LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014758.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	11	rVB	176512	173407	1.01%	0.161%
2	5.622	407	414	419	rBV	36077	53913	0.31%	0.050%
3	5.758	431	437	446	rVB	34906	69179	0.40%	0.064%
4	6.652	585	589	593	rBV	36602	58092	0.34%	0.054%
5	6.822	611	618	624	rBV	182193	275142	1.60%	0.256%
6	7.287	692	697	705	rVB2	39221	62240	0.36%	0.058%
7	7.363	705	710	715	rVB	44237	62435	0.36%	0.058%
8	7.469	718	728	735	rBV	114767	193190	1.12%	0.180%
9	7.675	758	763	771	rVB	85899	139149	0.81%	0.129%
10	7.793	778	783	790	rVB	101431	156168	0.91%	0.145%
11	7.869	790	796	803	rBV	43008	70171	0.41%	0.065%
12	8.152	836	844	857	rVB	1081989	1694902	9.86%	1.576%
13	8.269	857	864	872	rBV2	49086	121192	0.70%	0.113%
14	8.375	877	882	889	rVB2	50171	74616	0.43%	0.069%
15	8.534	902	909	918	rBV	845369	1339483	7.79%	1.246%
16	8.699	929	937	947	rVB	1309773	2089956	12.16%	1.944%
17	8.846	957	962	971	rVB2	64793	108610	0.63%	0.101%
18	9.322	1038	1043	1054	rVV2	101191	227825	1.33%	0.212%
19	9.522	1070	1077	1083	rVB	86153	136393	0.79%	0.127%
20	9.646	1090	1098	1104	rVV	188705	365680	2.13%	0.340%
21	9.710	1104	1109	1115	rVB	44708	73263	0.43%	0.068%
22	10.046	1158	1166	1172	rBV	54695	96585	0.56%	0.090%
23	10.222	1189	1196	1205	rVB	58827	104107	0.61%	0.097%
24	10.375	1205	1222	1231	rBV5	129575	348014	2.02%	0.324%
25	10.469	1233	1238	1243	rVV	51096	104011	0.61%	0.097%
26	10.516	1243	1246	1252	rVV5	31370	54547	0.32%	0.051%
27	10.587	1252	1258	1268	rVB	120286	213610	1.24%	0.199%
28	10.981	1315	1325	1329	rVV	1377605	2498410	14.53%	2.324%
29	11.034	1329	1334	1342	rVV	9577014	17191075	100.00%	15.990%
30	11.110	1342	1347	1348	rVV	69868	102398	0.60%	0.095%
31	11.151	1348	1354	1363	rVB	809454	1366098	7.95%	1.271%
32	12.087	1507	1513	1521	rBV3	33738	71543	0.42%	0.067%
33	12.522	1581	1587	1595	rBV	161051	256443	1.49%	0.239%
34	12.622	1597	1604	1611	rVV	2215213	3415598	19.87%	3.177%
35	12.740	1617	1624	1630	rVV	376286	601947	3.50%	0.560%
36	12.840	1630	1641	1650	rVB	3767836	6138008	35.70%	5.709%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCBL2DL

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

37	13.251	1705	1711	1718	rBV2	50854	90169	0.52%	0.084%
38	13.622	1767	1774	1780	rBV	1819508	2677977	15.58%	2.491%
39	13.816	1801	1807	1818	rVB	460621	809515	4.71%	0.753%
40	13.945	1818	1829	1830	rBV2	346850	512938	2.98%	0.477%
41	14.104	1848	1856	1861	rBV	596571	1052705	6.12%	0.979%
42	14.157	1861	1865	1867	rVV	411995	591116	3.44%	0.550%
43	14.181	1867	1869	1874	rVB	351095	406215	2.36%	0.378%
44	14.339	1891	1896	1899	rBV	180600	265667	1.55%	0.247%
45	14.369	1899	1901	1906	rVB	83363	107805	0.63%	0.100%
46	14.481	1912	1920	1929	rBV4	327703	817077	4.75%	0.760%
47	14.781	1960	1971	1976	rBV2	2126175	3460776	20.13%	3.219%
48	14.851	1976	1983	1988	rVV	10645723	16054160	93.39%	14.933%
49	14.910	1988	1993	1998	rVV	906781	1342071	7.81%	1.248%
50	15.045	2012	2016	2019	rVV	59050	85977	0.50%	0.080%
51	15.092	2019	2024	2028	rVV	184359	284838	1.66%	0.265%
52	15.181	2032	2039	2045	rVV	5434005	7895597	45.93%	7.344%
53	15.245	2045	2050	2060	rVB3	50273	108306	0.63%	0.101%
54	15.386	2067	2074	2080	rBV4	33660	74317	0.43%	0.069%
55	15.563	2096	2104	2107	rBV4	30299	58690	0.34%	0.055%
56	15.769	2134	2139	2143	rVV	396921	591022	3.44%	0.550%
57	15.828	2143	2149	2155	rVV	3219770	4510839	26.24%	4.196%
58	15.922	2160	2165	2166	rVV3	83970	130537	0.76%	0.121%
59	15.951	2166	2170	2173	rVV3	167860	282274	1.64%	0.263%
60	15.986	2173	2176	2181	rVV	261967	402828	2.34%	0.375%
61	16.039	2181	2185	2188	rVV4	80040	137080	0.80%	0.128%
62	16.075	2188	2191	2194	rVV	119858	168783	0.98%	0.157%
63	16.122	2194	2199	2207	rVV3	311424	529781	3.08%	0.493%
64	16.222	2207	2216	2218	rVV5	33340	73186	0.43%	0.068%
65	16.263	2218	2223	2231	rVV2	256047	552324	3.21%	0.514%
66	16.328	2231	2234	2237	rVV	36797	56204	0.33%	0.052%
67	16.498	2253	2263	2275	rVB	337402	592526	3.45%	0.551%
68	16.622	2275	2284	2289	rBV	140692	231046	1.34%	0.215%
69	16.698	2289	2297	2305	rVV5	42503	111543	0.65%	0.104%
70	16.792	2305	2313	2317	rVV4	76131	227551	1.32%	0.212%
71	16.828	2317	2319	2324	rVV2	76146	104634	0.61%	0.097%
72	16.986	2341	2346	2353	rBV2	46322	73153	0.43%	0.068%
73	17.304	2394	2400	2403	rVV	59132	96640	0.56%	0.090%
74	17.351	2403	2408	2413	rVB	338597	481804	2.80%	0.448%
75	17.533	2432	2439	2442	rBV	2465599	3469052	20.18%	3.227%
76	17.575	2442	2446	2452	rVV	4019892	5326653	30.98%	4.955%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCBL2DL

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

77	17.633	2452	2456	2460	rVV	396113	515559	3.00%	0.480%
78	17.728	2466	2472	2482	rVB7	59401	126780	0.74%	0.118%
79	17.880	2494	2498	2501	rBV	42065	62234	0.36%	0.058%
80	17.922	2501	2505	2511	rVB	688820	949073	5.52%	0.883%
81	18.010	2511	2520	2527	rBV3	117522	313172	1.82%	0.291%
82	18.075	2527	2531	2536	rVB	160444	220167	1.28%	0.205%
83	18.339	2573	2576	2580	rVB	57706	71164	0.41%	0.066%
84	18.386	2580	2584	2587	rBV	64320	77839	0.45%	0.072%
85	18.427	2587	2591	2597	rVB2	266747	381895	2.22%	0.355%
86	18.492	2598	2602	2608	rVB	74060	101604	0.59%	0.095%
87	18.575	2608	2616	2624	rBV	199587	367737	2.14%	0.342%
88	18.645	2624	2628	2630	rBV	37816	55197	0.32%	0.051%
89	18.798	2650	2654	2659	rBV2	109231	145562	0.85%	0.135%
90	18.845	2659	2662	2668	rBV2	39563	60775	0.35%	0.057%
91	18.898	2668	2671	2675	rBV2	60482	73331	0.43%	0.068%
92	19.522	2772	2777	2782	rVB	280432	373617	2.17%	0.348%
93	19.845	2826	2832	2835	rBV	495255	715798	4.16%	0.666%
94	20.210	2889	2894	2896	rBV	73076	113373	0.66%	0.105%
95	20.233	2896	2898	2903	rVV	99359	108473	0.63%	0.101%
96	20.286	2903	2907	2917	rVV	275408	417445	2.43%	0.388%
97	20.910	3010	3013	3019	rBV7	32267	57369	0.33%	0.053%
98	21.604	3125	3131	3141	rBV	2630036	3364662	19.57%	3.130%
99	24.010	3535	3540	3546	rVB2	237596	446644	2.60%	0.415%
100	24.180	3561	3569	3581	rVB	1655997	3438436	20.00%	3.198%

