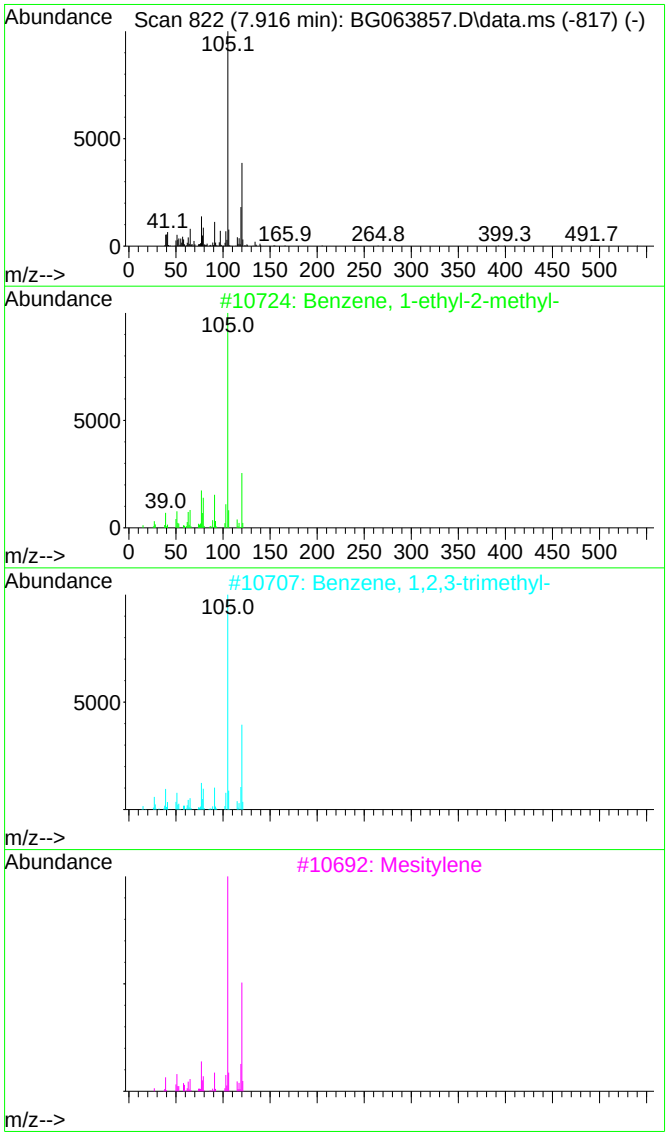
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

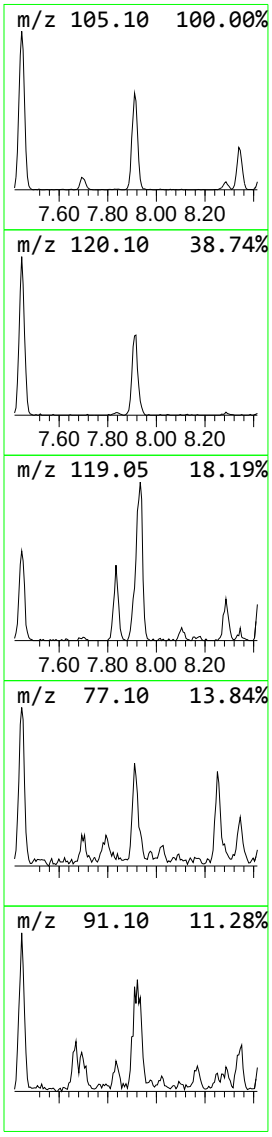
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	7.88 ng/ul	456232	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

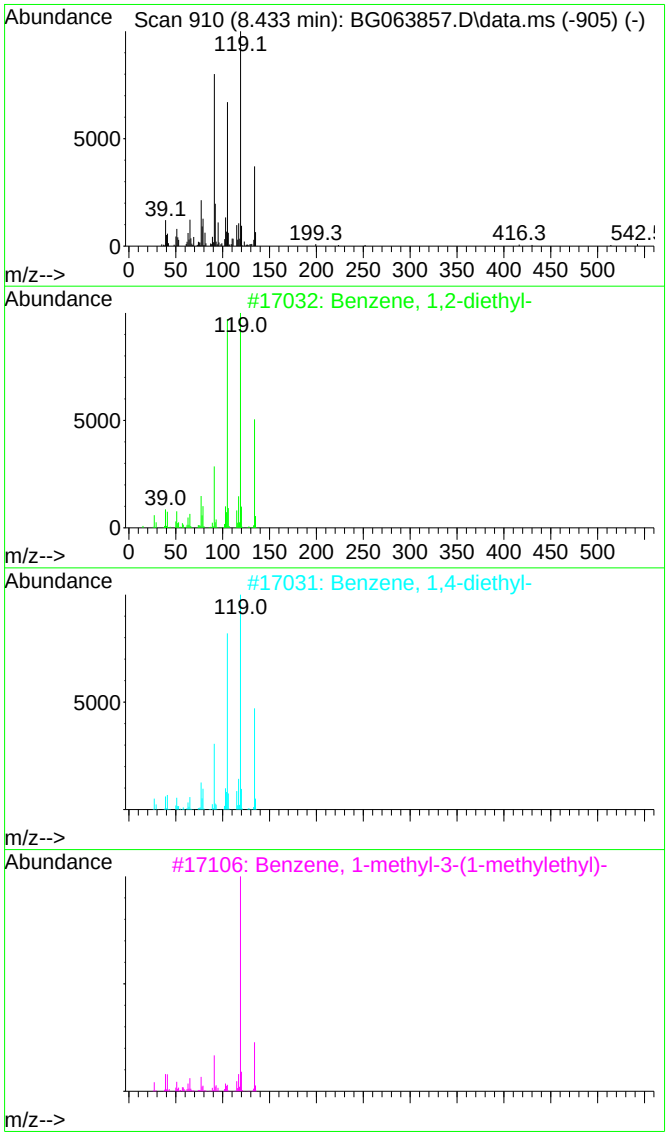
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

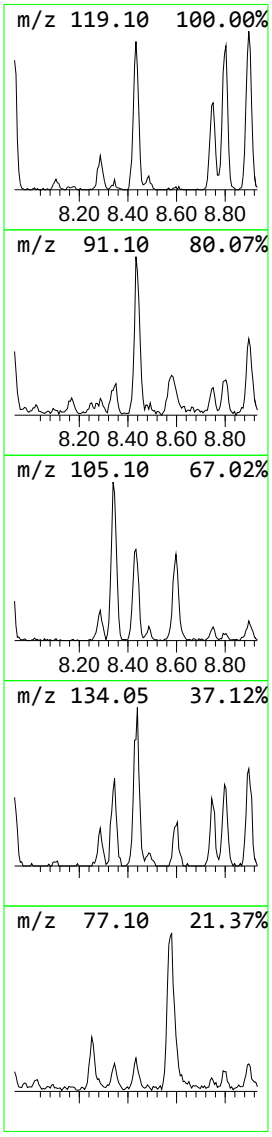
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	5.03 ng/ul	291057	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

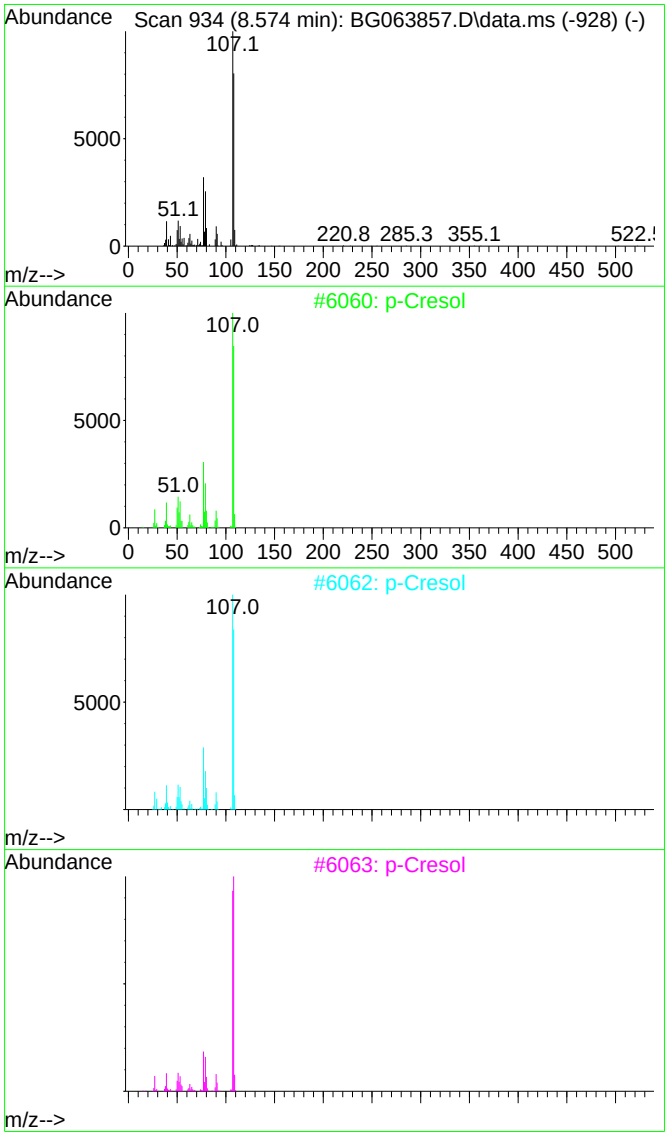
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

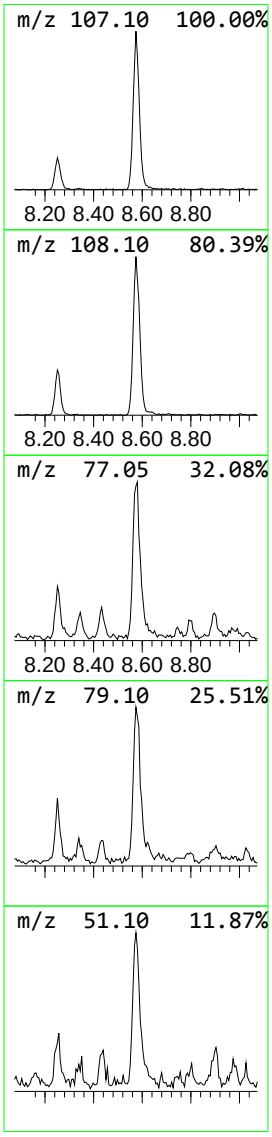
****

Peak Number 15 p-Cresol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.574	14.35 ng/ul	831172	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	96
2	p-Cresol	108	C7H8O	000106-44-5	93
3	p-Cresol	108	C7H8O	000106-44-5	90
4	p-Cresol	108	C7H8O	000106-44-5	90
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	81





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

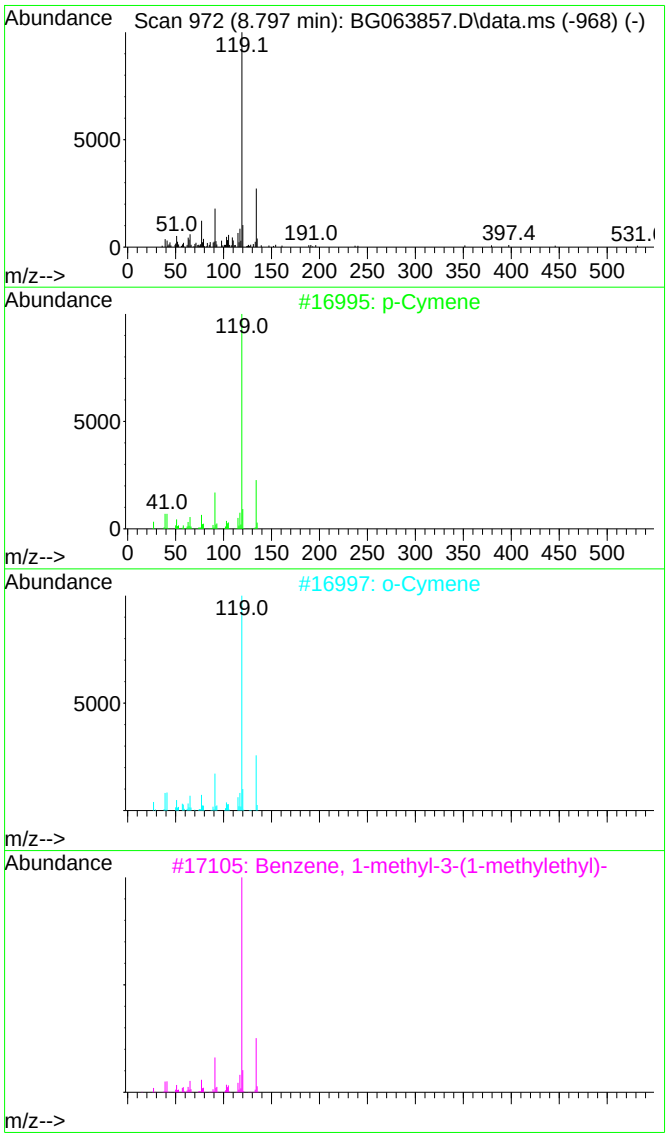
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

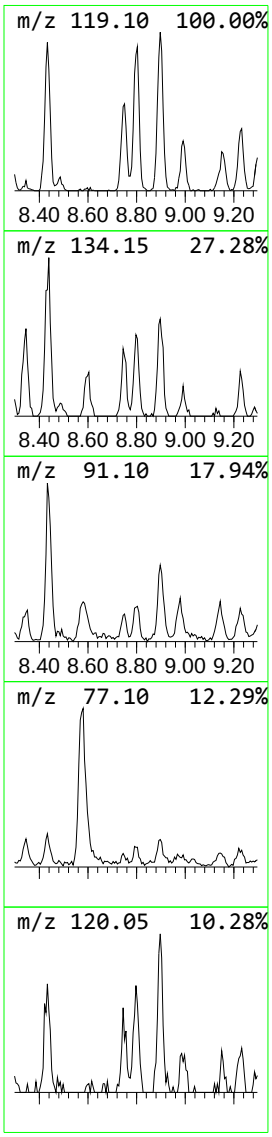
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 p-Cymene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.797	3.08 ng/ul	178369	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

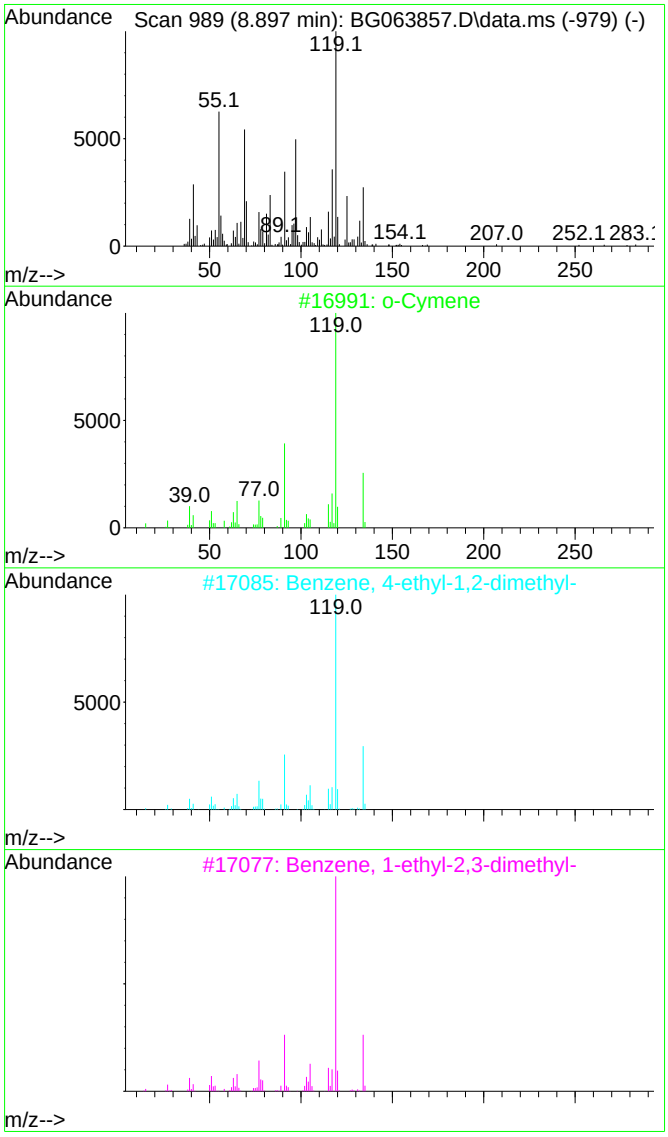
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

