LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF74

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-BP122723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	31	rVB	33350	45554	0.31%	0.045%
2	3.664	94	98	111	rBV	180968	294494	2.02%	0.293%
3	3.764	111	115	121	rVB3	30310	44439	0.31%	0.044%
4	3.875	131	134	142	rVB2	15934	24207	0.17%	0.024%
5	3.970	148	150	157	rVB	13301	19589	0.13%	0.019%
6	4.899	303	308	314	rBV	26124	39898	0.27%	0.040%
7	6.305	542	547	553	rBV2	51116	74495	0.51%	0.074%
8	6.464	568	574	582	rVB	60224	97714	0.67%	0.097%
9	6.816	630	634	642	rVB3	15978	28752	0.20%	0.029%
10	6.987	649	663	675	rBV	442482	725806	4.99%	0.722%
11	7.093	675	681	684	rVV	61839	94238	0.65%	0.094%
12	7.134	684	688	697	rVB	357426	546836	3.76%	0.544%
13	7.328	715	721	734	rBV	462352	749161	5.15%	0.746%
14	7.681	777	781	787	rVB3	21025	34583	0.24%	0.034%
15	7.793	792	800	808	rBV	684759	1099684	7.56%	1.094%
16	7.928	820	823	831	rVB4	8225	14822	0.10%	0.015%
17	8.011	831	837	841	rBV5	12583	20843	0.14%	0.021%
18	8.458	907	913	918	rBV	35479	54768	0.38%	0.055%
19	8.522	918	924	935	rVV	484642	799924	5.50%	0.796%
20	8.634	937	943	948	rVB	19788	33921	0.23%	0.034%
21	8.963	992	999	1011	rVB	417099	692484	4.76%	0.689%
22	9.381	1062	1070	1074	rBV10	15621	33971	0.23%	0.034%
23	9.552	1094	1099	1104	rVV4	14883	26187	0.18%	0.026%
24	9.681	1114	1121	1131	rBV	362885	604456	4.15%	0.602%
25	9.905	1148	1159	1163	rBV9	15473	42956	0.30%	0.043%
26	10.228	1204	1214	1229	rBV	519189	939918	6.46%	0.935%
27	10.593	1268	1276	1285	rVB	829475	1365822	9.39%	1.359%
28	10.752	1296	1303	1312	rBV	40216	80351	0.55%	0.080%
29	10.904	1324	1329	1336	rVB8	7914	16705	0.11%	0.017%
30	10.975	1336	1341	1350	rBV8	10794	25811	0.18%	0.026%
31	11.399	1408	1413	1421	rBV8	11638	26410	0.18%	0.026%
32	11.687	1456	1462	1467	rVB9	10102	22103	0.15%	0.022%
33	11.846	1485	1489	1494	rVB8	8010	14633	0.10%	0.015%
34	12.181	1539	1546	1553	rVB5	12654	34990	0.24%	0.035%
35	12.393	1574	1582	1587	rBV5	12310	29547	0.20%	0.029%
36	12.675	1623	1630	1636	rBV3	35792	65098	0.45%	0.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
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Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

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-BP122723.MA.M
Title : SVOA CALIBRATION

37	12.793	1645	1650	1653	rBV6	11490	19564	0.13%	0.019%
38	12.940	1670	1675	1684	rVB	98500	150631	1.04%	0.150%
39	13.028	1685	1690	1694	rBV5	9716	17785	0.12%	0.018%
40	13.116	1701	1705	1709	rBV3	31713	39964	0.27%	0.040%
41	13.163	1709	1713	1717	rVB3	42110	54889	0.38%	0.055%
42	13.216	1717	1722	1729	rBV	79328	125564	0.86%	0.125%
43	13.281	1729	1733	1735	rBV5	23520	32022	0.22%	0.032%
44	13.334	1735	1742	1747	rVB3	89689	152872	1.05%	0.152%
45	13.381	1747	1750	1754	rVB2	32333	42530	0.29%	0.042%
46	13.440	1754	1760	1765	rBV	353551	521311	3.58%	0.519%
47	13.575	1777	1783	1787	rBV3	219551	393832	2.71%	0.392%
48	13.610	1787	1789	1797	rVB3	123275	186153	1.28%	0.185%
49	13.698	1798	1804	1809	rBV	2987330	4634866	31.86%	4.612%
50	13.746	1809	1812	1822	rVV2	755951	1193043	8.20%	1.187%
51	13.857	1823	1831	1836	rVV	1020339	1523894	10.47%	1.517%
52	13.898	1836	1838	1842	rVV4	75035	111413	0.77%	0.111%
53	13.951	1842	1847	1853	rVB	590761	907146	6.24%	0.903%
54	14.134	1865	1878	1887	rBV	1065150	1768941	12.16%	1.760%
55	14.216	1887	1892	1895	rVV3	54736	104889	0.72%	0.104%
56	14.257	1895	1899	1907	rVV3	140385	297282	2.04%	0.296%
57	14.334	1907	1912	1916	rVB2	304394	450543	3.10%	0.448%
58	14.393	1916	1922	1924	rBV7	33202	51582	0.35%	0.051%
59	14.440	1924	1930	1937	rVB	1224327	1953108	13.42%	1.944%
60	14.504	1937	1941	1944	rBV	69105	93677	0.64%	0.093%
61	14.587	1952	1955	1960	rVB5	41138	55501	0.38%	0.055%
62	14.687	1966	1972	1981	rVV2	761369	1210288	8.32%	1.204%
63	14.822	1990	1995	2001	rBV6	49746	104277	0.72%	0.104%
64	14.893	2004	2007	2009	rVV2	75946	96699	0.66%	0.096%
65	14.922	2009	2012	2017	rVB	163001	214207	1.47%	0.213%
66	14.992	2017	2024	2029	rBV2	242000	379899	2.61%	0.378%
67	15.045	2029	2033	2035	rBV2	90078	132748	0.91%	0.132%
68	15.075	2035	2038	2042	rVB2	147033	198424	1.36%	0.197%
69	15.269	2069	2071	2077	rVB6	27932	37124	0.26%	0.037%
70	15.440	2094	2100	2106	rVB	1340786	1937845	13.32%	1.928%
71	15.569	2118	2122	2126	rBV	344019	460639	3.17%	0.458%
72	15.610	2126	2129	2134	rVV4	58489	77830	0.53%	0.077%
73	15.675	2136	2140	2143	rVV2	142915	230773	1.59%	0.230%
74	15.728	2143	2149	2155	rVB	1934361	2832550	19.47%	2.819%
75	15.898	2175	2178	2180	rBV3	45030	58611	0.40%	0.058%
76	15.934	2180	2184	2188	rVB2	123875	183399	1.26%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Title : SVOA CALIBRATION

77	16.175	2219	2225	2232	rBV3	215724	445222	3.06%	0.443%
78	16.857	2334	2341	2352	rBV	9775769	14548314	100.00%	14.478%
79	16.981	2359	2362	2364	rBV	190612	239983	1.65%	0.239%
80	17.198	2394	2399	2404	rVB	1495232	2050108	14.09%	2.040%
81	17.298	2411	2416	2420	rBV	1465930	2049806	14.09%	2.040%
82	18.098	2545	2552	2561	rVB5	758721	1648912	11.33%	1.641%
83	18.957	2695	2698	2705	rBV3	300101	545911	3.75%	0.543%
84	19.022	2705	2709	2713	rVB2	1056494	1186570	8.16%	1.181%
85	19.410	2772	2775	2780	rVB2	731920	954709	6.56%	0.950%
86	19.545	2794	2798	2802	rBV	2103165	2594020	17.83%	2.581%
87	19.710	2823	2826	2833	rBV3	438620	691073	4.75%	0.688%
88	20.175	2903	2905	2909	rVV	286687	303556	2.09%	0.302%
89	20.239	2912	2916	2925	rVB2	1620399	2896712	19.91%	2.883%
90	20.404	2939	2944	2947	rBV	9351527	11304593	77.70%	11.250%
91	20.445	2947	2951	2961	rVB	4430634	6341242	43.59%	6.311%
92	21.010	3045	3047	3053	rVB2	652332	828581	5.70%	0.825%
93	21.098	3059	3062	3069	rVB2	773627	1182601	8.13%	1.177%
94	21.304	3092	3097	3108	rVB	2705020	3791395	26.06%	3.773%
95	21.869	3190	3193	3197	rBV	1004224	1238865	8.52%	1.233%
96	21.922	3197	3202	3214	rVB	2823387	4549791	31.27%	4.528%
97	23.521	3468	3474	3484	rVB2	1576597	3500622	24.06%	3.484%
98	23.674	3494	3500	3508	rVB	1576746	3119021	21.44%	3.104%
99	25.363	3781	3787	3796	rVB2	1041515	2570785	17.67%	2.558%

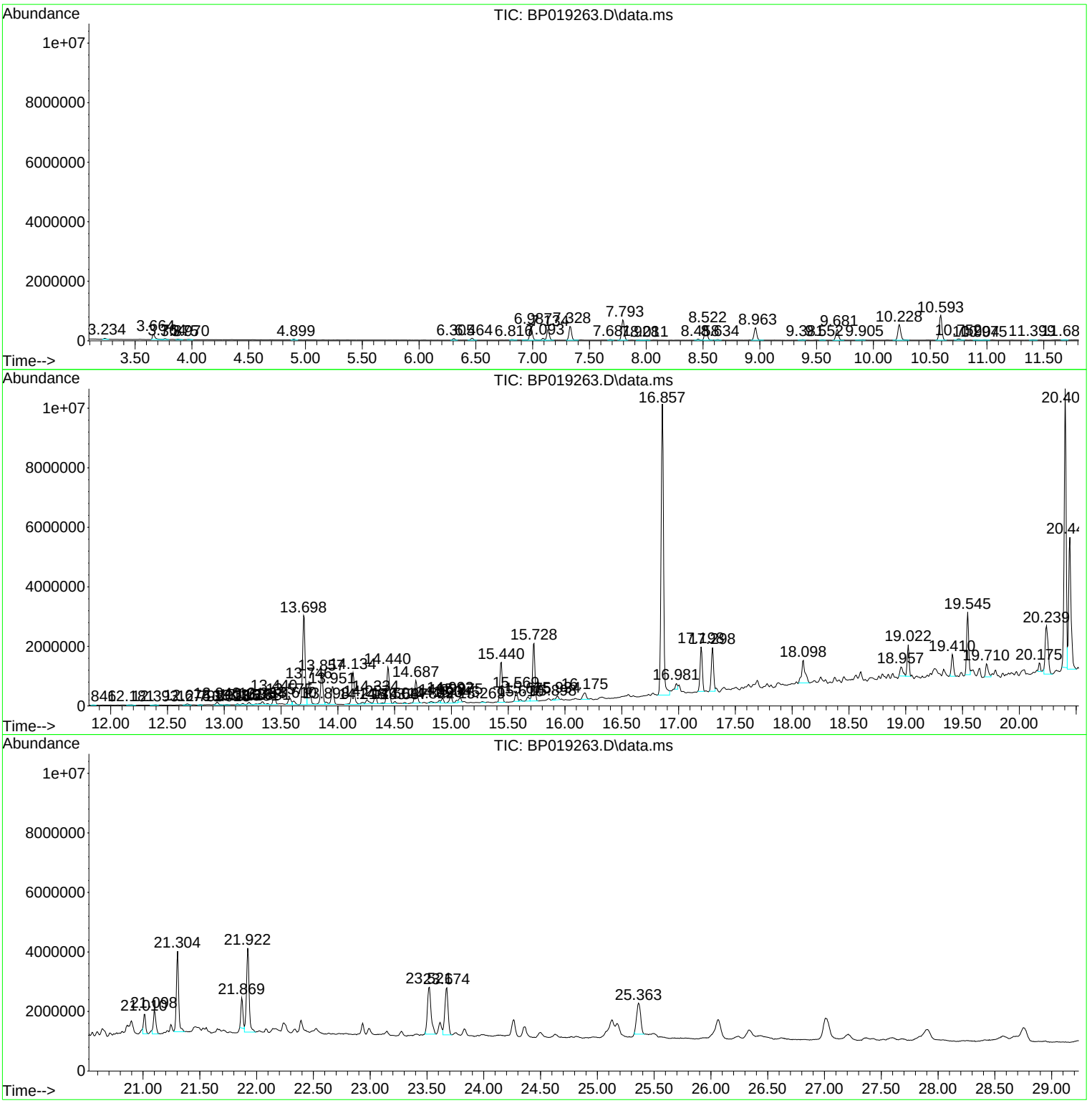
Sum of corrected areas: 100485877

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

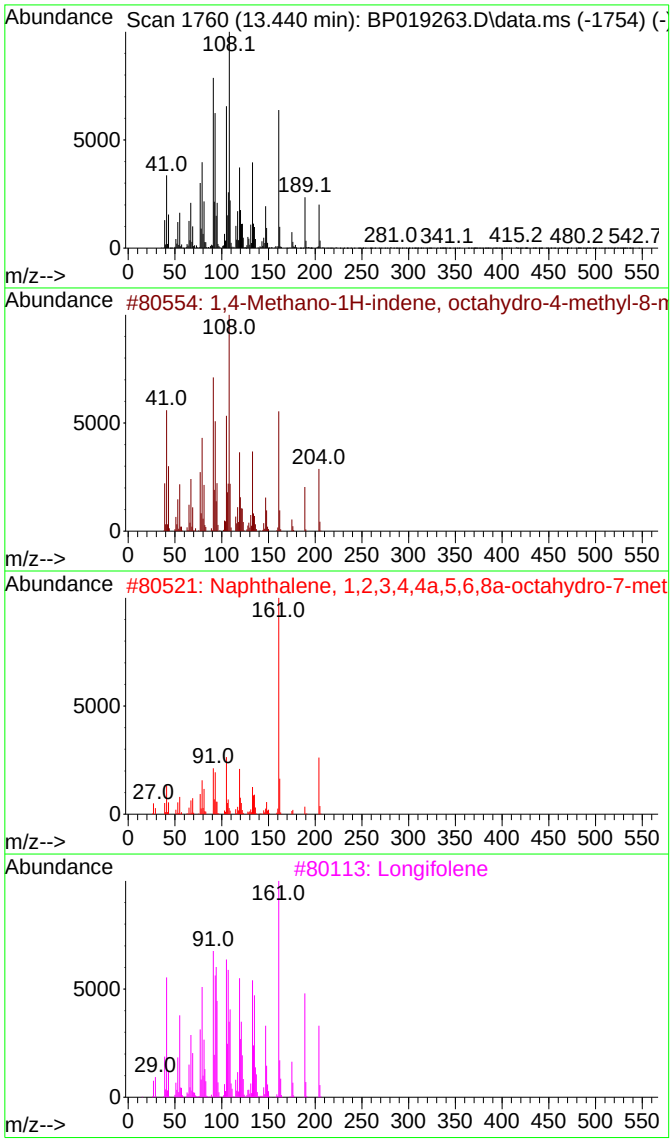
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