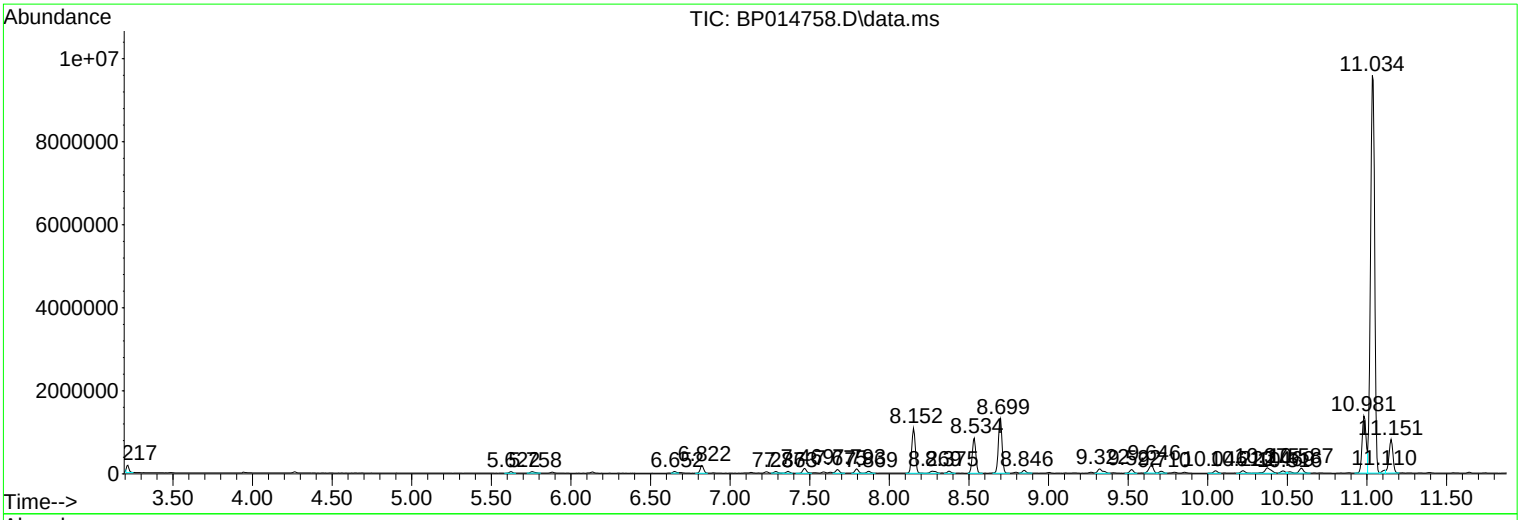
Sum of corrected areas: 107510682

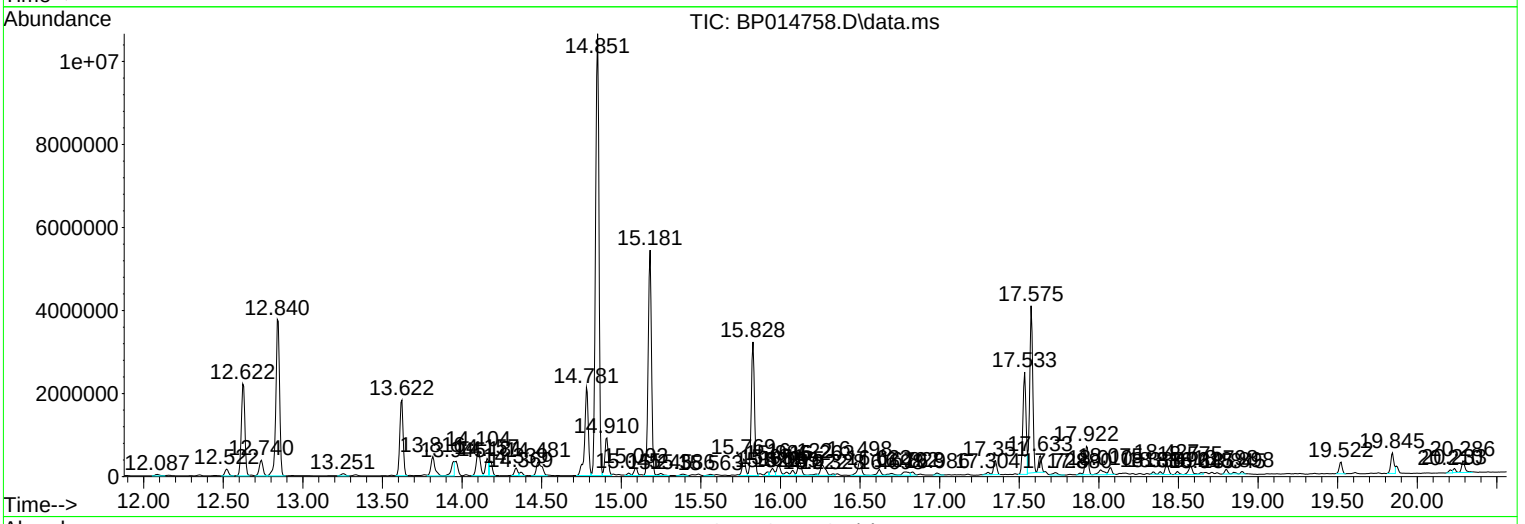
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

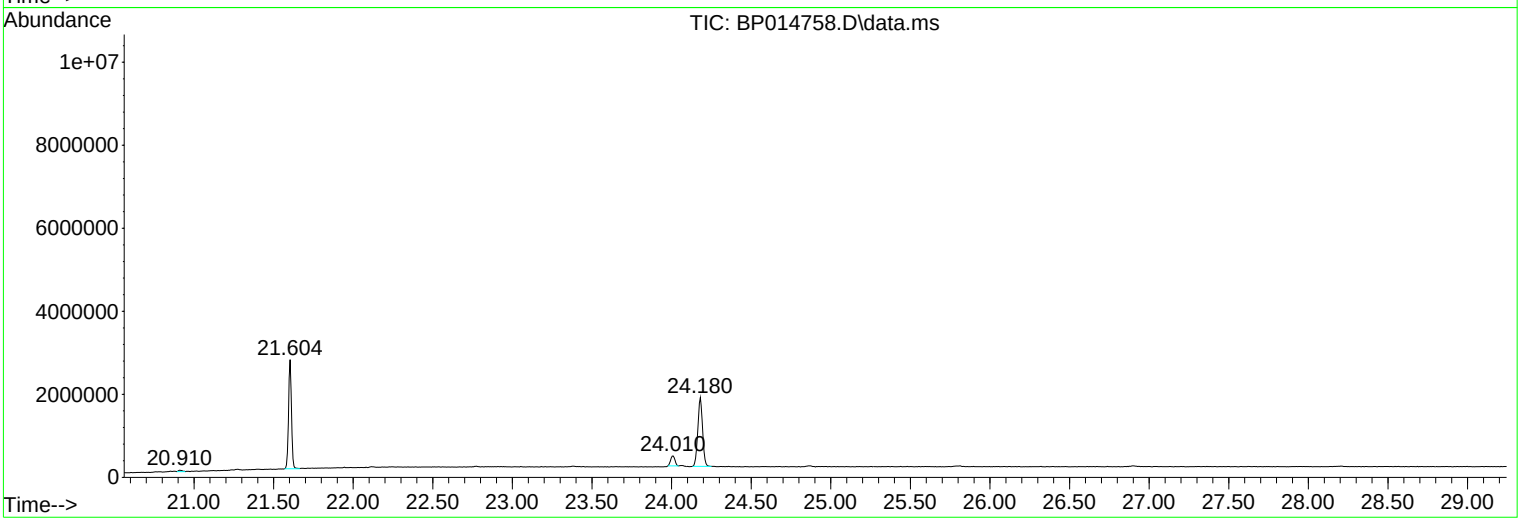
Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

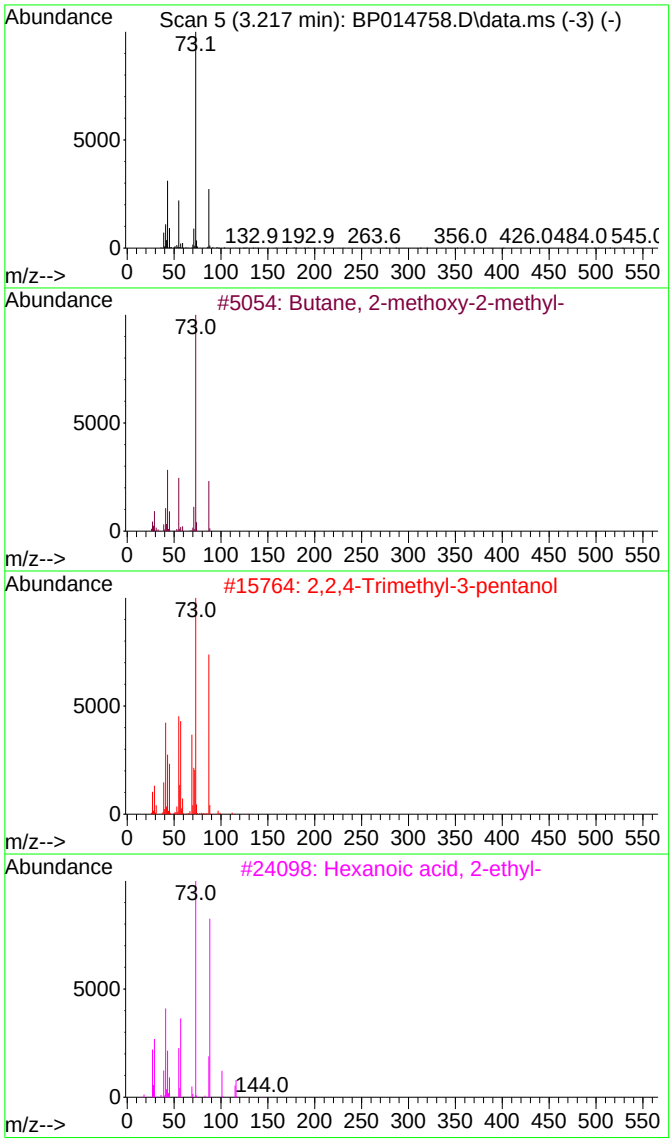
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

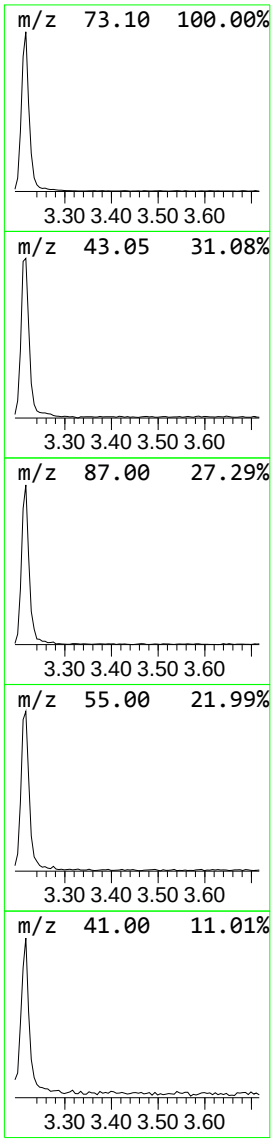
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	2.05 ng/ul	173407	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	36
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

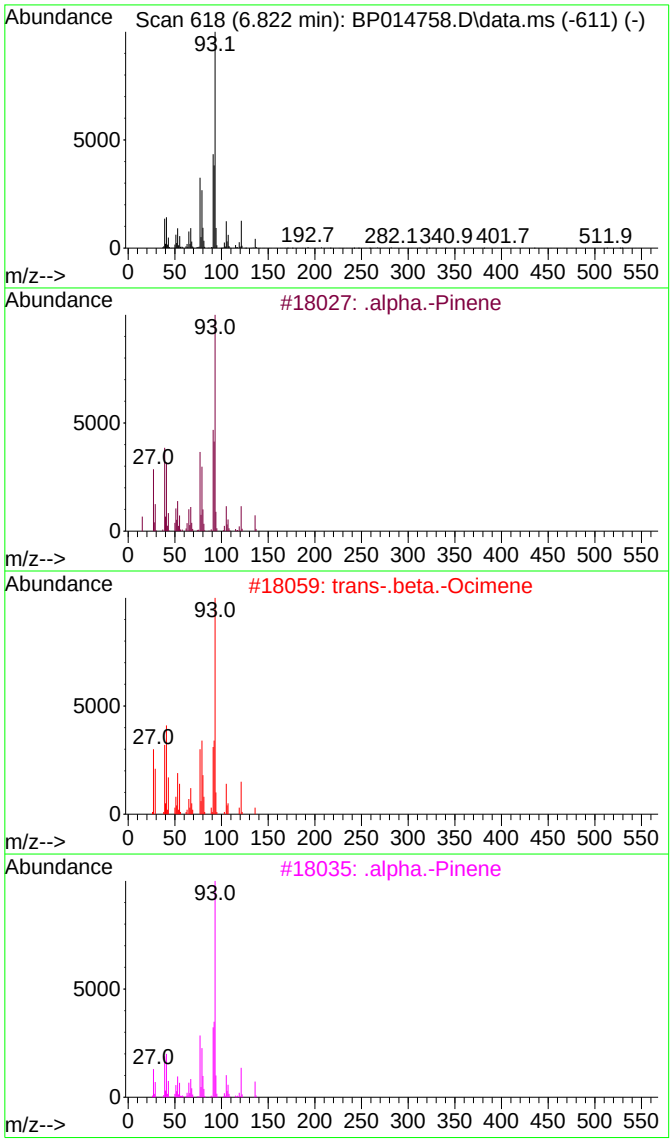
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