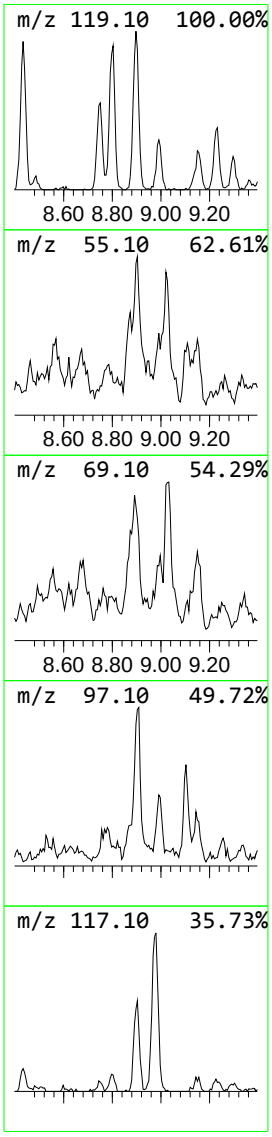
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.897	11.54 ng/ul	668062	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	86
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
5	p-Cymene	134	C10H14	000099-87-6	50





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

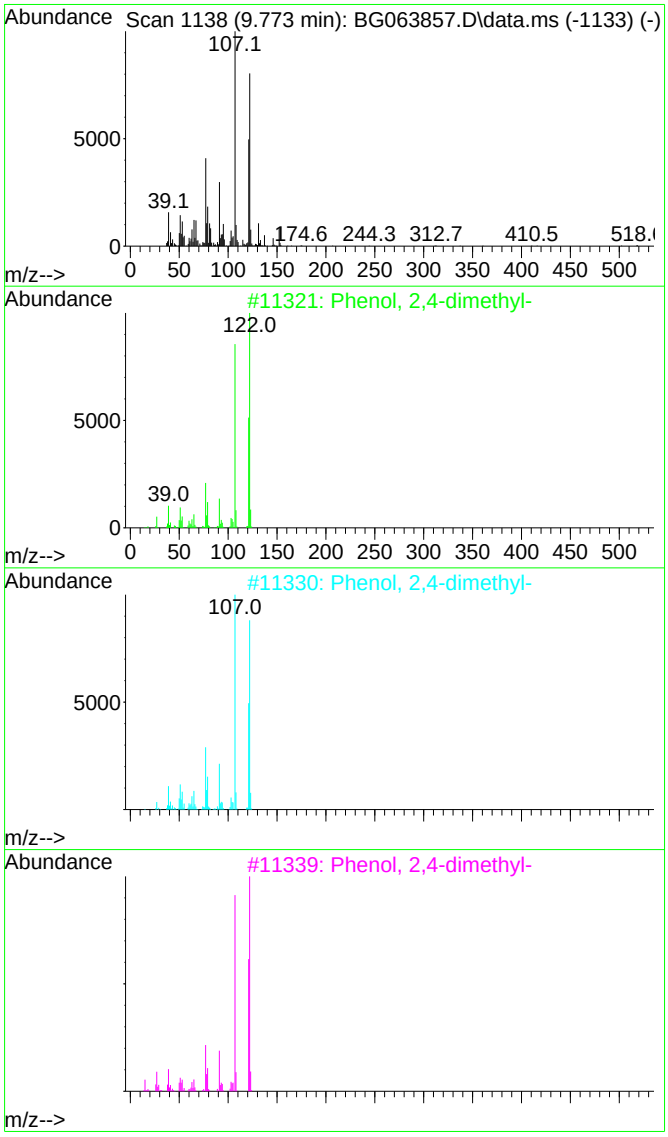
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

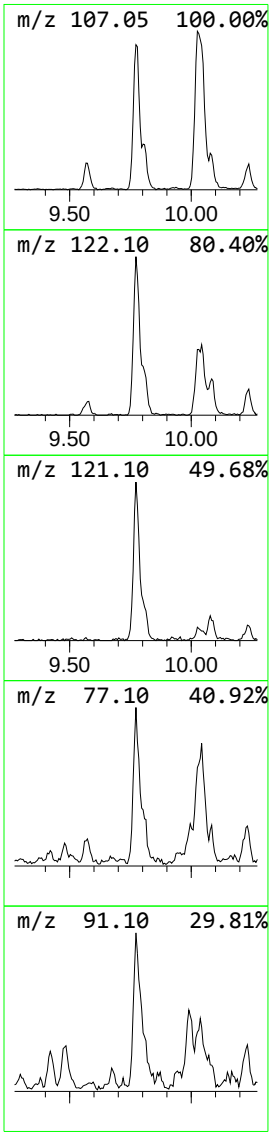
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.773	12.55 ng/ul	990087	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	95
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

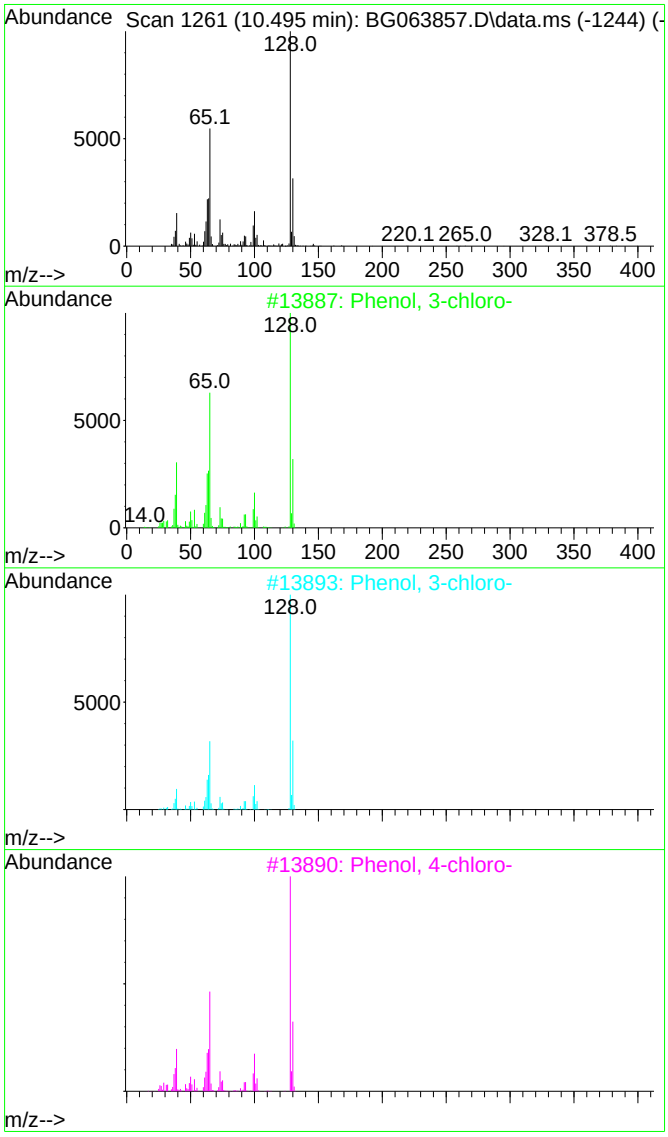
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

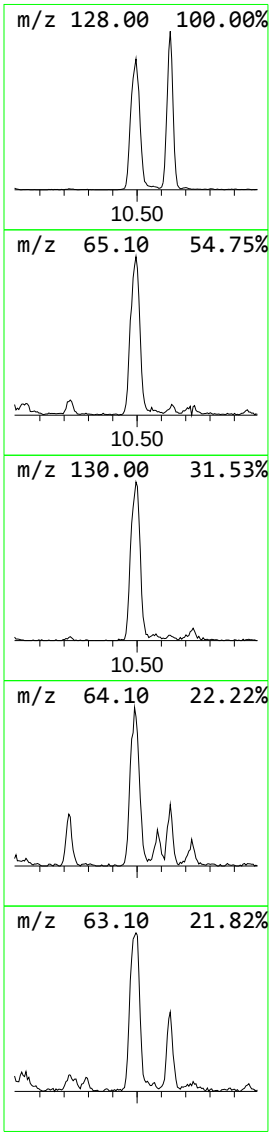
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenol, 3-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.495	26.66 ng/ul	2102620	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	98
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	97
3	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	97
4	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	96
5	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	95





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Acq On : 27 Dec 2024 5:32
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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

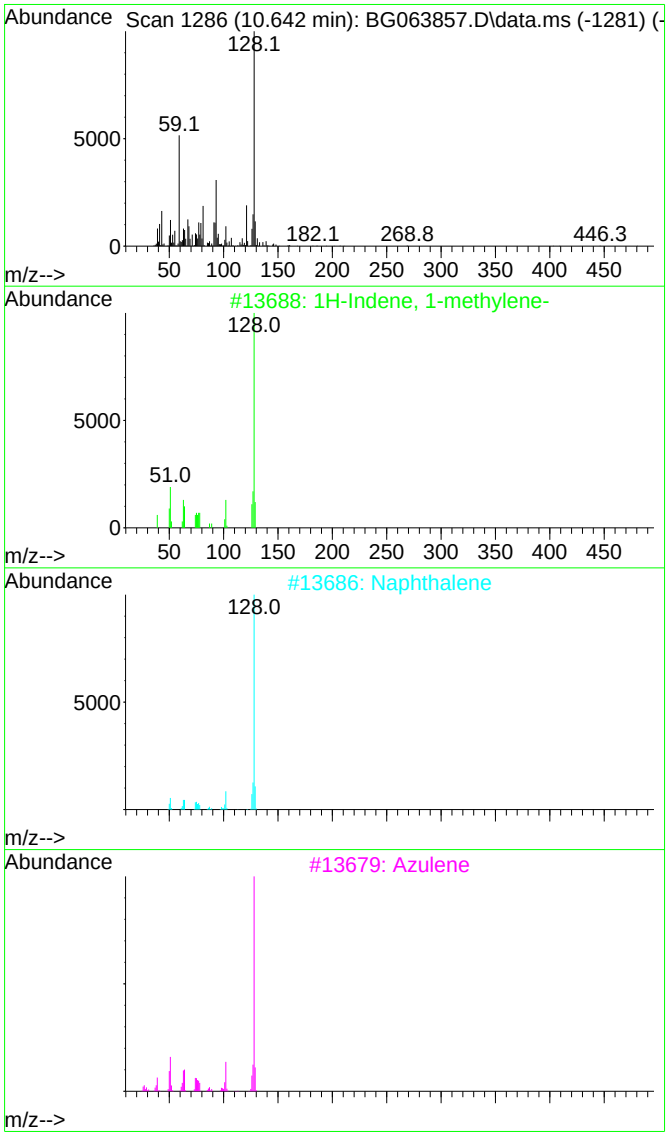
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

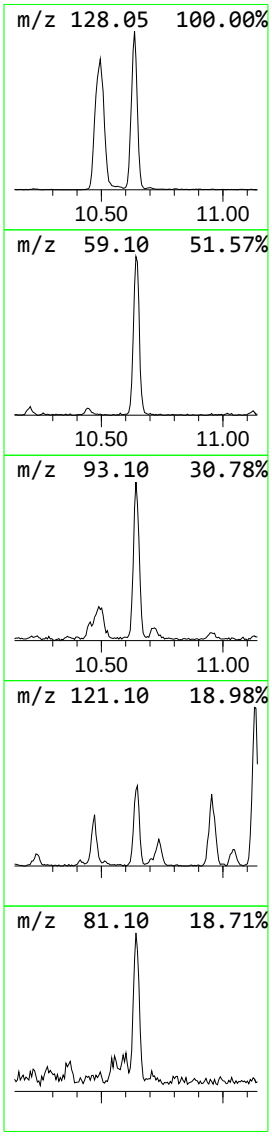
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-methylene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.642	18.02 ng/ul	1421560	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
2	Naphthalene	128	C10H8	000091-20-3	70
3	Azulene	128	C10H8	000275-51-4	55
4	Naphthalene	128	C10H8	000091-20-3	55
5	Naphthalene	128	C10H8	000091-20-3	55





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

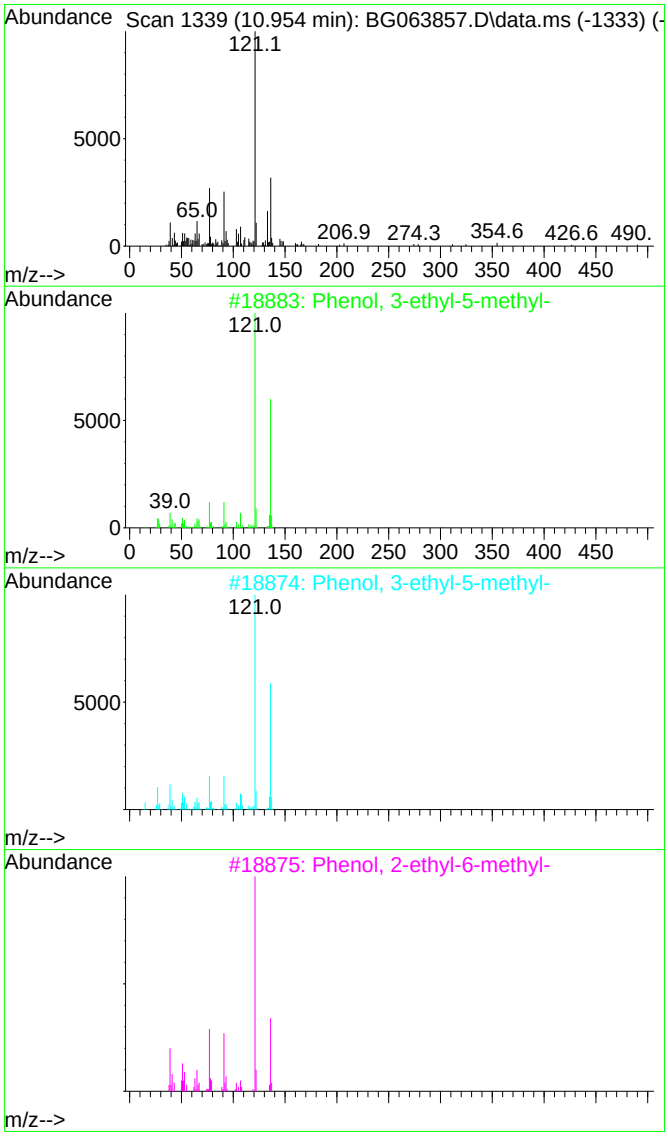
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

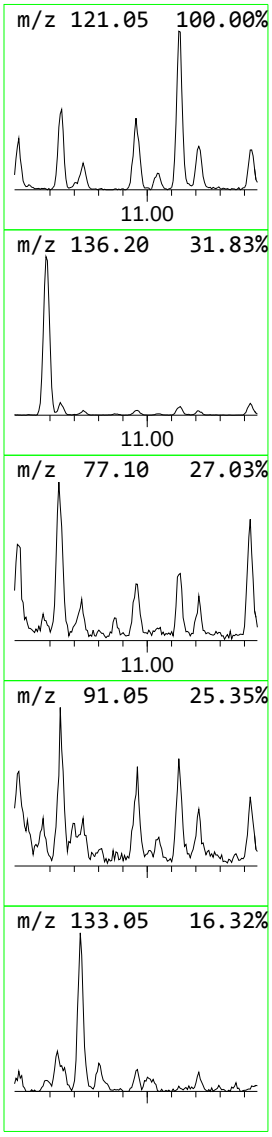
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenol, 3-ethyl-5-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.954	2.69 ng/ul	212508	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	83
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	81





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

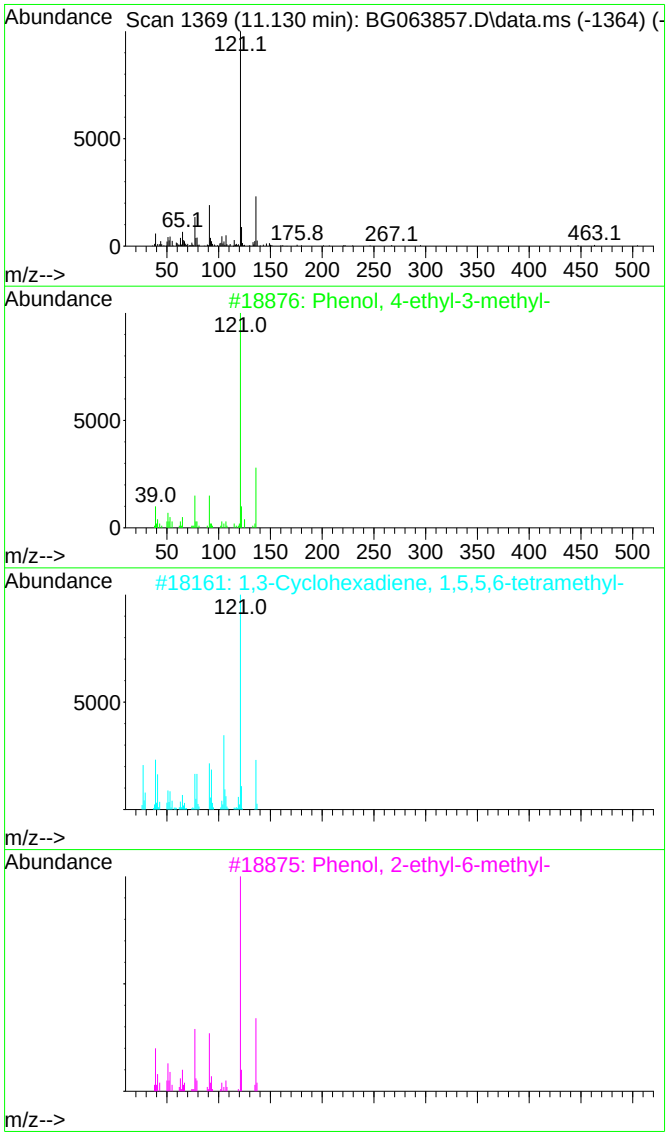
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