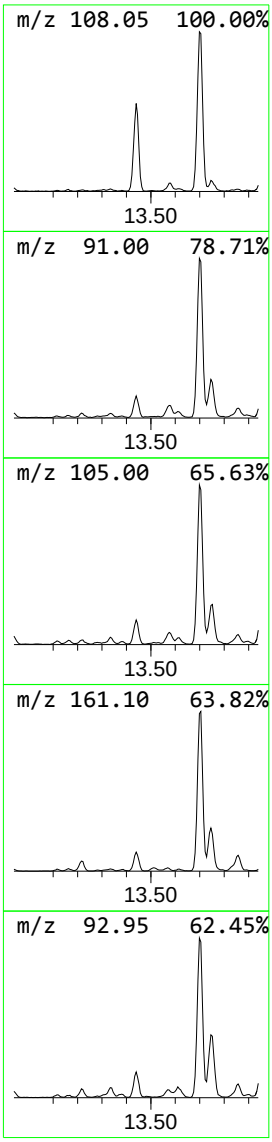
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,4-Methano-1H-indene, octa... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	5.34 ng/ul	521311	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	98
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	86
3	Longifolene	204	C15H24	000475-20-7	86
4	.gamma.-Muurolene	204	C15H24	030021-74-0	70
5	.beta.-Neoclovene	204	C15H24	056684-96-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

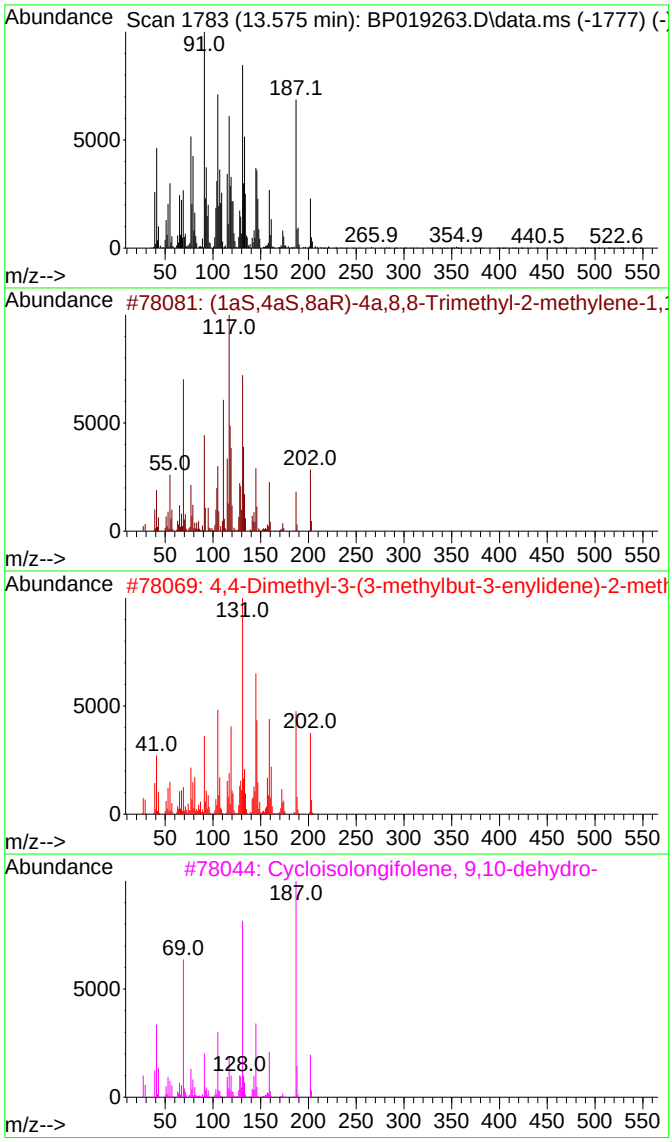
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

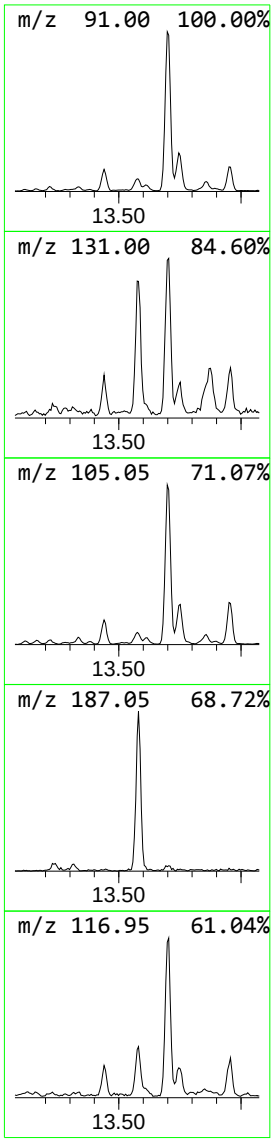
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1aS,4aS,8aR)-4a,8,8-Trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	4.03 ng/ul	393832	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1aS,4aS,8aR)-4a,8,8-Trimethyl-2...	202	C15H22	051446-91-4	83
2	4,4-Dimethyl-3-(3-methylbut-3-en...	202	C15H22	079718-83-5	78
3	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	60
4	1H-Indene, 5-hexyl-2,3-dihydro-	202	C15H22	054889-55-3	46
5	1-Hexen-3-ol, 5-nitro-1-phenyl-,...	221	C12H15NO3	103077-72-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
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Sample : 05951-10
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

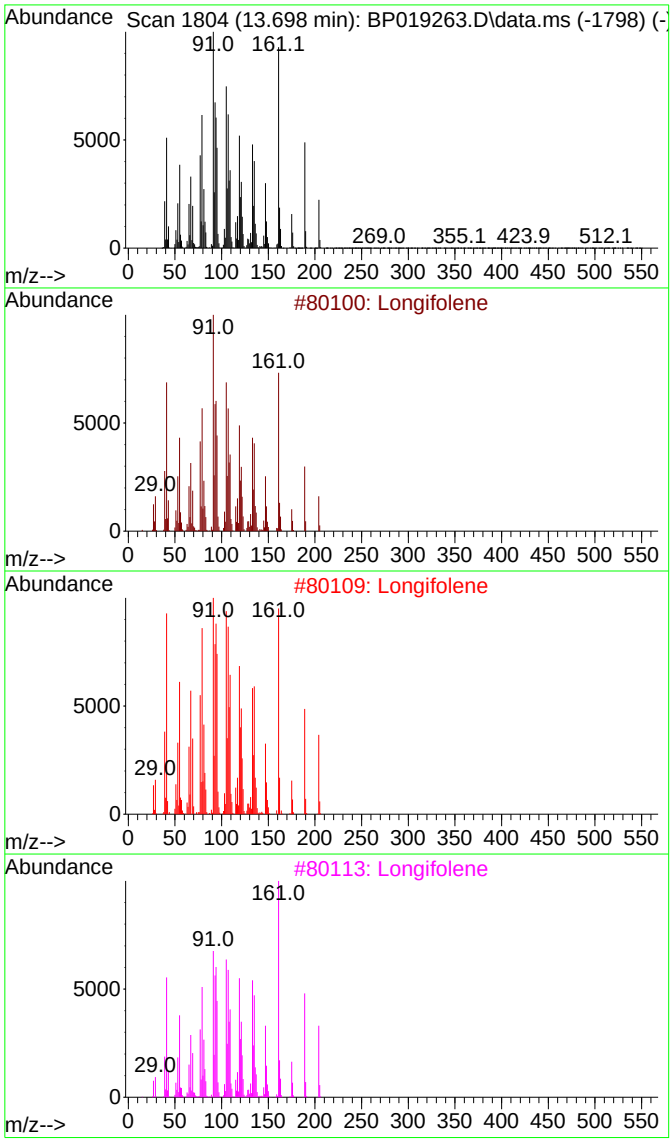
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

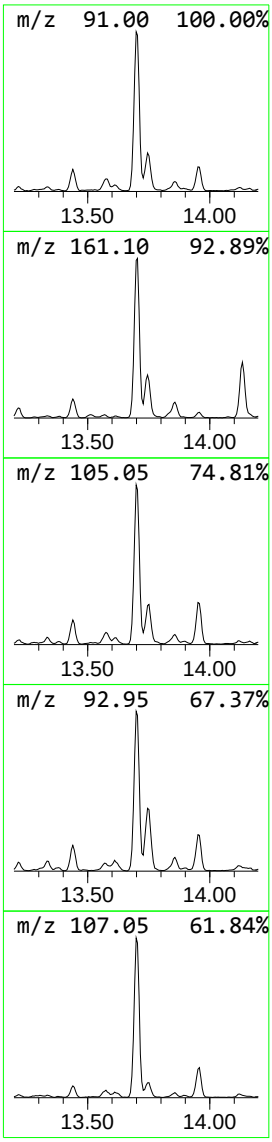
****

Peak Number 3 Longifolene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	47.46 ng/ul	4634870	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	98
3	Longifolene	204	C15H24	000475-20-7	98
4	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	98
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97





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Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
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Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

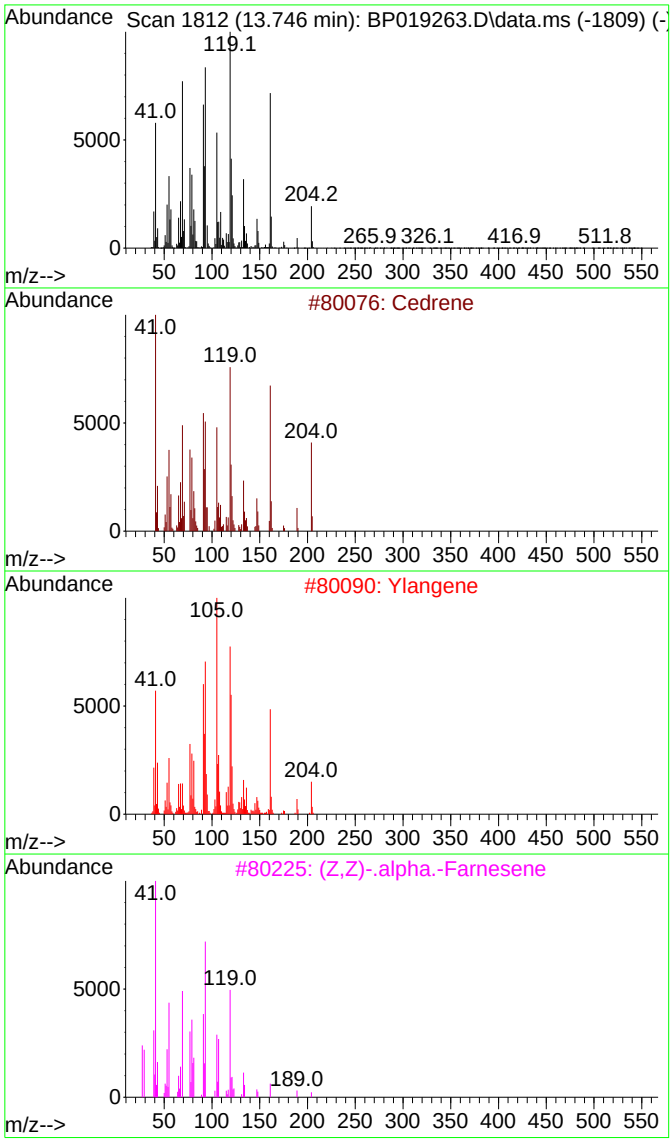
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

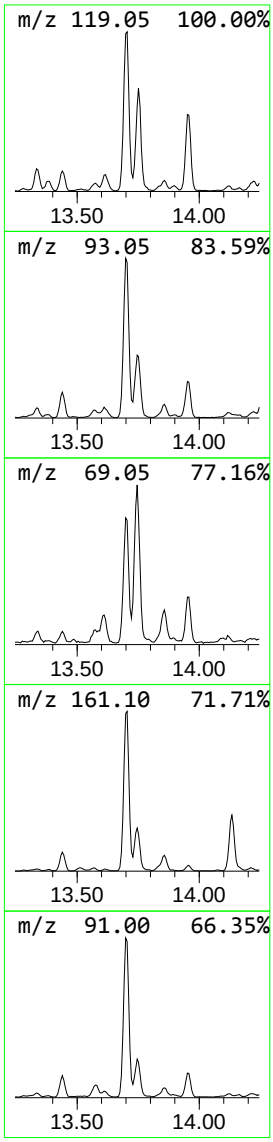
****

Peak Number 4 Cedrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.746	12.22 ng/ul	1193040	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrene	204	C15H24	011028-42-5	89
2	Ylangene	204	C15H24	014912-44-8	64
3	(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	60
4	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	58
5	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010424\
Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

