LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043707.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.799	101	104	118	rBV	261556	426820	1.66%	0.292%
2	3.905	118	122	126	rVB	94965	122293	0.47%	0.084%
3	4.422	206	210	213	rVB2	25069	33112	0.13%	0.023%
4	5.040	310	315	319	rBV	46187	73319	0.28%	0.050%
5	6.452	549	555	564	rVB	52660	86223	0.33%	0.059%
6	6.616	579	583	590	rVB2	56828	90142	0.35%	0.062%
7	7.128	663	670	679	rBV	460260	761173	2.95%	0.522%
8	7.246	684	690	694	rBV	105542	162711	0.63%	0.111%
9	7.299	694	699	708	rVB	326073	522934	2.03%	0.358%
10	7.487	725	731	741	rBV	442242	711110	2.76%	0.487%
11	7.840	788	791	799	rVB	31477	52390	0.20%	0.036%
12	7.957	804	811	819	rVV	969078	1542532	5.98%	1.057%
13	8.169	841	847	852	rBV3	29746	49309	0.19%	0.034%
14	8.616	918	923	927	rBV2	29293	43628	0.17%	0.030%
15	8.675	927	933	945	rVV	454216	771199	2.99%	0.528%
16	9.134	1003	1011	1020	rBV	397595	666960	2.59%	0.457%
17	9.722	1105	1111	1119	rBV2	78527	142368	0.55%	0.098%
18	9.851	1126	1133	1141	rBV	328101	571604	2.22%	0.392%
19	10.287	1200	1207	1212	rBV	12239	29255	0.11%	0.020%
20	10.392	1218	1225	1234	rBV	448771	816569	3.17%	0.559%
21	10.769	1281	1289	1298	rBV	1255404	2144696	8.32%	1.469%
22	10.922	1308	1315	1329	rBV	90513	219640	0.85%	0.150%
23	11.140	1346	1352	1359	rBV8	20411	42843	0.17%	0.029%
24	11.563	1420	1424	1430	rBV6	17767	32560	0.13%	0.022%
25	11.851	1469	1473	1480	rVB6	18872	37003	0.14%	0.025%
26	12.010	1495	1500	1508	rVB10	12532	32085	0.12%	0.022%
27	12.228	1532	1537	1542	rBV5	19007	30126	0.12%	0.021%
28	12.298	1542	1549	1554	rBV5	20455	57111	0.22%	0.039%
29	12.557	1586	1593	1598	rBV4	16469	42299	0.16%	0.029%
30	12.951	1655	1660	1663	rBV5	20070	33235	0.13%	0.023%
31	13.016	1668	1671	1676	rVV6	24576	48859	0.19%	0.033%
32	13.092	1676	1684	1693	rVB3	125282	252827	0.98%	0.173%
33	13.181	1695	1699	1705	rBV4	20943	30886	0.12%	0.021%
34	13.275	1710	1715	1719	rVV3	50526	73501	0.29%	0.050%
35	13.322	1719	1723	1726	rVV6	43989	65190	0.25%	0.045%
36	13.375	1727	1732	1738	rVV	328885	500984	1.94%	0.343%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	13.439	1740	1743	1745	rVV4	41298	59781	0.23%	0.041%
38	13.469	1745	1748	1749	rVV3	60245	77809	0.30%	0.053%
39	13.492	1749	1752	1756	rVV2	81066	127691	0.50%	0.087%
40	13.533	1756	1759	1764	rVB5	26263	40990	0.16%	0.028%
41	13.598	1764	1770	1775	rBV	496587	759953	2.95%	0.521%
42	13.639	1775	1777	1784	rVV7	49850	95108	0.37%	0.065%
43	13.733	1787	1793	1797	rVV3	356744	667411	2.59%	0.457%
44	13.775	1797	1800	1807	rVB3	189123	311389	1.21%	0.213%
45	13.857	1807	1814	1819	rBV	4767846	7251723	28.12%	4.969%
46	13.904	1819	1822	1831	rVV2	887813	1336055	5.18%	0.915%
47	14.016	1834	1841	1846	rVV	941349	1487042	5.77%	1.019%
48	14.057	1846	1848	1852	rVV5	96553	159150	0.62%	0.109%
49	14.110	1852	1857	1864	rVB	439832	685393	2.66%	0.470%
50	14.245	1875	1880	1882	rBV5	51572	88083	0.34%	0.060%
51	14.292	1882	1888	1897	rVB	950890	1620738	6.28%	1.110%
52	14.375	1897	1902	1903	rBV3	50170	73391	0.28%	0.050%
53	14.410	1903	1908	1915	rBV2	858548	1301827	5.05%	0.892%
54	14.480	1915	1920	1926	rVB	1576996	2169121	8.41%	1.486%
55	14.551	1928	1932	1933	rBV4	31382	42172	0.16%	0.029%
56	14.598	1933	1940	1946	rBV	1842548	2966783	11.50%	2.033%
57	14.657	1946	1950	1955	rBV	310230	426683	1.65%	0.292%
58	14.739	1960	1964	1969	rVB2	308307	403888	1.57%	0.277%
59	14.816	1973	1977	1979	rBV	351210	495470	1.92%	0.339%
60	14.904	1990	1992	1996	rVB3	57679	70070	0.27%	0.048%
61	14.957	1997	2001	2007	rBV3	185911	330018	1.28%	0.226%
62	15.045	2008	2016	2020	rBV	453851	740639	2.87%	0.507%
63	15.139	2026	2032	2037	rBV2	282285	447144	1.73%	0.306%
64	15.192	2037	2041	2042	rVV2	95598	127618	0.49%	0.087%
65	15.222	2042	2046	2051	rVB	282764	430257	1.67%	0.295%
66	15.475	2086	2089	2096	rVB5	57756	77291	0.30%	0.053%
67	15.586	2103	2108	2115	rBV	1280702	1769970	6.86%	1.213%
68	15.716	2125	2130	2134	rBV	286542	457674	1.77%	0.314%
69	15.763	2134	2138	2142	rVV6	100361	152611	0.59%	0.105%
70	15.822	2144	2148	2152	rVV3	132950	257872	1.00%	0.177%
71	15.874	2152	2157	2163	rVB	2707661	3857751	14.96%	2.643%
72	16.080	2188	2192	2196	rVB	328720	434901	1.69%	0.298%
73	16.216	2212	2215	2217	rBV2	107996	140144	0.54%	0.096%
74	16.322	2227	2233	2239	rBV6	194702	449750	1.74%	0.308%
75	16.998	2341	2348	2358	rBV	17224241	25789673	100.00%	17.670%
76	17.086	2359	2363	2366	rBV3	403498	702986	2.73%	0.482%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

77	17.345	2402	2407	2412	rVB	2373457	3315198	12.85%	2.271%
78	17.445	2419	2424	2427	rBV	1274455	1823618	7.07%	1.249%
79	18.245	2556	2560	2572	rVB	1156683	1866341	7.24%	1.279%
80	19.204	2719	2723	2728	rVB	967815	1216358	4.72%	0.833%
81	19.439	2761	2763	2768	rVB4	727644	907349	3.52%	0.622%
82	19.521	2775	2777	2784	rVB2	404524	541269	2.10%	0.371%
83	19.598	2787	2790	2796	rVB	1119517	1428022	5.54%	0.978%
84	19.733	2809	2813	2819	rVB	1638882	2171507	8.42%	1.488%
85	19.904	2839	2842	2849	rBV	430415	624781	2.42%	0.428%
86	20.445	2930	2934	2943	rVB3	1624100	2781139	10.78%	1.906%
87	20.615	2957	2963	2967	rBV	16681128	20528032	79.60%	14.065%
88	20.657	2967	2970	2978	rVB2	2977804	4681092	18.15%	3.207%
89	21.239	3065	3069	3073	rBV	1073593	1329245	5.15%	0.911%
90	21.327	3080	3084	3095	rVB2	1098654	1868953	7.25%	1.281%
91	21.527	3113	3118	3128	rBV	3084340	4404596	17.08%	3.018%
92	22.109	3214	3217	3221	rVB	753555	853195	3.31%	0.585%
93	22.162	3221	3226	3237	rVB2	2751419	4959343	19.23%	3.398%
94	23.786	3497	3502	3508	rVB2	1081158	2027389	7.86%	1.389%
95	23.945	3524	3529	3539	rVB	2111604	4431056	17.18%	3.036%
96	24.609	3638	3642	3649	rVB	764049	1539483	5.97%	1.055%
97	24.697	3651	3657	3666	rVB	1492267	3250726	12.60%	2.227%
98	25.444	3779	3784	3787	rBV3	724524	1498206	5.81%	1.027%
99	25.656	3813	3820	3831	rVB2	2011689	4966849	19.26%	3.403%
100	27.403	4111	4117	4129	rVB3	921850	2734927	10.60%	1.874%