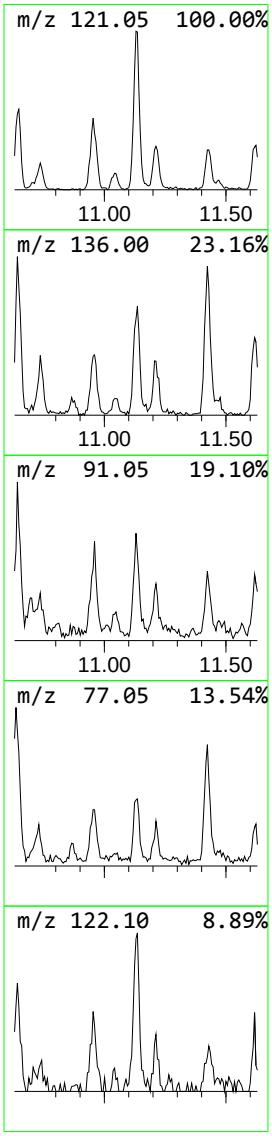
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenol, 4-ethyl-3-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.130	3.07 ng/ul	242063	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	90
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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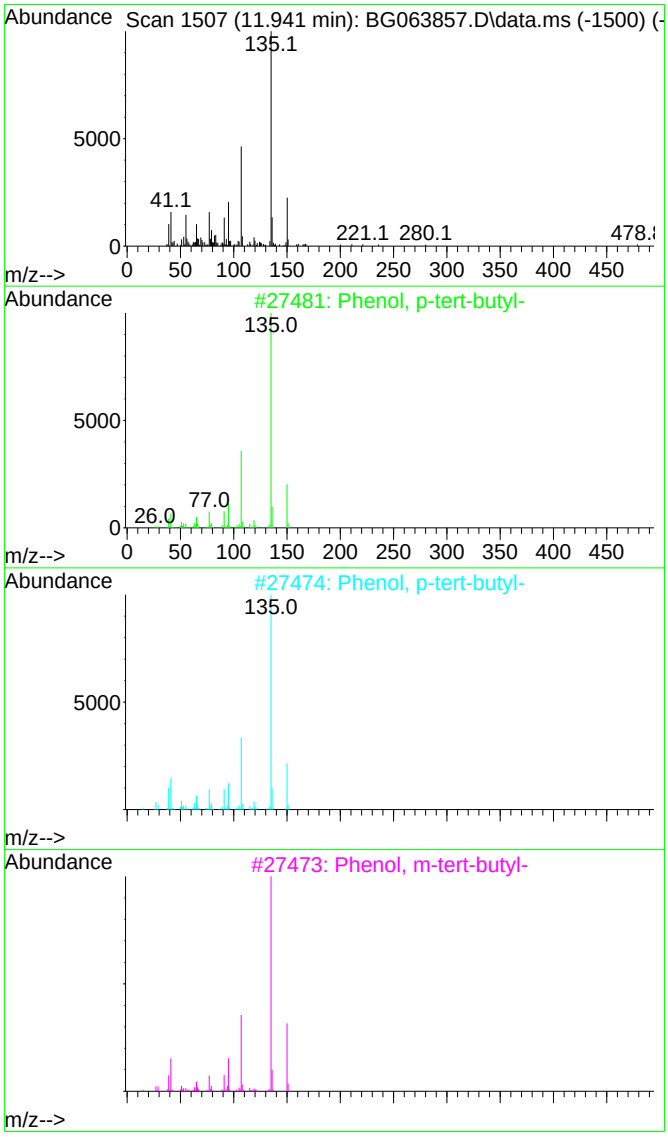
Quant Title : SVOA CALIBRATION

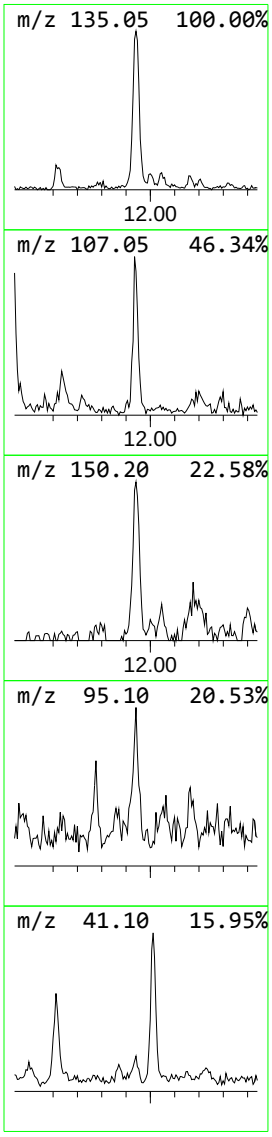
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Phenol, p-tert-butyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.941	2.33 ng/ul	184026	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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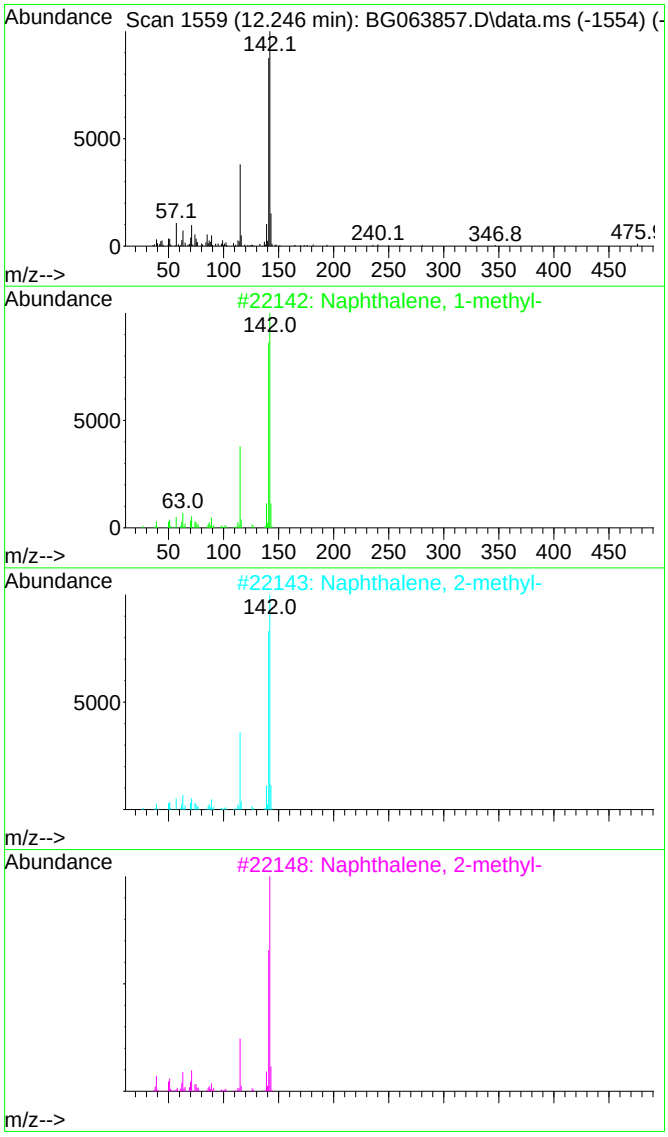
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

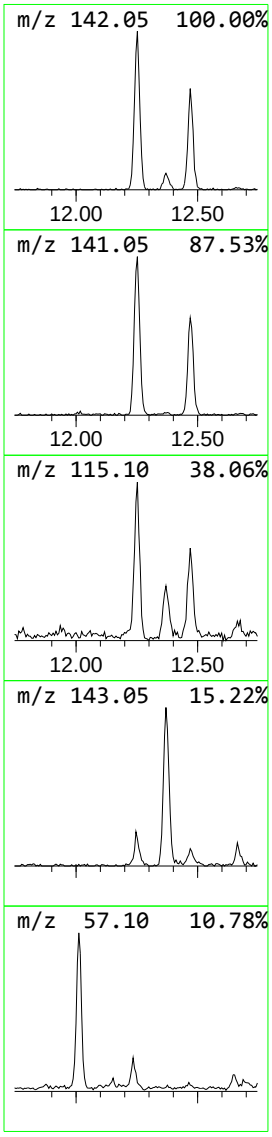
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	4.20 ng/ul	331351	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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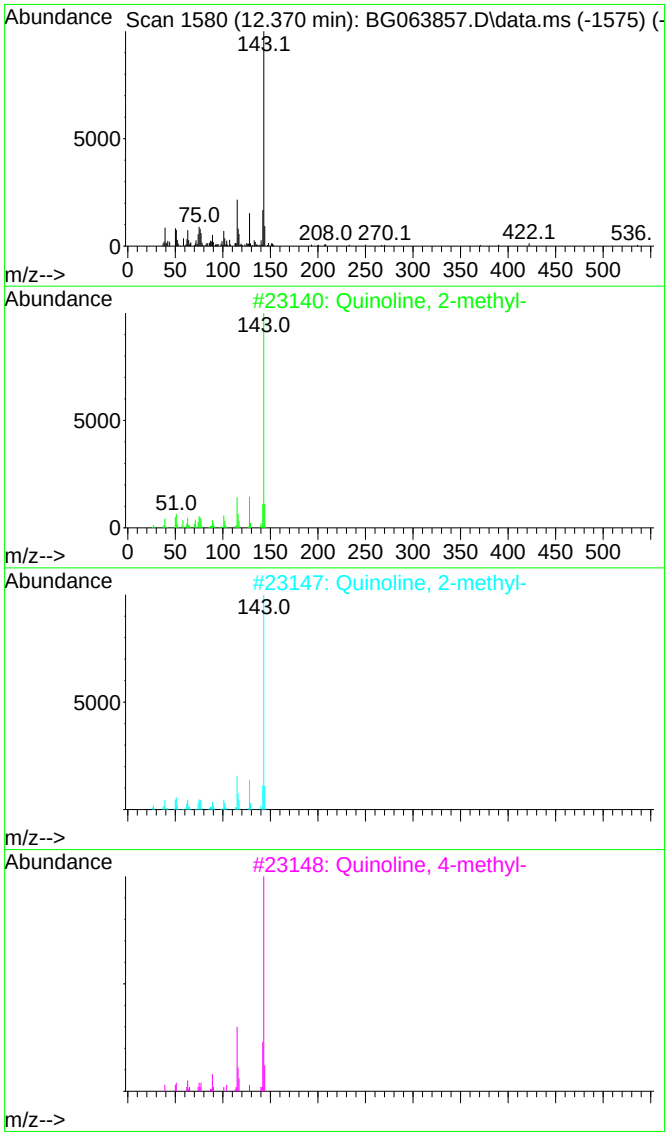
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

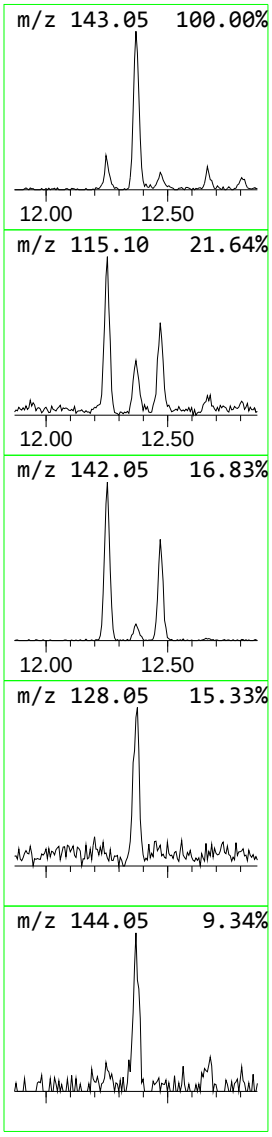
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Quinoline, 2-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	2.28 ng/ul	180174	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	90
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
4	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	90
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90





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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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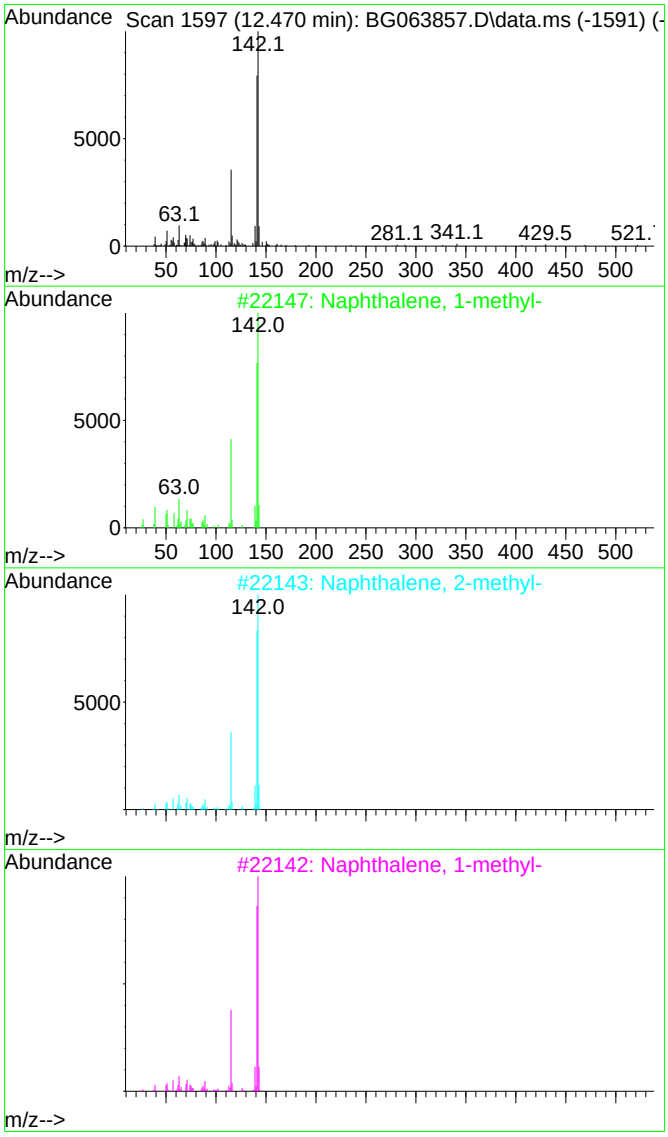
Quant Title : SVOA CALIBRATION

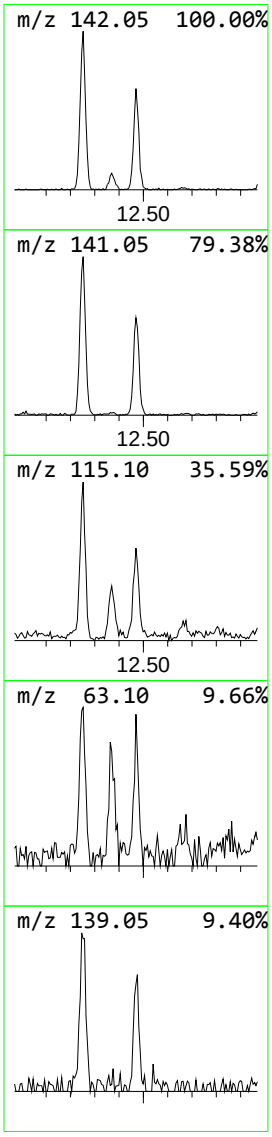
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2-methyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	2.51 ng/ul	197858	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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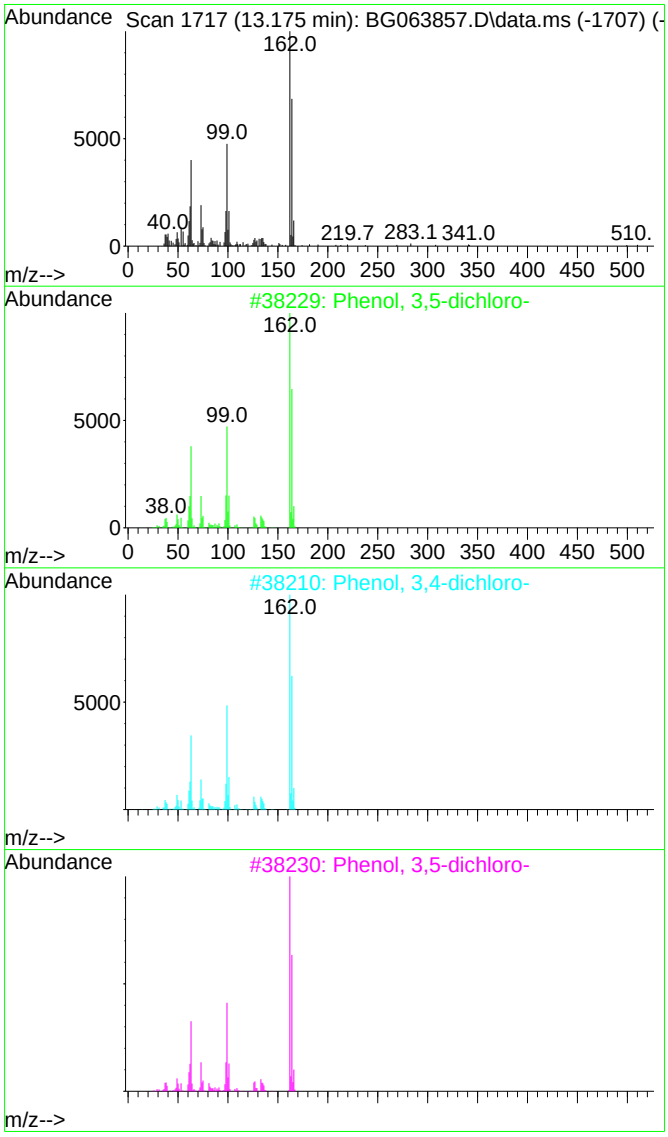
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