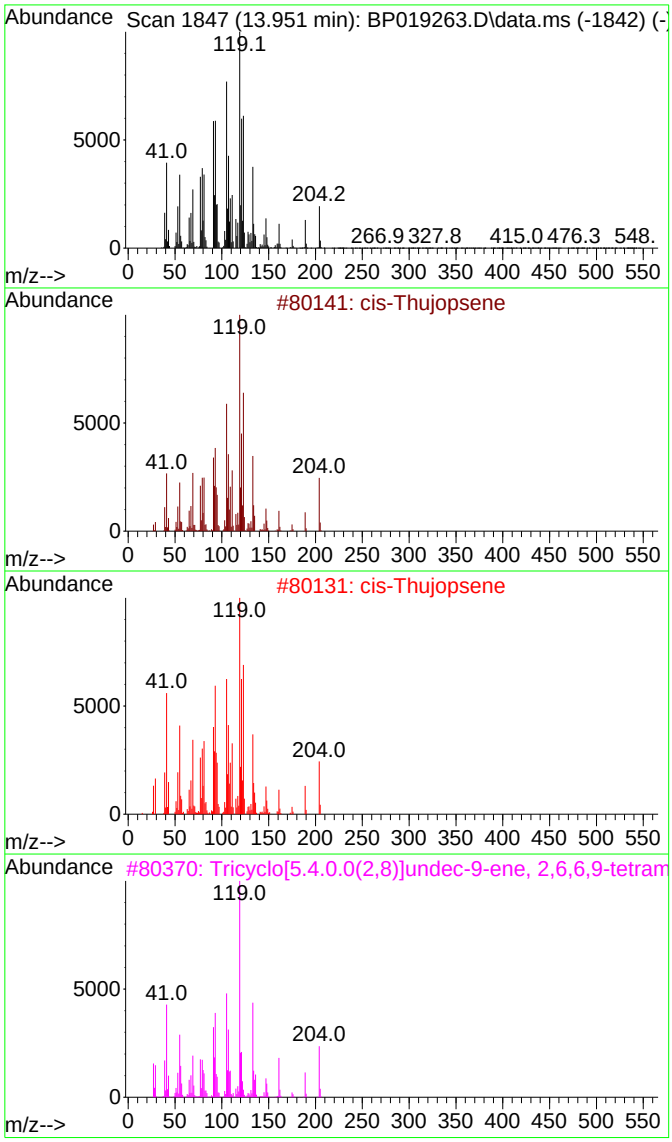
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

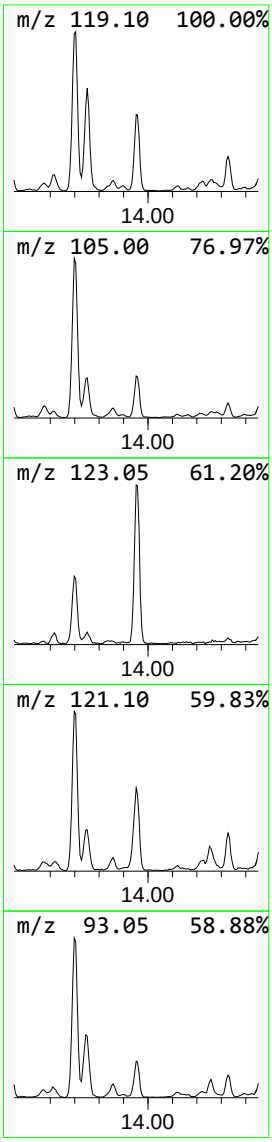
****

Peak Number 5 cis-Thujopsene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	9.29 ng/ul	907146	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	99
2	cis-Thujopsene	204	C15H24	000470-40-6	97
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	78
5	cis-Thujopsene	204	C15H24	000470-40-6	70





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Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

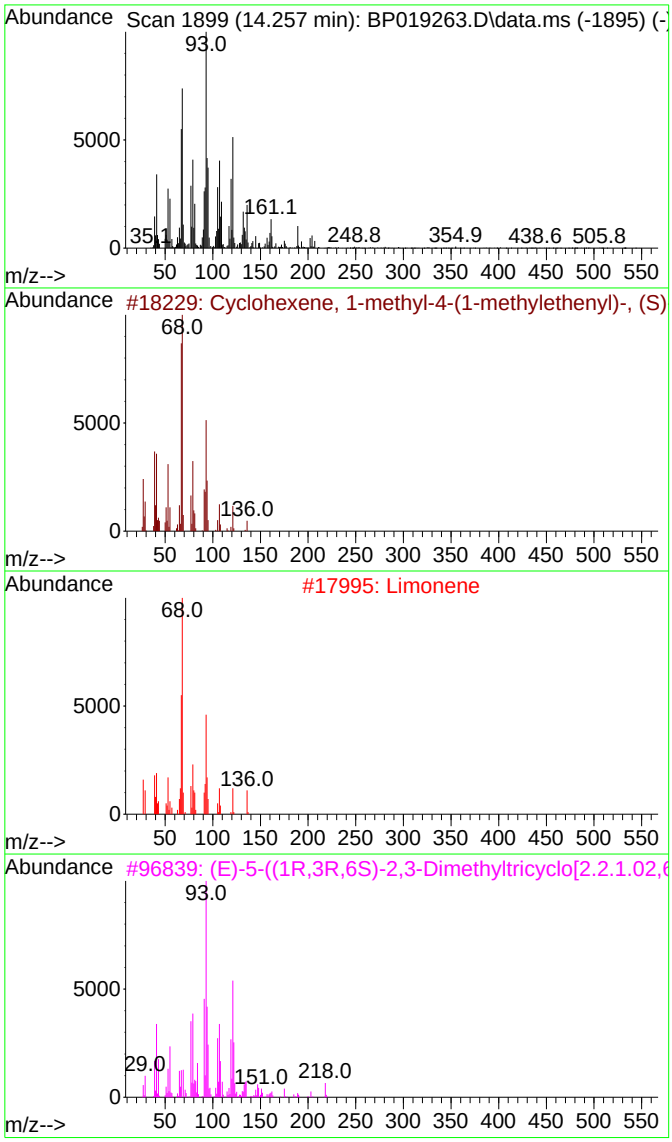
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

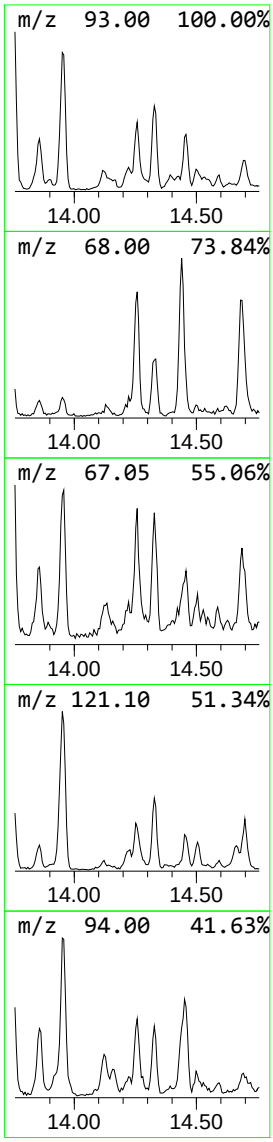
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	3.04 ng/ul	297282	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
2	Limonene	136	C10H16	000138-86-3	53
3	(E)-5-((1R,3R,6S)-2,3-Dimethyltr...	218	C15H22O	019903-70-9	52
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	49
5	Camphene	136	C10H16	000079-92-5	49





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Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

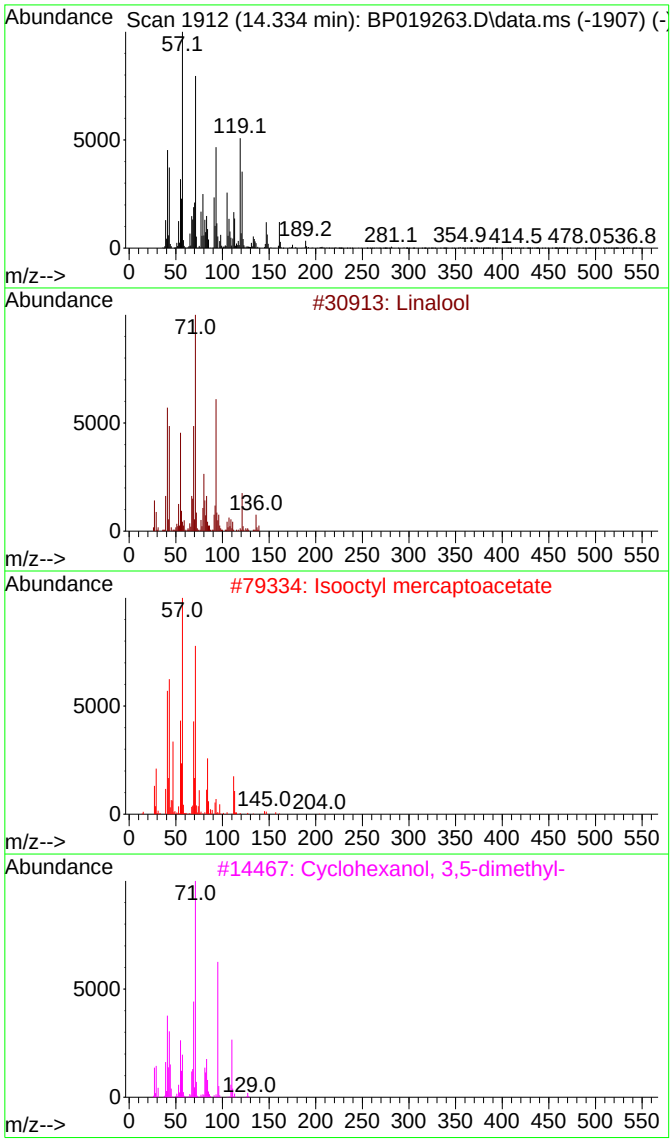
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

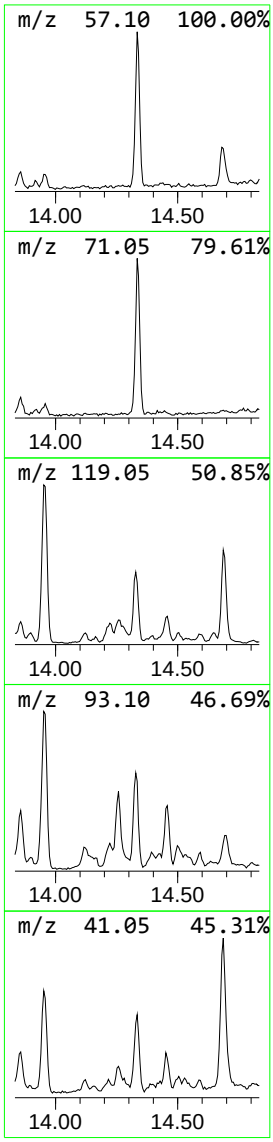
****

Peak Number 7 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	4.61 ng/ul	450543	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linalool	154	C10H18O	000078-70-6	43
2	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	38
3	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	35
4	1,6-Heptadien-4-ol, 4-propyl-	154	C10H18O	052939-61-4	35
5	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	35





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Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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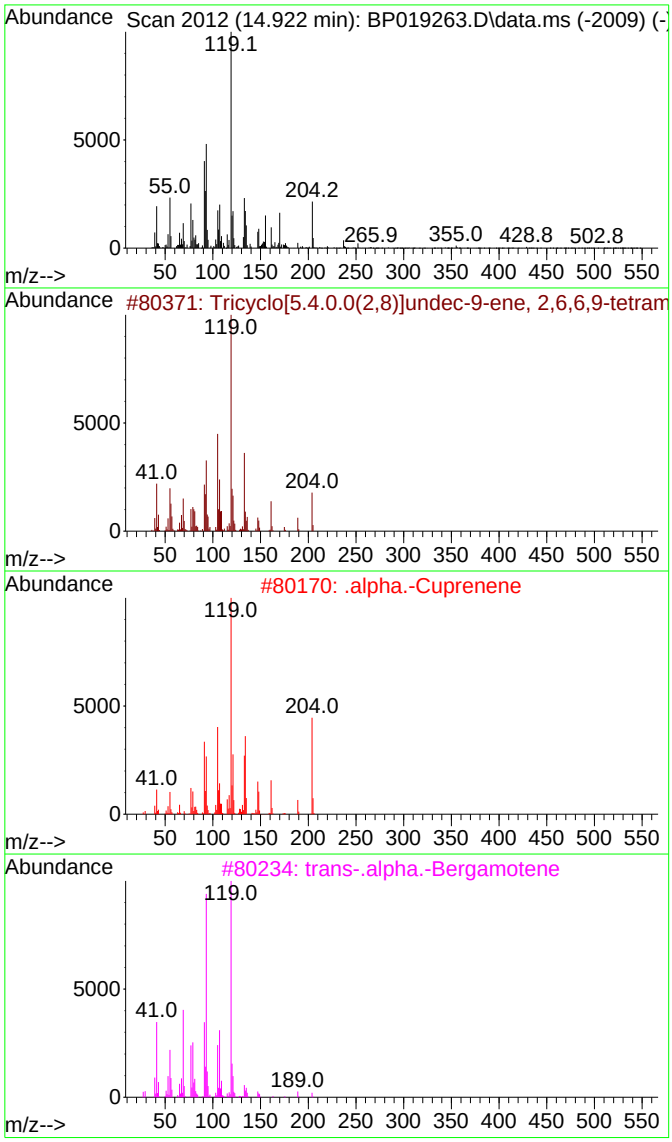
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