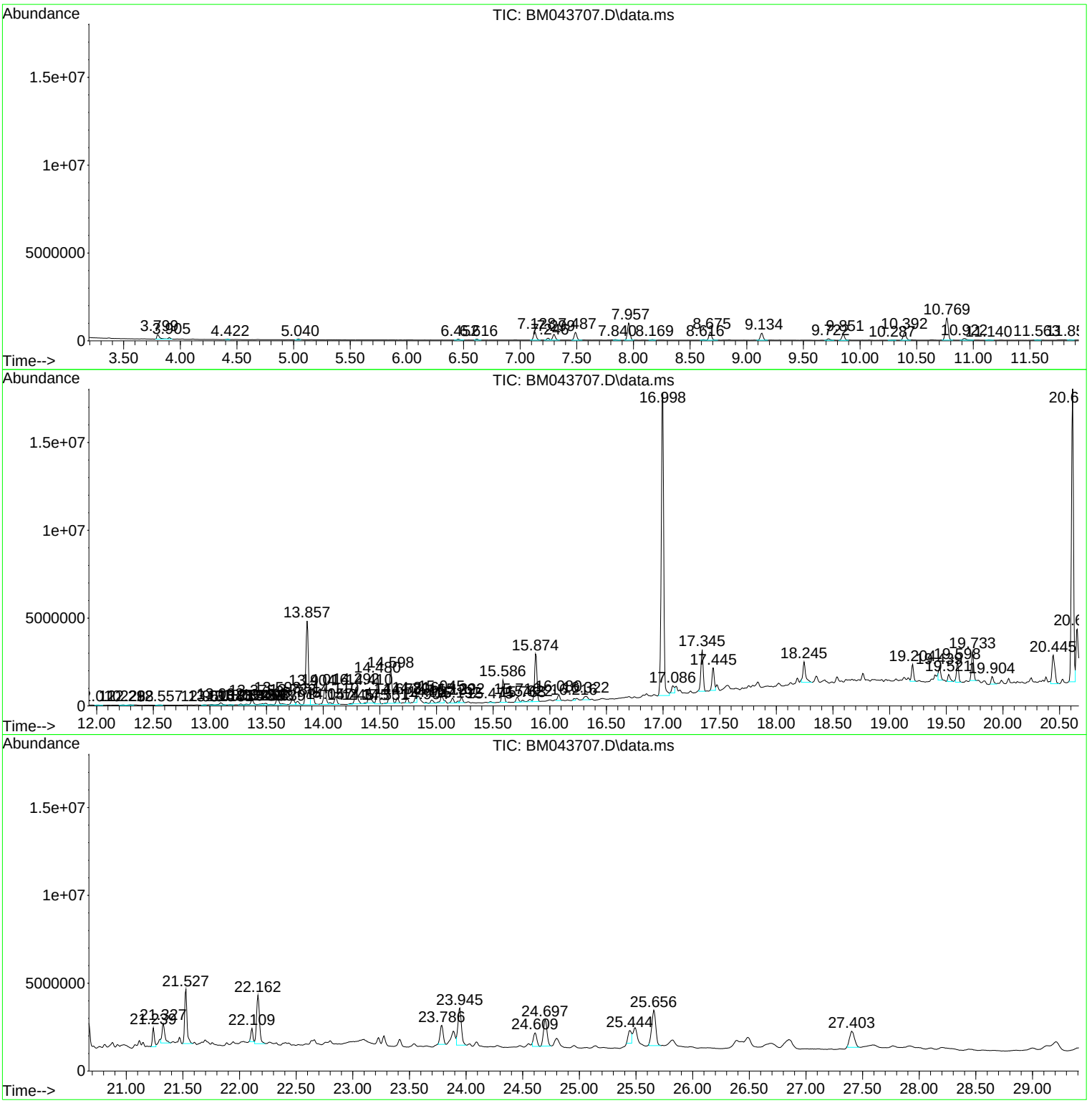
Sum of corrected areas: 145952190

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

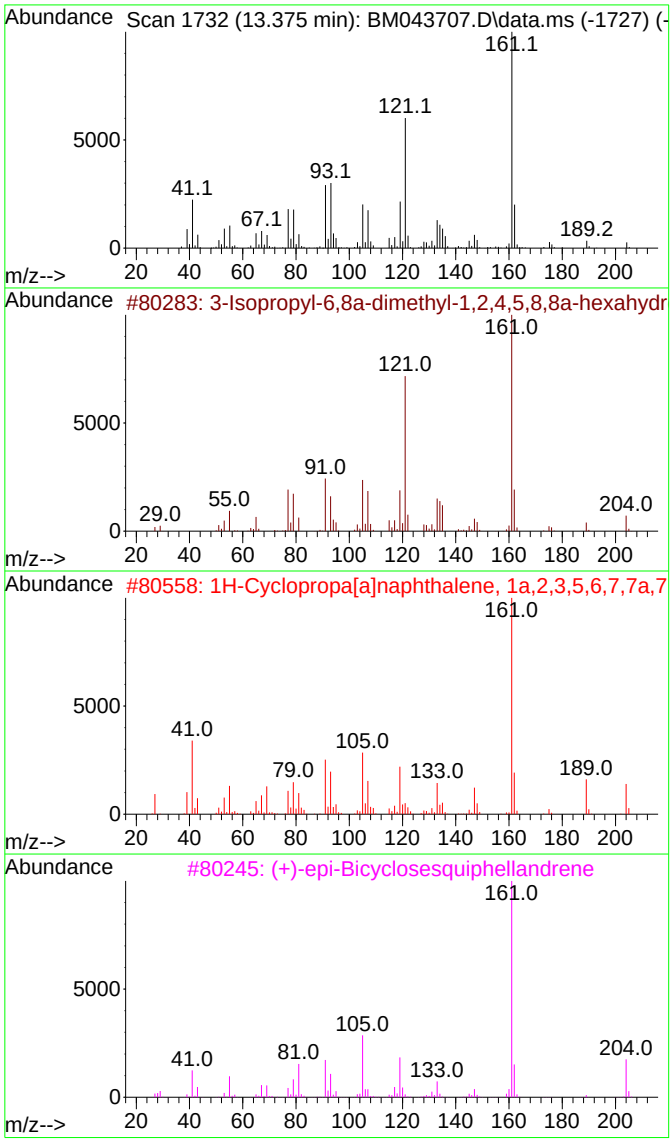
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

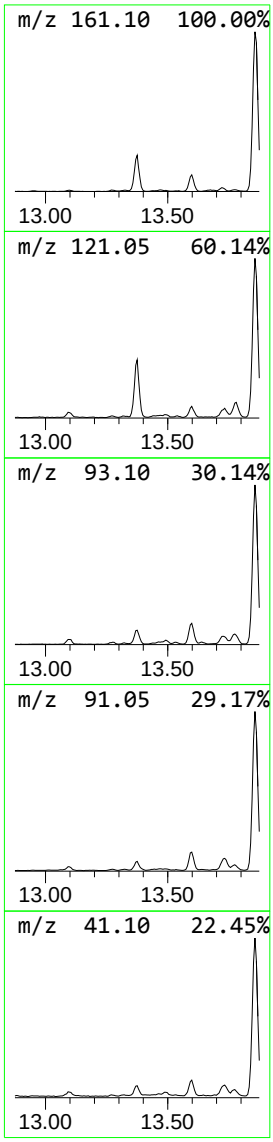
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Isopropyl-6,8a-dimethyl-1... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	3.38 ng/ul	500984	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropyl-6,8a-dimethyl-1,2,4,...	204	C15H24	016661-00-0	87
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	64
3	(+)-epi-Bicyclosesquiphellandrene	204	C15H24	054274-73-6	58
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	52
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

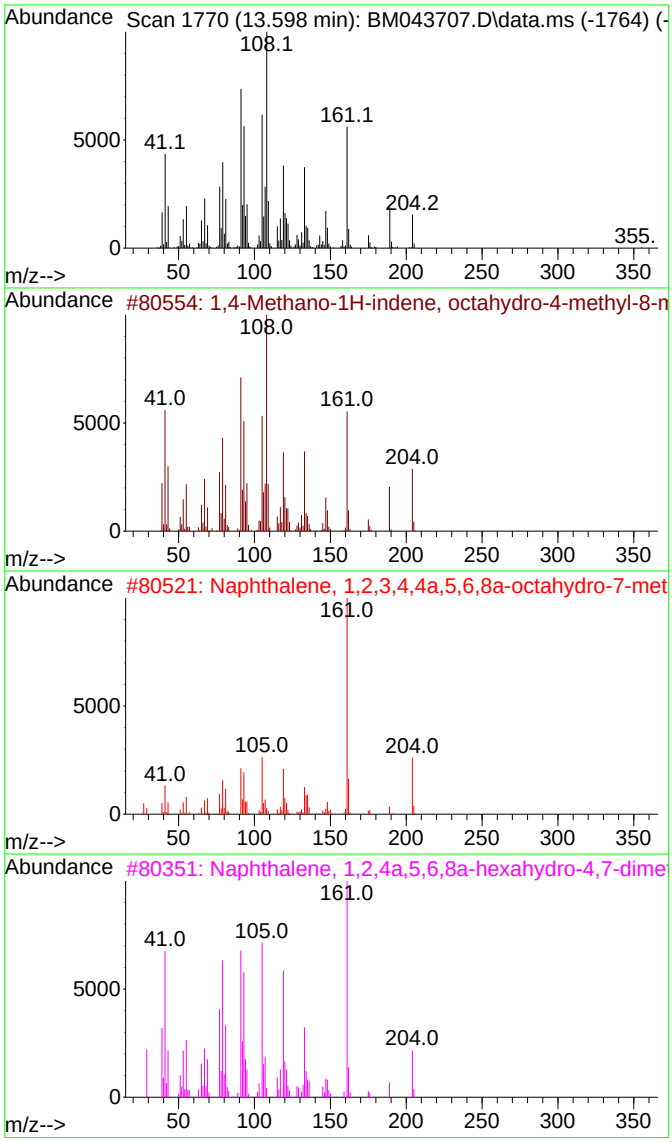
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

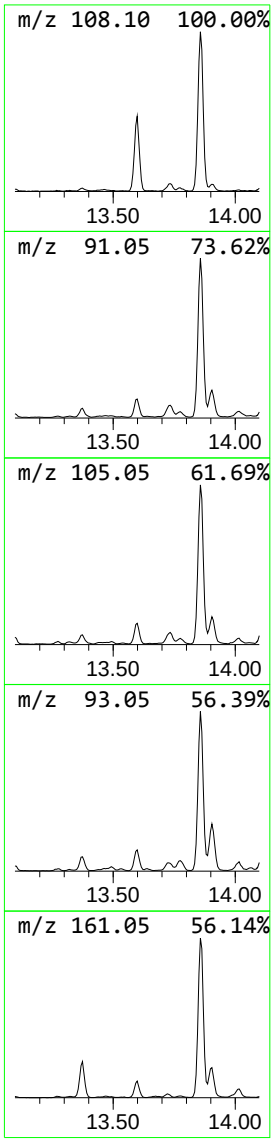
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Methano-1H-indene, octa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	5.12 ng/ul	759953	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	99
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	95
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	94
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	81
5	.gamma.-Muurolene	204	C15H24	030021-74-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

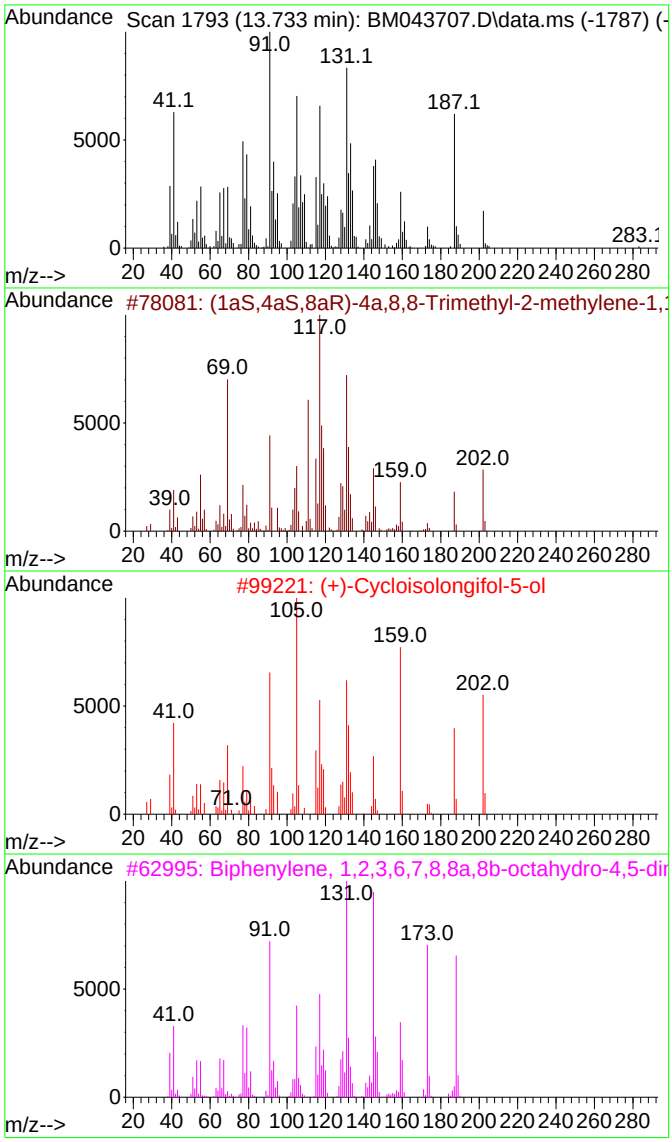
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

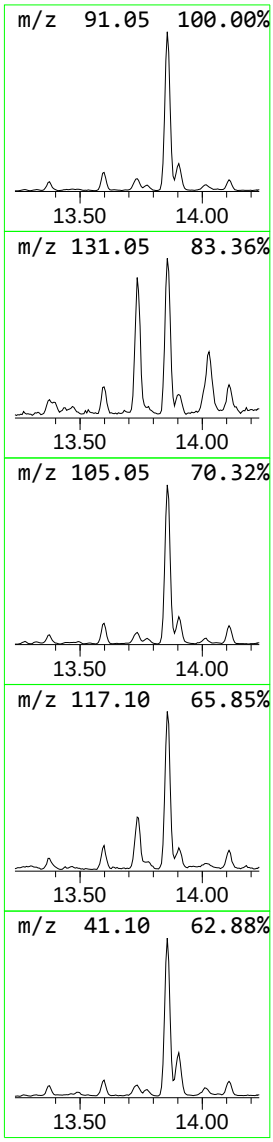
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (1aS,4aS,8aR)-4a,8,8-Trimet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	4.50 ng/ul	667411	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1aS,4aS,8aR)-4a,8,8-Trimethyl-2...	202	C15H22	051446-91-4	95
2	(+)-Cycloisolongifol-5-ol	220	C15H24O	074841-81-9	52
3	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188	C14H20	106988-87-8	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
5	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

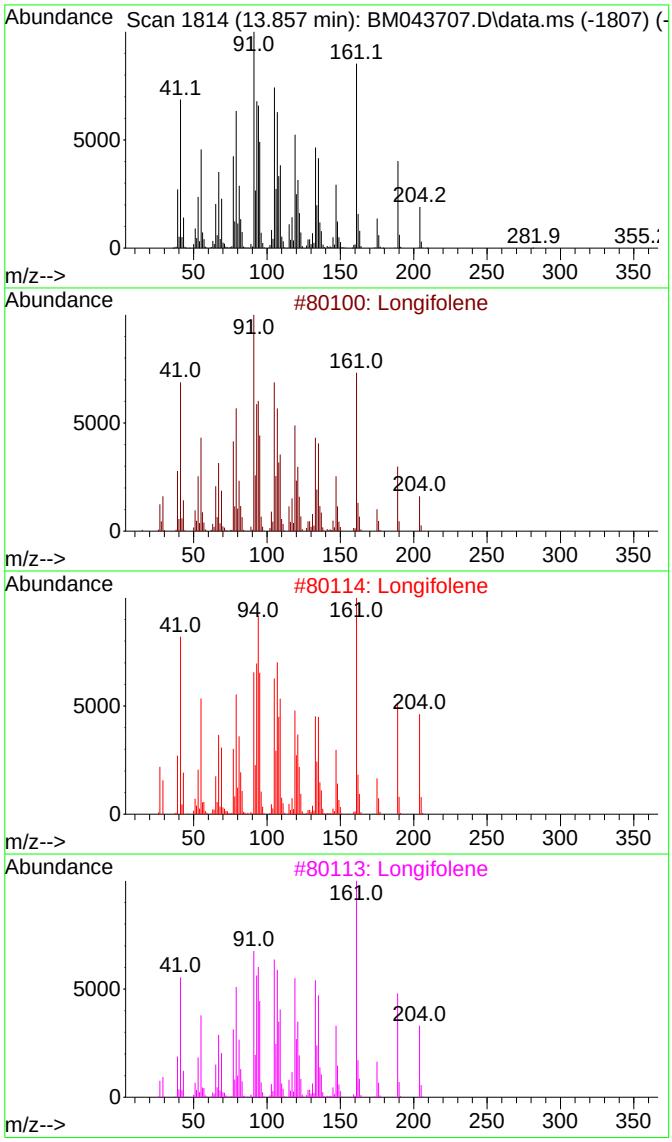
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