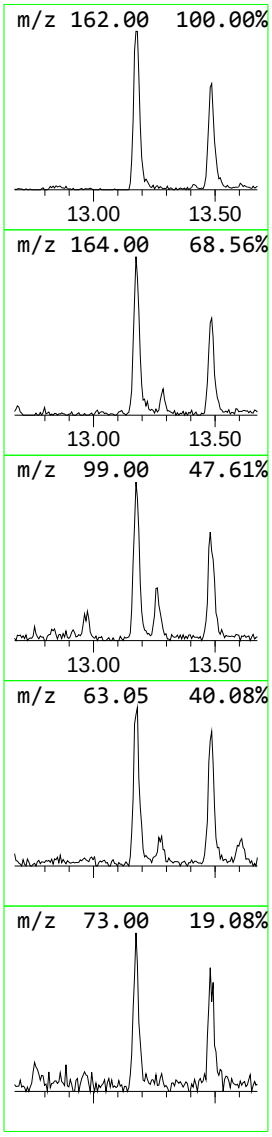
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Phenol, 3,5-dichloro- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	4.07 ng/ul	322928	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

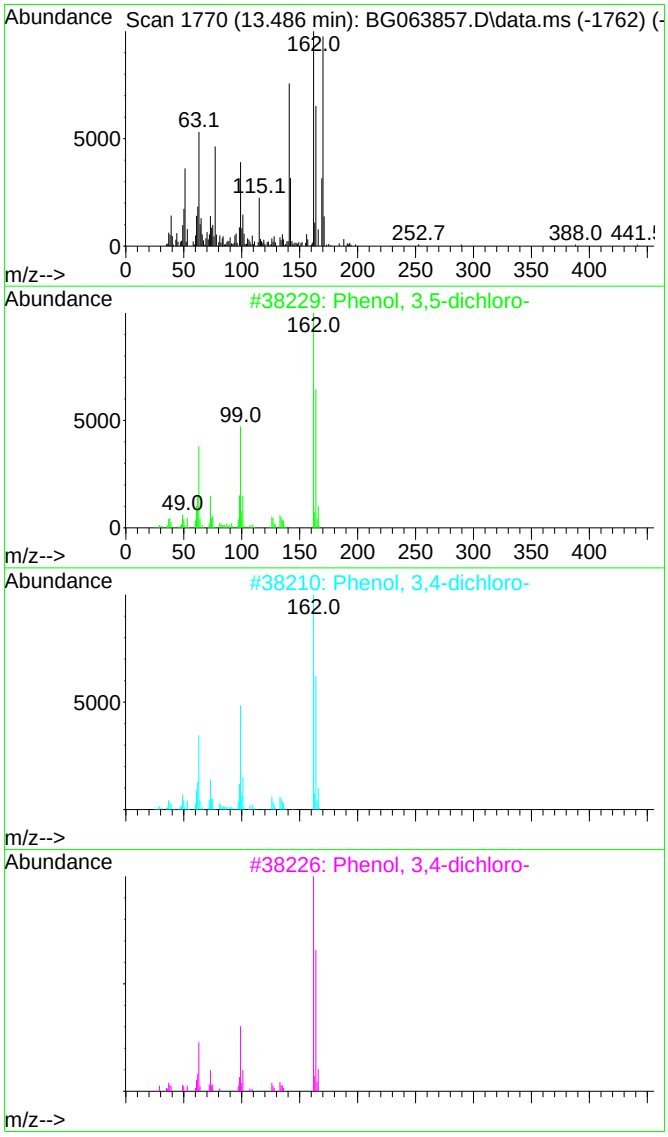
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

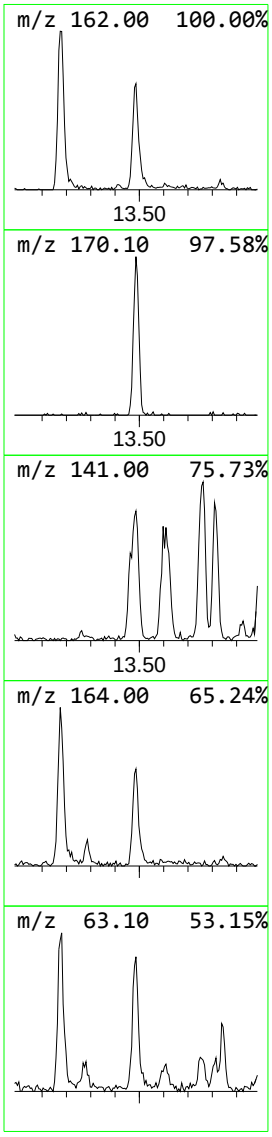
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Phenol, 3,4-dichloro- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.486	5.63 ng/ul	446920	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	92
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	92
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	78
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	78
5	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	70





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

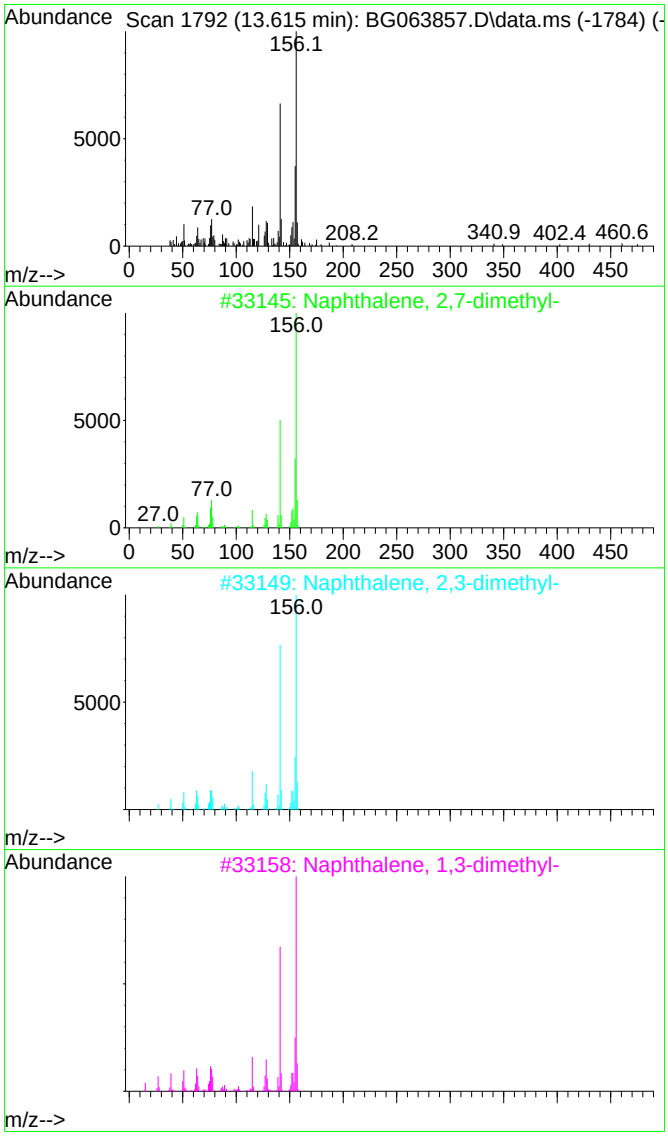
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

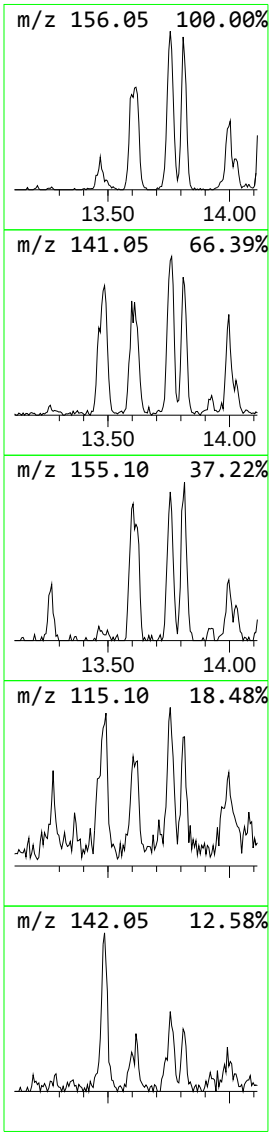
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 2,7-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	3.28 ng/ul	260104	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

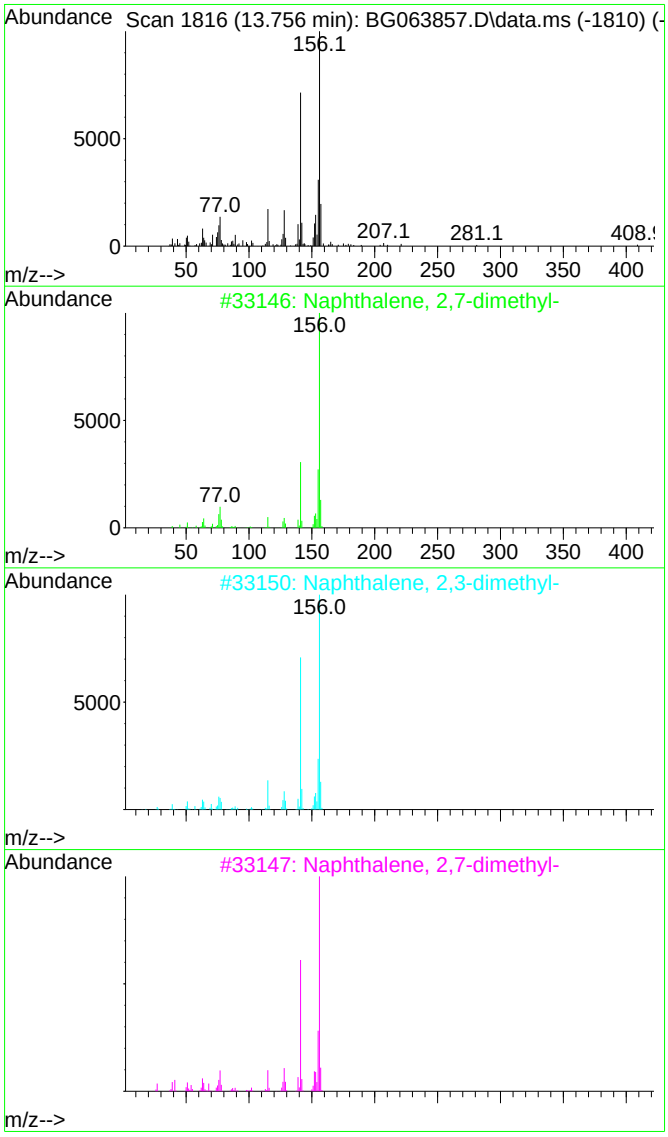
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

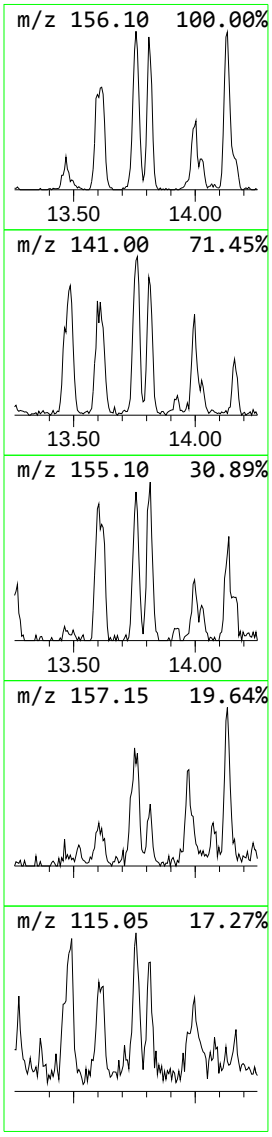
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2,3-dimethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	2.77 ng/ul	219946	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

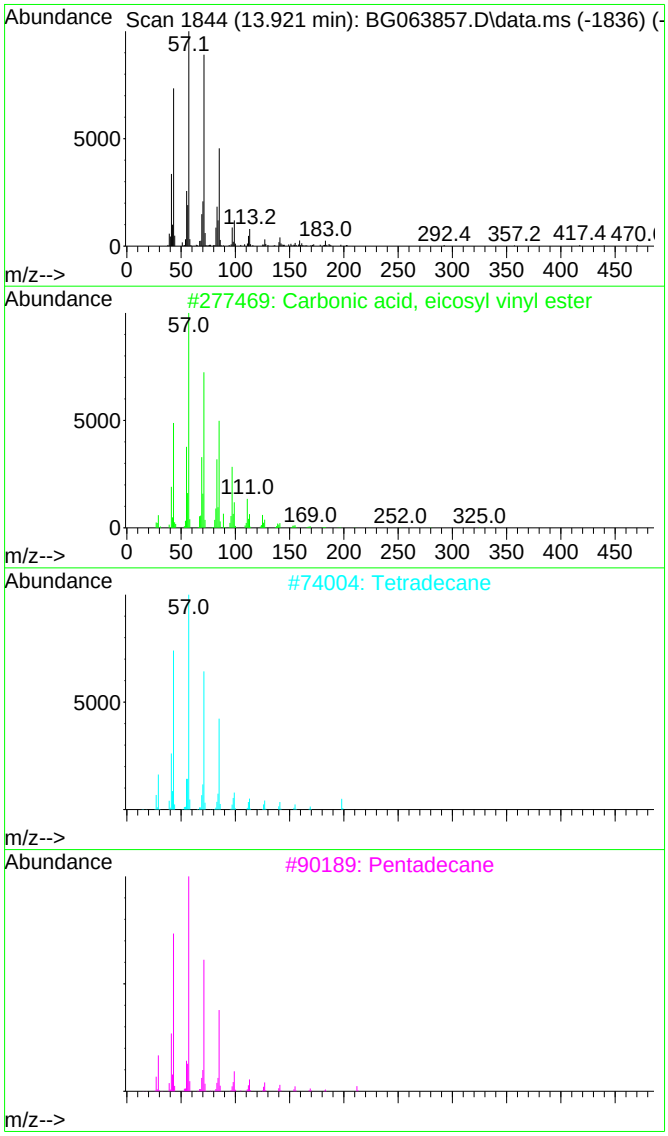
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

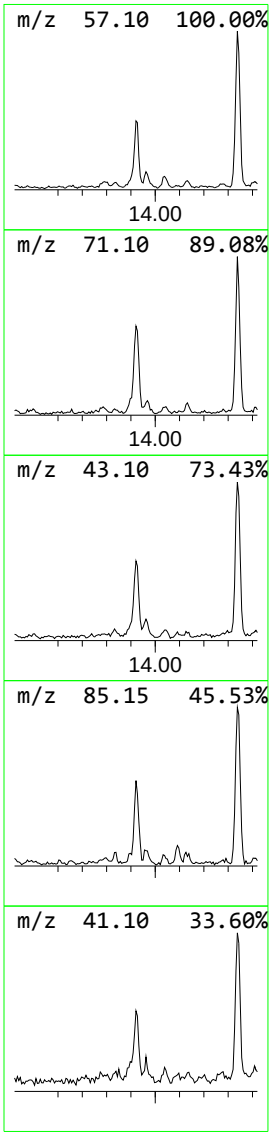
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Carbonic acid, eicosyl viny... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	4.63 ng/ul	367675	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Decane, 2-methyl-	156	C11H24	006975-98-0	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