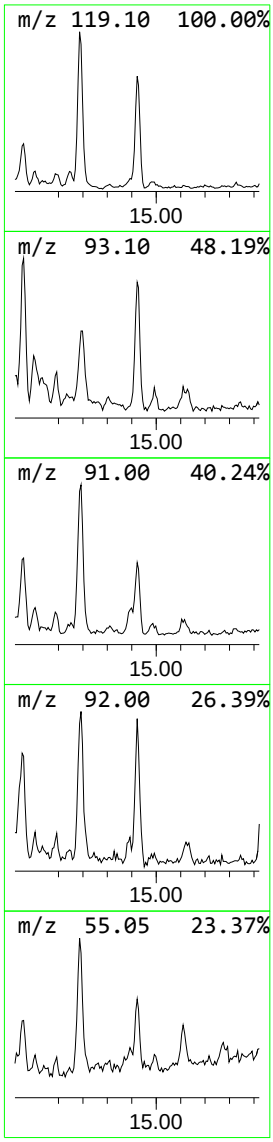
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tricyclo[5.4.0.0(2,8)]undec... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	2.19 ng/ul	214207	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	87
2	.alpha.-Cuprenene	204	C15H24	029621-78-1	86
3	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	86
4	(1R,4aR,8aR)-2,5,5,8a-Tetramethy...	204	C15H24	079562-96-2	76
5	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	64





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Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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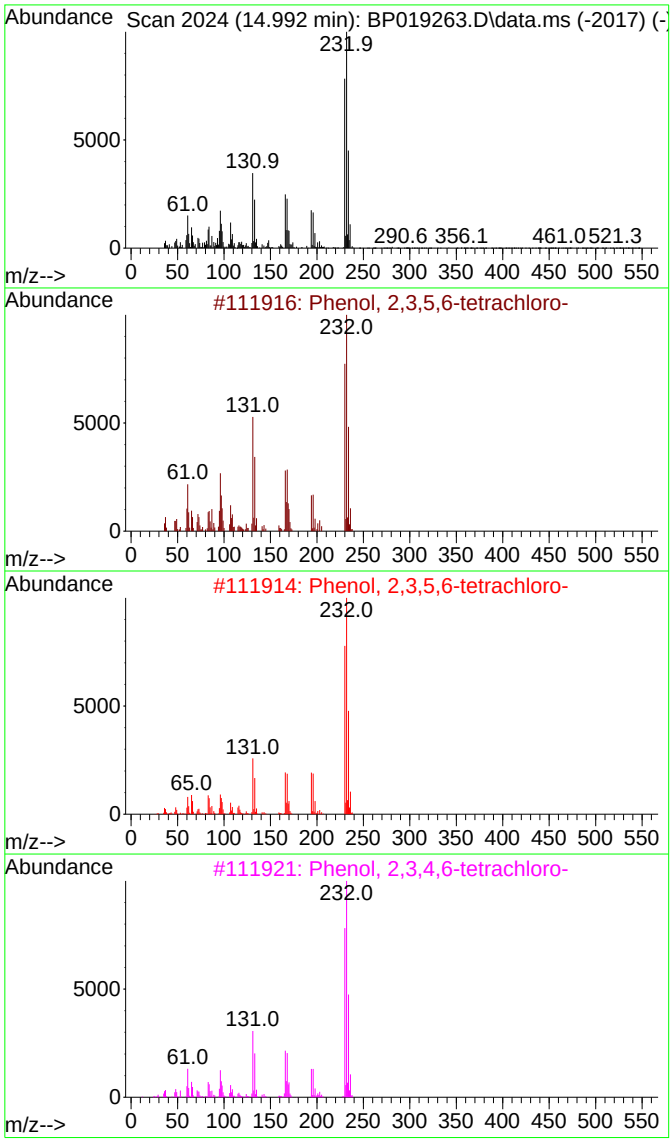
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

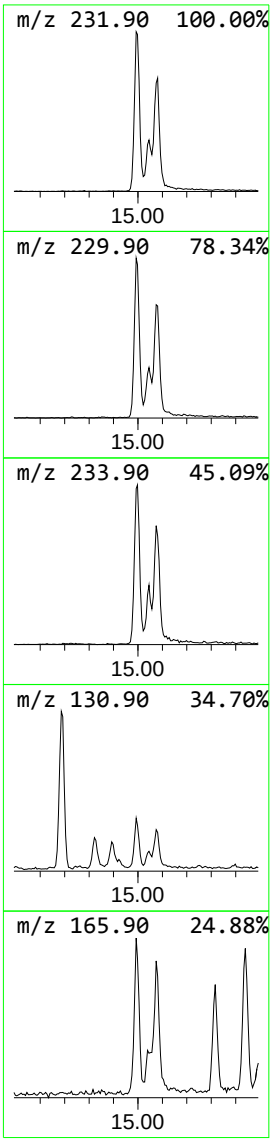
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.993	3.89 ng/ul	379899	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98





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Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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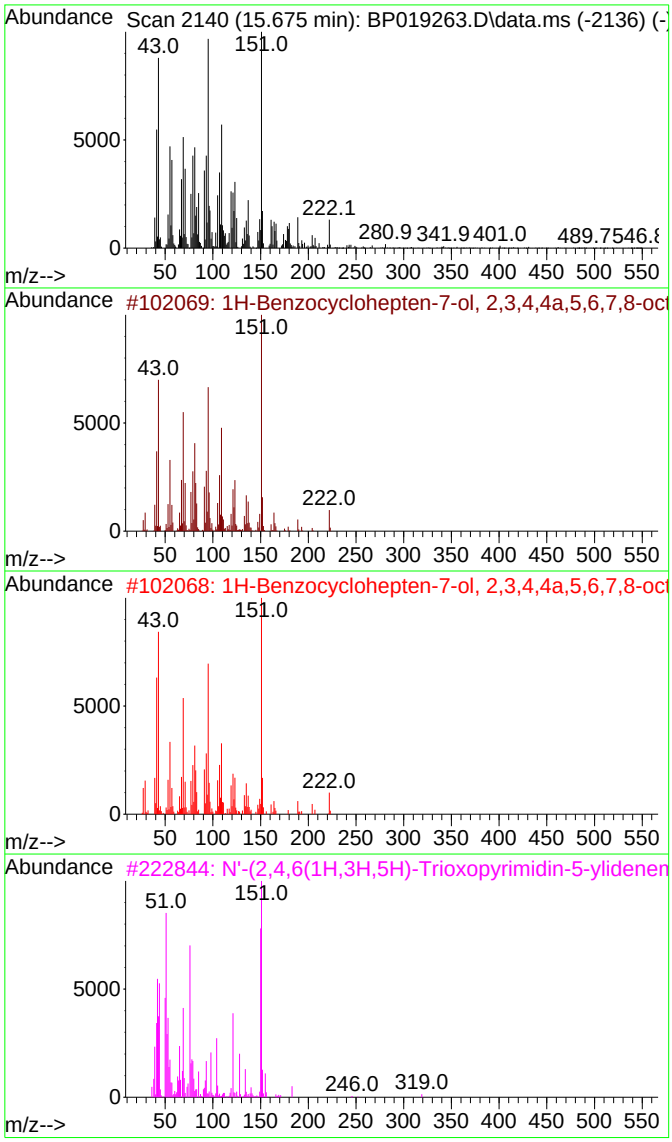
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

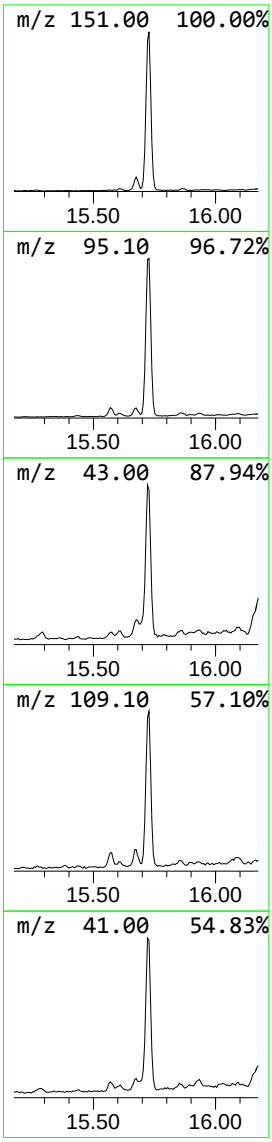
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Benzocyclohepten-7-ol, 2... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	2.36 ng/ul	230773	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	93
2	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	93
3	N'-(2,4,6(1H,3H,5H)-Trioxopyrimi...	319	C12H9N5O6	1000225-72-5	59
4	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	50
5	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	50





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

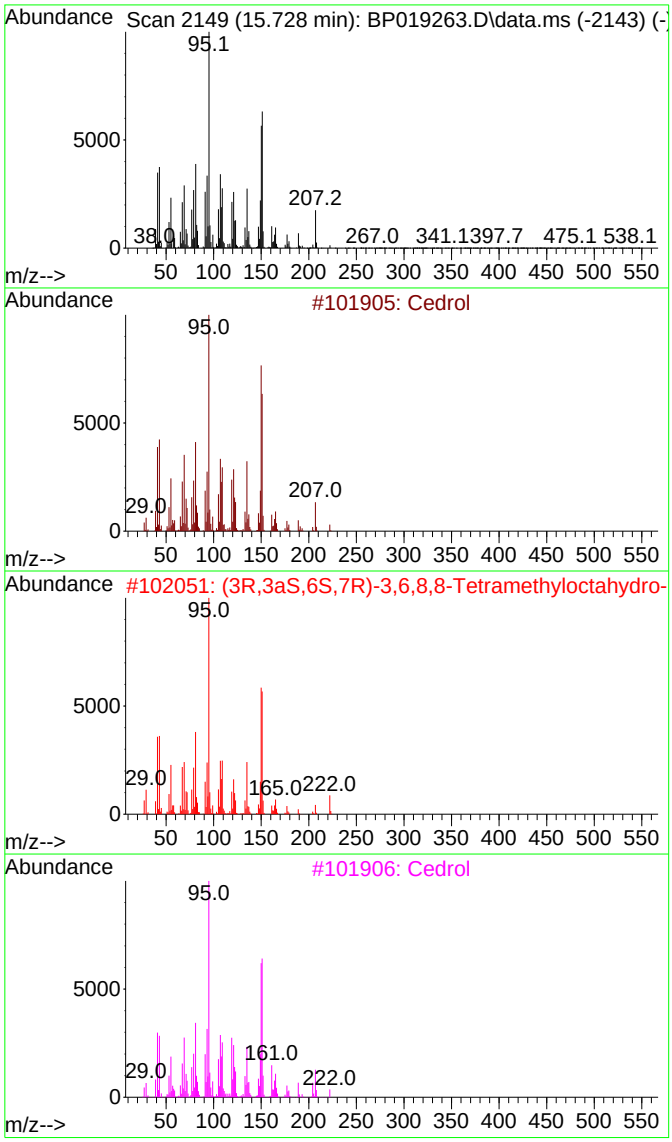
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

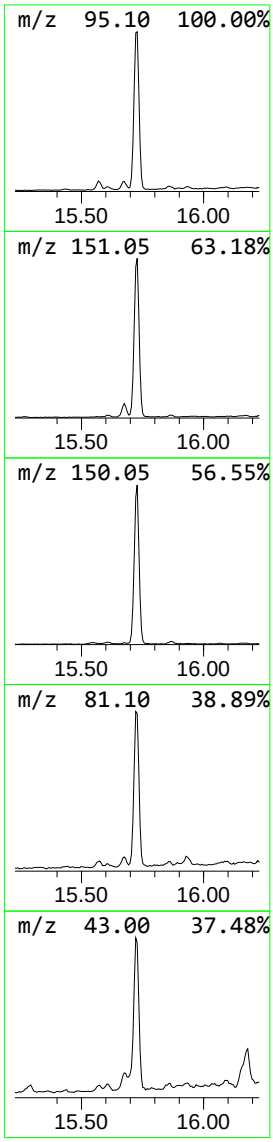
****

Peak Number 11 Cedrol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	29.01 ng/ul	2832550	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	91
2	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	87
3	Cedrol	222	C15H26O	000077-53-2	87
4	Cedrol	222	C15H26O	000077-53-2	83
5	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	72





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Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

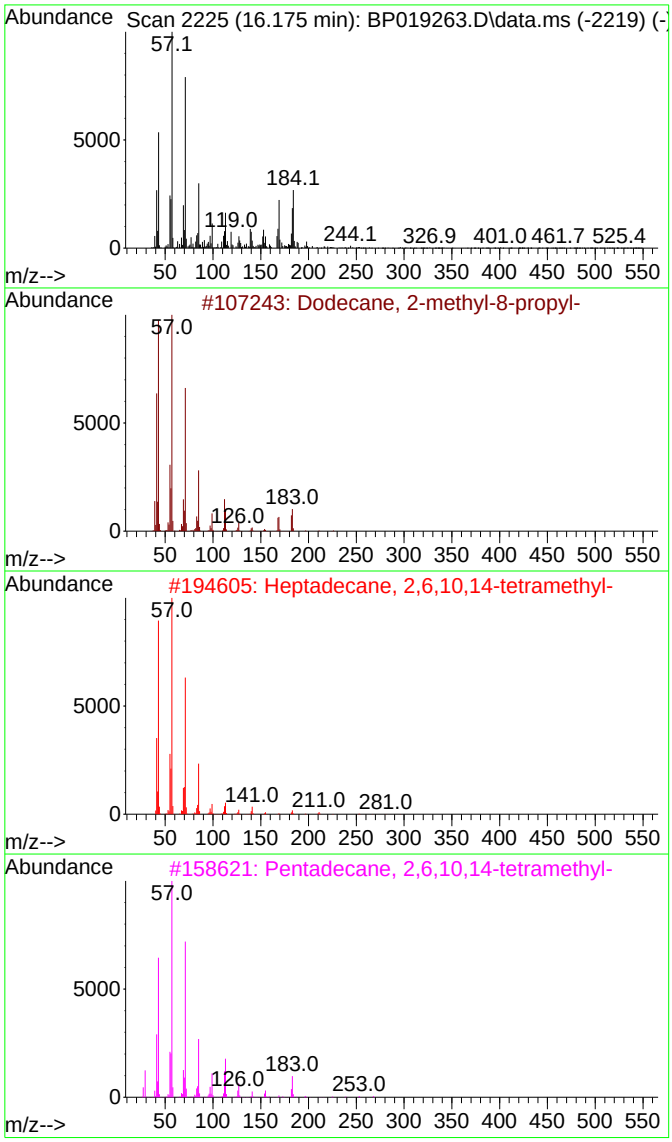
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