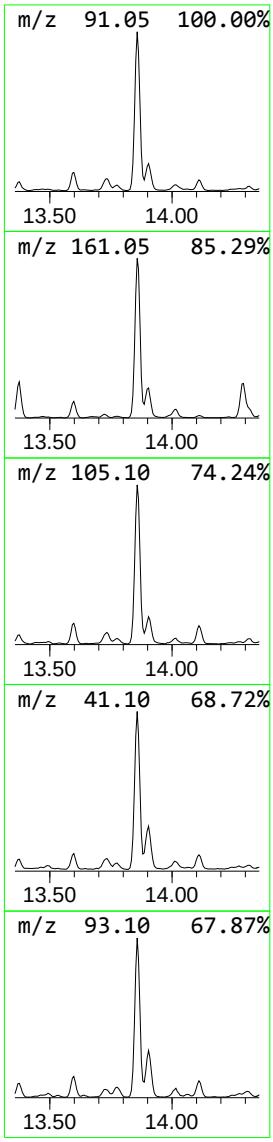
****

Peak Number 6 Longifolene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	48.89 ng/ul	7251720	Acenaphthene-d10	14.598

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

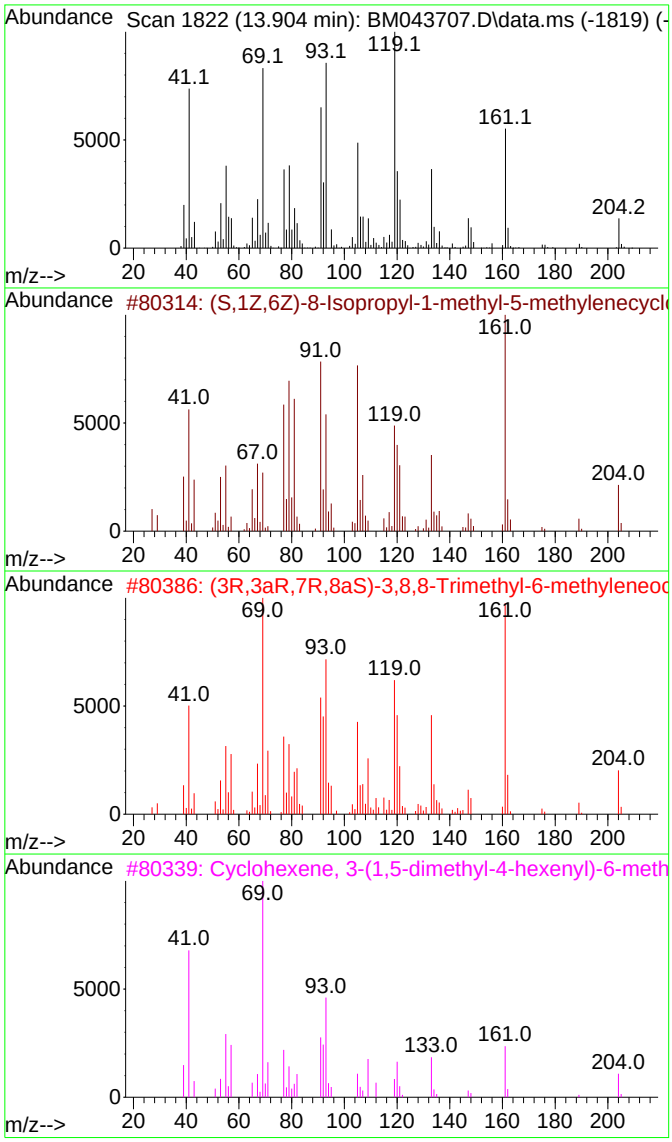
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

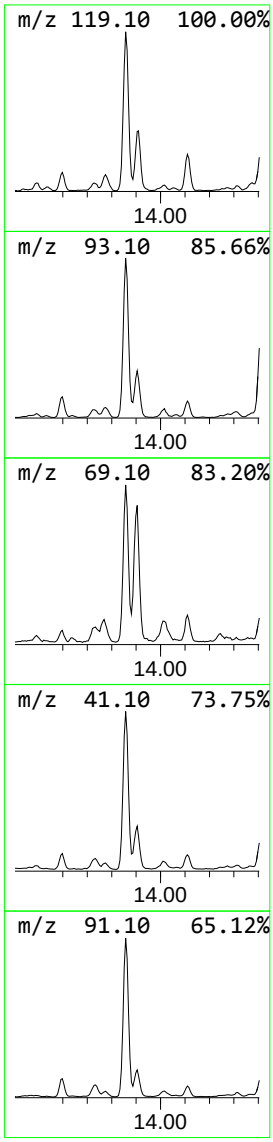
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (S,1Z,6Z)-8-Isopropyl-1-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	9.01 ng/ul	1336060	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	86
2	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	83
3	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	70
4	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	70
5	cis-.beta.-Farnesene	204	C15H24	028973-97-9	55





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

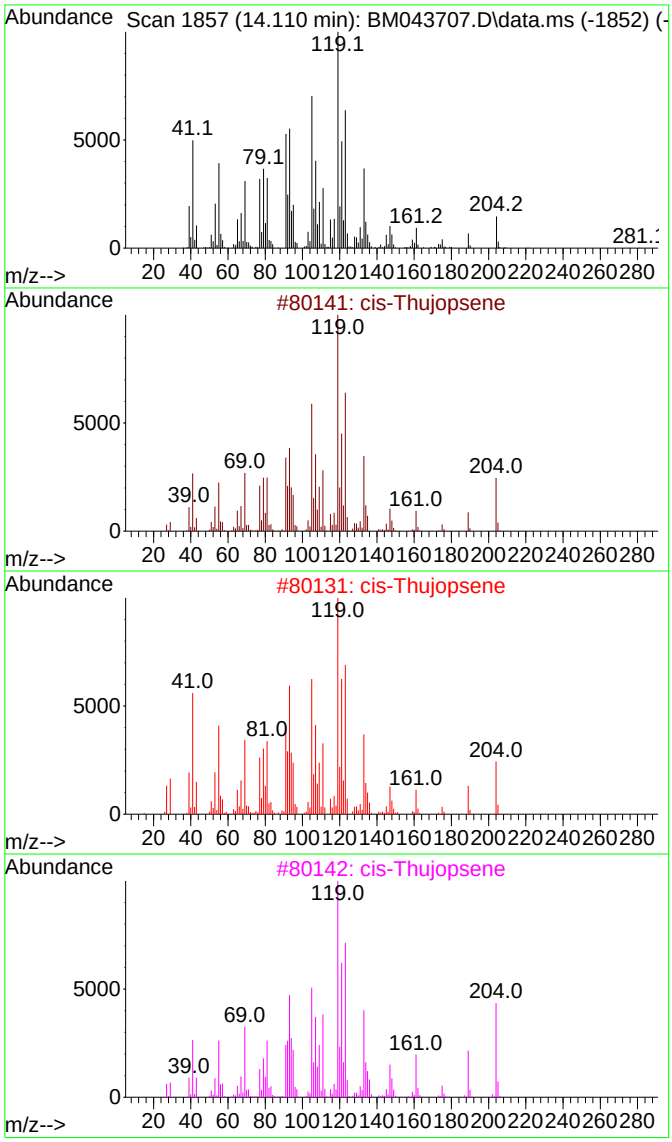
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

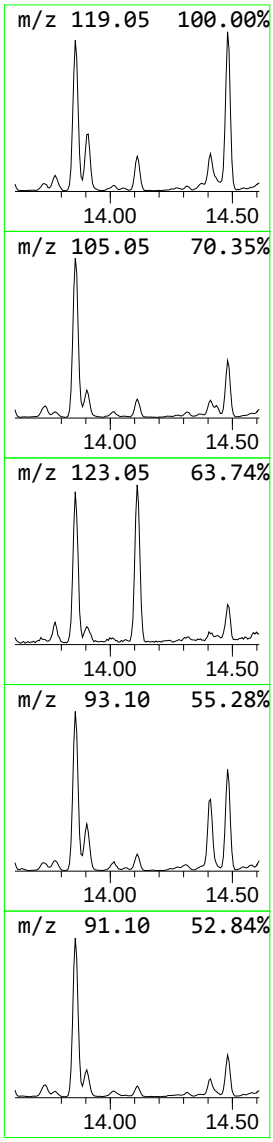
****

Peak Number 8 cis-Thujopsene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	4.62 ng/ul	685393	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	98
2	cis-Thujopsene	204	C15H24	000470-40-6	95
3	cis-Thujopsene	204	C15H24	000470-40-6	87
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86





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Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

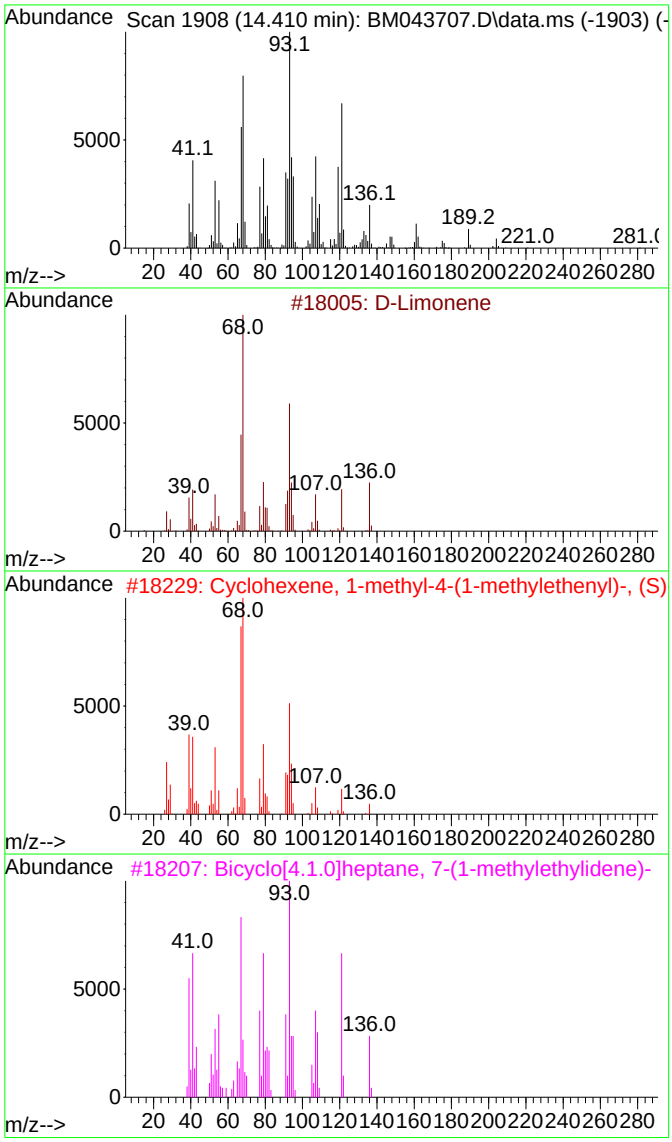
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

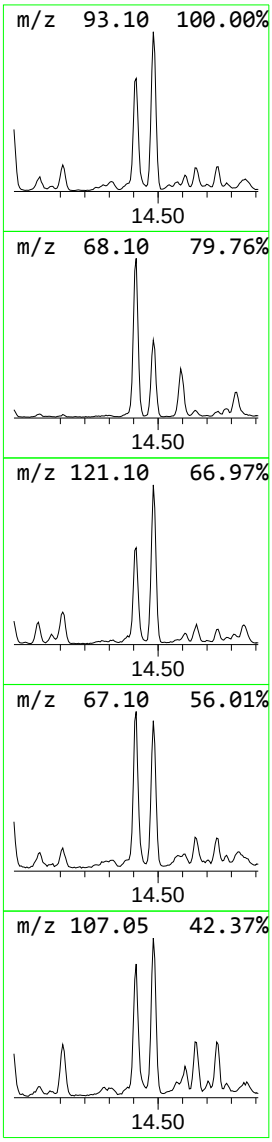
****

Peak Number 9 D-Limonene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	8.78 ng/ul	1301830	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	87
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81
3	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	60
4	Camphene	136	C10H16	000079-92-5	60
5	(Z)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	013062-00-5	50