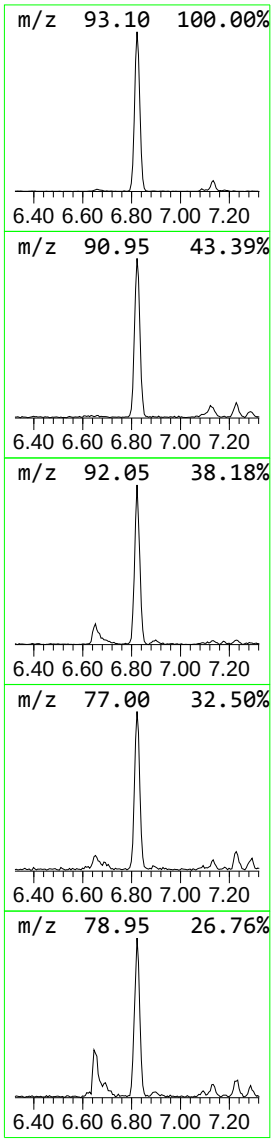
****

Peak Number 2 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.822	3.25 ng/ul	275142	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

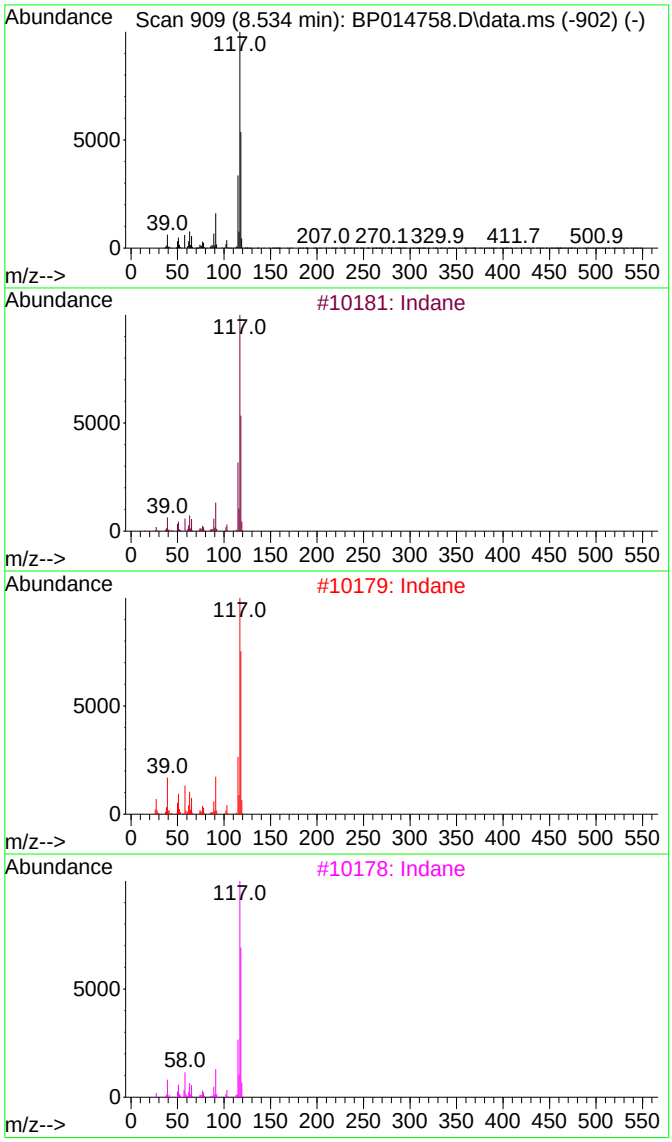
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

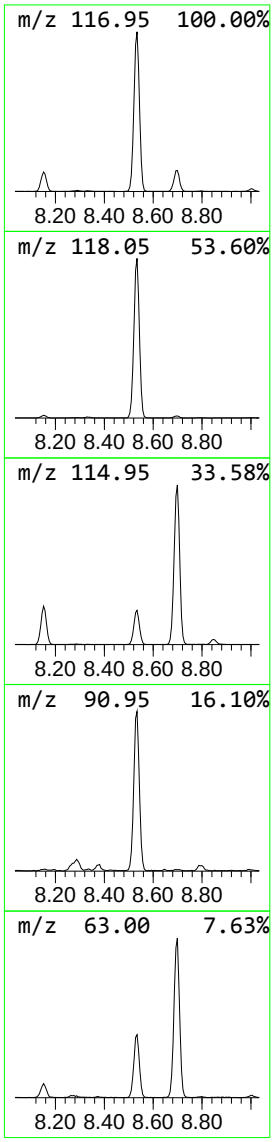
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	15.81 ng/ul	1339480	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

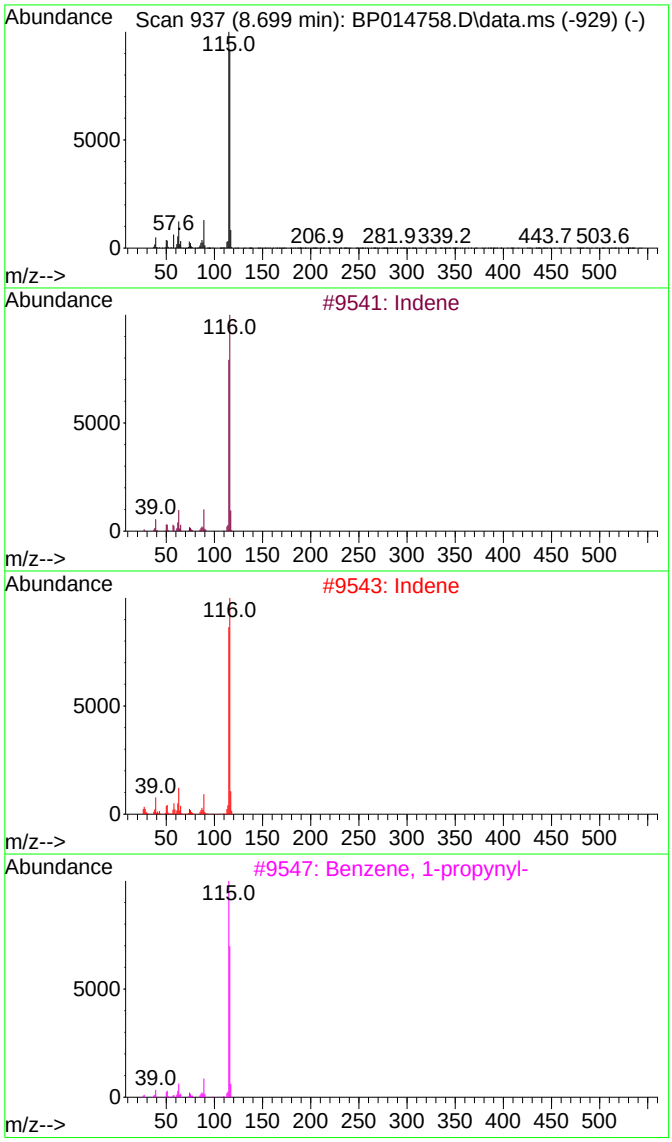
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

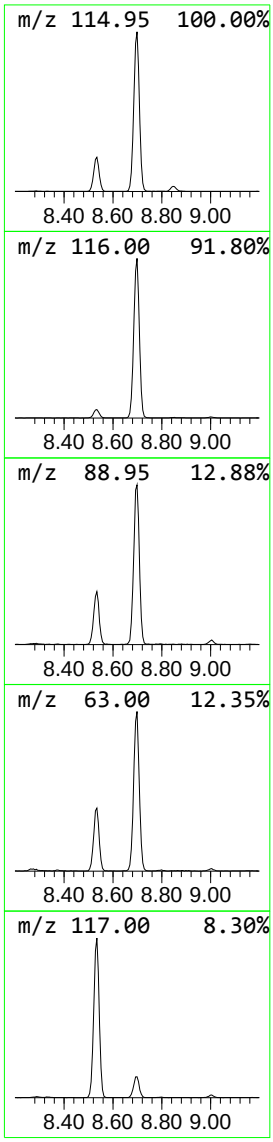
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.699	24.66 ng/ul	2089960	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

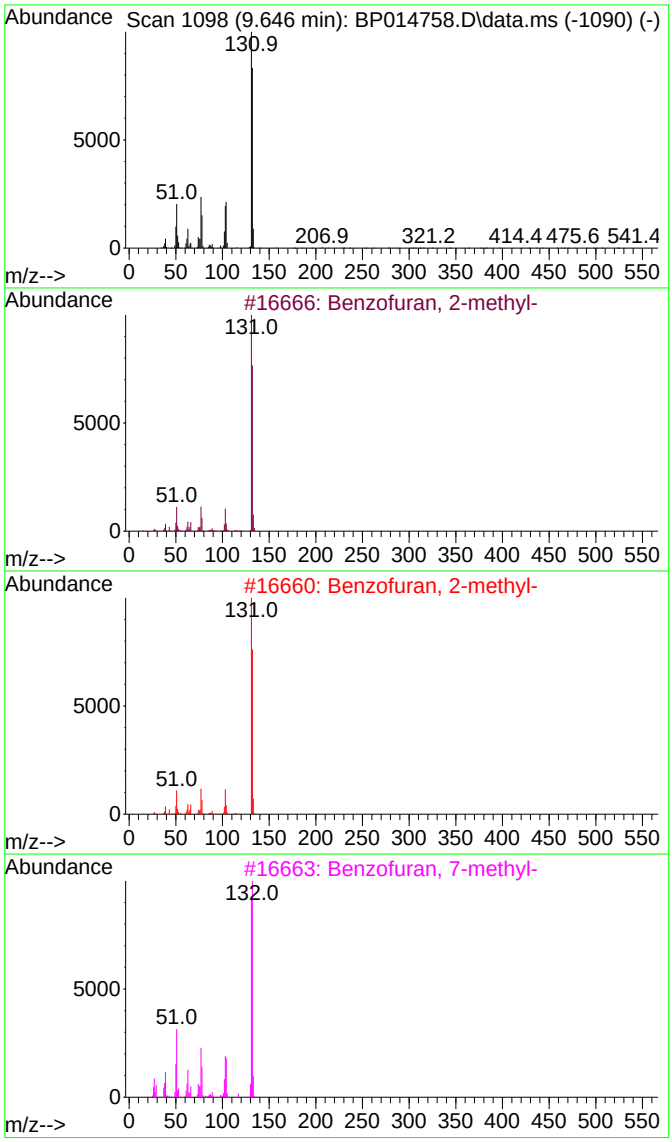
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

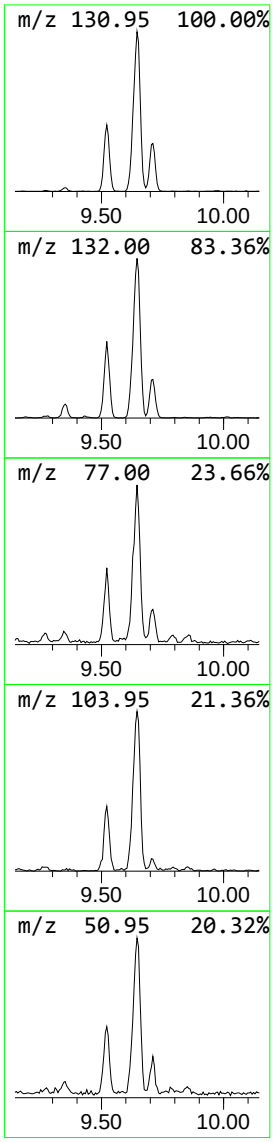
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.646	2.93 ng/ul	365680	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