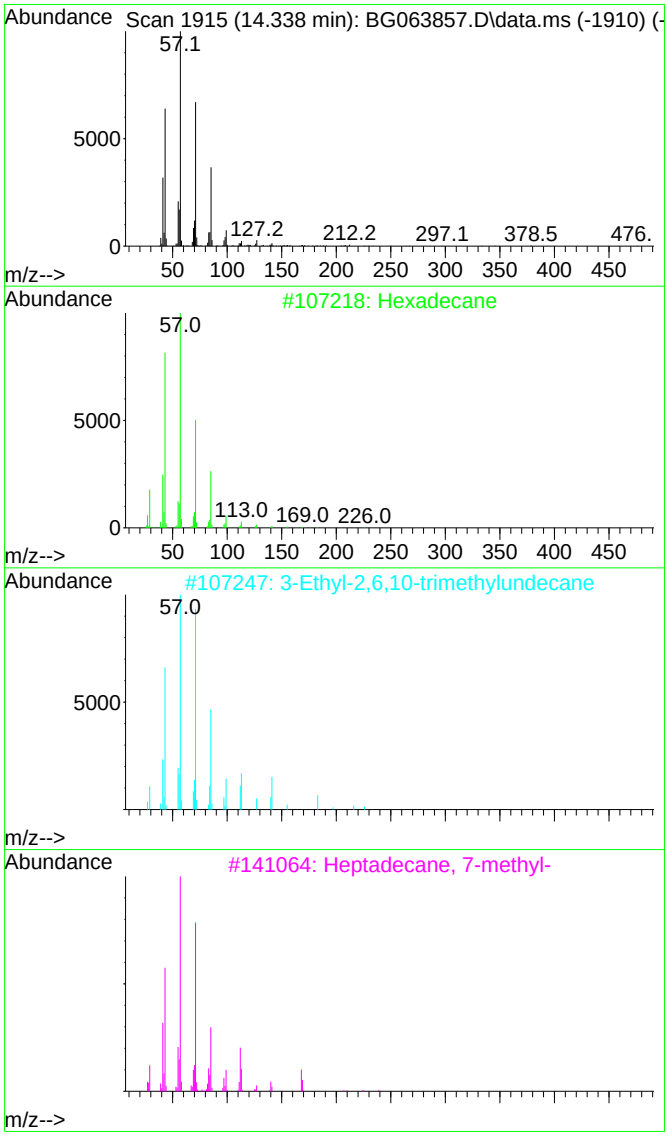
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

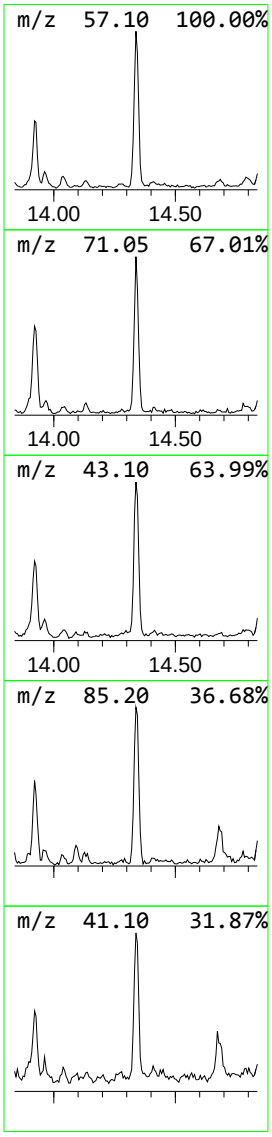
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.338	7.87 ng/ul	624939	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

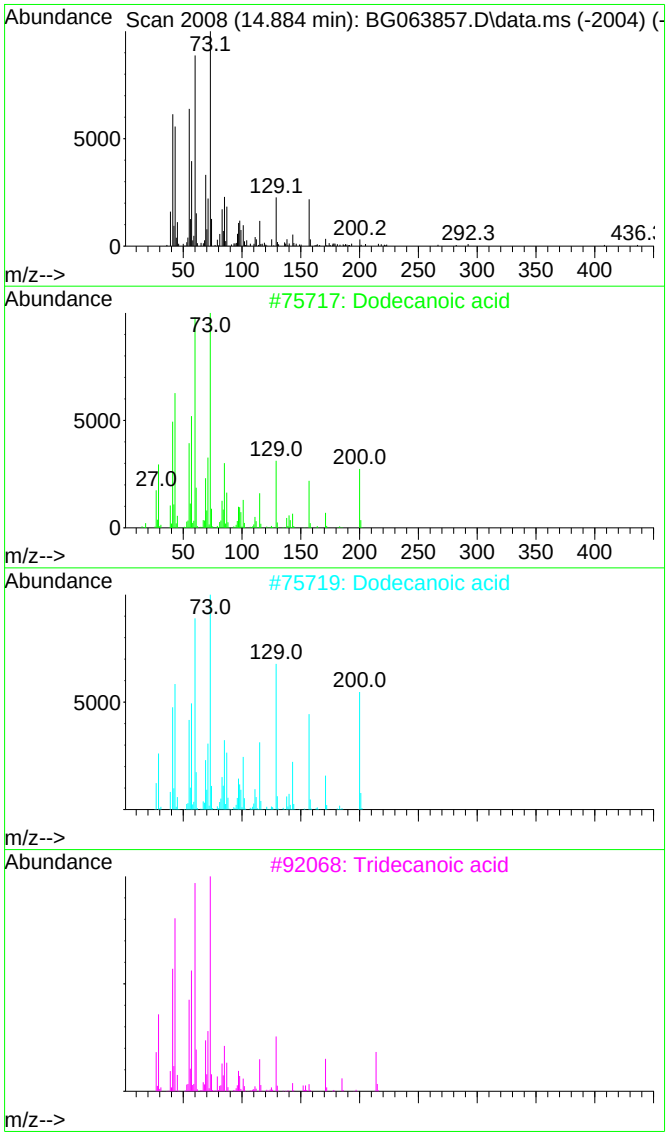
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

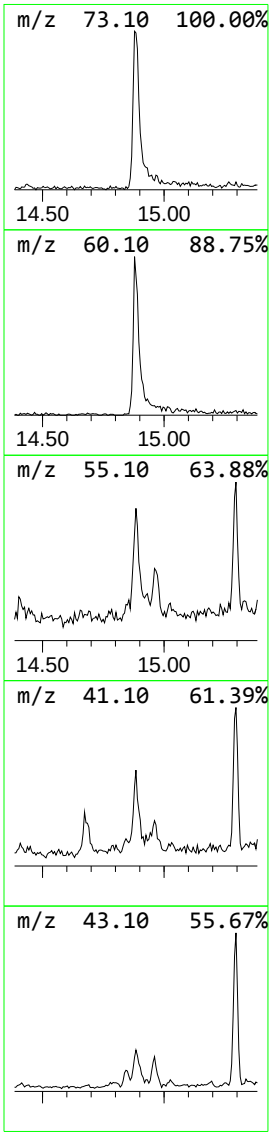
****

Peak Number 46 Dodecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.884	7.52 ng/ul	597044	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

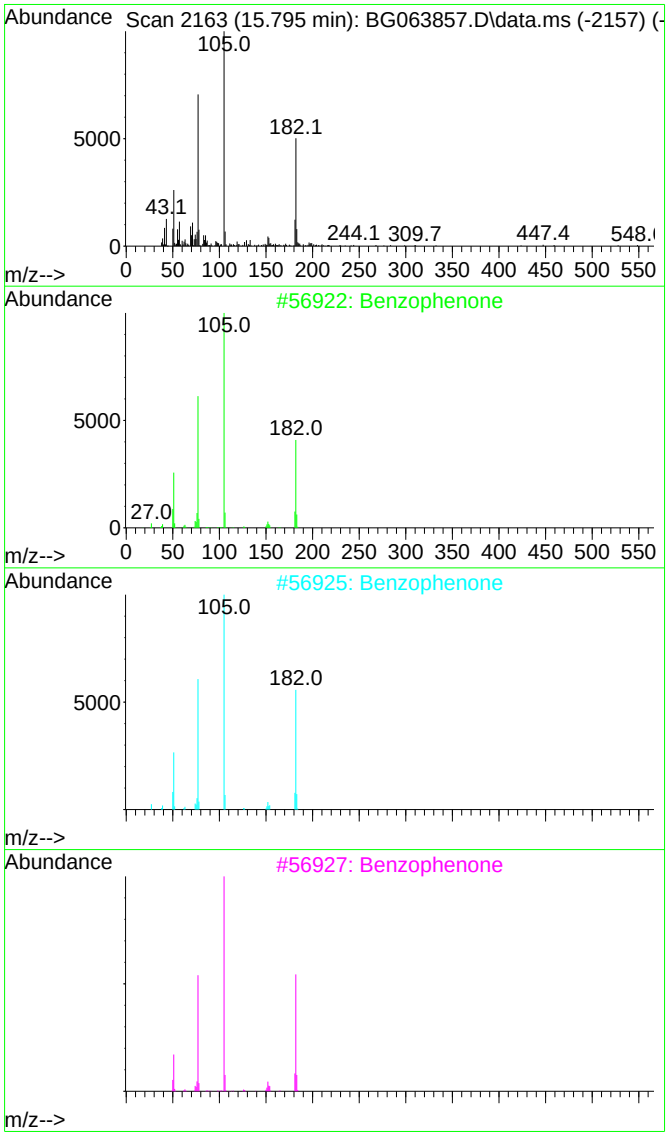
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

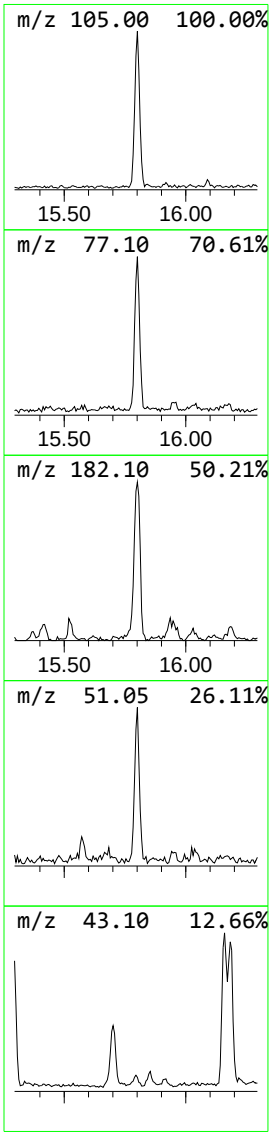
****

Peak Number 50 Benzophenone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	5.71 ng/ul	453618	Acenaphthene-d10	14.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	90
3	Benzophenone	182	C13H10O	000119-61-9	90
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	83





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

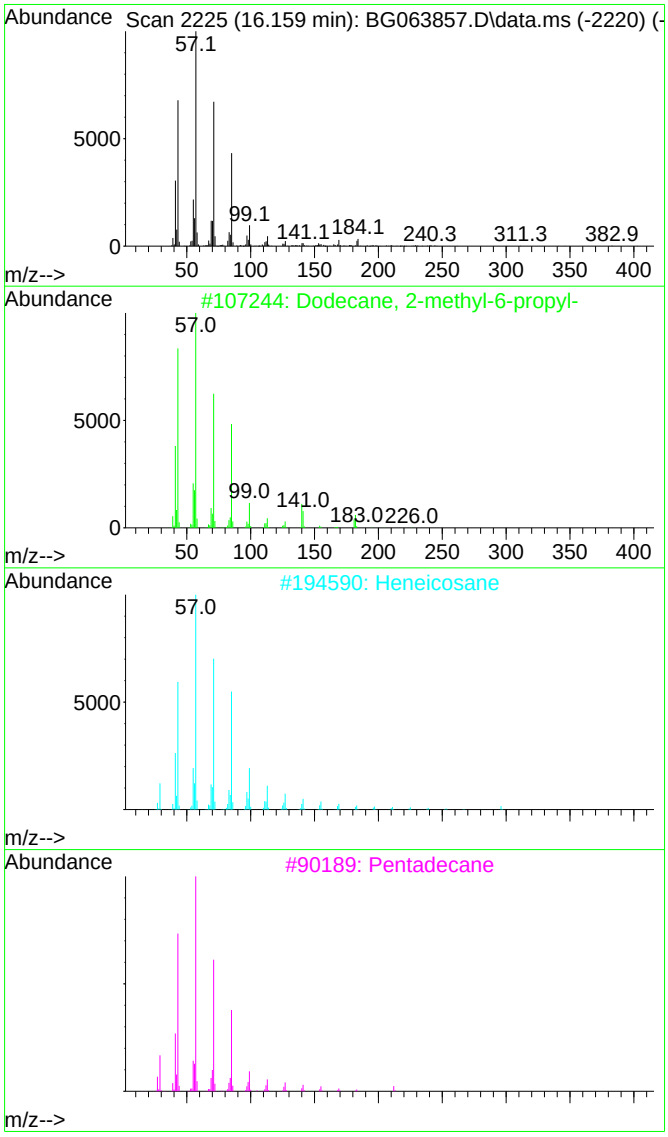
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

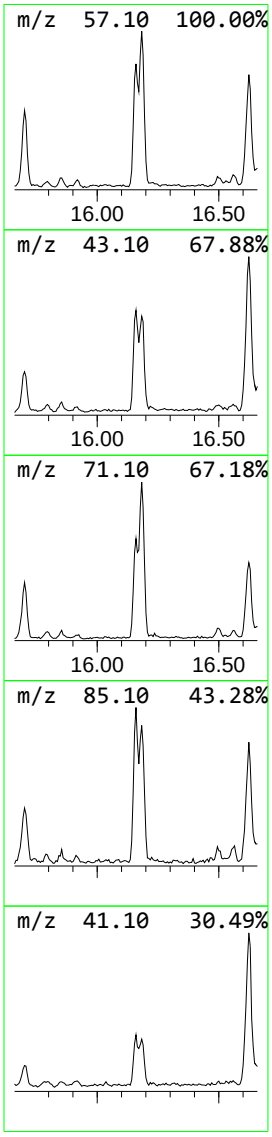
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	11.07 ng/ul	1055610	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Pentacosane	352	C25H52	000629-99-2	80





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

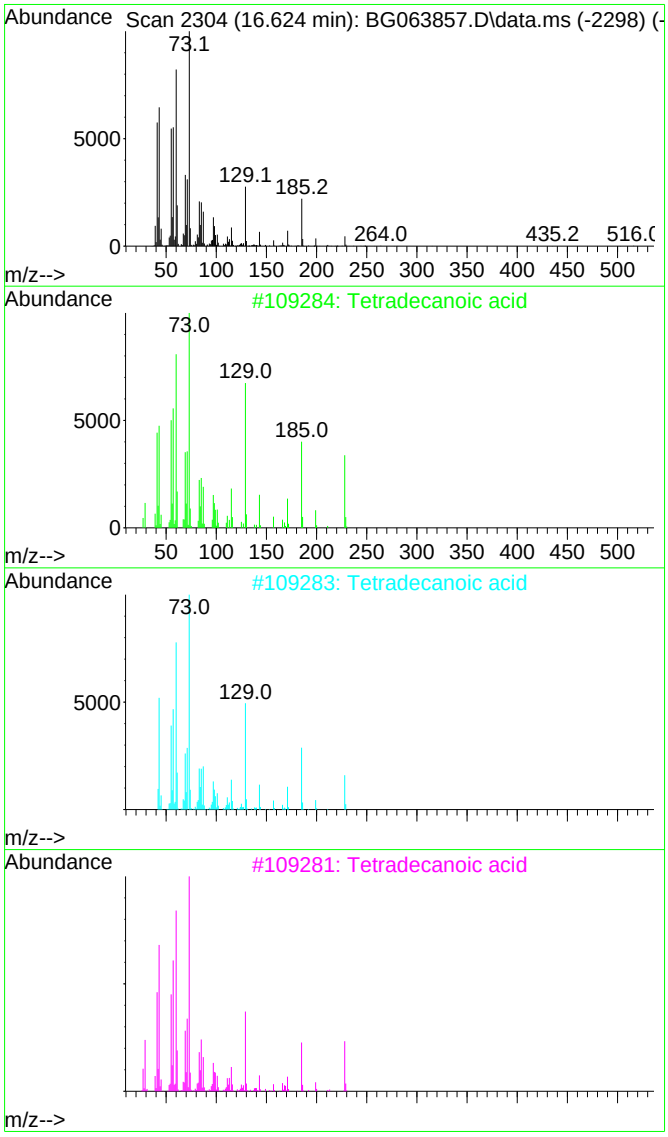
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

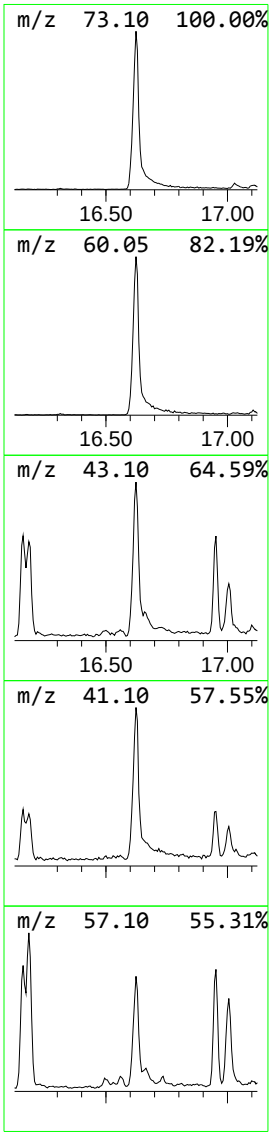
****

Peak Number 53 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.624	38.97 ng/ul	3715520	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