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

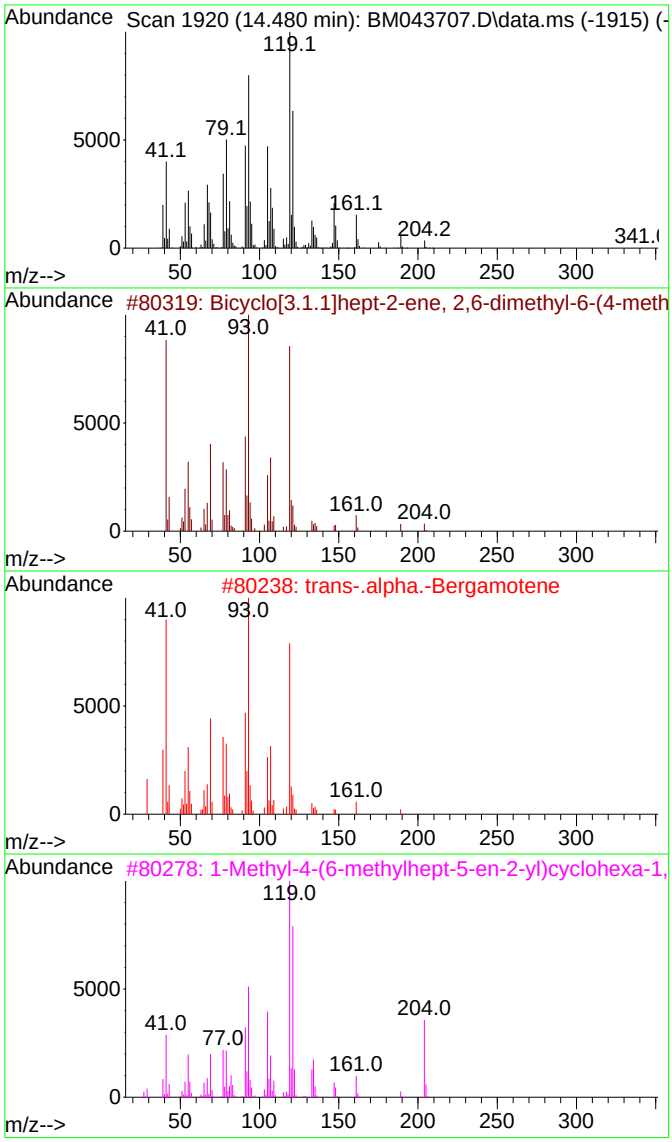
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

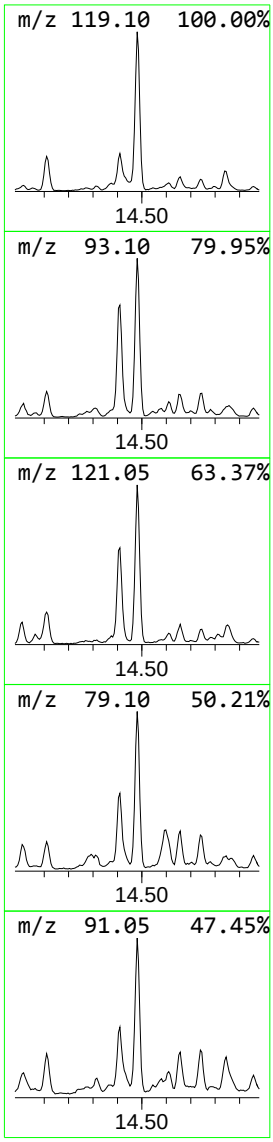
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	14.62 ng/ul	2169120	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	76
2	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	72
3	1-Methyl-4-(6-methylhept-5-en-2-...	204	C15H24	000451-55-8	70
4	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	64
5	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	64





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

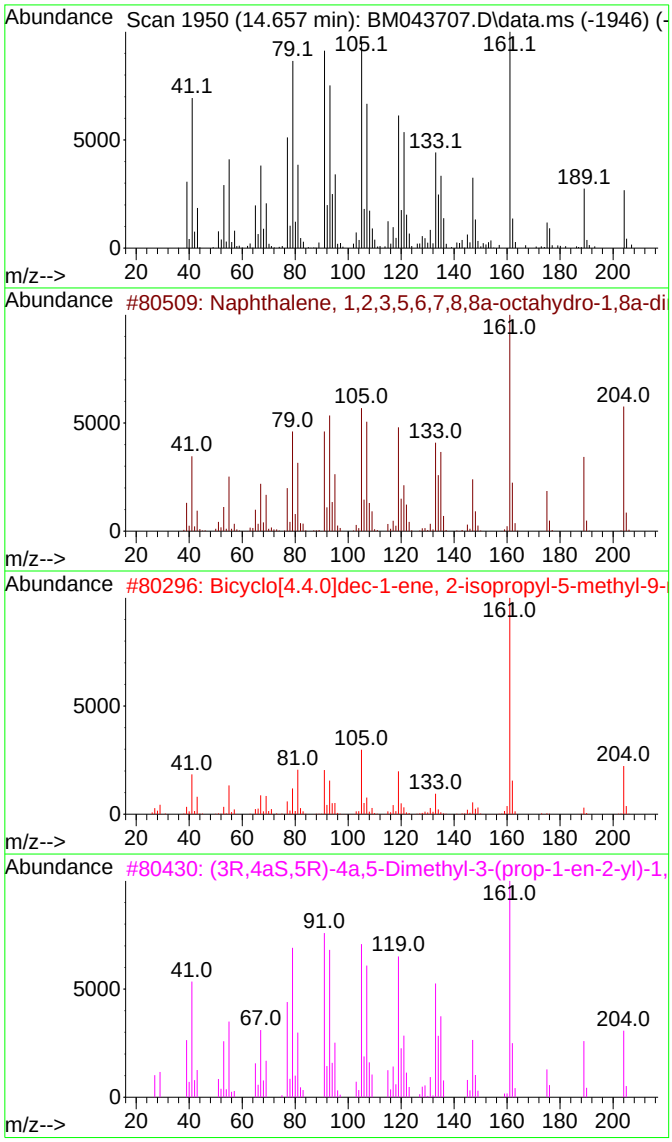
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

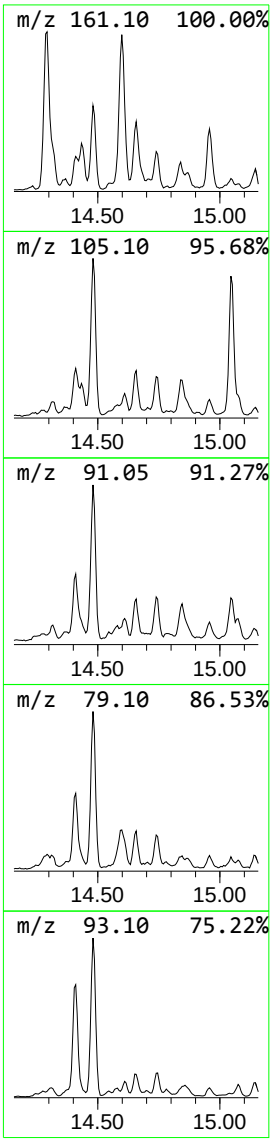
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	2.88 ng/ul	426683	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
2	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	94
3	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	94
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	93
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	93





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

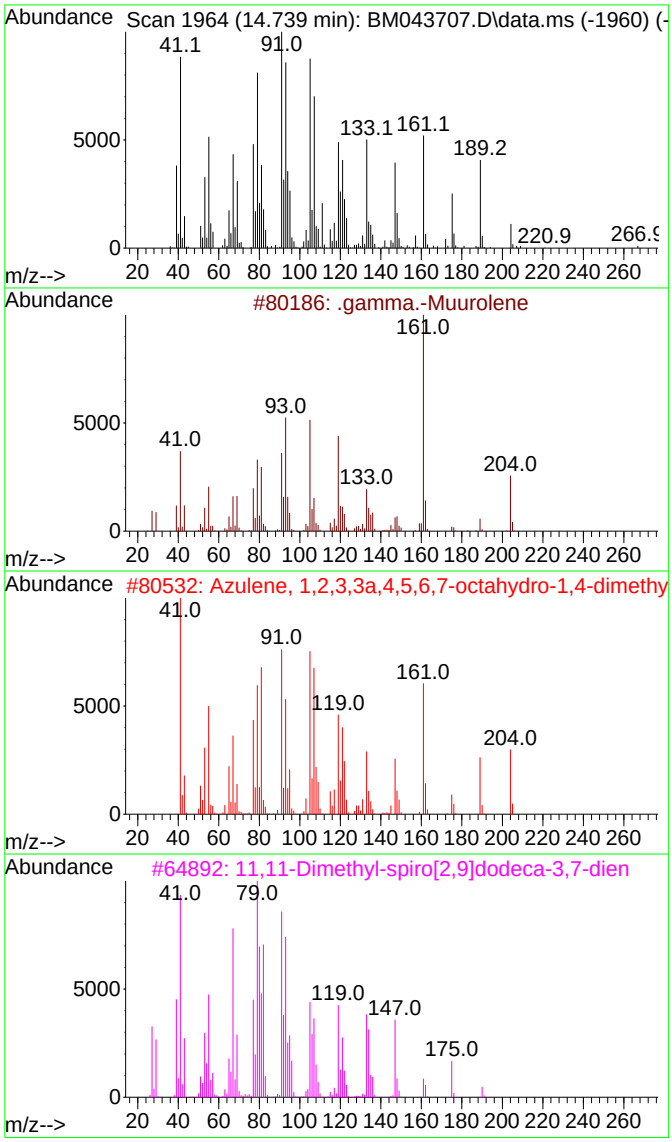
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

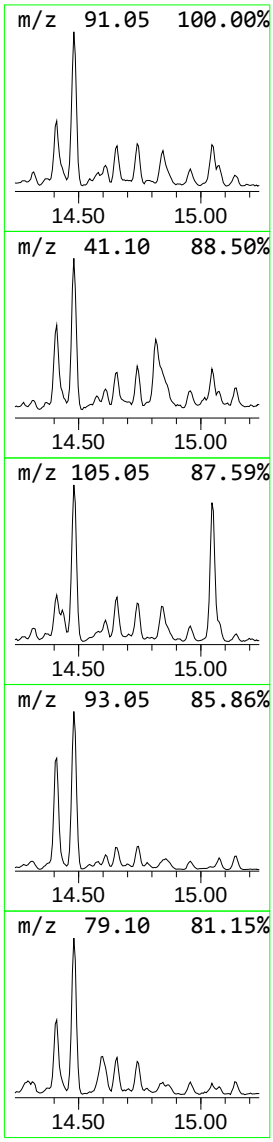
****

Peak Number 12 .gamma.-Muurolene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	2.72 ng/ul	403888	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Muurolene	204	C15H24	030021-74-0	90
2	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	86
3	11,11-Dimethyl-spiro[2,9]dodeca-...	190	C14H22	1000062-28-4	70
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	70
5	Caryophyllene	204	C15H24	000087-44-5	70





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

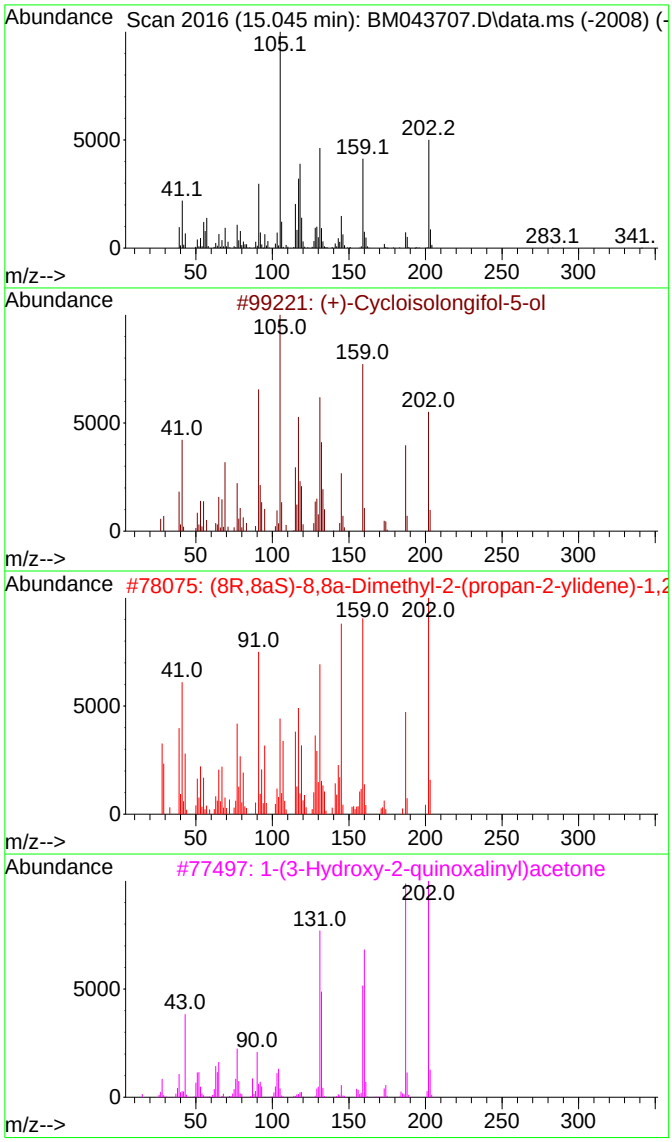
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