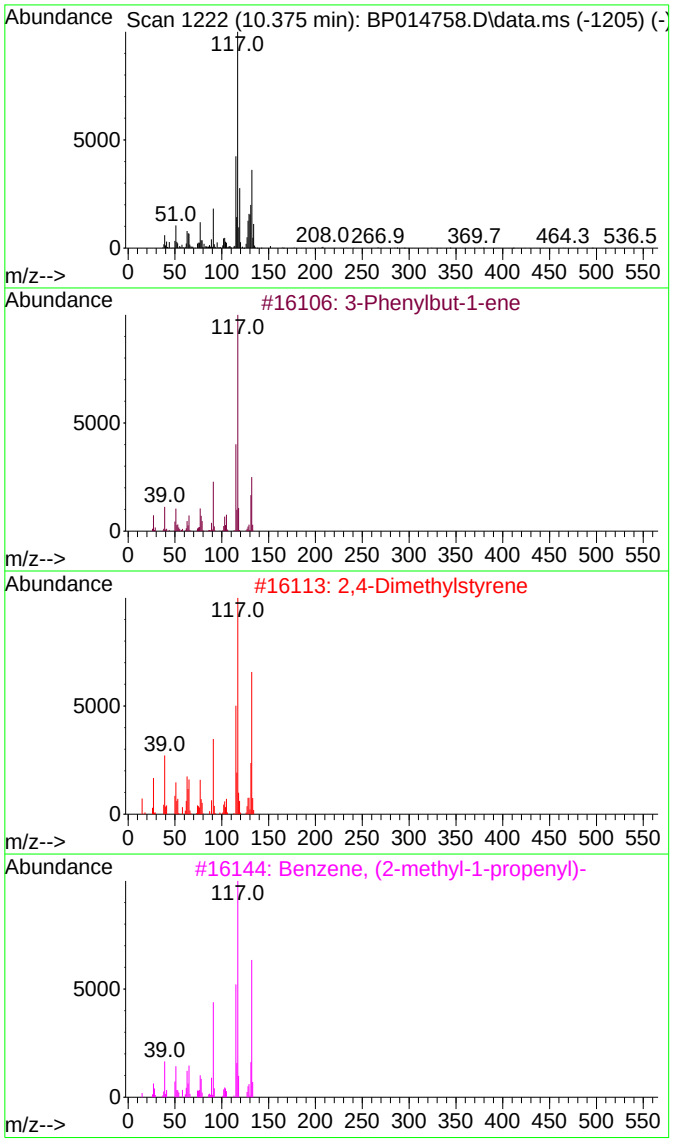
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

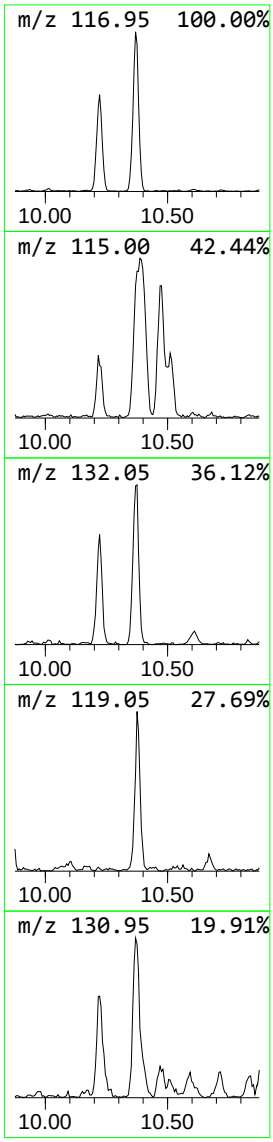
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.375	2.79 ng/ul	348014	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

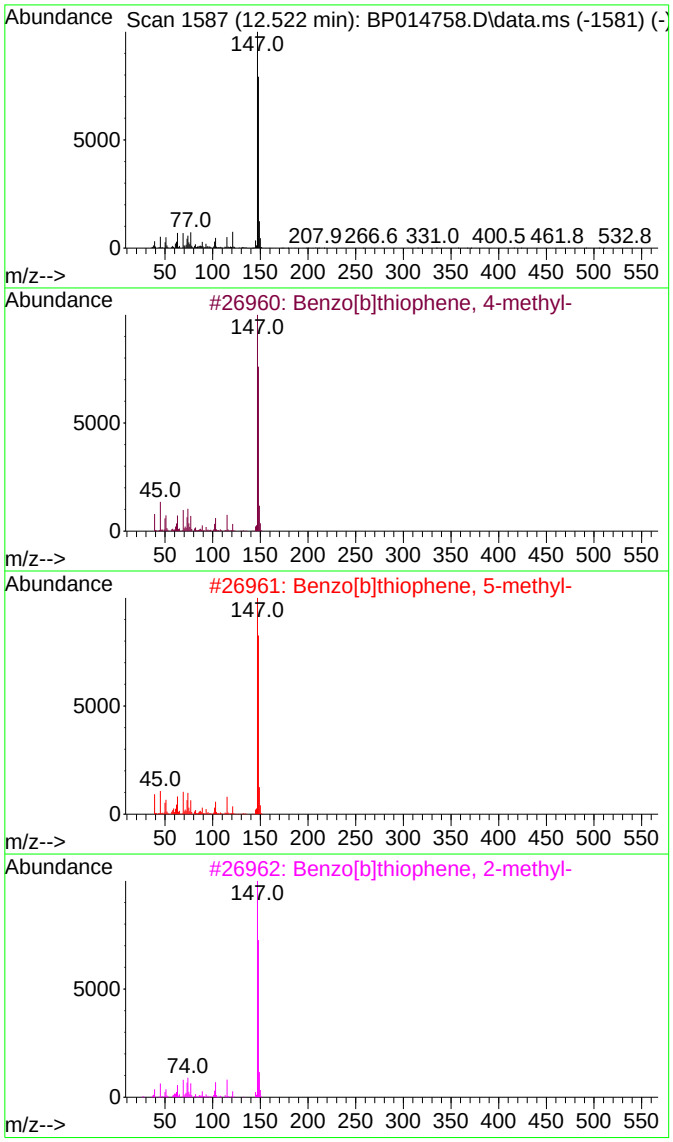
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

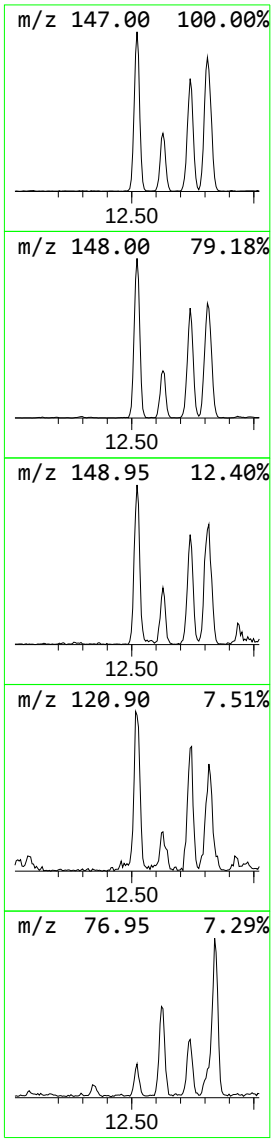
****

Peak Number 7 Benzo[b]thiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.05 ng/ul	256443	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

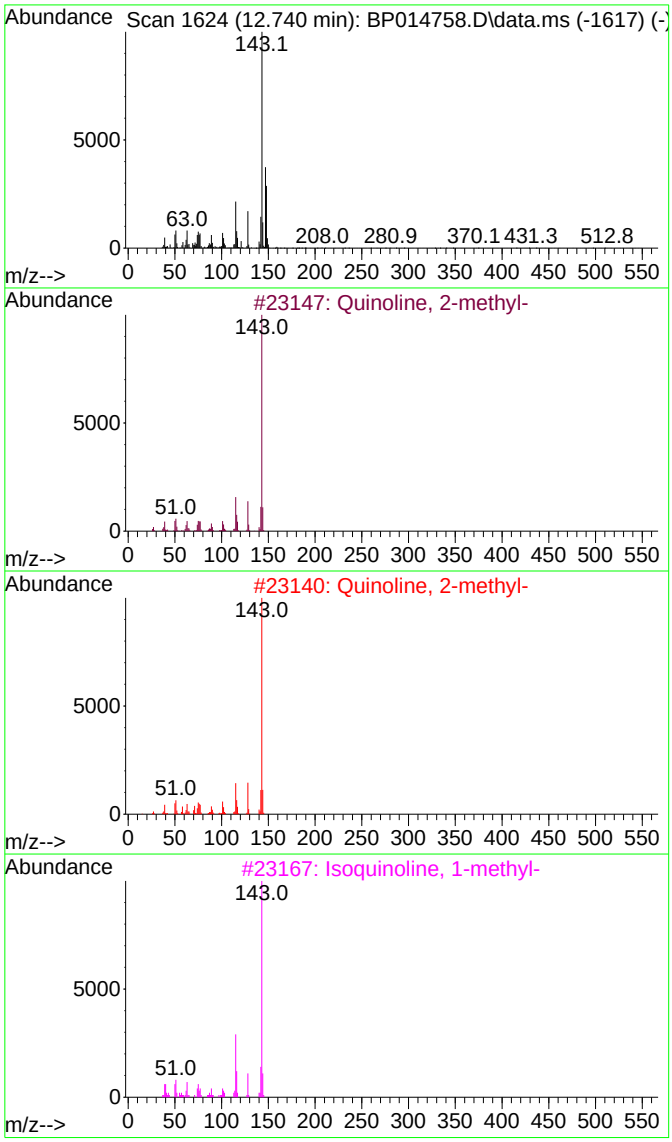
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

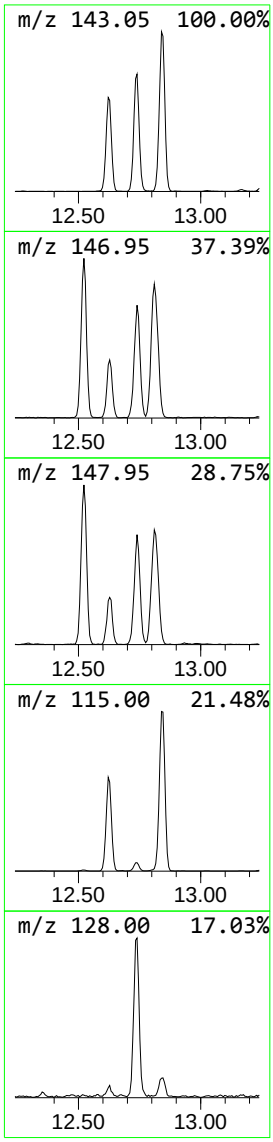
****

Peak Number 8 Quinoline, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.740	4.82 ng/ul	601947	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	95
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	92
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	92
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	70
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