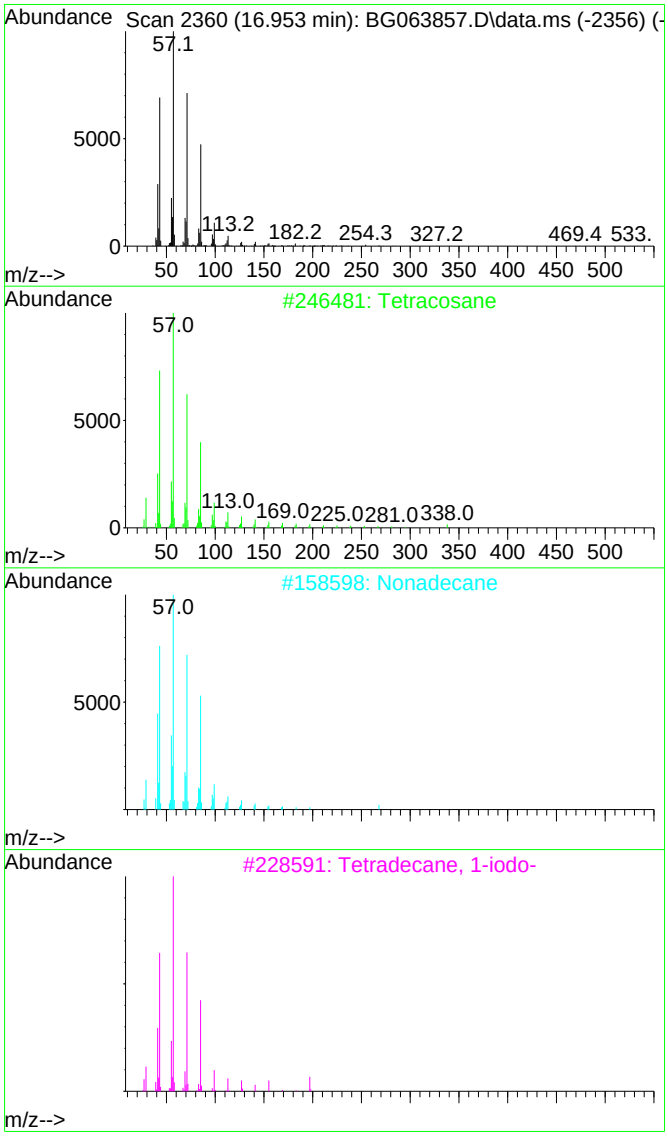
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

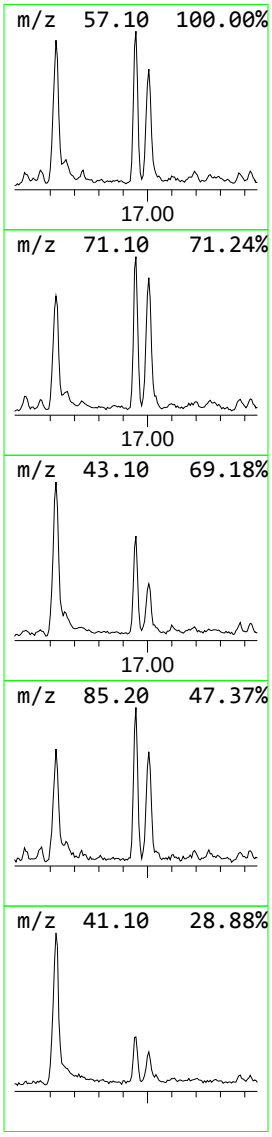
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.953	8.51 ng/ul	811714	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	76





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Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

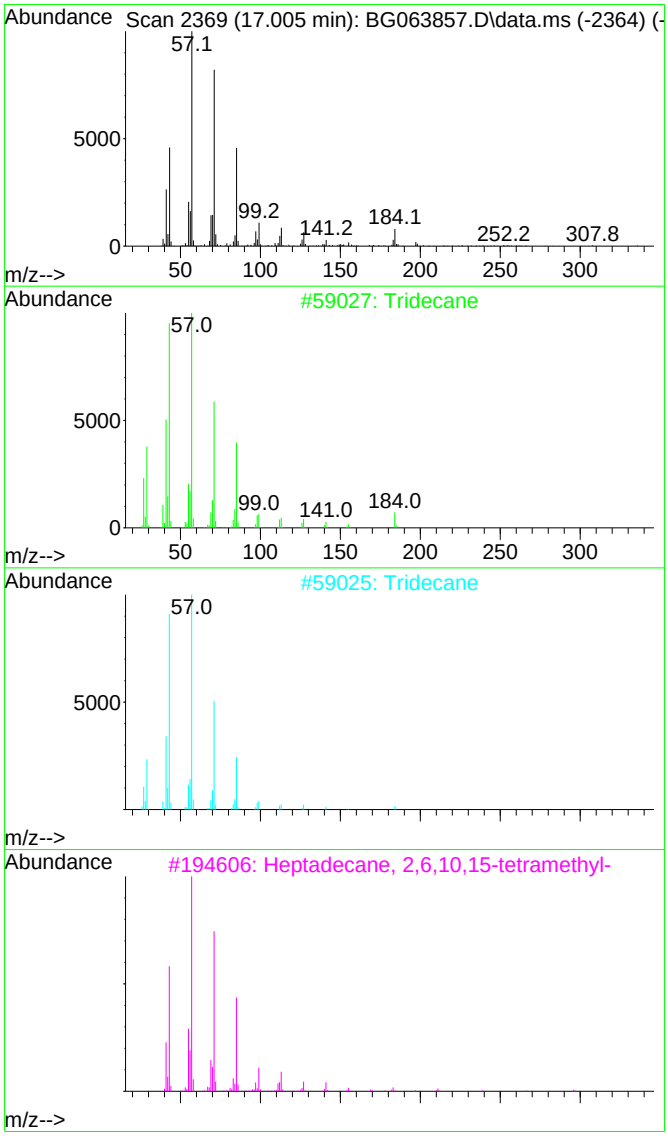
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

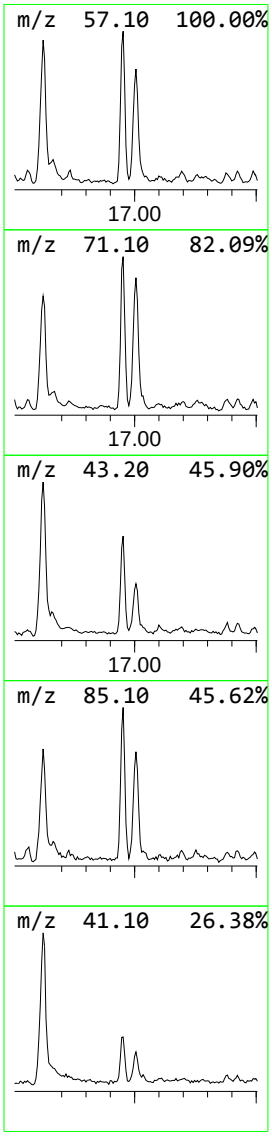
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.005	7.46 ng/ul	710918	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

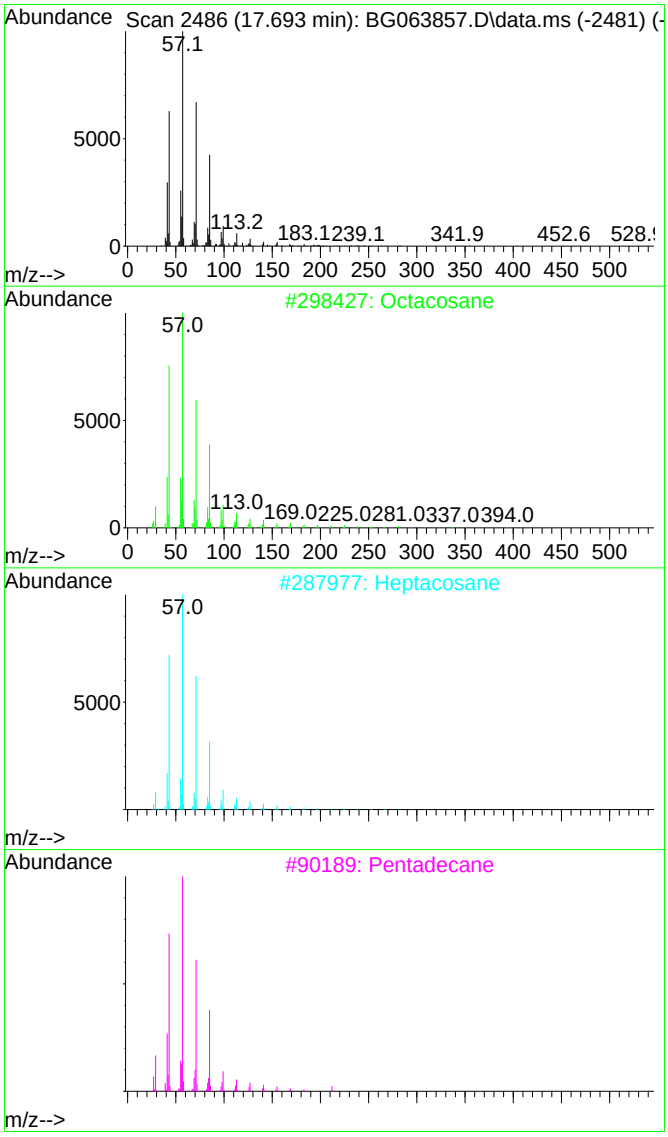
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

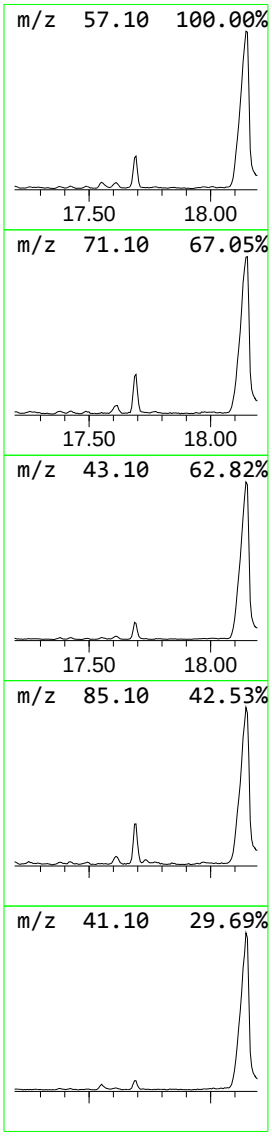
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.693	9.05 ng/ul	863317	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

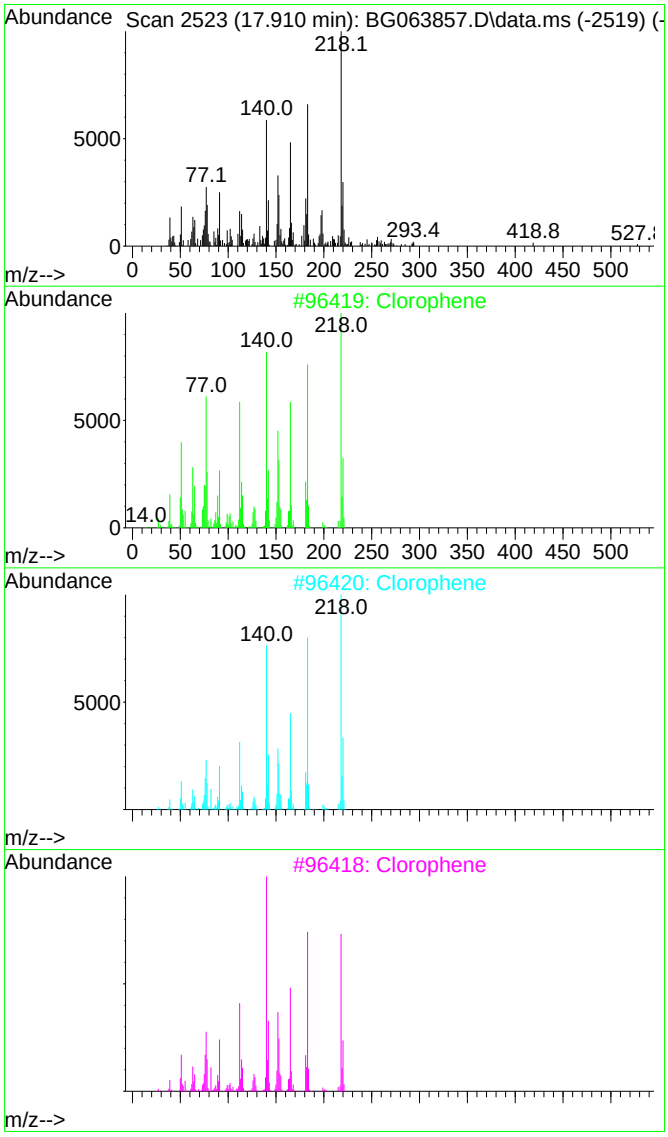
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

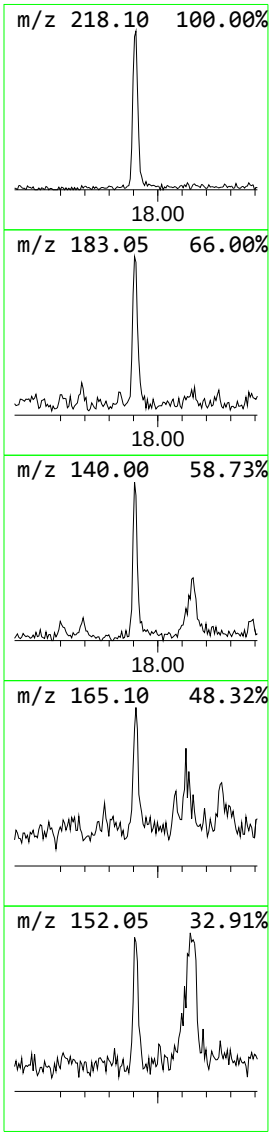
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Clorophene Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	2.49 ng/ul	237342	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Clorophene	218	C13H11ClO	000120-32-1	95
2	Clorophene	218	C13H11ClO	000120-32-1	93
3	Clorophene	218	C13H11ClO	000120-32-1	93
4	Clorophene	218	C13H11ClO	000120-32-1	74
5	Clorofene, acetate	260	C15H13ClO2	959265-82-8	72





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

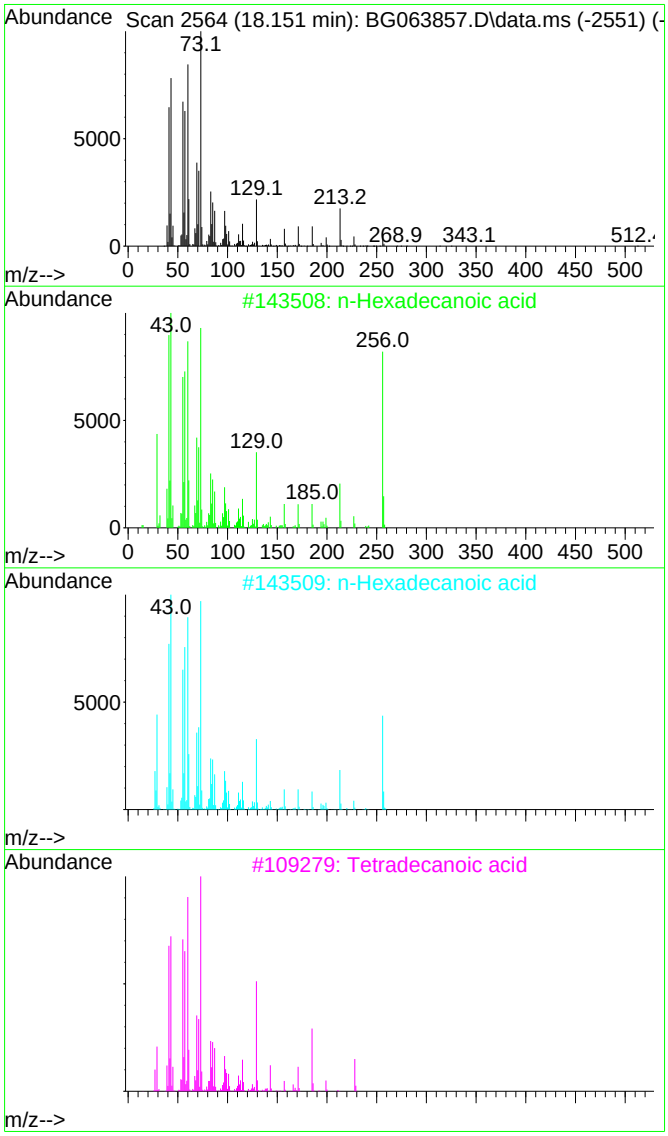
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