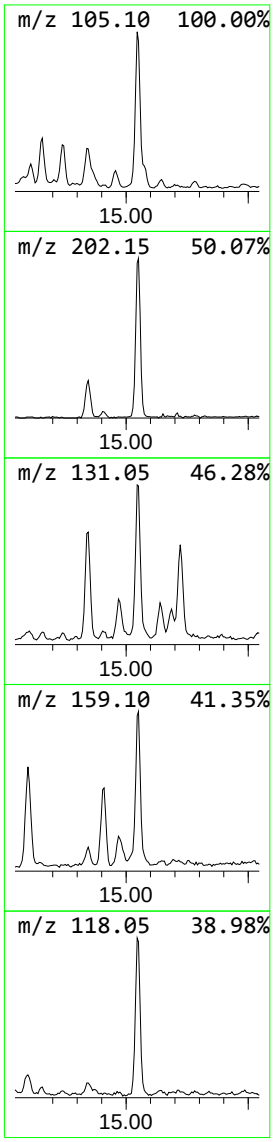
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (+)-Cycloisolongifol-5-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	4.99 ng/ul	740639	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-Cycloisolongifol-5-ol	220	C15H24O	074841-81-9	58
2	(8R,8aS)-8,8a-Dimethyl-2-(propan...	202	C15H22	027840-40-0	43
3	1-(3-Hydroxy-2-quinoxalinyl)acetone	202	C11H10N2O2	014003-37-3	38
4	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	38
5	3,5,11-Eudesmatriene	202	C15H22	193615-07-5	30





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

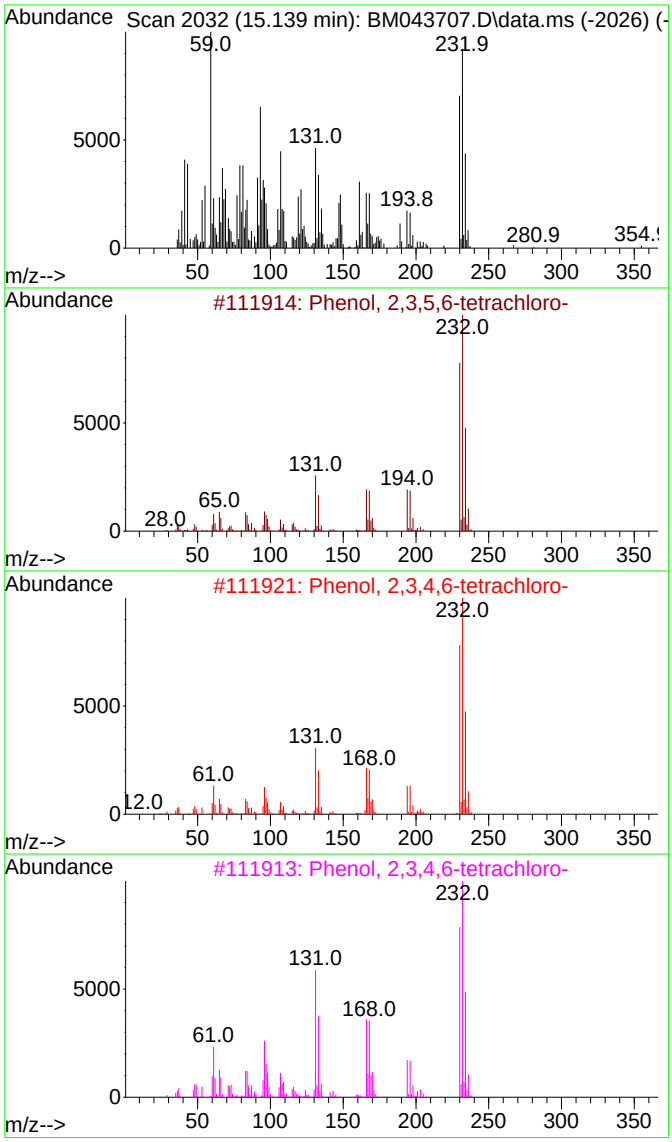
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

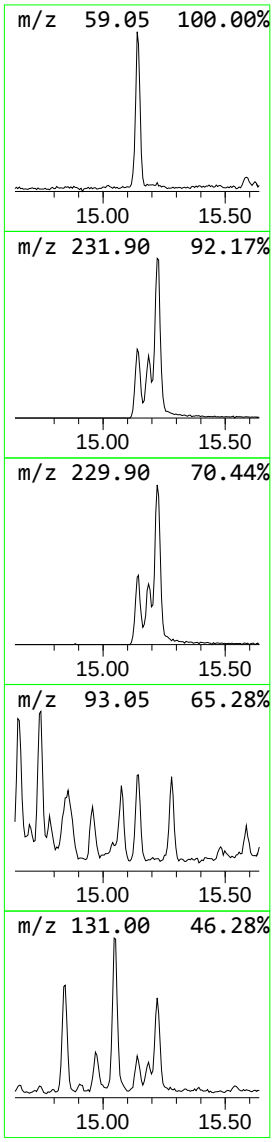
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	3.01 ng/ul	447144	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	95
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	86
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	78
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	78
5	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	78





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Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

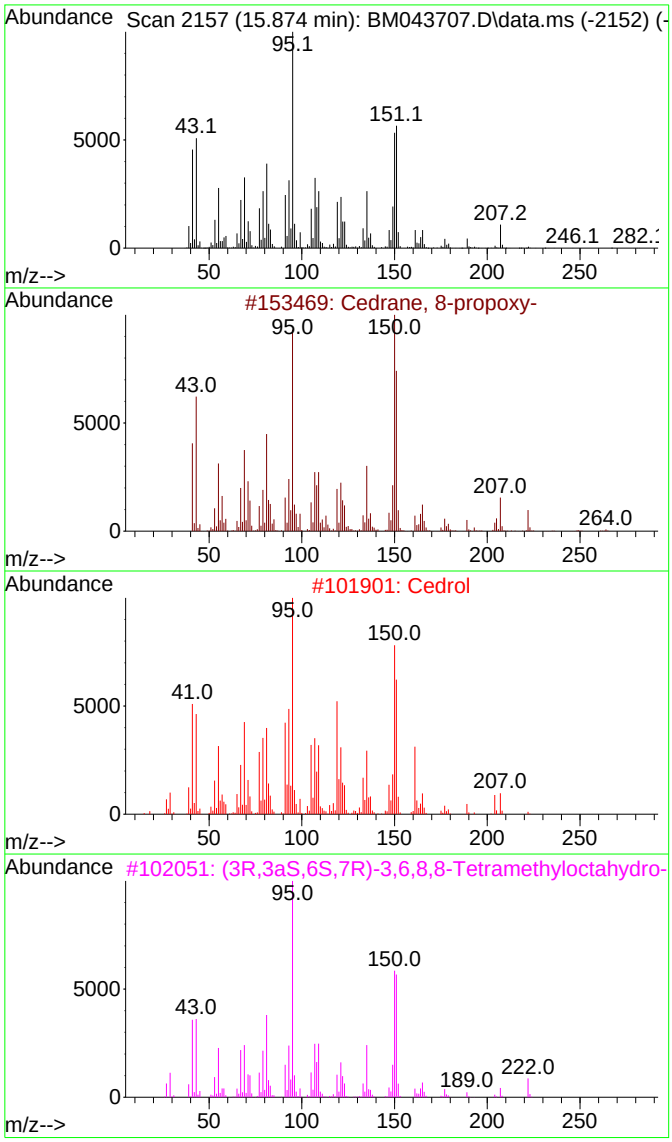
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

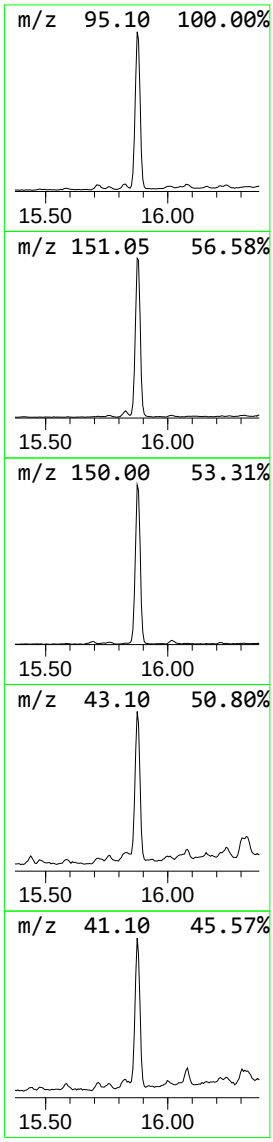
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cedrane, 8-propoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	26.01 ng/ul	3857750	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	87
2	Cedrol	222	C15H26O	000077-53-2	86
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	80
4	Cedrol	222	C15H26O	000077-53-2	74
5	Cedrol	222	C15H26O	000077-53-2	74





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Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

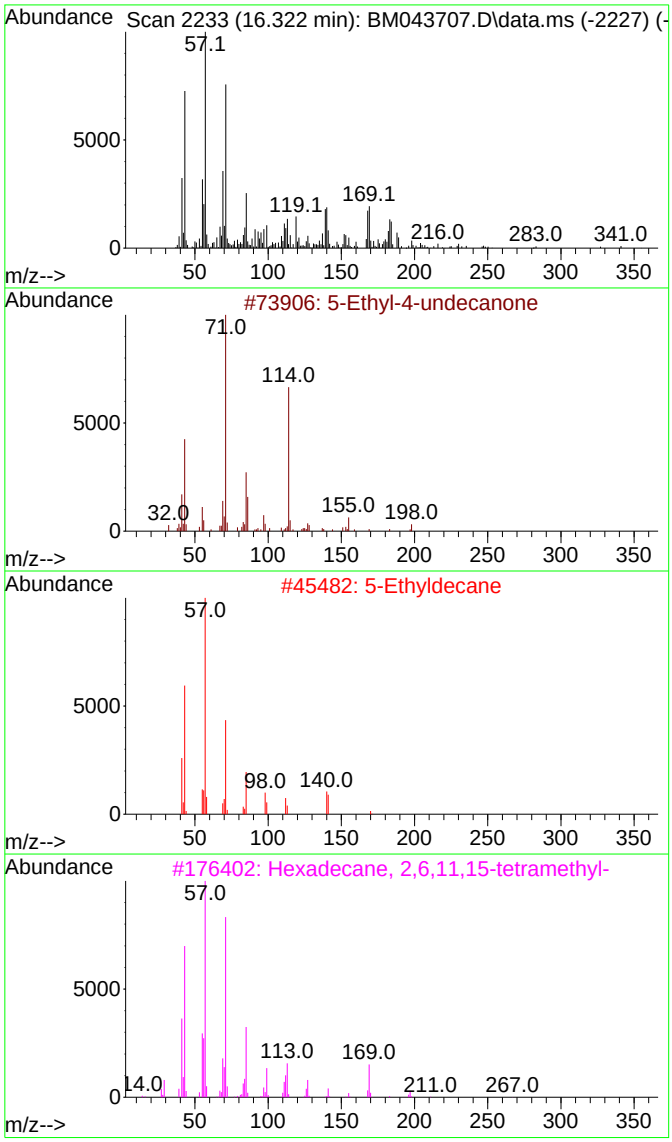
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

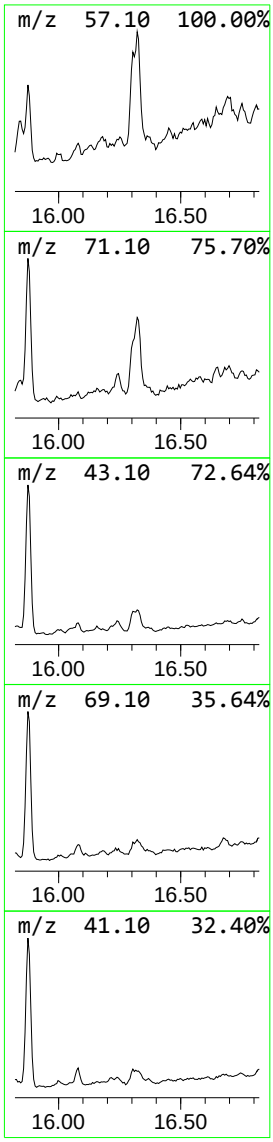
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5-Ethyl-4-undecanone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.322	2.71 ng/ul	449750	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-4-undecanone	198	C13H26O	1000374-08-5	60
2	5-Ethyldecane	170	C12H26	017302-36-2	58
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52