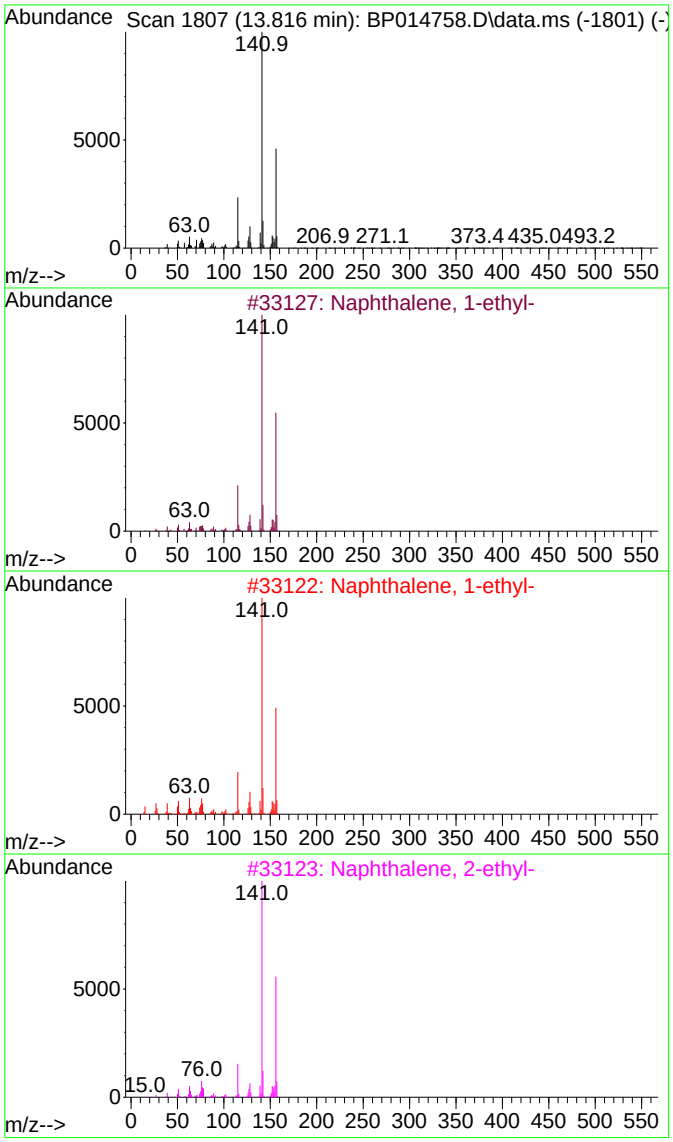
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

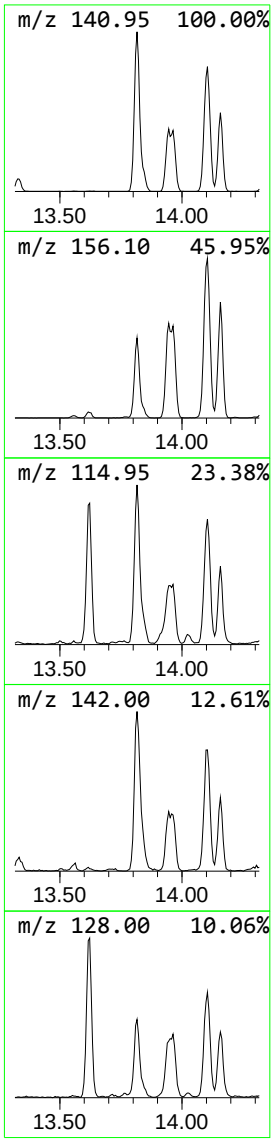
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	4.68 ng/ul	809515	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

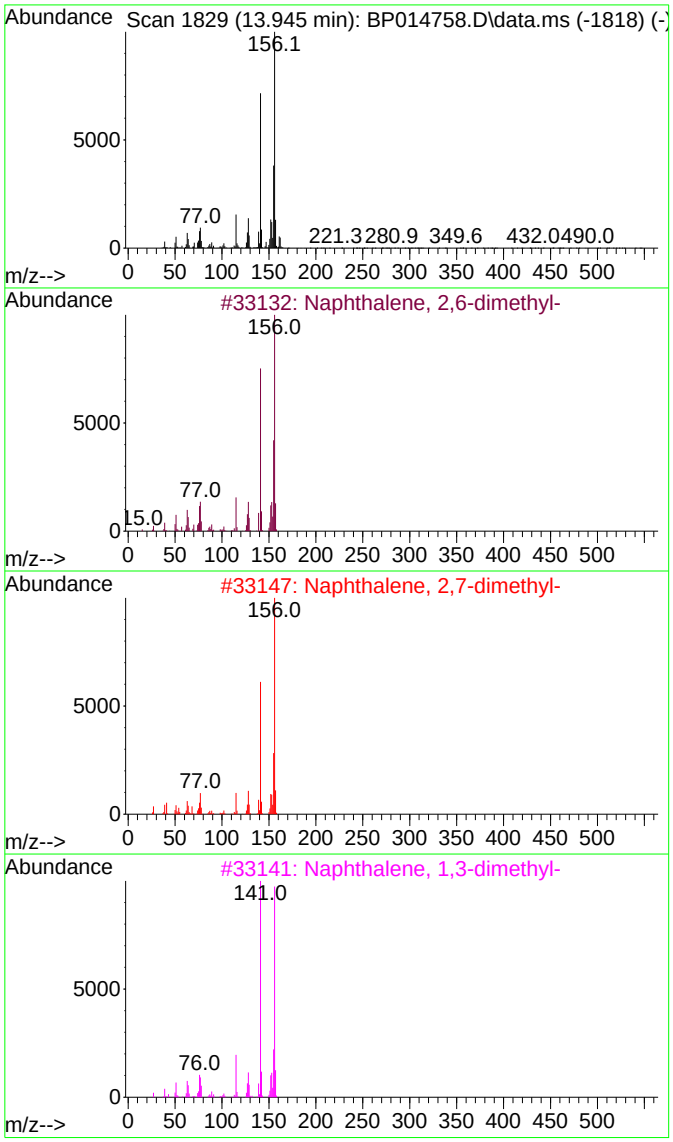
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

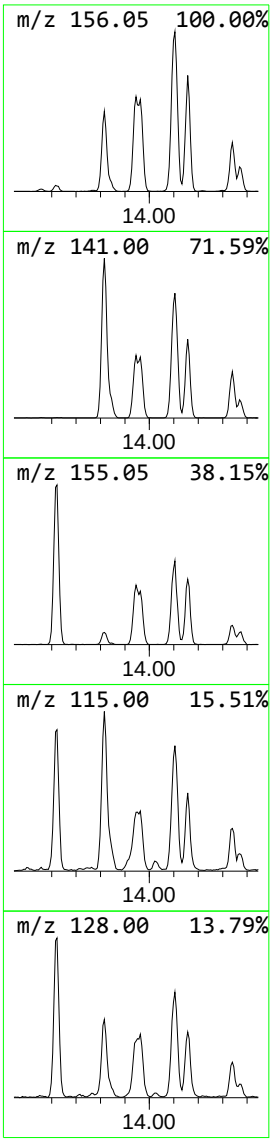
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	2.96 ng/ul	512938	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

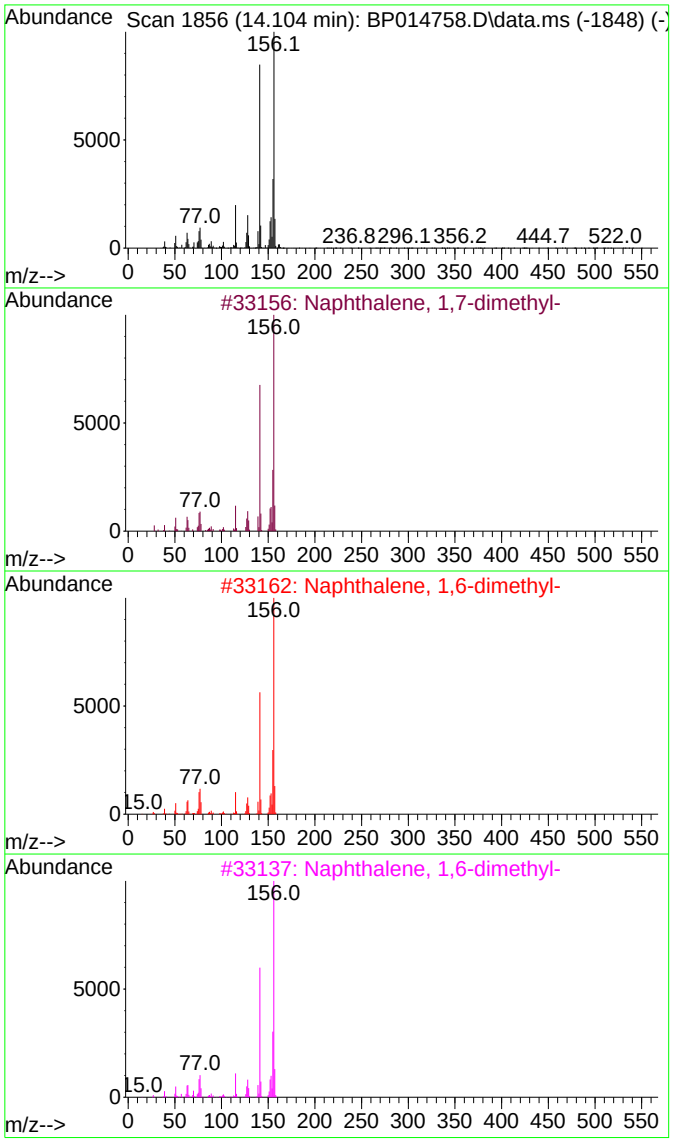
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

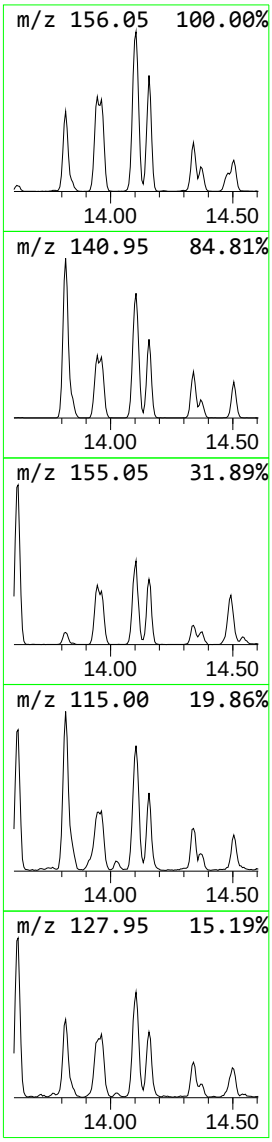
****

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	6.08 ng/ul	1052710	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