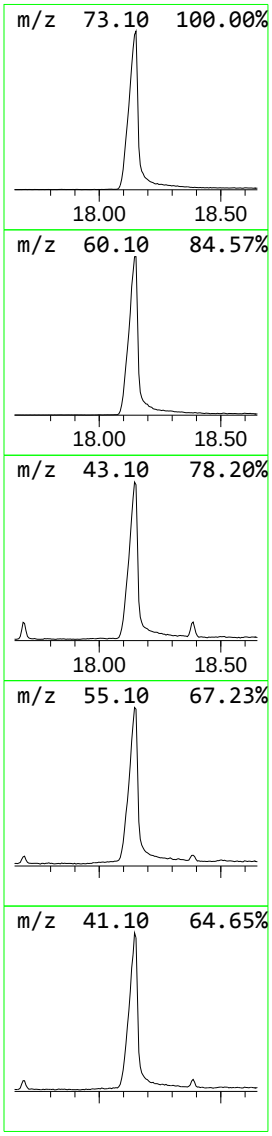
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	334.35 ng/ul	31877500	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

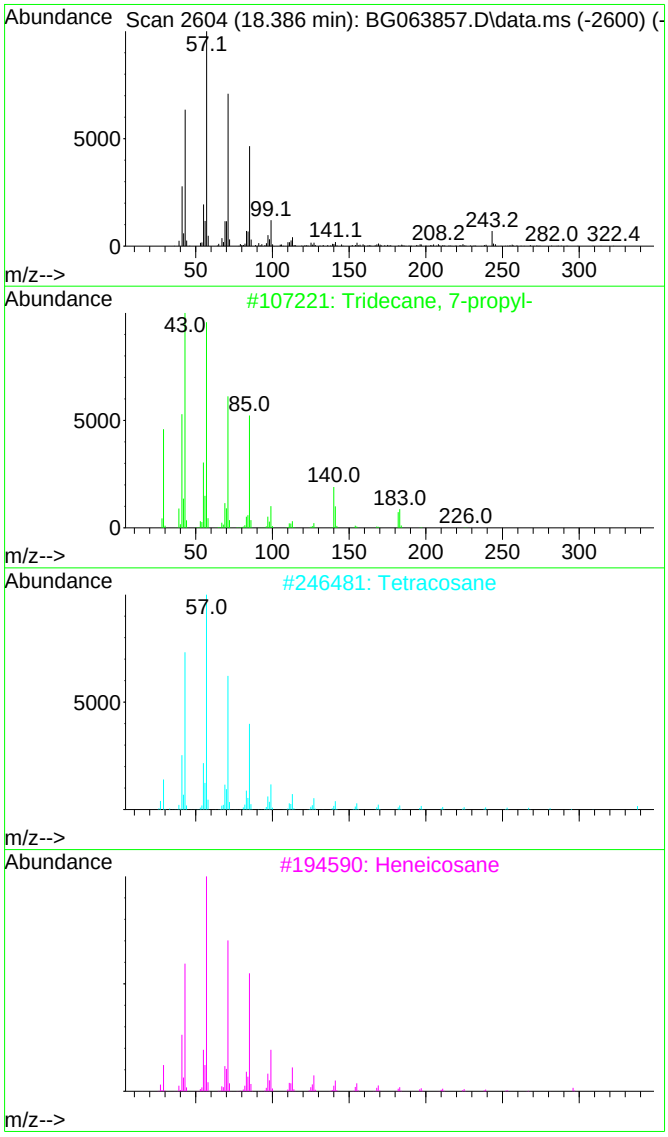
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

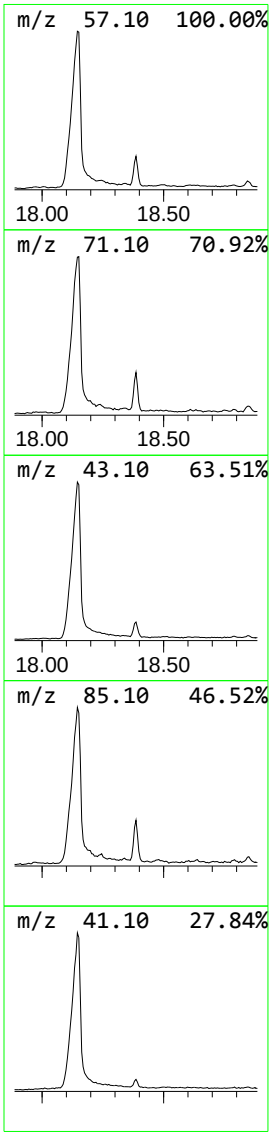
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	8.47 ng/ul	807227	Phenanthrene-d10	17.193

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

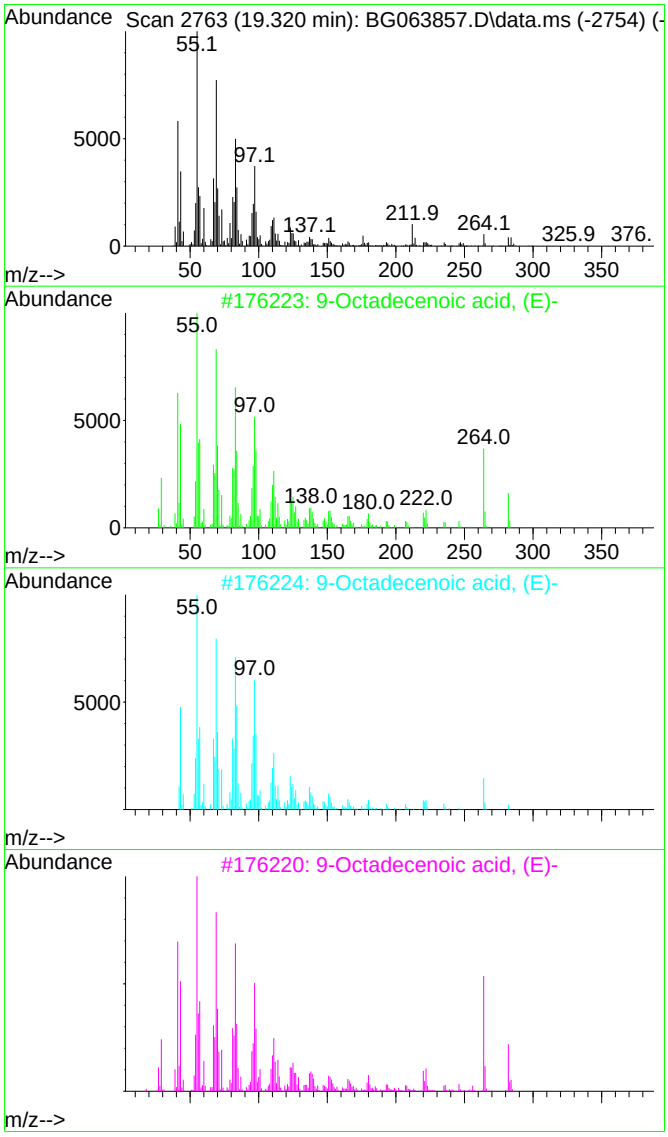
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

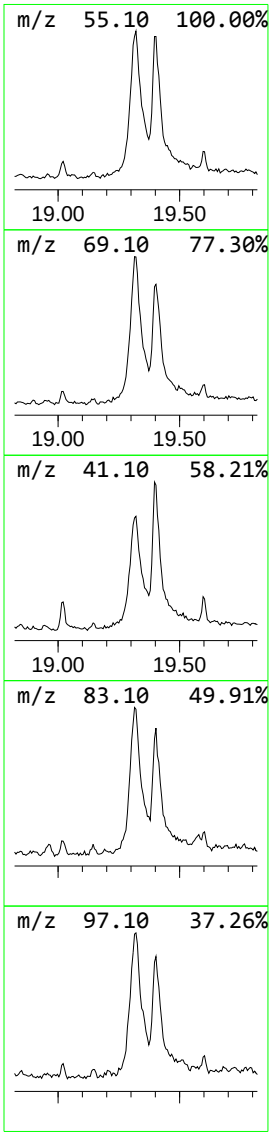
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 9-Octadecenoic acid, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.320	68.95 ng/ul	7313380	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	89
4	Oleic Acid	282	C18H34O2	000112-80-1	87
5	Cyclopentane, decyl-	210	C15H30	001795-21-7	70





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

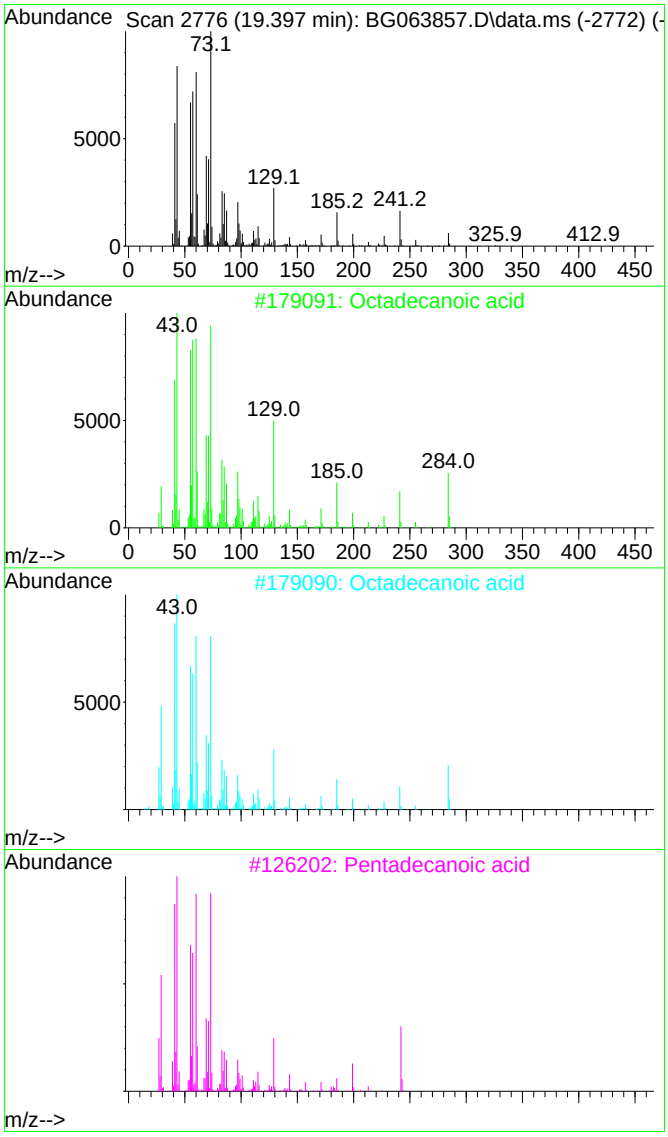
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

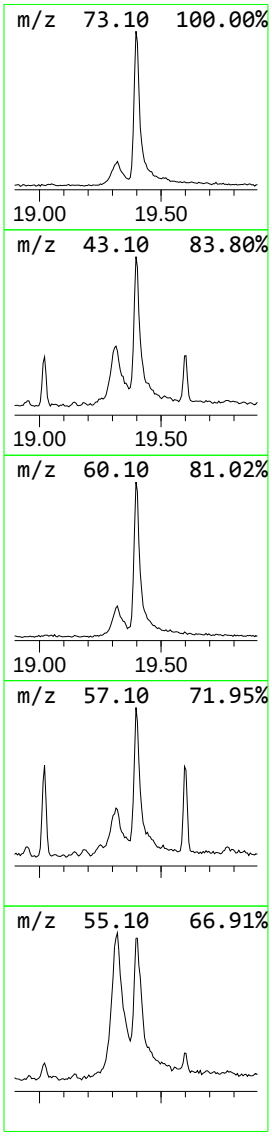
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.397	64.05 ng/ul	6793800	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

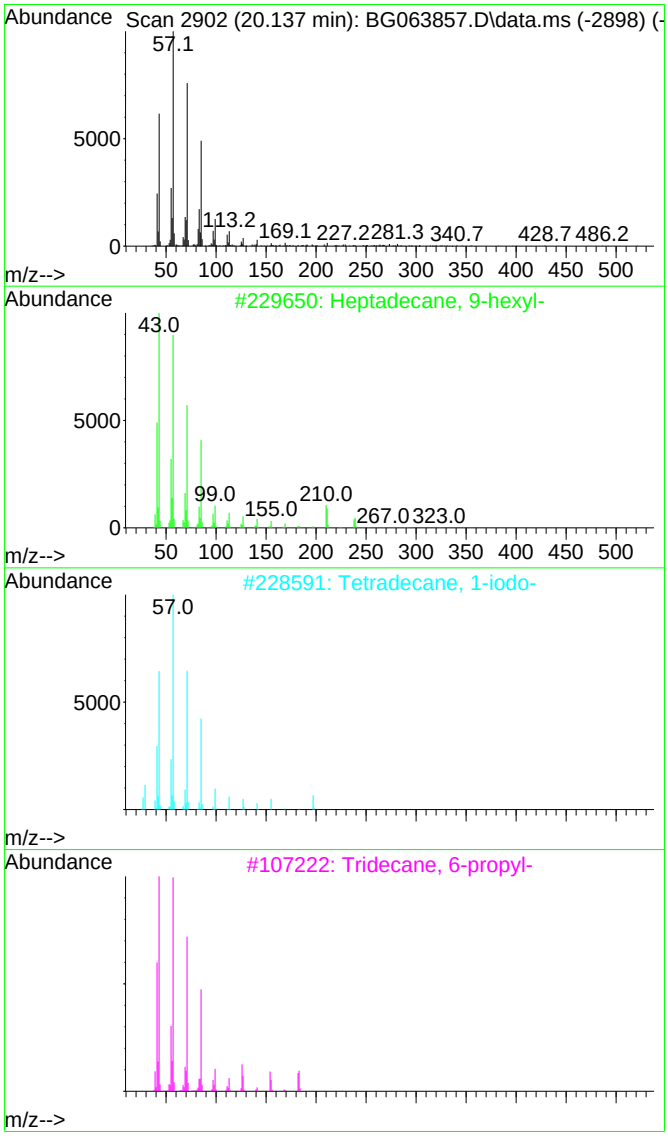
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

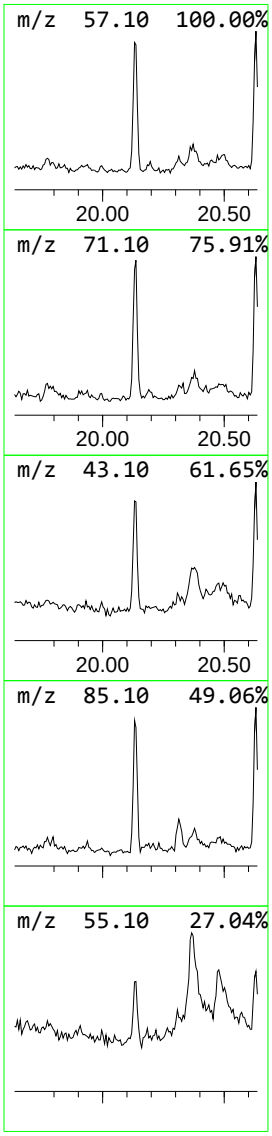
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.137	6.86 ng/ul	727470	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Hexadecane	226	C16H34	000544-76-3	81





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Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

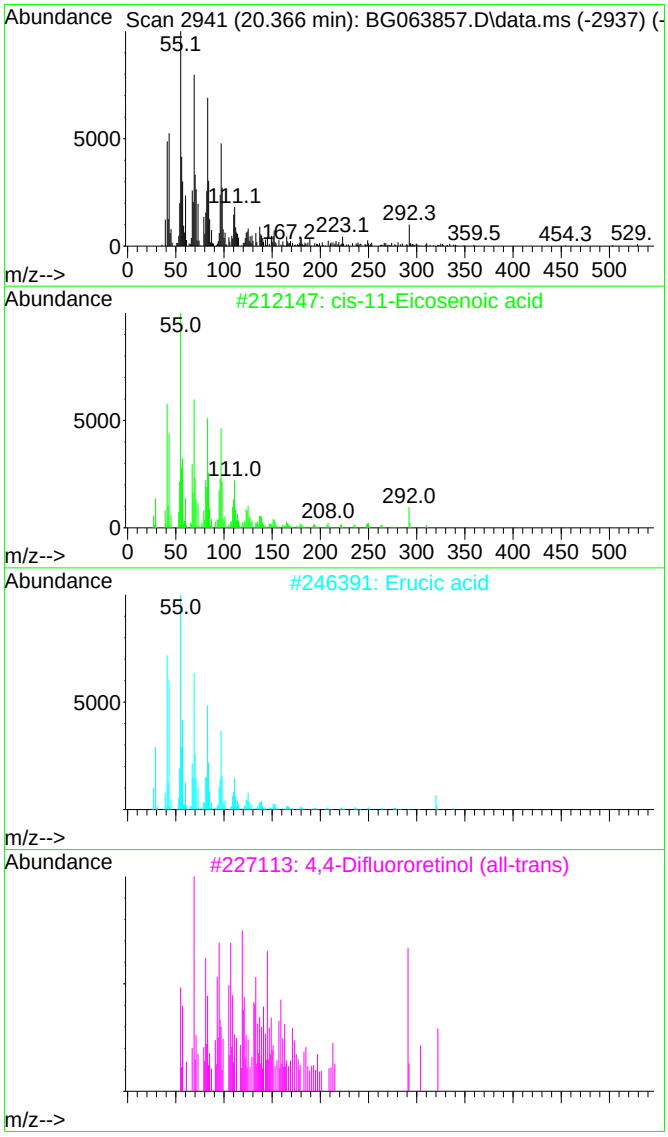
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