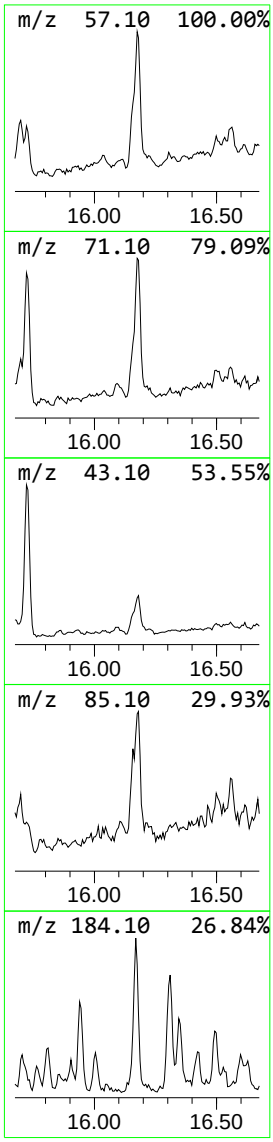
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	4.34 ng/ul	445222	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	60





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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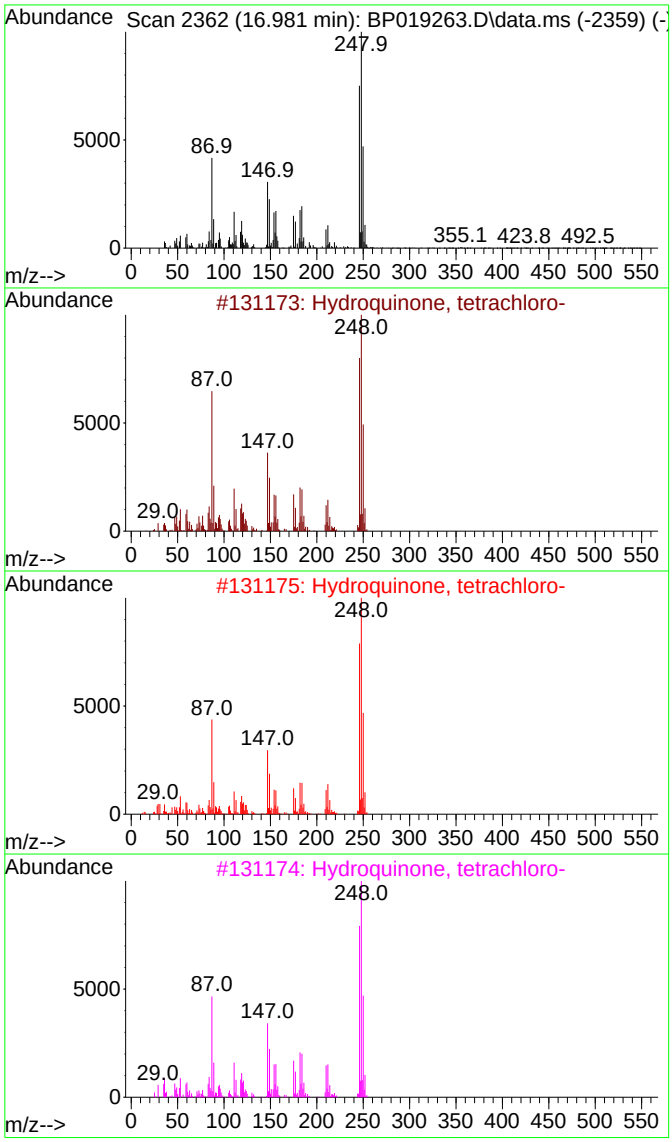
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

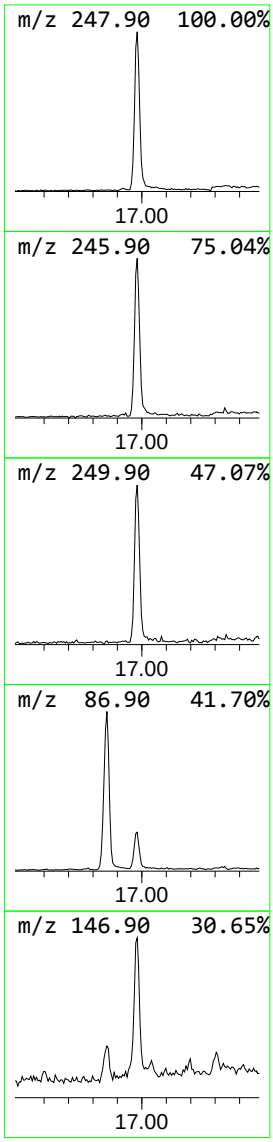
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hydroquinone, tetrachloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.981	2.34 ng/ul	239983	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	96
2	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	95
3	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	94
4	1,2-Benzenediol, 3,4,5,6-tetrach...	246	C6H2Cl4O2	001198-55-6	93
5	1,2-Benzenediol, 3,4,5,6-tetrach...	330	C10H6Cl4O4	036200-42-7	47





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Misc :
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BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

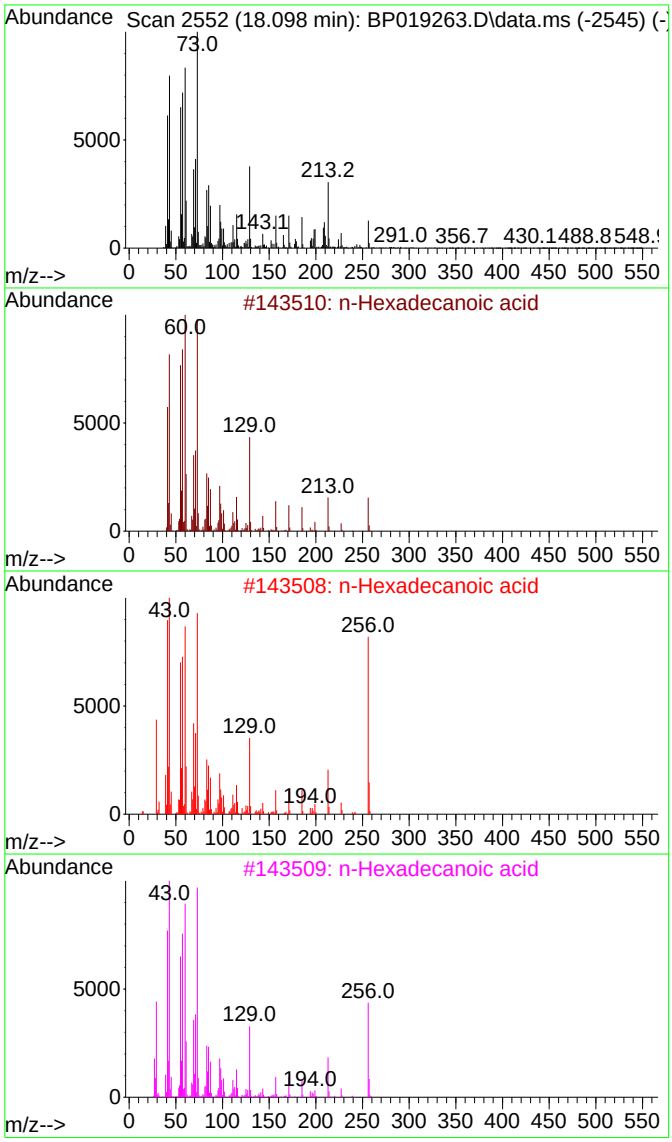
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

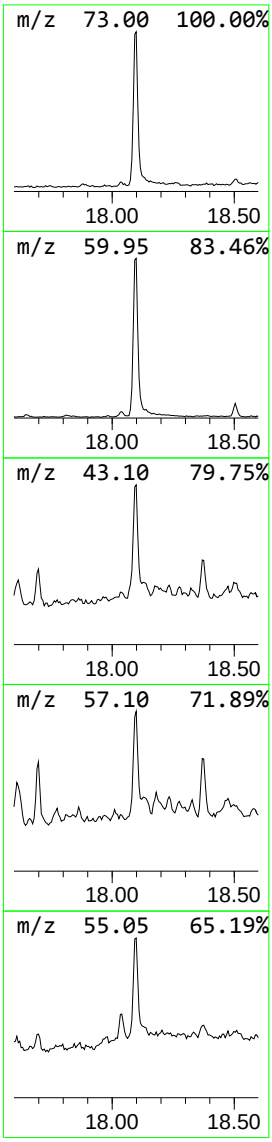
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	16.09 ng/ul	1648910	Phenanthrene-d10	17.198

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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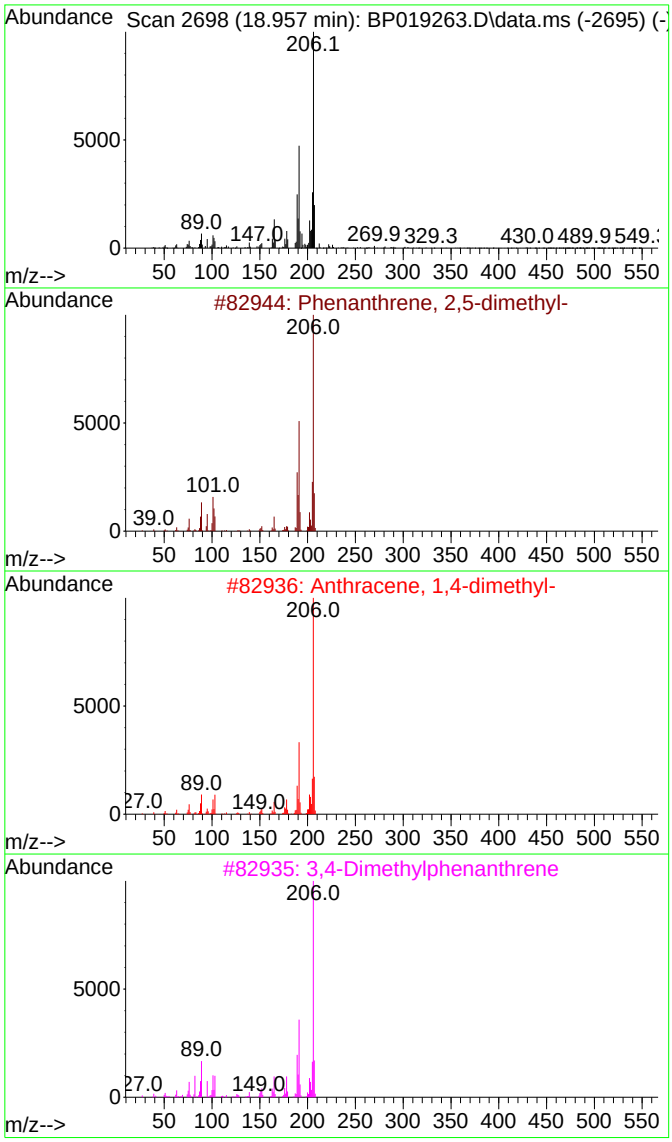
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

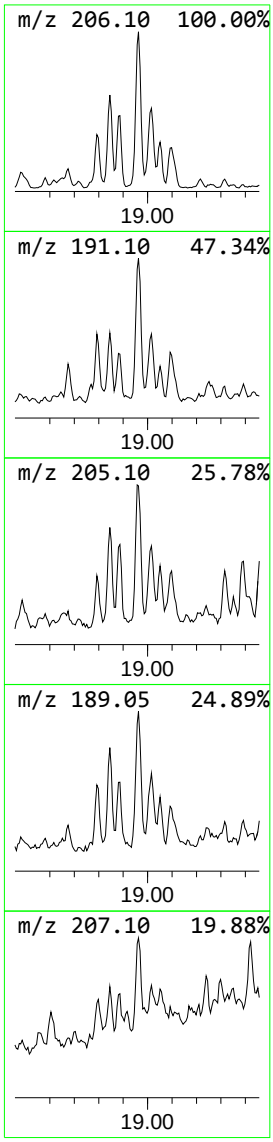
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	5.33 ng/ul	545911	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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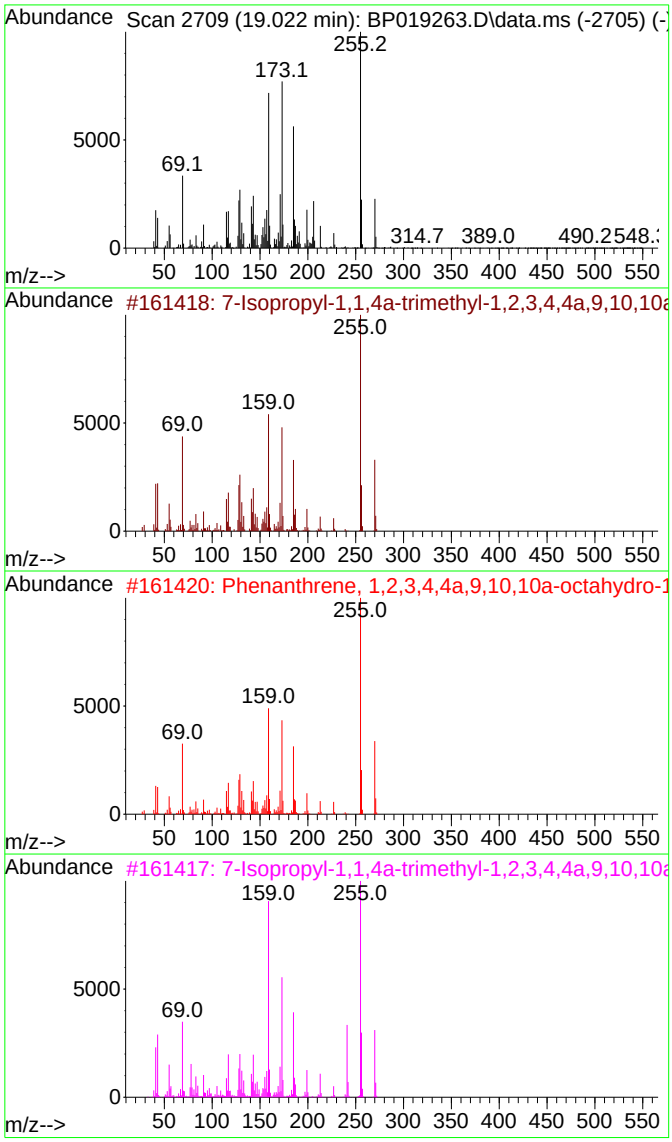
Quant Title : SVOA CALIBRATION