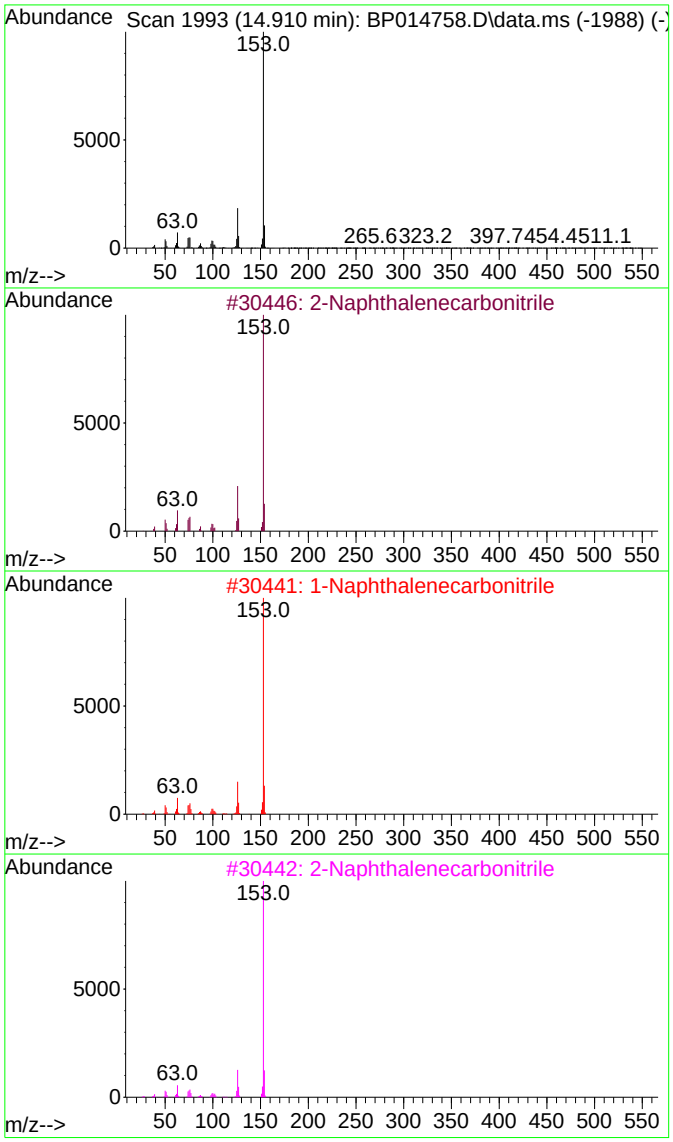
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

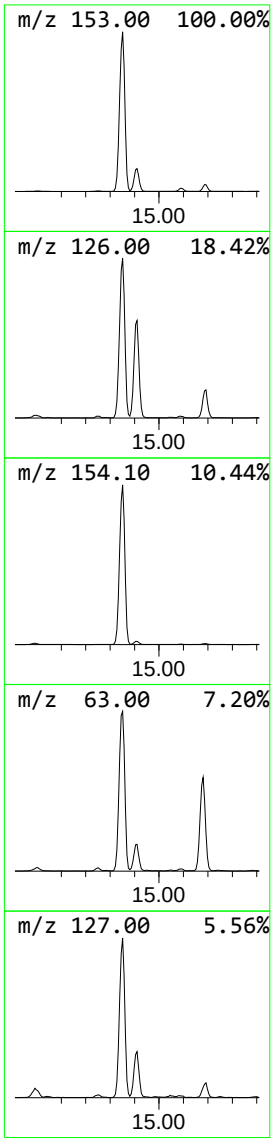
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	7.76 ng/ul	1342070	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

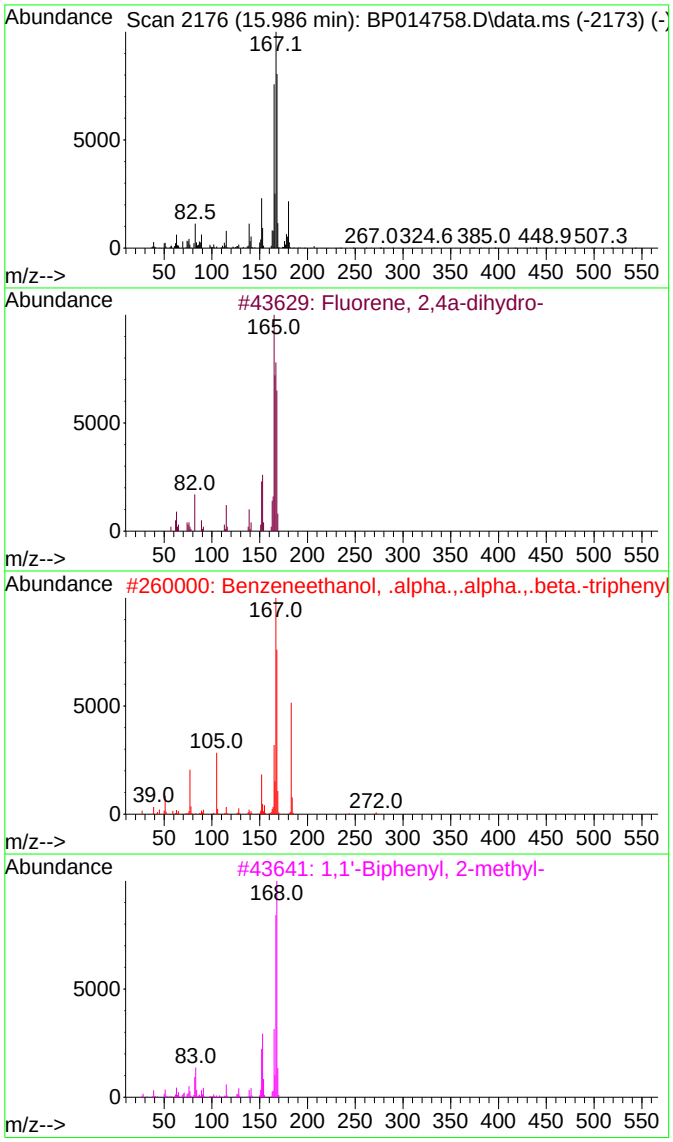
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

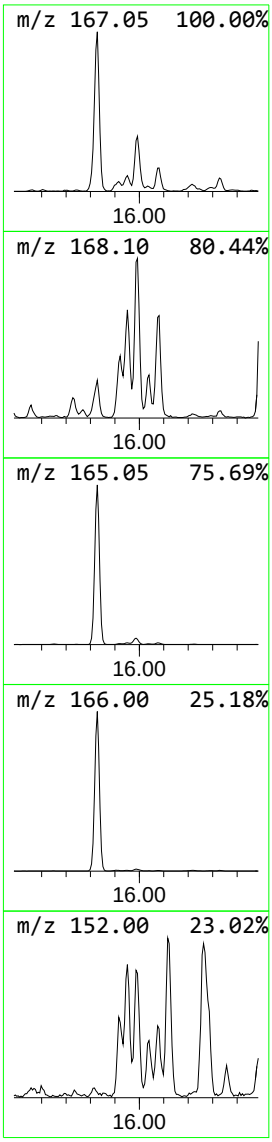
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluorene, 2,4a-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	2.33 ng/ul	402828	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
2	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	53
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	46
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

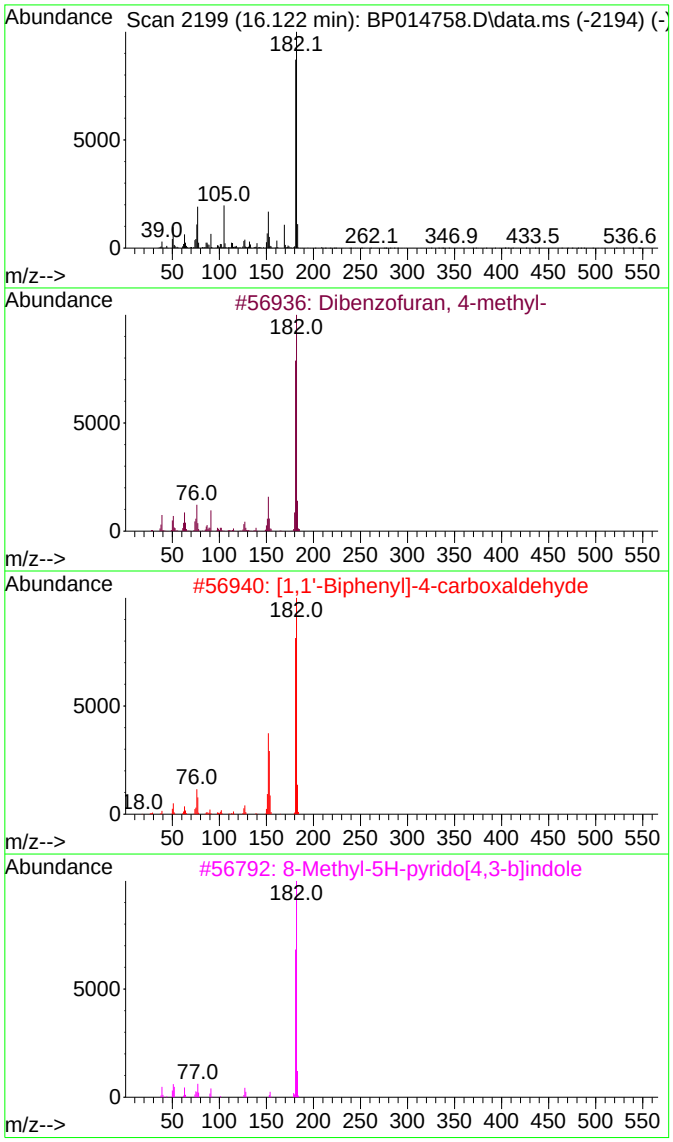
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

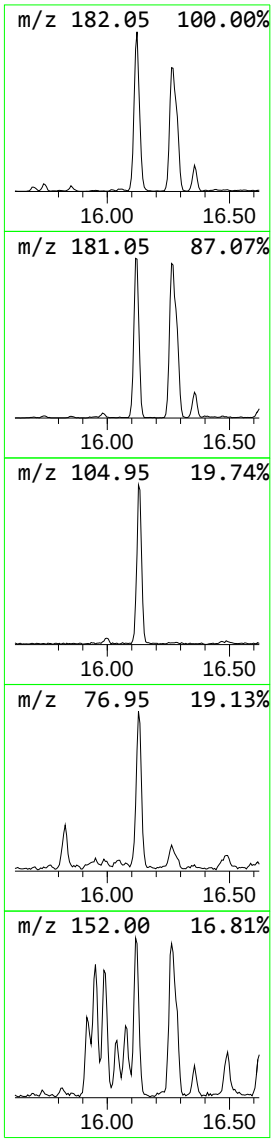
****

Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	3.06 ng/ul	529781	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	53
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	50
5	9H-Xanthene	182	C13H10O	000092-83-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

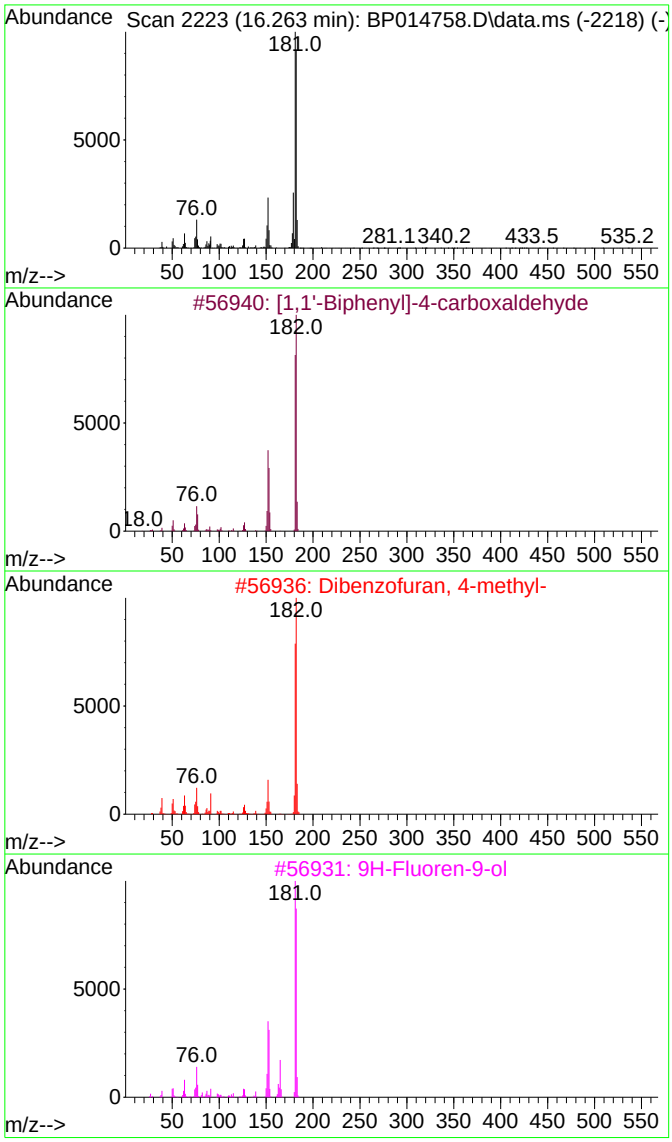
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