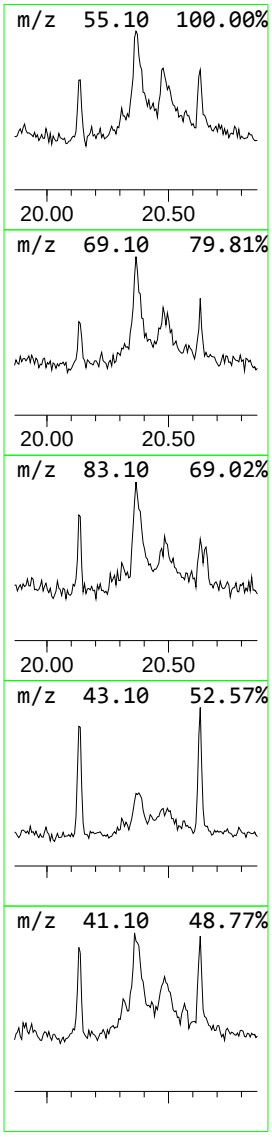
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 cis-11-Eicosenoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.366	9.25 ng/ul	981001	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	89
2	Erucic acid	338	C22H42O2	000112-86-7	87
3	4,4-Difluororetinol (all-trans)	322	C20H28F2O	090660-21-2	68
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	68
5	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	64





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Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

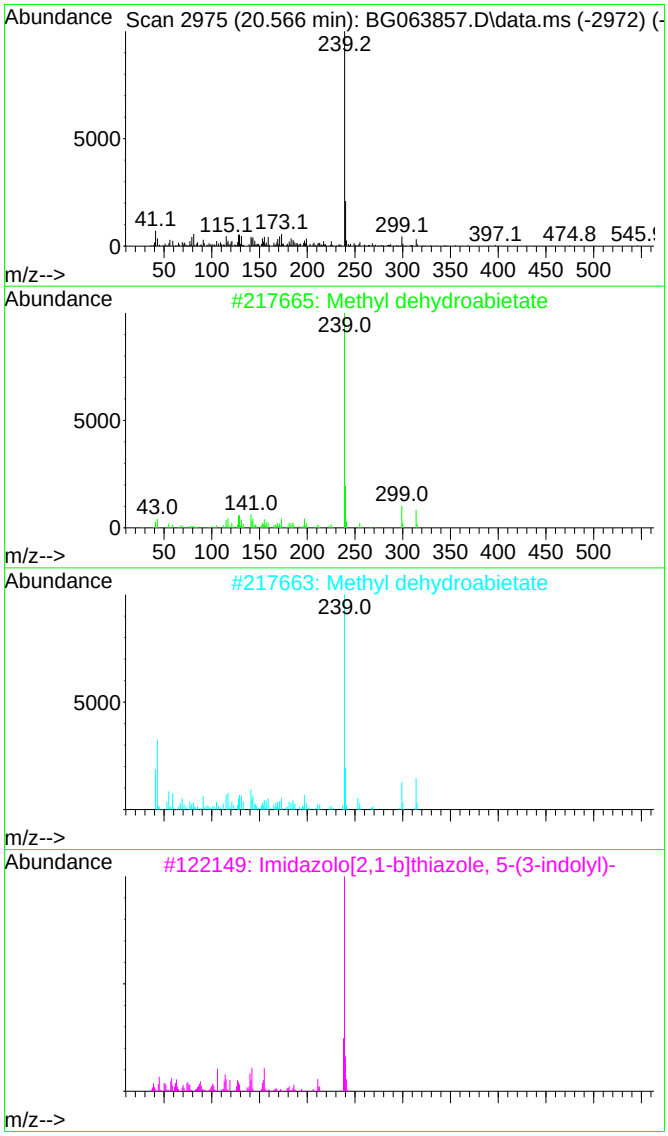
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

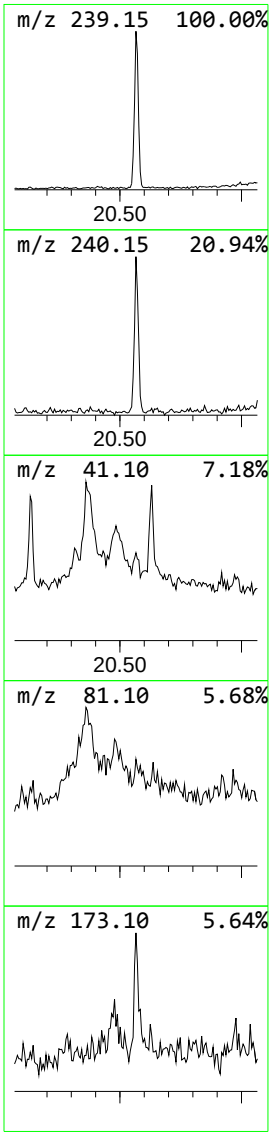
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Methyl dehydroabietate Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.566	4.37 ng/ul	463752	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	80
3	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	64
4	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64





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Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

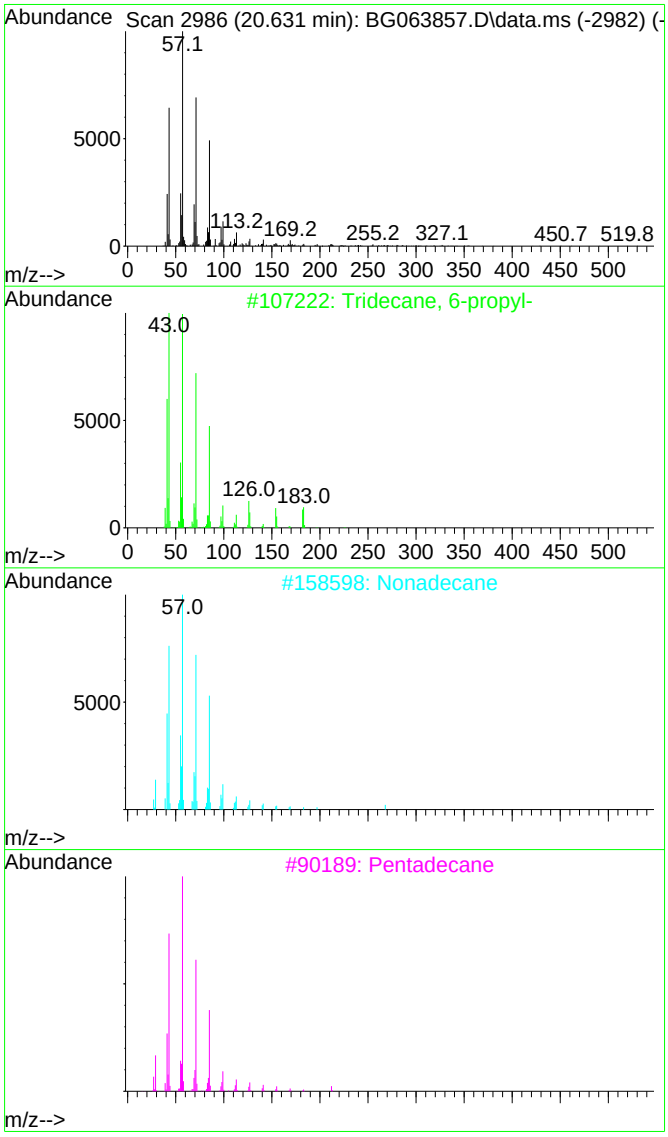
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

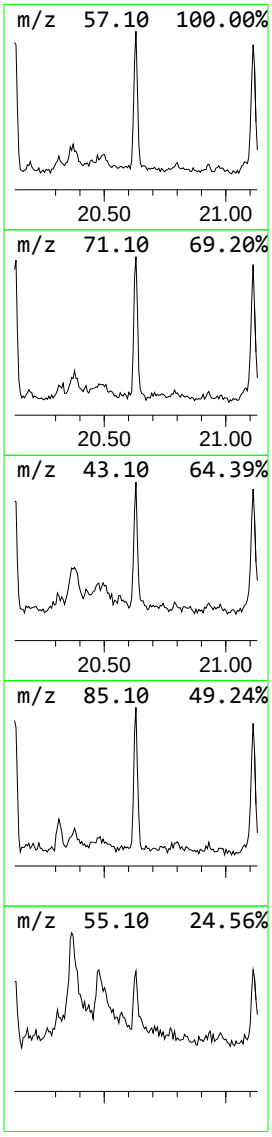
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.631	8.68 ng/ul	920949	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

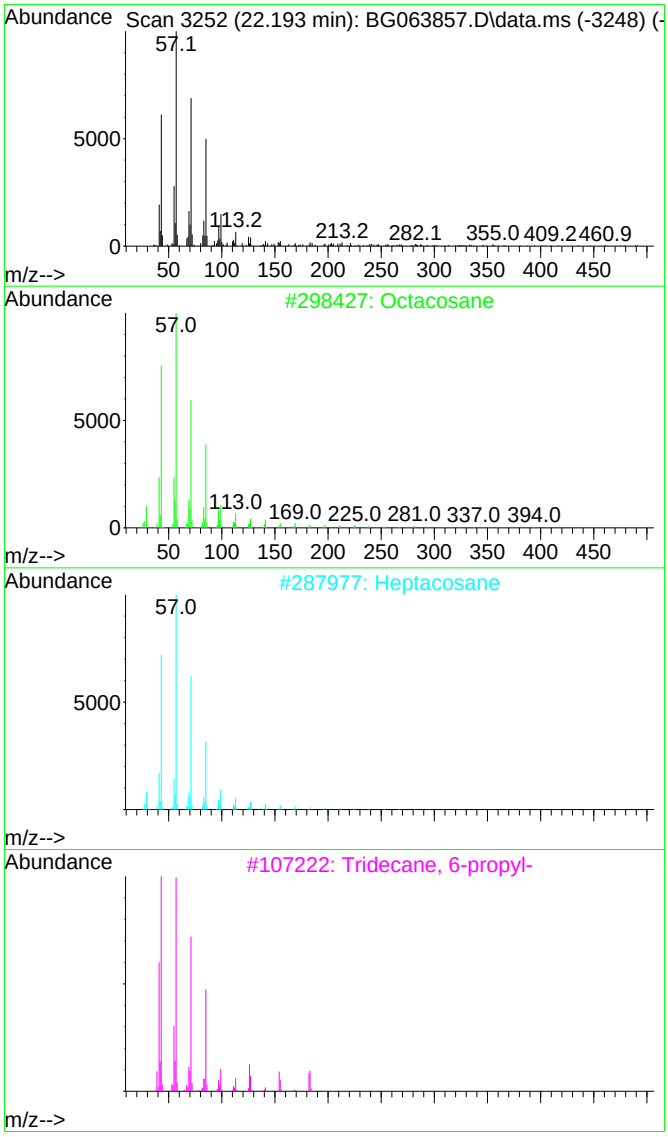
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

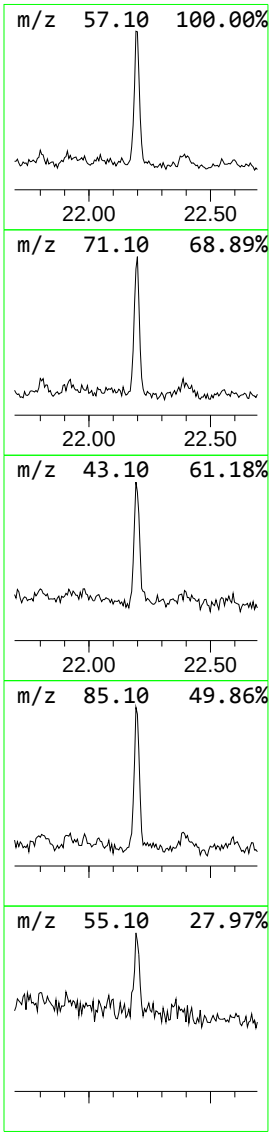
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.194	4.70 ng/ul	498420	Chrysene-d12	21.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Heptacosane	380	C27H56	000593-49-7	92
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





Tentatively Identified Compound (LSC) summary

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Data File : BG063857.D
Acq On : 27 Dec 2024 5:32
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE631

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
o-Xylene	5.448	4.0	ng/ul	232387	1	7.799	1158200	20.0
(DEL) Alkane: S...	7.423	23.8	ng/ul	1376720	1	7.799	1158200	20.0
Benzene, 1-ethy...	7.916	7.9	ng/ul	456232	1	7.799	1158200	20.0
Benzene, 1,2-di...	8.433	5.0	ng/ul	291057	1	7.799	1158200	20.0
p-Cresol	8.574	14.4	ng/ul	831172	1	7.799	1158200	20.0
p-Cymene	8.797	3.1	ng/ul	178369	1	7.799	1158200	20.0
o-Cymene	8.897	11.5	ng/ul	668062	1	7.799	1158200	20.0
Phenol, 2,4-dim...	9.773	12.6	ng/ul	990087	2	10.584	1577550	20.0
Phenol, 3-chloro-	10.495	26.7	ng/ul	2102620	2	10.584	1577550	20.0
1H-Indene, 1-me...	10.642	18.0	ng/ul	1421560	2	10.584	1577550	20.0
Phenol, 3-ethyl...	10.954	2.7	ng/ul	212508	2	10.584	1577550	20.0
Phenol, 4-ethyl...	11.130	3.1	ng/ul	242063	2	10.584	1577550	20.0
Phenol, p-tert-...	11.941	2.3	ng/ul	184026	2	10.584	1577550	20.0
Naphthalene, 1-...	12.246	4.2	ng/ul	331351	2	10.584	1577550	20.0
Quinoline, 2-me...	12.370	2.3	ng/ul	180174	2	10.584	1577550	20.0
Naphthalene, 2-...	12.470	2.5	ng/ul	197858	2	10.584	1577550	20.0
Phenol, 3,5-dic...	13.175	4.1	ng/ul	322928	3	14.438	1588180	20.0
Phenol, 3,4-dic...	13.486	5.6	ng/ul	446920	3	14.438	1588180	20.0
Naphthalene, 2,...	13.615	3.3	ng/ul	260104	3	14.438	1588180	20.0
Naphthalene, 2,...	13.756	2.8	ng/ul	219946	3	14.438	1588180	20.0
Carbonic acid, ...	13.921	4.6	ng/ul	367675	3	14.438	1588180	20.0
(DEL) Alkane: S...	14.338	7.9	ng/ul	624939	3	14.438	1588180	20.0
Dodecanoic acid	14.884	7.5	ng/ul	597044	3	14.438	1588180	20.0
Benzophenone	15.795	5.7	ng/ul	453618	3	14.438	1588180	20.0
(DEL) Alkane: S...	16.159	11.1	ng/ul	1055610	4	17.193	1906830	20.0
Tetradecanoic acid	16.624	39.0	ng/ul	3715520	4	17.193	1906830	20.0
(DEL) Alkane: S...	16.953	8.5	ng/ul	811714	4	17.193	1906830	20.0
(DEL) Alkane: S...	17.005	7.5	ng/ul	710918	4	17.193	1906830	20.0
(DEL) Alkane: S...	17.693	9.1	ng/ul	863317	4	17.193	1906830	20.0
Clorophene	17.910	2.5	ng/ul	237342	4	17.193	1906830	20.0
n-Hexadecanoic ...	18.151	334.4	ng/ul	31877500	4	17.193	1906830	20.0
(DEL) Alkane: S...	18.386	8.5	ng/ul	807227	4	17.193	1906830	20.0
9-Octadecenoic ...	19.320	69.0	ng/ul	7313380	5	21.447	2121440	20.0
Octadecanoic acid	19.397	64.0	ng/ul	6793800	5	21.447	2121440	20.0
(DEL) Alkane: S...	20.137	6.9	ng/ul	727470	5	21.447	2121440	20.0
cis-11-Eicoseno...	20.366	9.3	ng/ul	981001	5	21.447	2121440	20.0
Methyl dehydroa...	20.566	4.4	ng/ul	463752	5	21.447	2121440	20.0
(DEL) Alkane: S...	20.631	8.7	ng/ul	920949	5	21.447	2121440	20.0
(DEL) Alkane: S...	22.194	4.7	ng/ul	498420	5	21.447	2121440	20.0