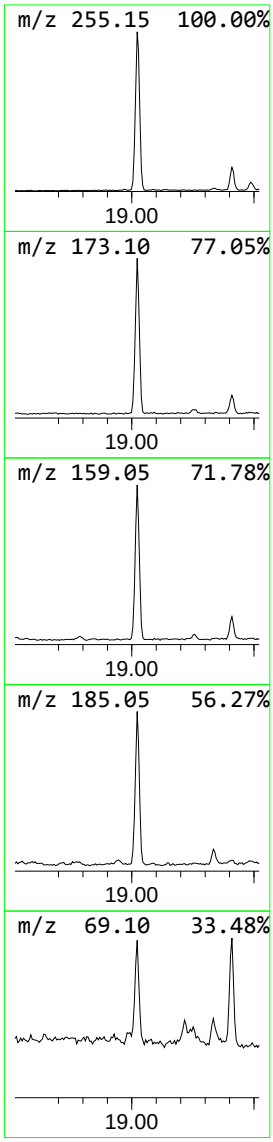
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	11.58 ng/ul	1186570	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	95
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	95
3	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	92
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	89
5	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	30





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Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

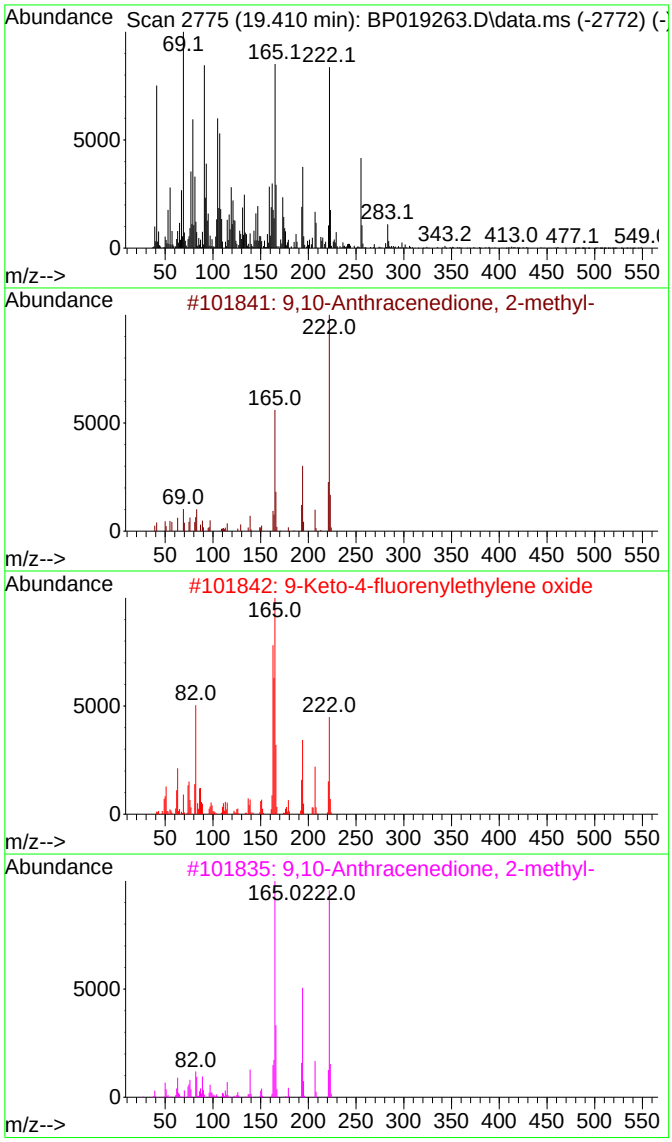
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

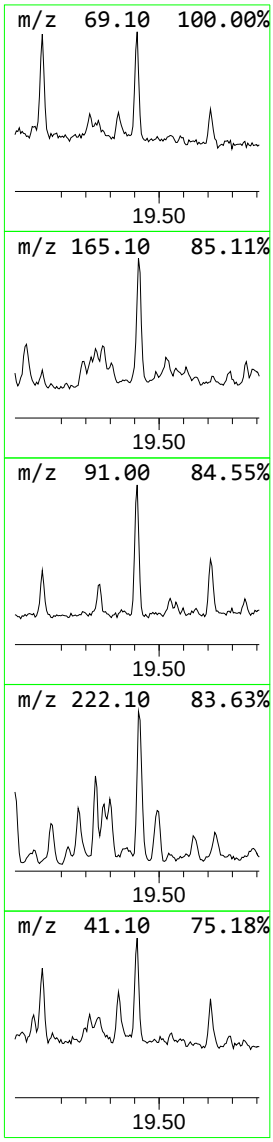
****

Peak Number 17 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	5.04 ng/ul	954709	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	49
2	9-Keto-4-fluorenylethylene oxide	222	C15H10O2	053221-10-6	46
3	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	45
4	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	45
5	Phenindione	222	C15H10O2	000083-12-5	41





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Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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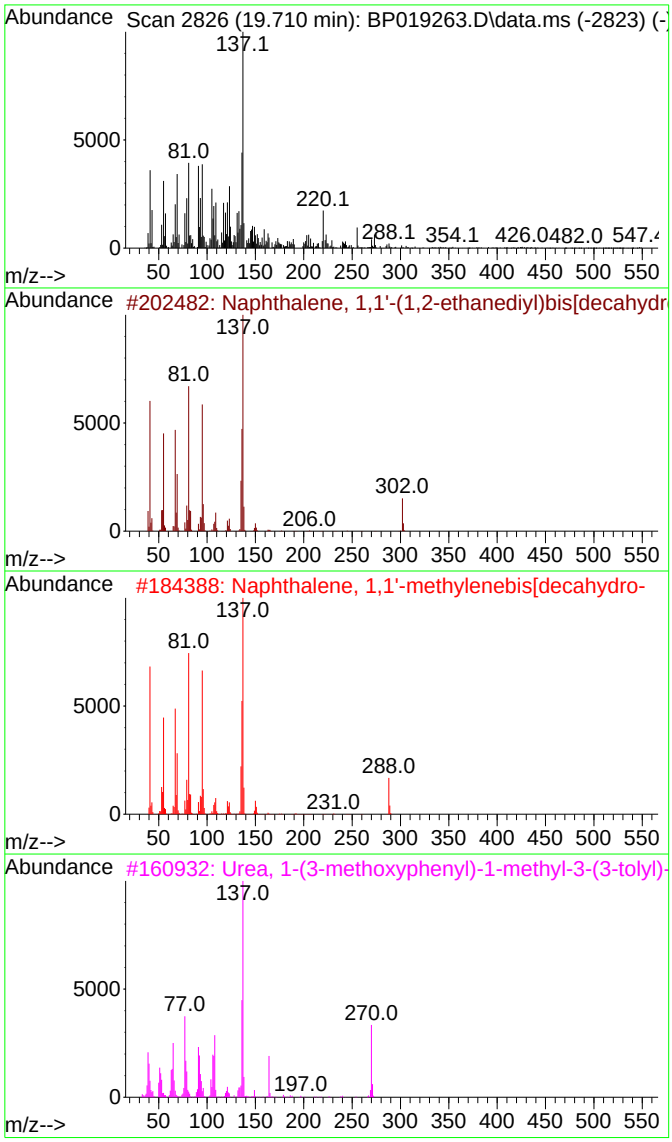
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

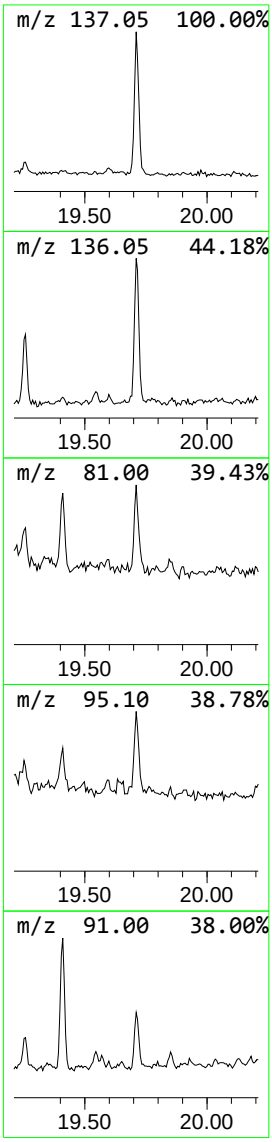
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,1'-(1,2-etha... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.710	3.65 ng/ul	691073	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,1'-(1,2-ethanediy...	302	C22H38	054934-69-9	83
2	Naphthalene, 1,1'-methylenebis[d...	288	C21H36	055125-02-5	64
3	Urea, 1-(3-methoxyphenyl)-1-meth...	270	C16H18N2O2	349495-72-3	49
4	3,5-Diisopropylpyrazole	152	C9H16N2	017536-00-4	43
5	3-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	110202-07-8	43





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Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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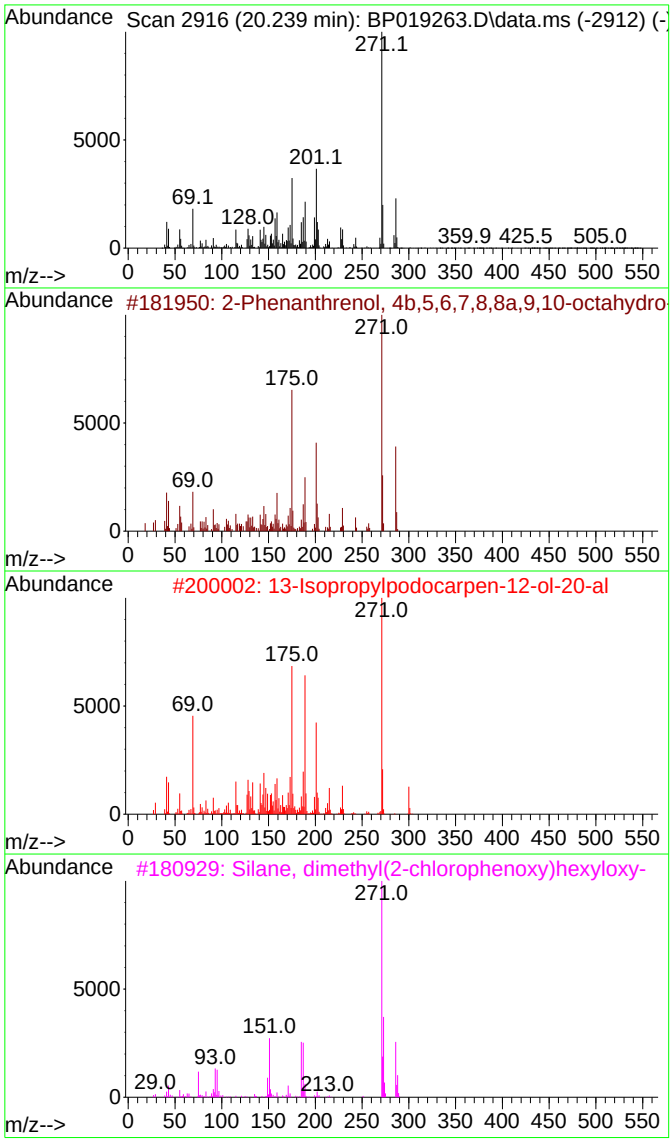
Quant Title : SVOA CALIBRATION

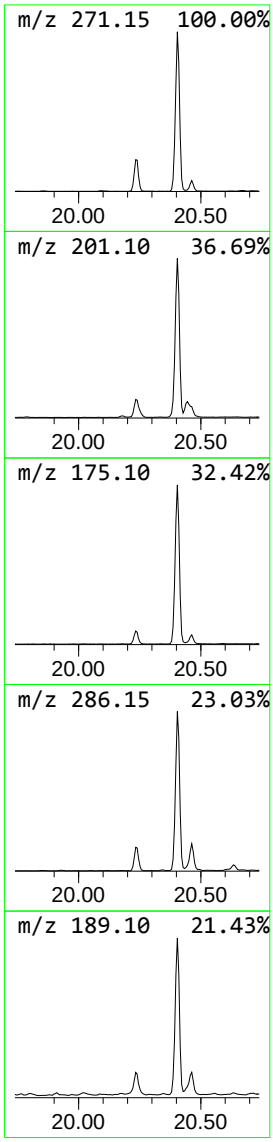
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	15.28 ng/ul	2896710	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	60
2	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	53
3	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	47
4	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	43
5	Crinan-3-ol, 1,2-didehydro-, (3....	271	C16H17NO3	000510-67-8	38





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Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