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Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

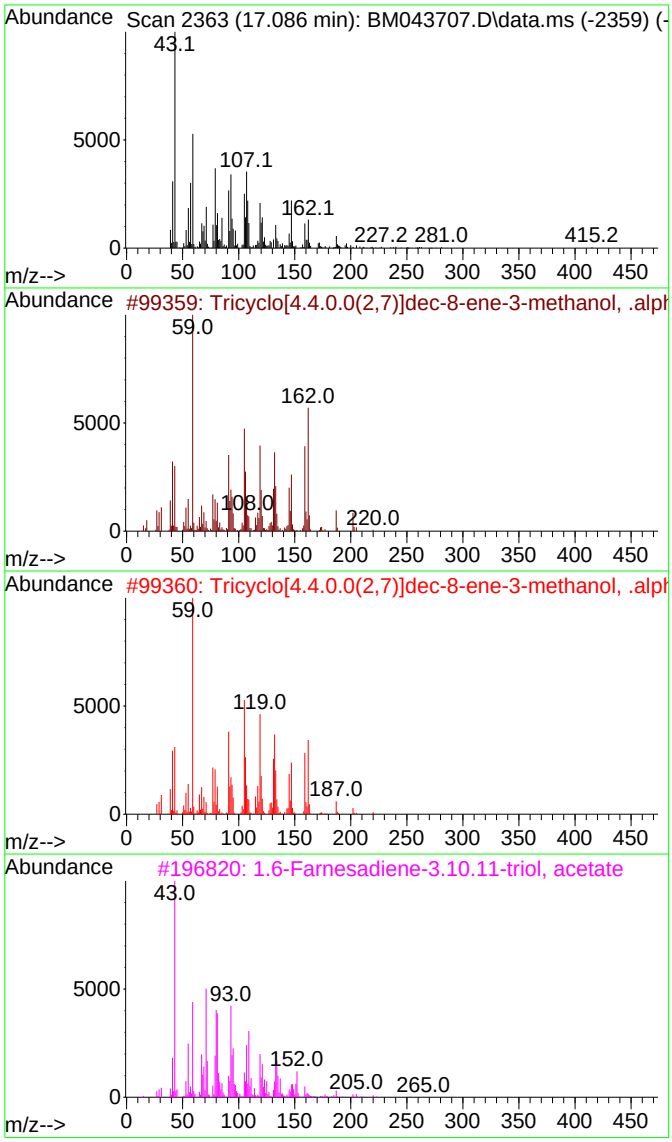
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

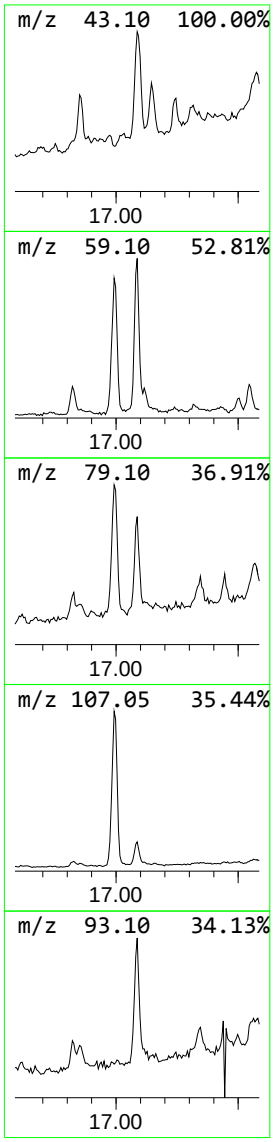
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	4.24 ng/ul	702986	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	43
2	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	40
3	1.6-Farnesadiene-3.10.11-triol, ...	298	C17H30O4	1000512-91-5	32
4	1,1,4,7-Tetramethyldecahydro-1H-...	238	C15H26O2	1212211-43-2	25
5	Methyl cis-2-(3-cyclopropyl-7-no...	208	C13H20O2	1000223-15-7	20





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Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

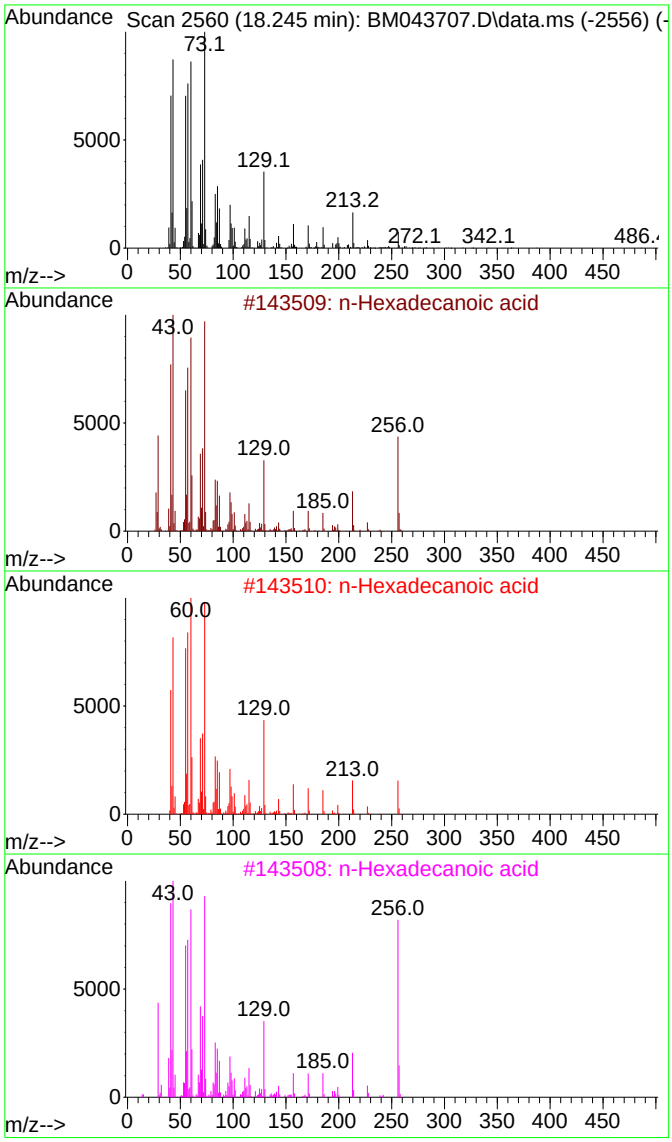
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

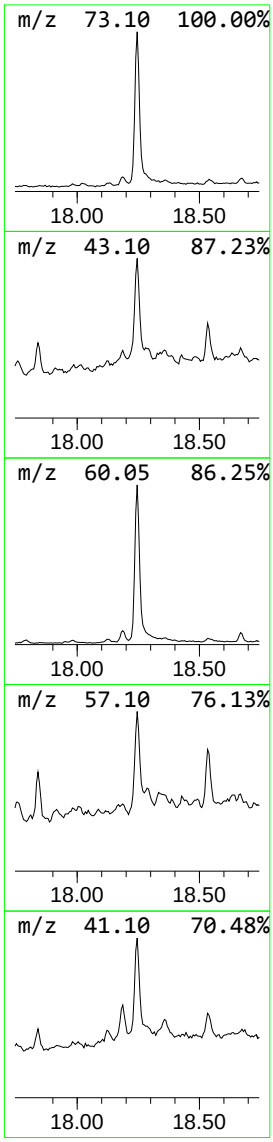
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	11.26 ng/ul	1866340	Phenanthrene-d10	17.345

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

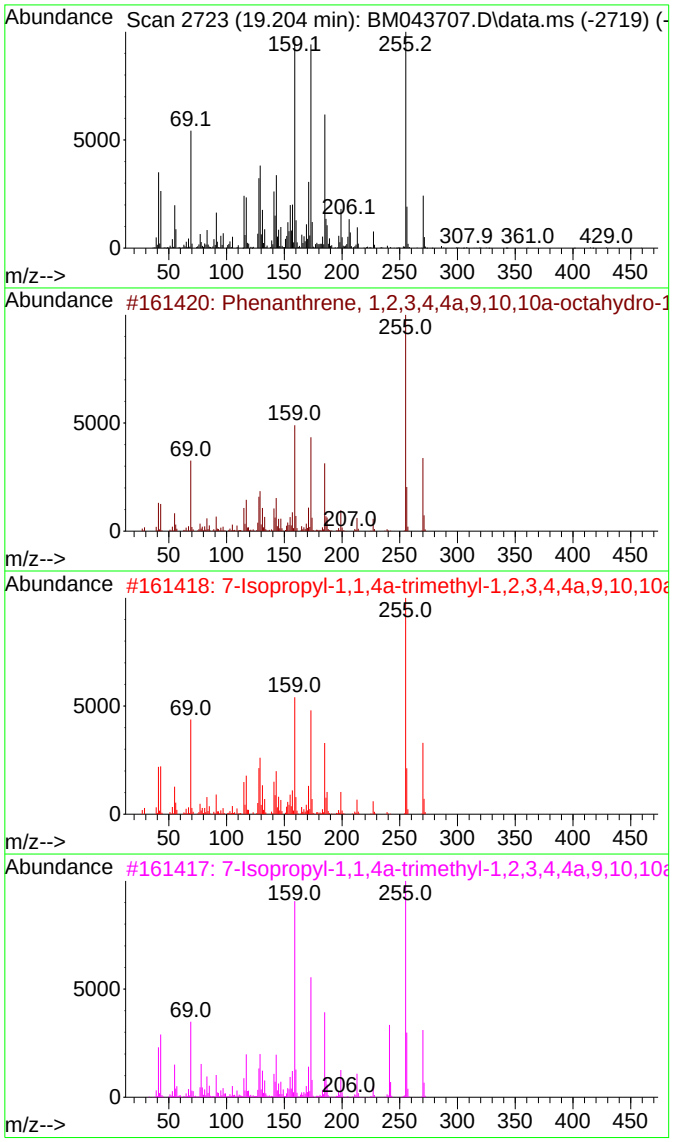
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

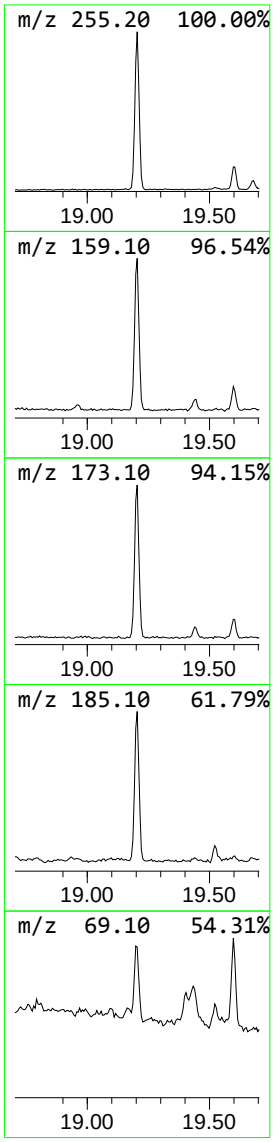
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	7.34 ng/ul	1216360	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	99
2	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	96
3	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	64
4	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	20
5	N-Phenylmaleimide	173	C10H7NO2	000941-69-5	18