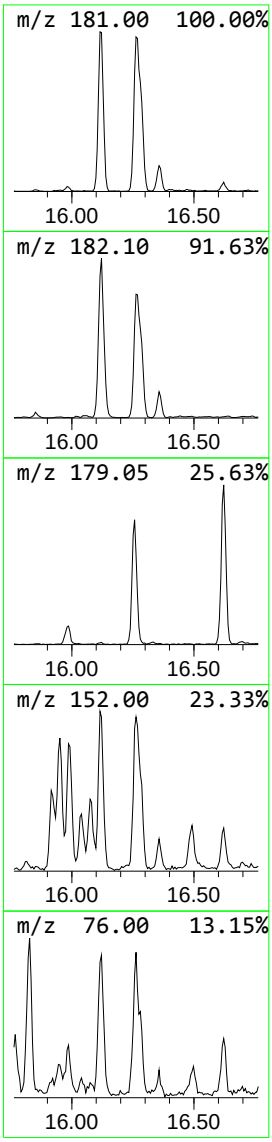
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	3.18 ng/ul	552324	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	9H-Xanthene	182	C13H10O	000092-83-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

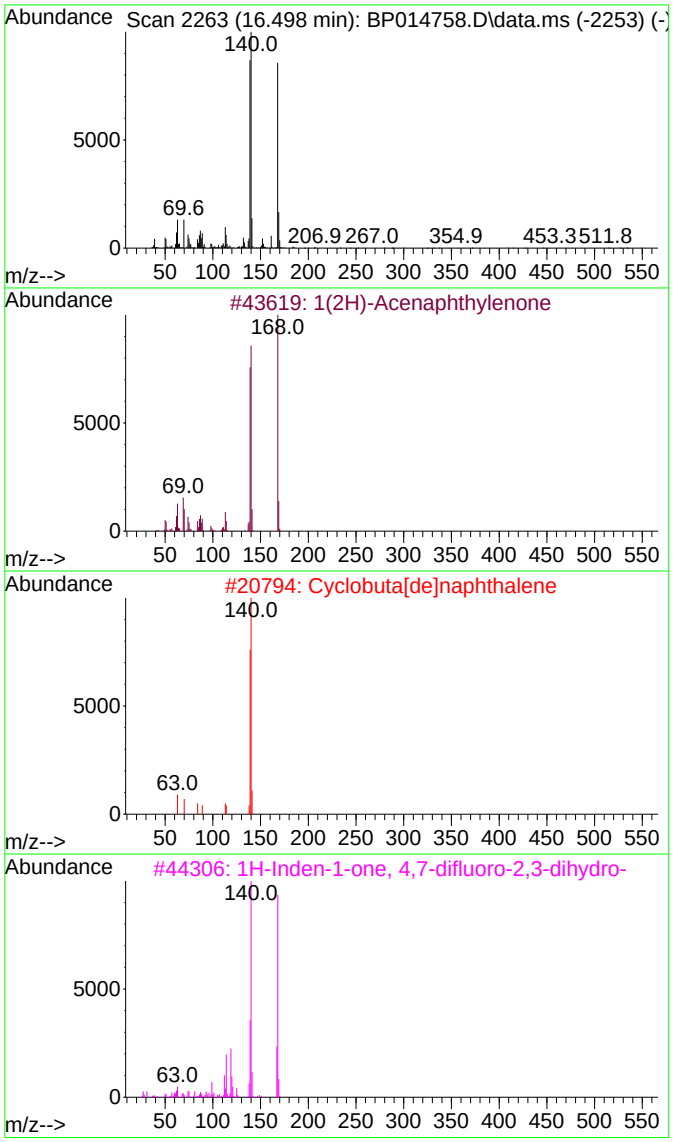
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

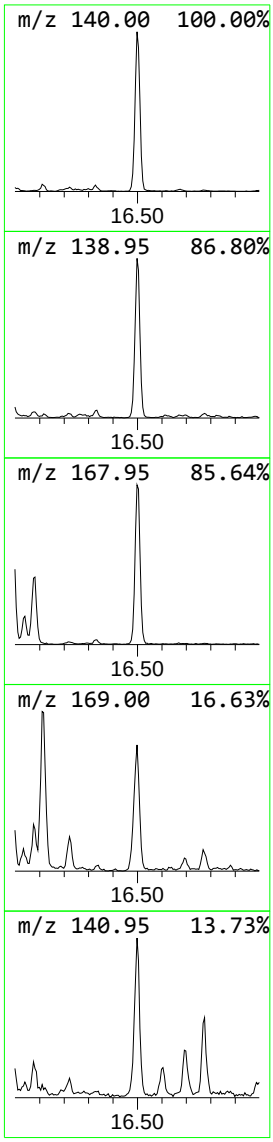
****

Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	3.42 ng/ul	592526	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	53
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4	Ethyl maltol	140	C7H8O3	004940-11-8	46
5	Ethyl maltol	140	C7H8O3	004940-11-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

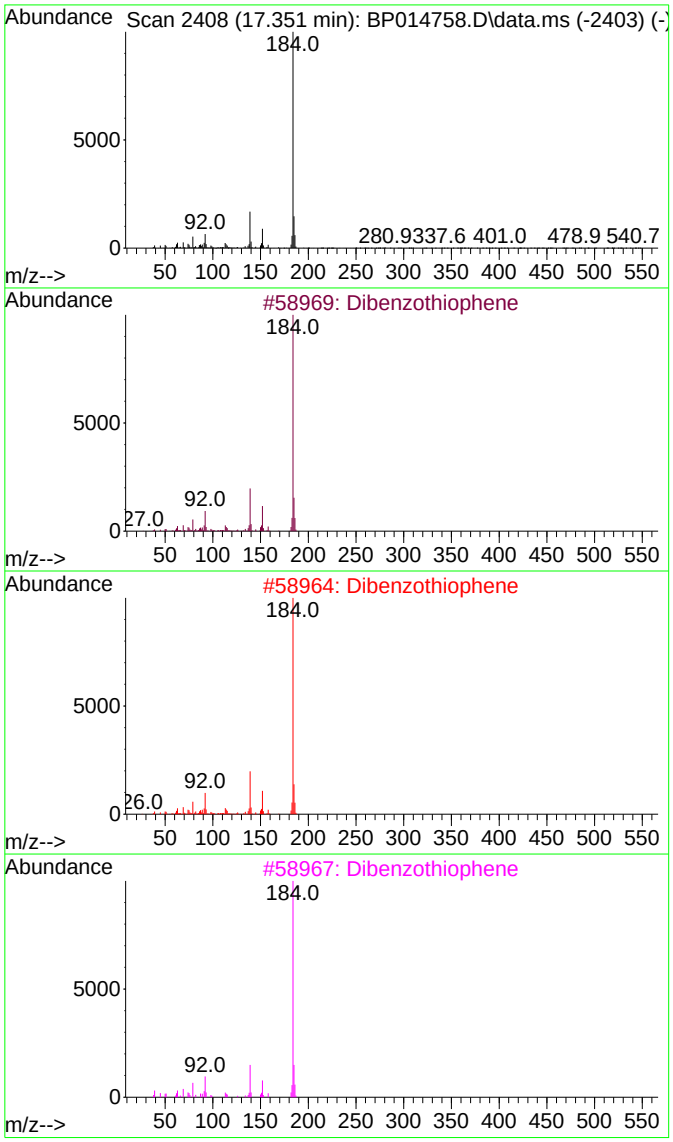
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

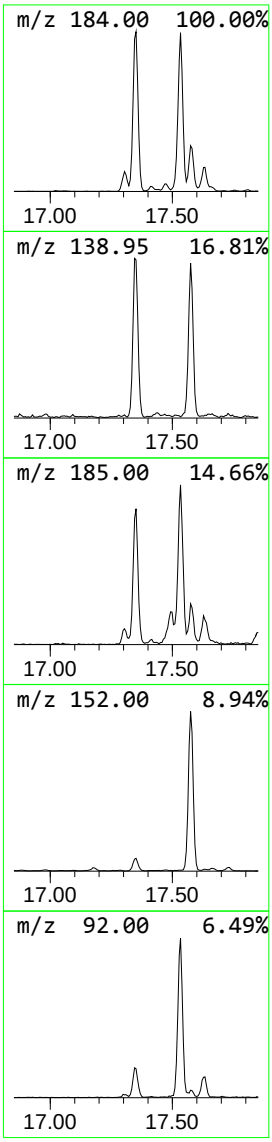
****

Peak Number 17 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.351	2.78 ng/ul	481804	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

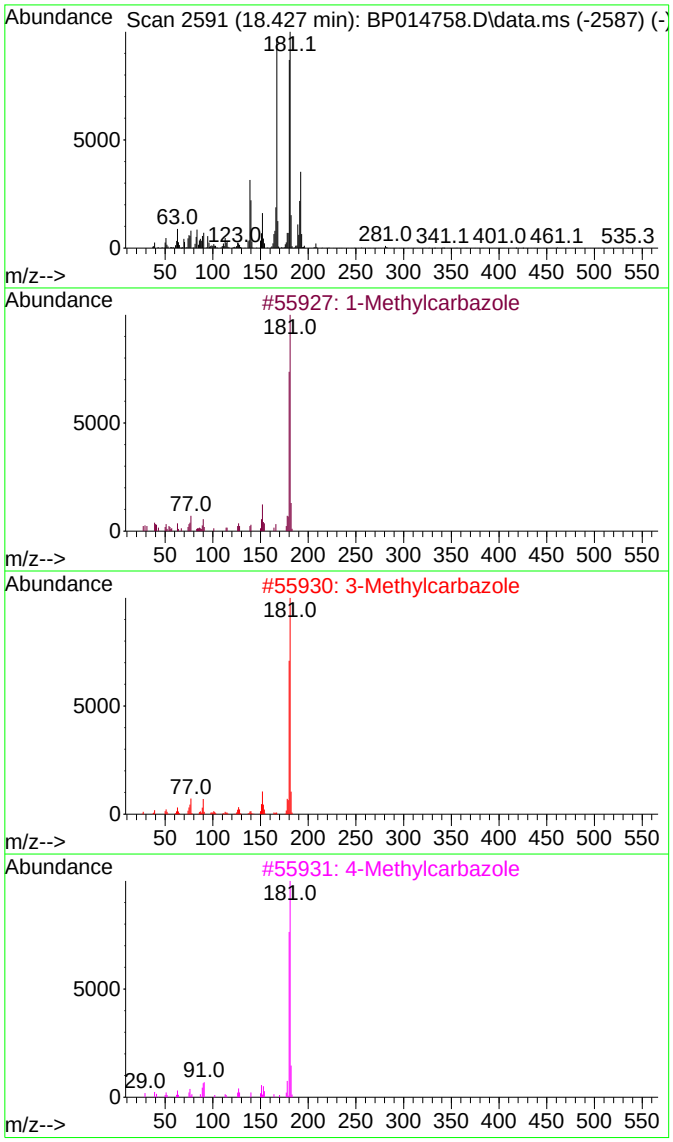
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