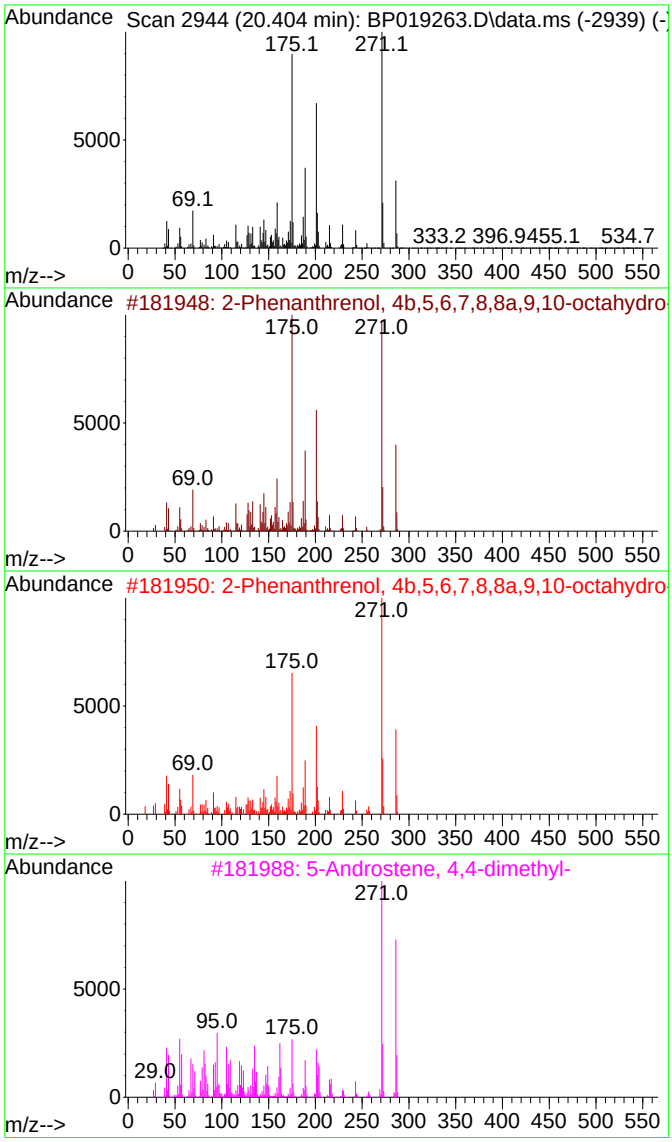
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

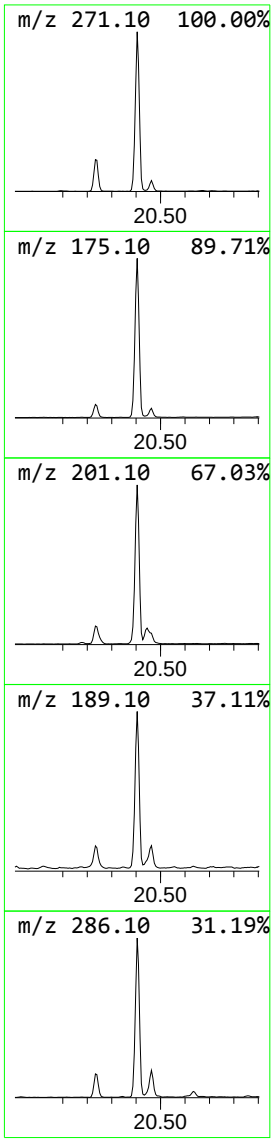
****

Peak Number 20 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	59.63 ng/ul	11304600	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	35
4	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	27
5	1-Tributylsilyloxyoctane	328	C20H44OSi	1000279-14-6	25





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Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

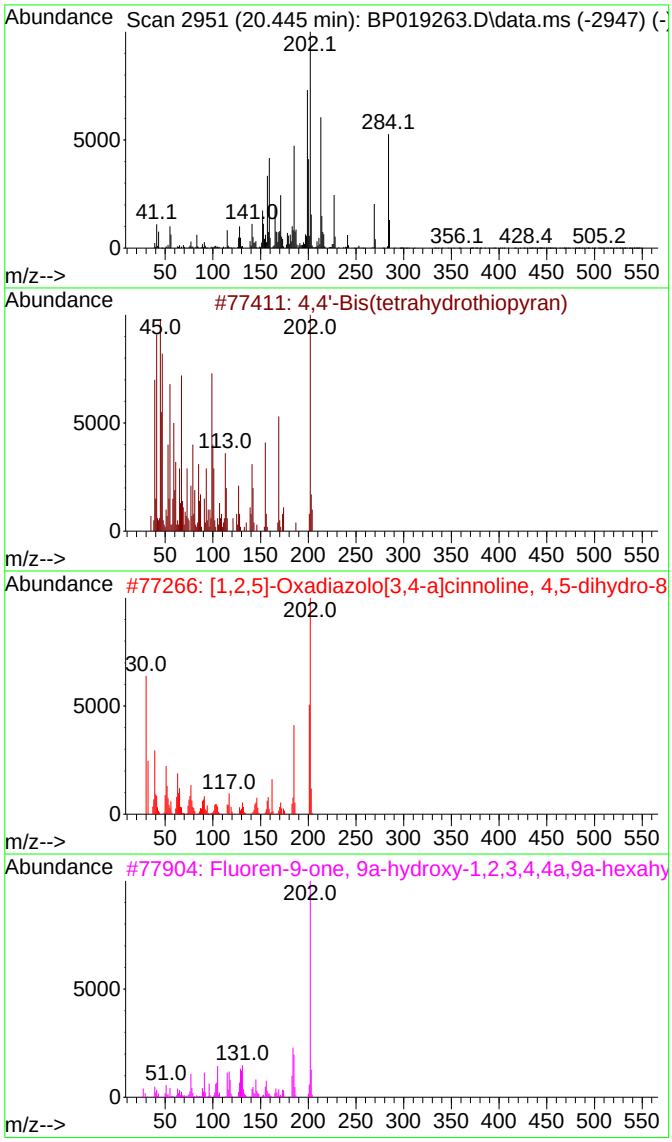
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

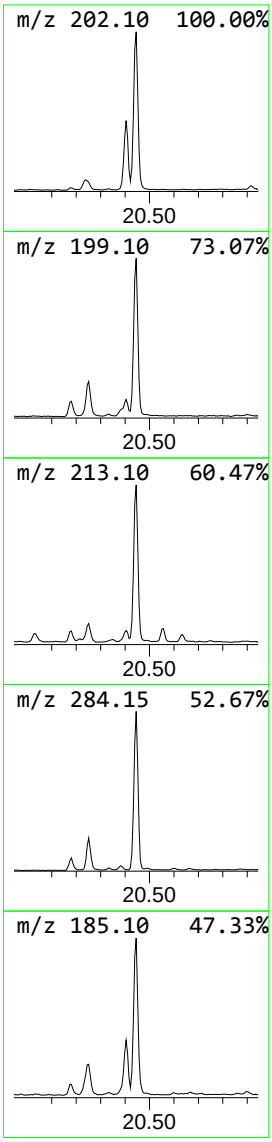
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	33.45 ng/ul	6341240	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	20
3	Fluoren-9-one, 9a-hydroxy-1,2,3,...	202	C13H14O2	1000160-37-9	15
4	Phosphorin, 2,6-bis(1,1-dimethyl...	284	C19H25P	017420-27-8	15
5	4-Methoxy-naphthalene-1-carboxyl...	202	C12H10O3	1000317-85-4	14





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Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

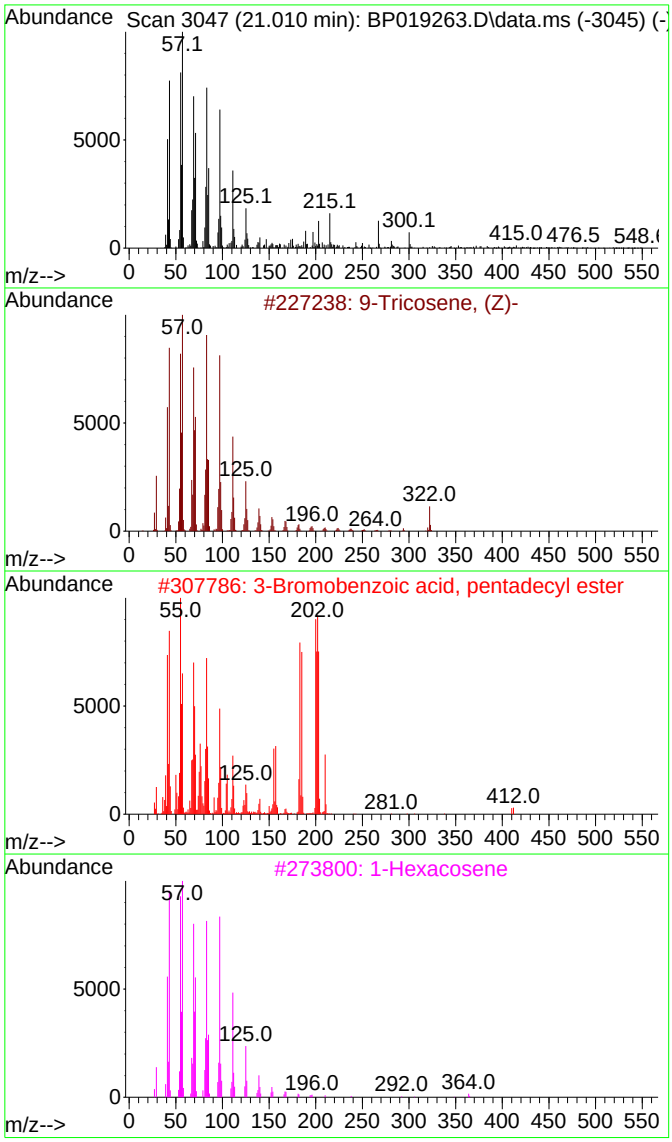
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

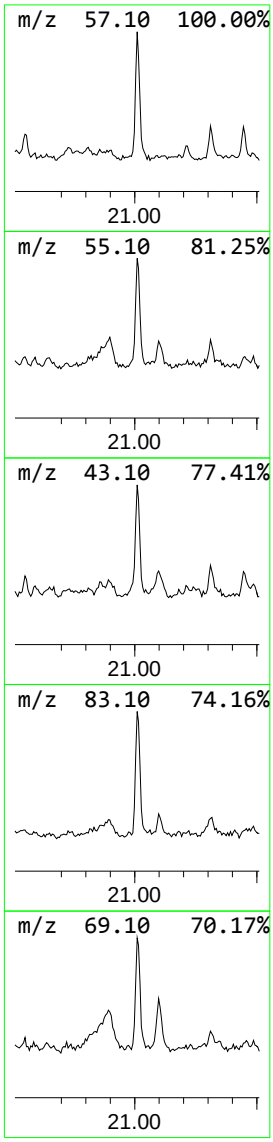
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	4.37 ng/ul	828581	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	3-Bromobenzoic acid, pentadecyl ...	410	C22H35BrO2	1000281-95-1	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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Acq On : 04 Jan 2024 14:50
Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

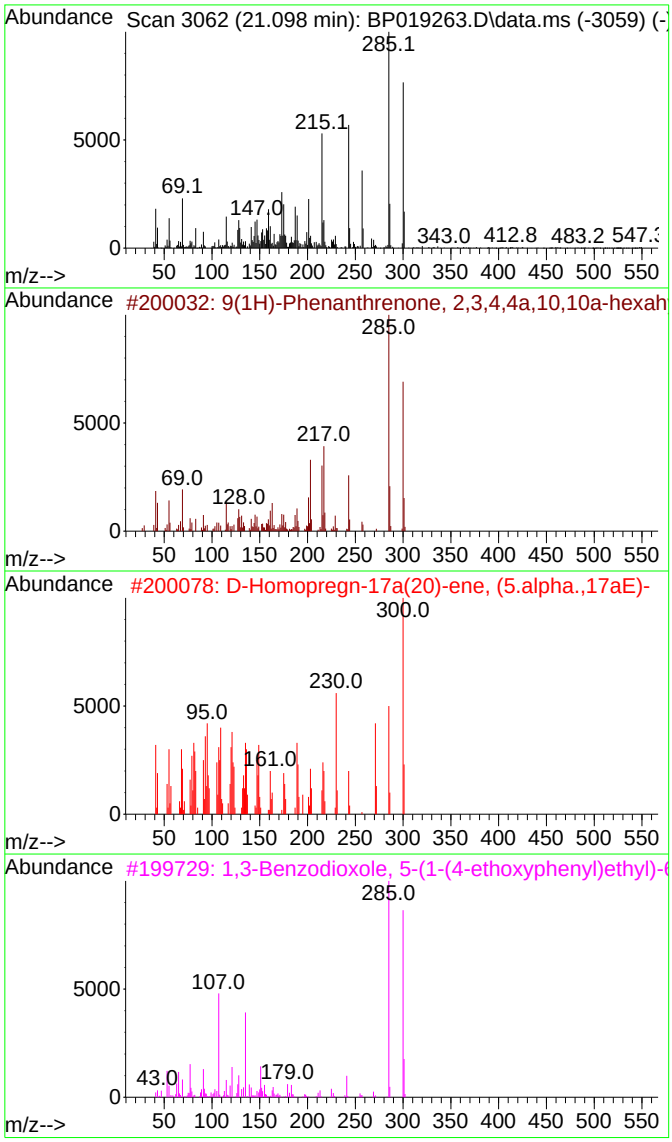
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

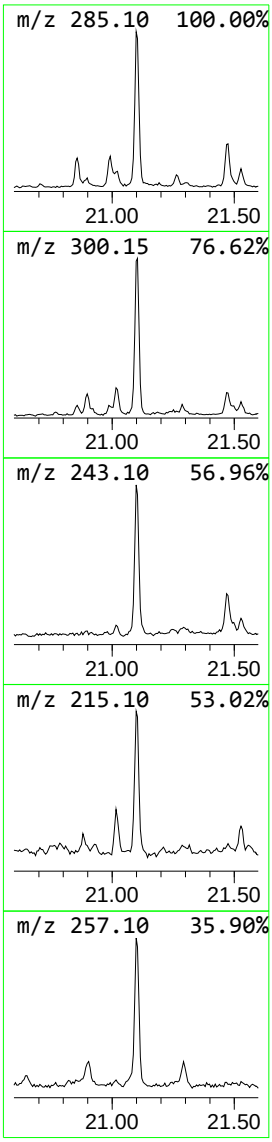
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	6.24 ng/ul	1182600	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	90
2	D-Homopregn-17a(20)-ene, (5.alph...	300	C22H36	054482-44-9	83
3	1,3-Benzodioxole, 5-(1-(4-ethoxy...	300	C18H20O4	090632-70-5	70
4	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	66
5	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	64





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Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