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

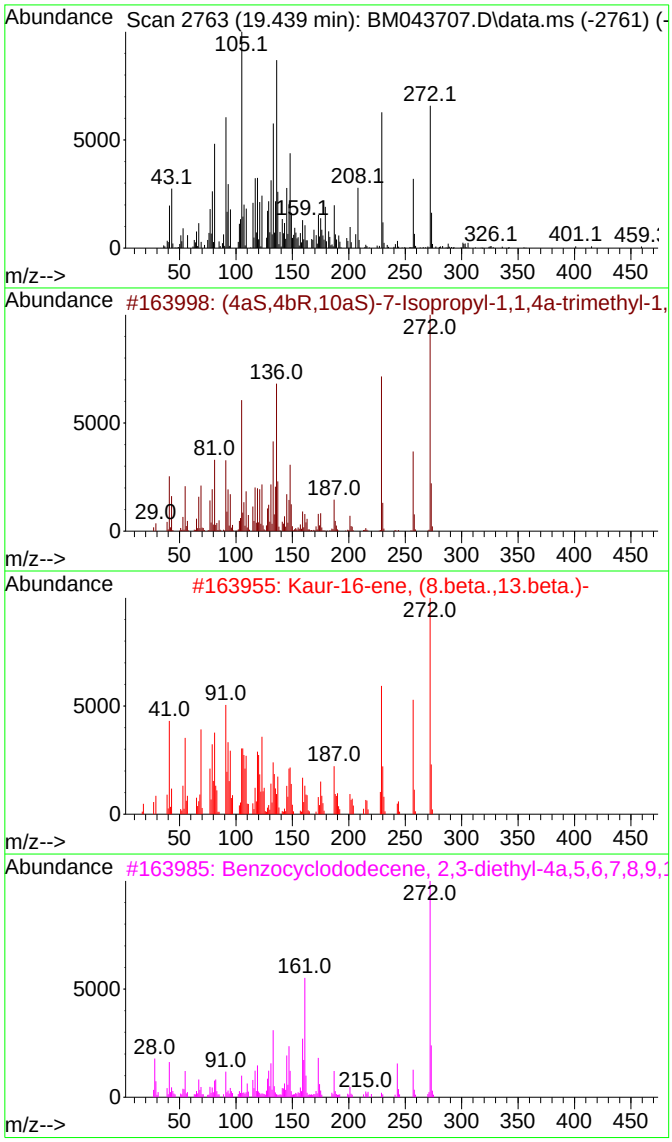
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

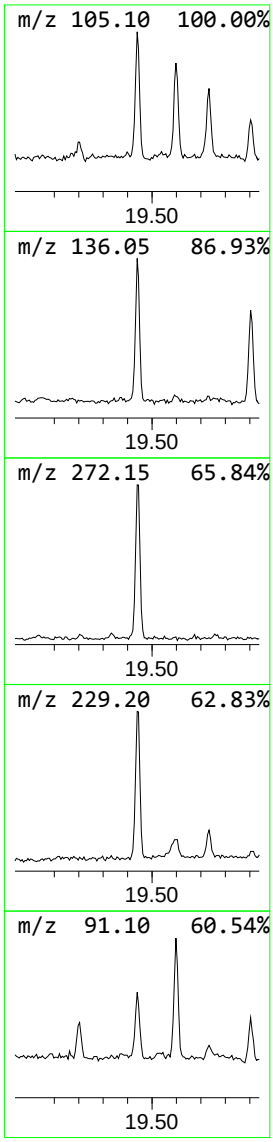
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (4aS,4bR,10aS)-7-Isopropyl-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	4.12 ng/ul	907349	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aS,4bR,10aS)-7-Isopropyl-1,1,4...	272	C20H32	035241-40-8	99
2	Kaur-16-ene, (8.beta.,13.beta.)-	272	C20H32	020070-61-5	50
3	Benzocyclododecene, 2,3-diethyl-...	272	C20H32	061141-65-9	45
4	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	25
5	Androst-5-en-17-one	272	C19H28O	025824-80-0	25





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

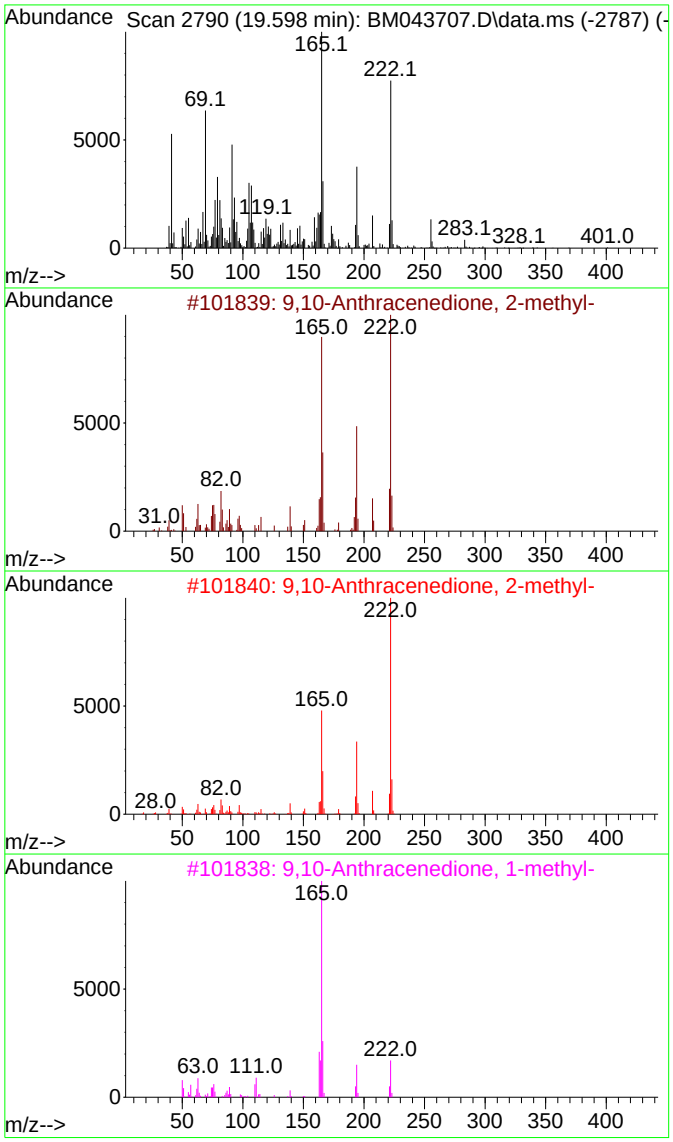
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

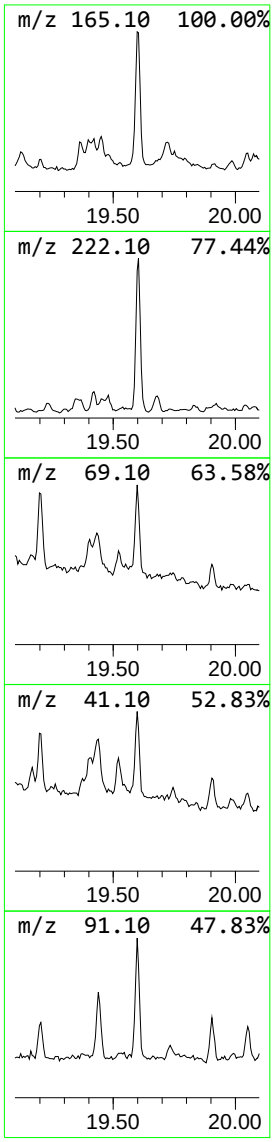
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9,10-Anthracenedione, 2-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	6.48 ng/ul	1428020	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	93
2	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	91
3	9,10-Anthracenedione, 1-methyl-	222	C15H10O2	000954-07-4	90
4	9,10-Anthracenedione, 2-methyl-	222	C15H10O2	000084-54-8	89
5	Benzalphthalide	222	C15H10O2	000575-61-1	81





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

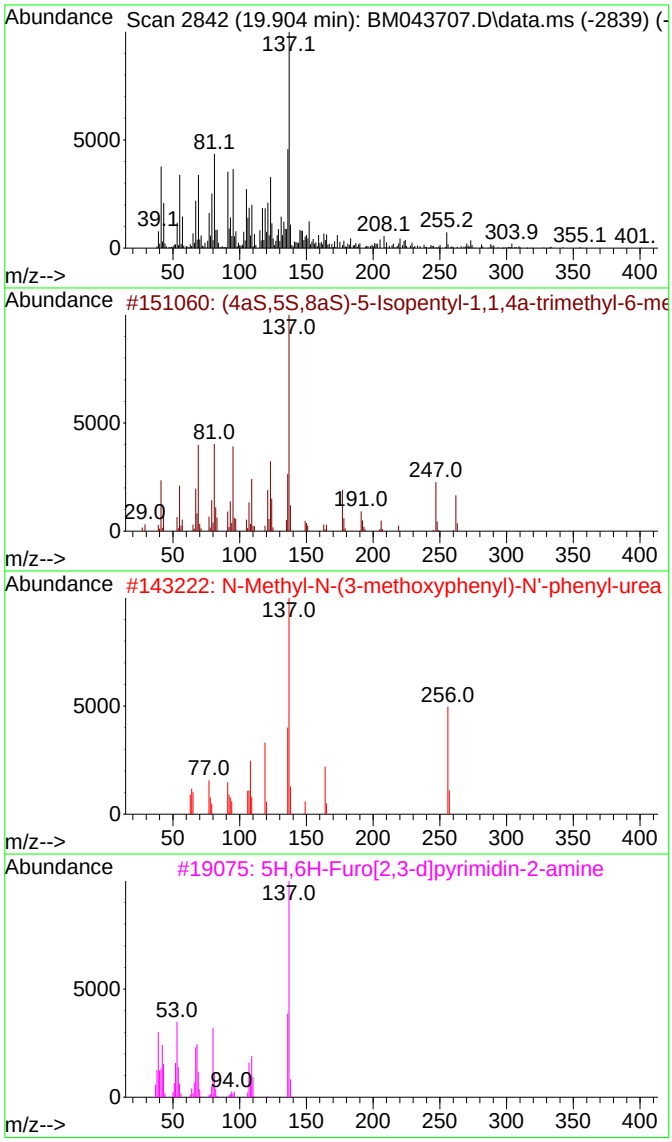
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

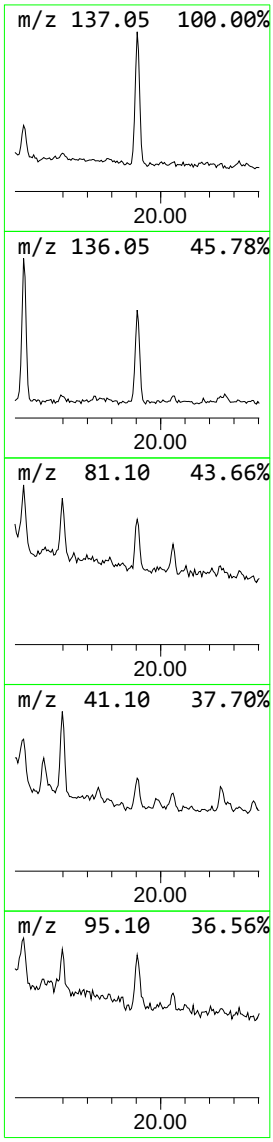
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (4aS,5S,8aS)-5-Isopentyl-1,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.904	2.84 ng/ul	624781	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aS,5S,8aS)-5-Isopentyl-1,1,4a-...	262	C19H34	220766-78-9	59
2	N-Methyl-N-(3-methoxyphenyl)-N'-...	256	C15H16N2O2	067309-71-1	53
3	5H,6H-Furo[2,3-d]pyrimidin-2-amine	137	C6H7N3O	088513-35-3	52
4	4-Deoxypyridoxine, O,O'-bis(3-me...	293	C18H31NO2	1000453-12-3	50
5	4-Deoxypyridoxine, O,O'-bis(2-me...	293	C18H31NO2	1000453-12-4	50





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Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

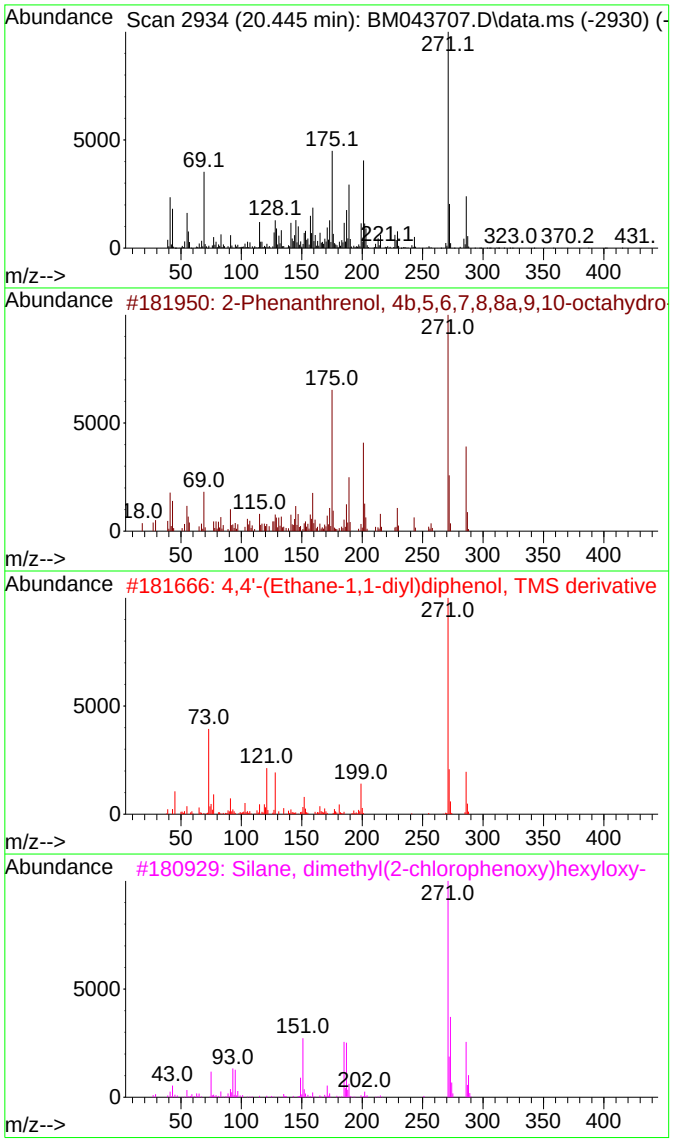
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