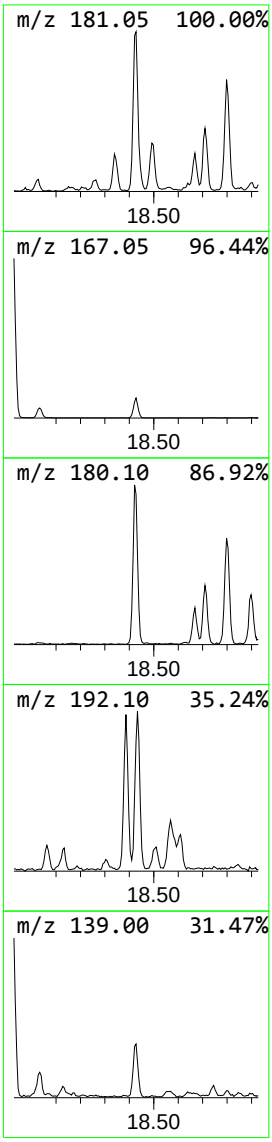
****

Peak Number 18 1-Methylcarbazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	2.20 ng/ul	381895	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	60
2	3-Methylcarbazole	181	C13H11N	004630-20-0	50
3	4-Methylcarbazole	181	C13H11N	003770-48-7	50
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	50
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

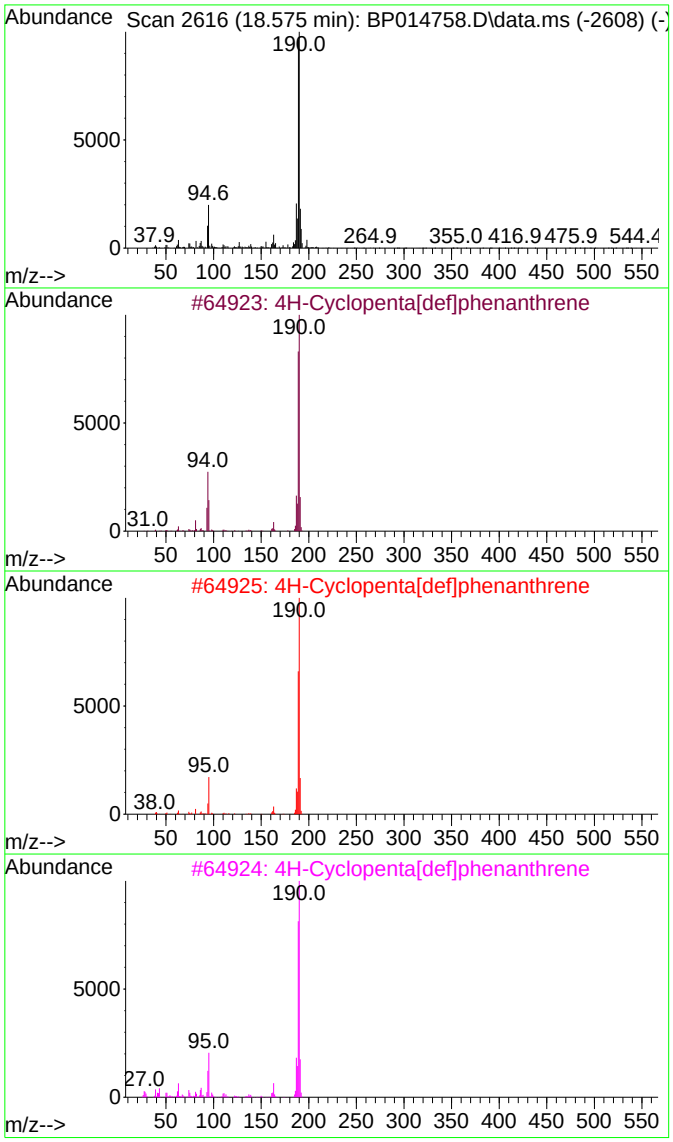
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

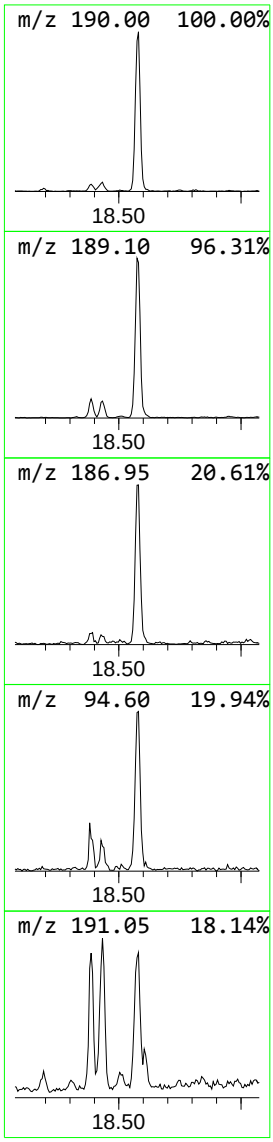
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	2.12 ng/ul	367737	Phenanthrene-d10	17.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

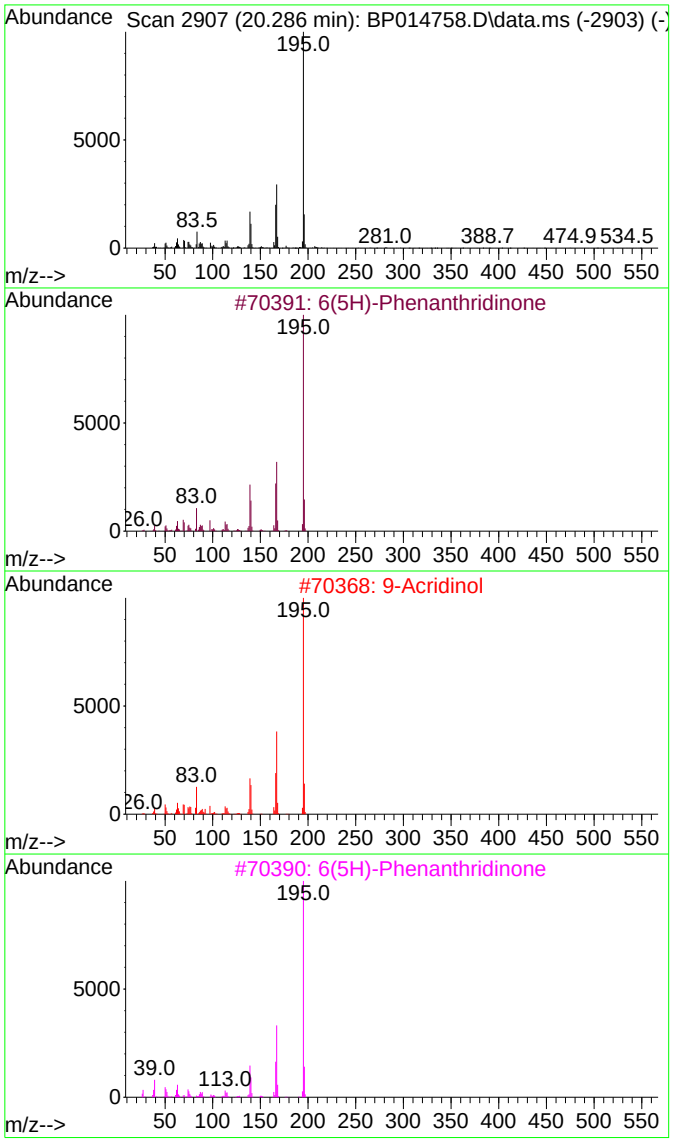
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

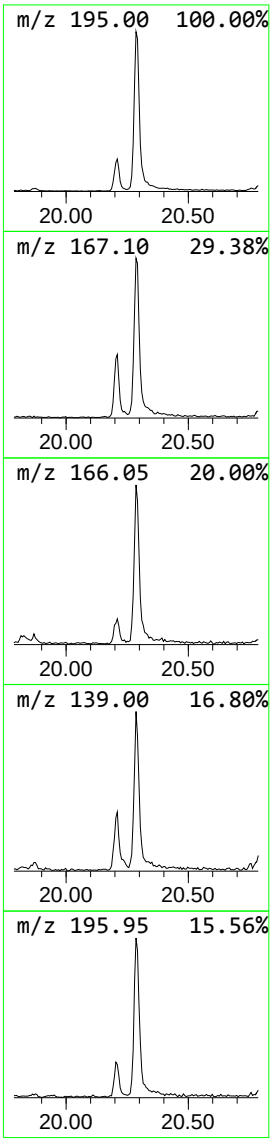
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 6(5H)-Phenanthridinone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	2.48 ng/ul	417445	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	9-Acridinol	195	C13H9NO	000643-62-9	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	3-Acridinol	195	C13H9NO	007132-70-9	96
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014758.D
Acq On : 20 Apr 2023 16:17
Operator : CG/JU
Sample : 02296-09DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.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
Butane, 2-metho...	3.217	2.0	ng/ul	173407	1	8.152	1694900	20.0
.alpha.-Pinene	6.822	3.3	ng/ul	275142	1	8.152	1694900	20.0
Indane	8.534	15.8	ng/ul	1339480	1	8.152	1694900	20.0
Indene	8.699	24.7	ng/ul	2089960	1	8.152	1694900	20.0
Benzofuran, 2-m...	9.646	2.9	ng/ul	365680	2	10.981	2498410	20.0
3-Phenylbut-1-ene	10.375	2.8	ng/ul	348014	2	10.981	2498410	20.0
Benzo[b]thiophe...	12.522	2.0	ng/ul	256443	2	10.981	2498410	20.0
Quinoline, 2-me...	12.740	4.8	ng/ul	601947	2	10.981	2498410	20.0
Naphthalene, 1-...	13.816	4.7	ng/ul	809515	3	14.781	3460780	20.0
Naphthalene, 2,...	13.945	3.0	ng/ul	512938	3	14.781	3460780	20.0
Naphthalene, 1,...	14.104	6.1	ng/ul	1052710	3	14.781	3460780	20.0
2-Naphthaleneca...	14.910	7.8	ng/ul	1342070	3	14.781	3460780	20.0
Fluorene, 2,4a-...	15.986	2.3	ng/ul	402828	3	14.781	3460780	20.0
Dibenzofuran, 4...	16.122	3.1	ng/ul	529781	3	14.781	3460780	20.0
[1,1'-Biphenyl]...	16.263	3.2	ng/ul	552324	4	17.533	3469050	20.0
1(2H)-Acenaphth...	16.498	3.4	ng/ul	592526	4	17.533	3469050	20.0
Dibenzothiophene	17.351	2.8	ng/ul	481804	4	17.533	3469050	20.0
1-Methylcarbazole	18.427	2.2	ng/ul	381895	4	17.533	3469050	20.0
4H-Cyclopenta[d...	18.575	2.1	ng/ul	367737	4	17.533	3469050	20.0
6(5H)-Phenanthr...	20.286	2.5	ng/ul	417445	5	21.604	3364660	20.0