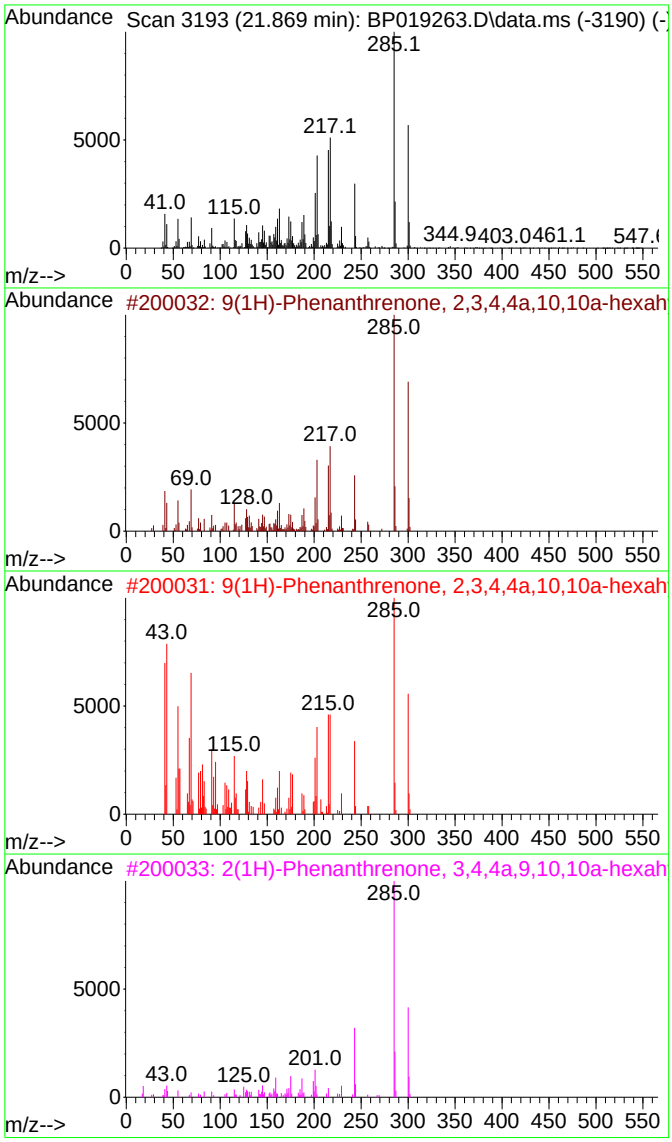
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

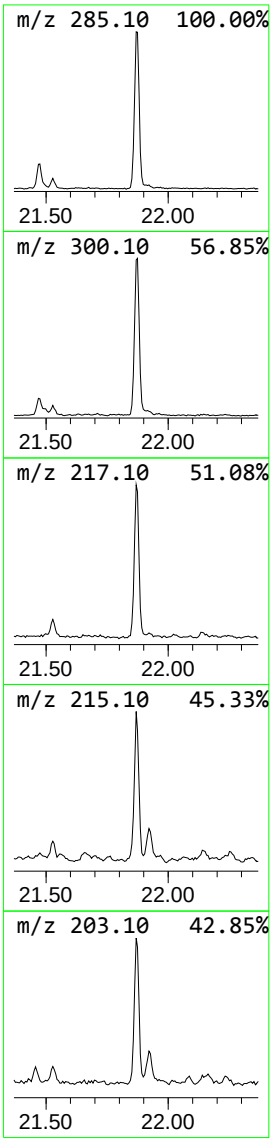
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.869	6.54 ng/ul	1238870	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	99
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	95
3	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	89
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	74
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	70





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Operator : MA/JU
Sample : 05951-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

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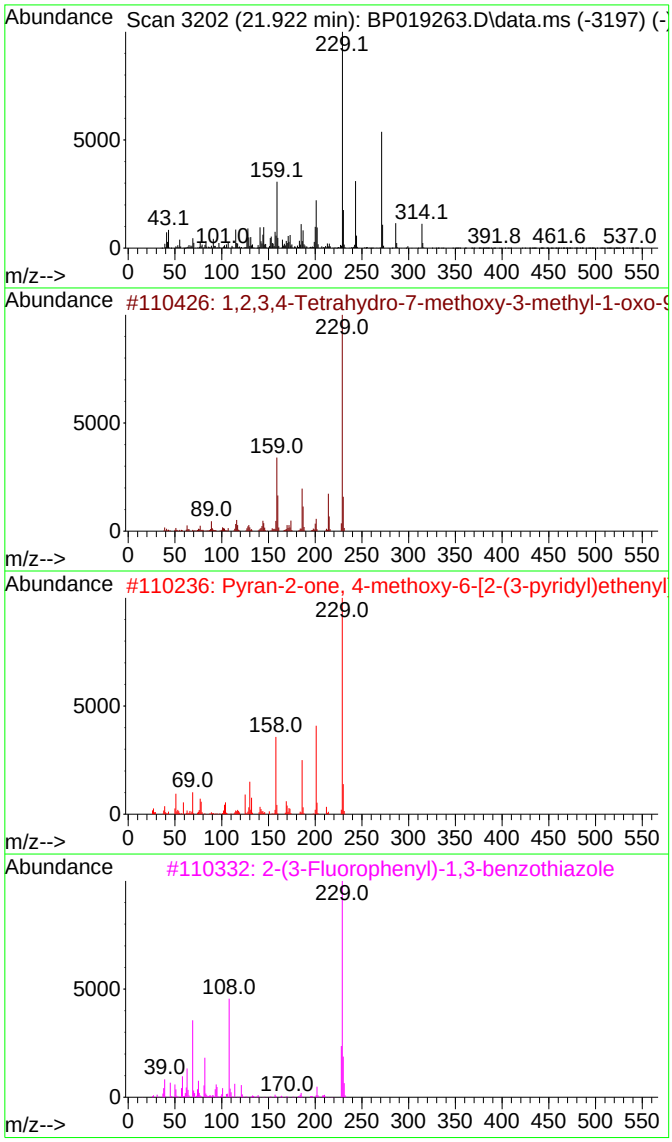
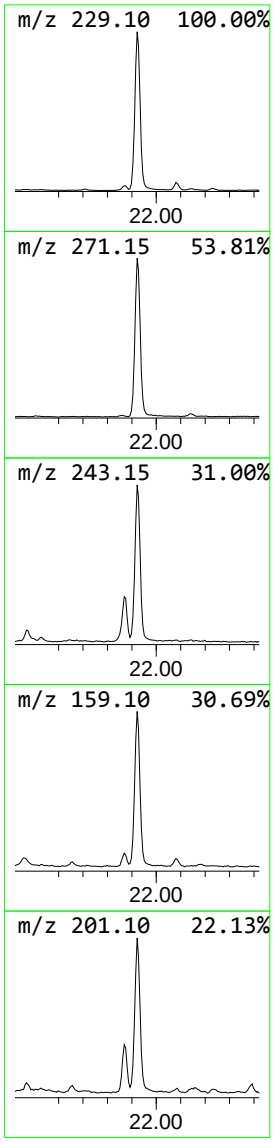
Peak Number 25 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.922	24.00 ng/ul	4549790	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	43
2	Pyran-2-one, 4-methoxy-6-[2-(3-p...	229	C13H11NO3	015317-59-6	35
3	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	30
4	6-Hydroxy-2,2,4,4-tetramethyl-1,...	244	C15H20N2O	138510-19-7	30
5	Benzo(a)acridine	229	C17H11N	000225-11-6	27





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

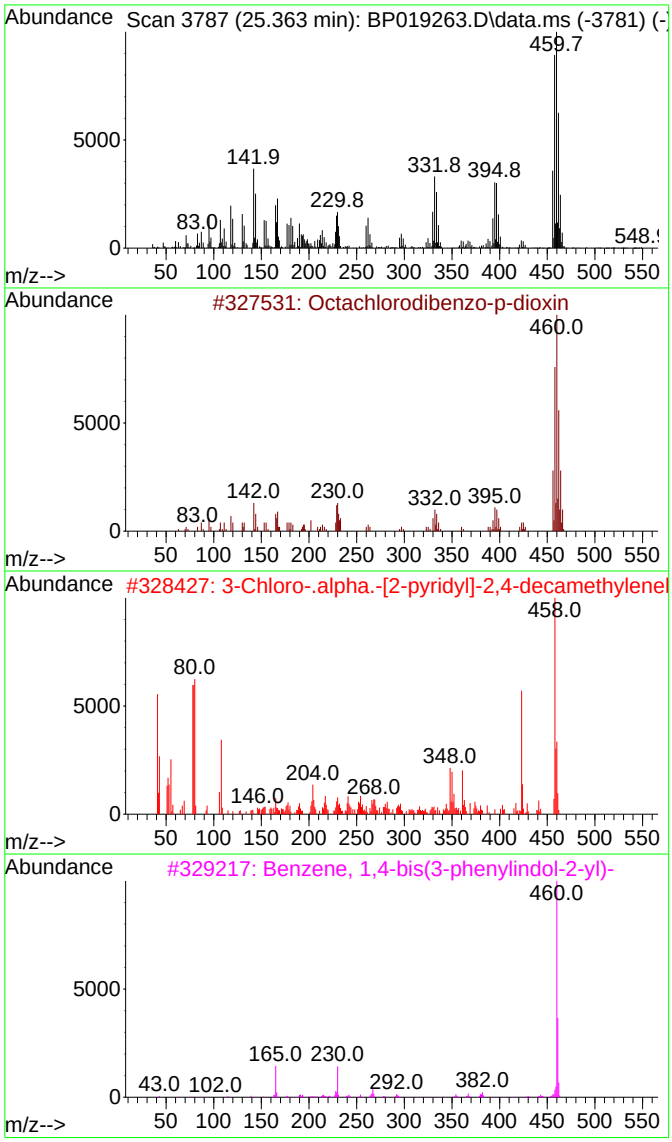
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

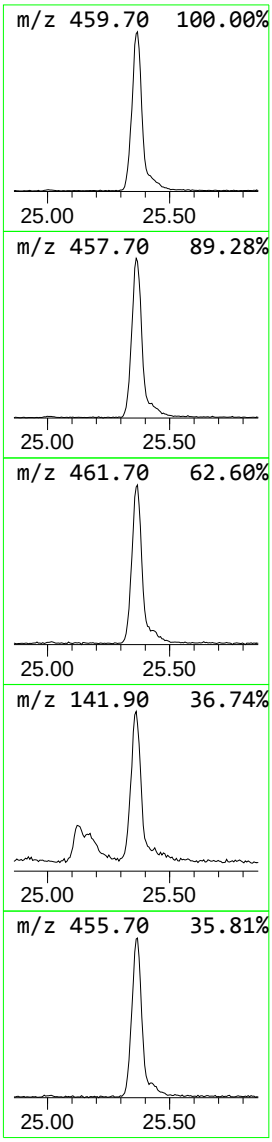
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Octachlorodibenzo-p-dioxin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.363	16.48 ng/ul	2570790	Perylene-d12	23.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	93
2	3-Chloro-.alpha.-[2-pyridyl]-2,4...	458	C29H31ClN2O	035158-92-0	18
3	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	14
4	Flavone, 2',5,5',6-tetrahydroxy-...	544	C26H24O13	034318-39-3	10
5	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	10





Tentatively Identified Compound (LSC) summary

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Data File : BP019263.D
Acq On : 04 Jan 2024 14:50
Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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
1,4-Methano-1H-...	13.440	5.3	ng/ul	521311	3	14.440	1953110	20.0
(1aS,4aS,8aR)-4...	13.575	4.0	ng/ul	393832	3	14.440	1953110	20.0
Longifolene	13.698	47.5	ng/ul	4634870	3	14.440	1953110	20.0
Cedrene	13.746	12.2	ng/ul	1193040	3	14.440	1953110	20.0
cis-Thujopsene	13.951	9.3	ng/ul	907146	3	14.440	1953110	20.0
Cyclohexene, 1-...	14.257	3.0	ng/ul	297282	3	14.440	1953110	20.0
unknown-01	14.334	4.6	ng/ul	450543	3	14.440	1953110	20.0
Tricyclo[5.4.0....	14.922	2.2	ng/ul	214207	3	14.440	1953110	20.0
Phenol, 2,3,5,6...	14.993	3.9	ng/ul	379899	3	14.440	1953110	20.0
1H-Benzocyclohe...	15.675	2.4	ng/ul	230773	3	14.440	1953110	20.0
Cedrol	15.728	29.0	ng/ul	2832550	3	14.440	1953110	20.0
(DEL) Alkane: S...	16.175	4.3	ng/ul	445222	4	17.198	2050110	20.0
Hydroquinone, t...	16.981	2.3	ng/ul	239983	4	17.198	2050110	20.0
n-Hexadecanoic ...	18.098	16.1	ng/ul	1648910	4	17.198	2050110	20.0
Phenanthrene, 2...	18.957	5.3	ng/ul	545911	4	17.198	2050110	20.0
7-Isopropyl-1,1...	19.022	11.6	ng/ul	1186570	4	17.198	2050110	20.0
unknown-02	19.410	5.0	ng/ul	954709	5	21.304	3791400	20.0
Naphthalene, 1,...	19.710	3.6	ng/ul	691073	5	21.304	3791400	20.0
2-Phenanthrenol...	20.239	15.3	ng/ul	2896710	5	21.304	3791400	20.0
unknown-03	20.404	59.6	ng/ul	11304600	5	21.304	3791400	20.0
4,4'-Bis(tetrah...	20.445	33.5	ng/ul	6341240	5	21.304	3791400	20.0
(DEL) Alkane: S...	21.010	4.4	ng/ul	828581	5	21.304	3791400	20.0
9(1H)-Phenanthr...	21.098	6.2	ng/ul	1182600	5	21.304	3791400	20.0
2(1H)-Phenanthr...	21.869	6.5	ng/ul	1238870	5	21.304	3791400	20.0
unknown-04	21.922	24.0	ng/ul	4549790	5	21.304	3791400	20.0
Octachlorodiben...	25.363	16.5	ng/ul	2570790	6	23.674	3119020	20.0