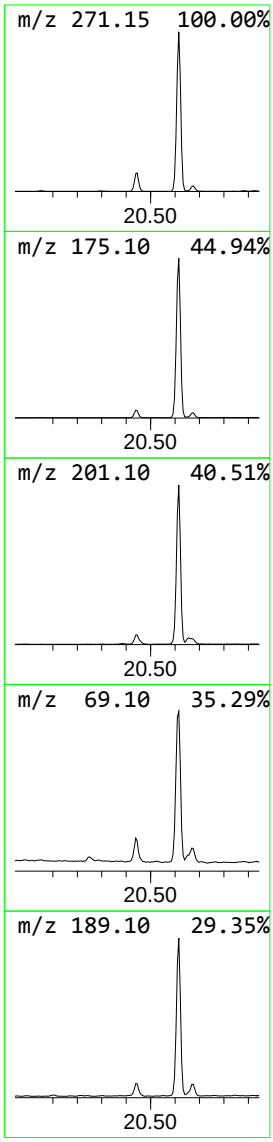
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	12.63 ng/ul	2781140	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	83
2	4,4'-(Ethane-1,1-diyl)diphenol, ...	286	C17H22O2Si	1000488-41-7	50
3	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	38
4	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	38
5	Silane, methylvinyl(hept-2-yloxy...	386	C20H42O3Si2	1000415-64-3	37





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

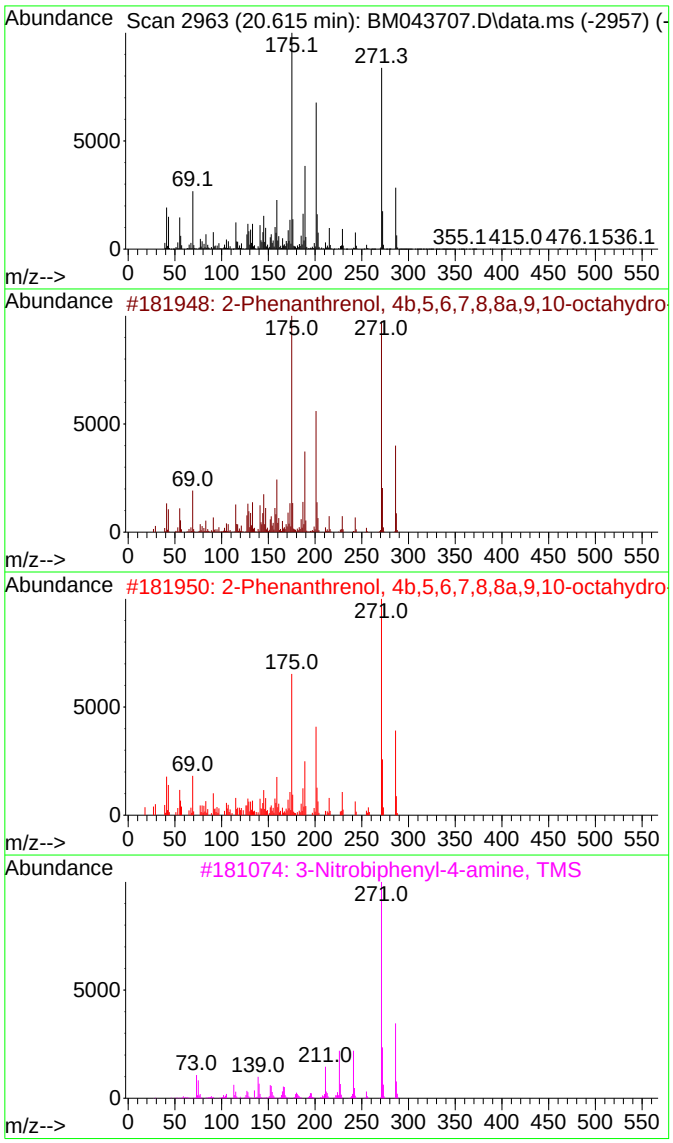
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

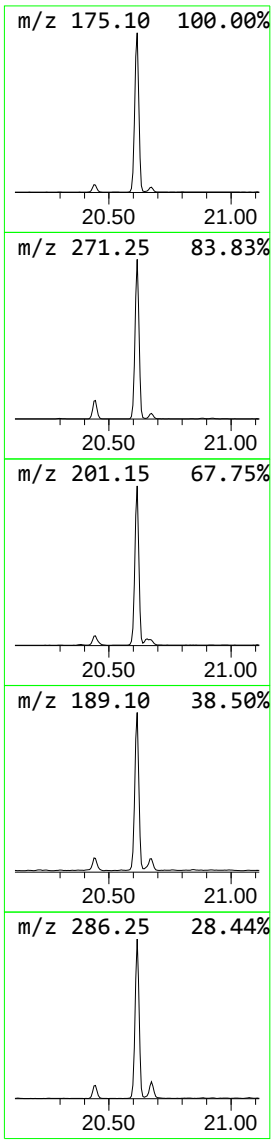
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.615	93.21 ng/ul	20528000	Chrysene-d12	21.527

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	96
3	3-Nitrobiphenyl-4-amine, TMS	286	C15H18N2O2Si	1000514-50-3	22
4	Desomorphine	271	C17H21NO2	000427-00-9	20
5	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	20





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

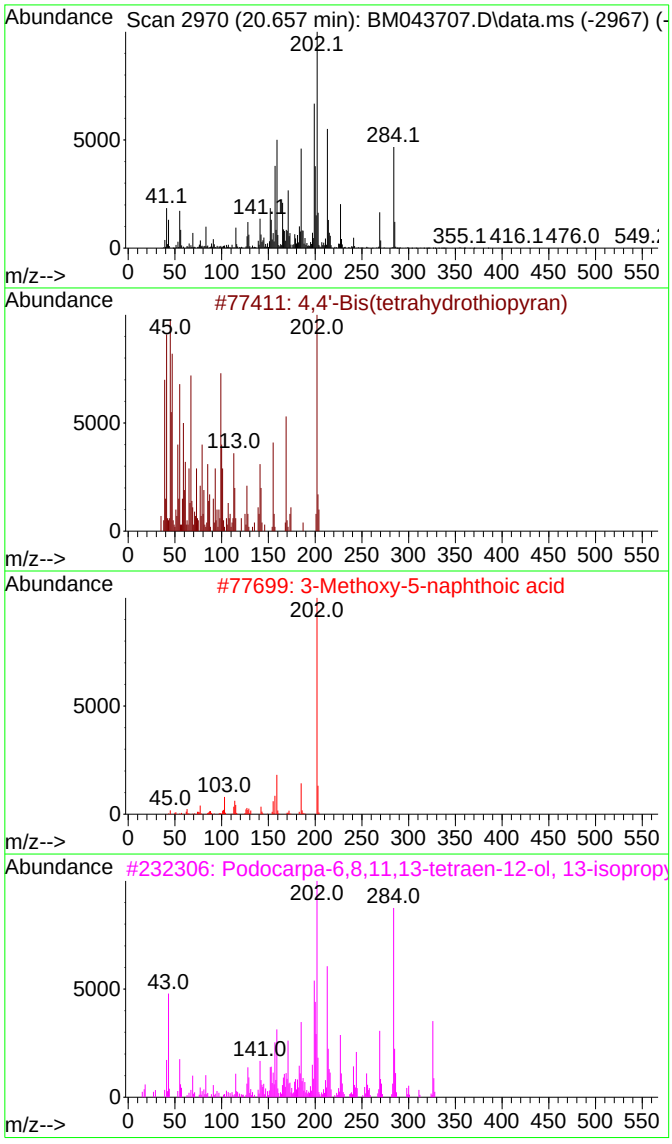
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

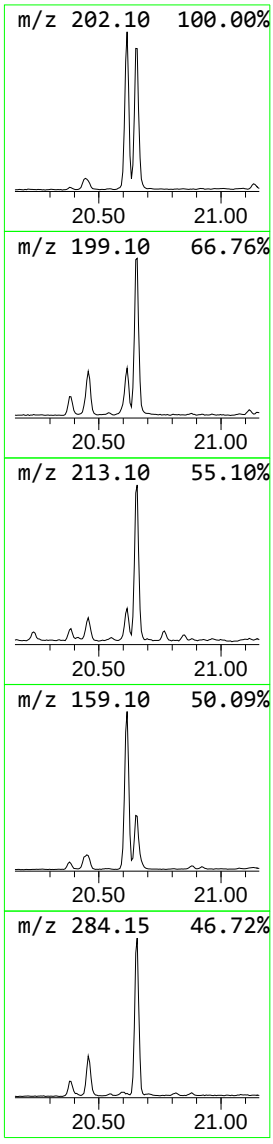
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.657	21.26 ng/ul	4681090	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	46
3	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	43
4	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	38
5	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

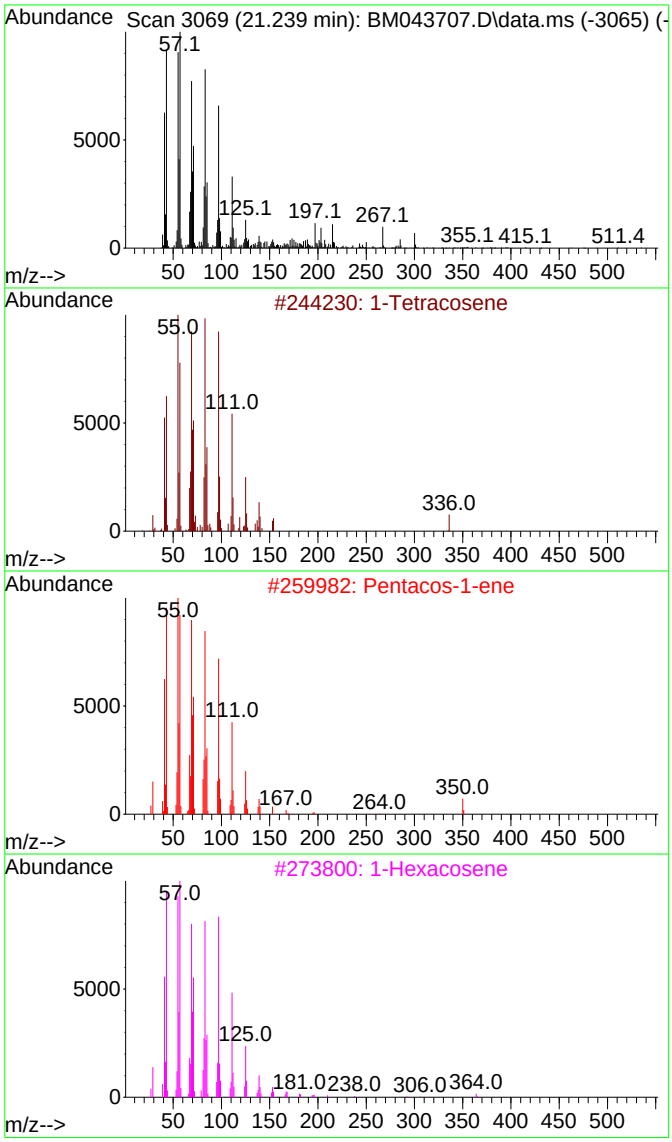
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

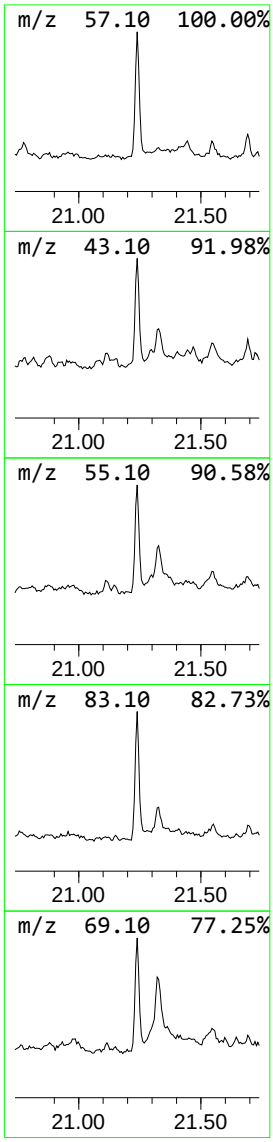
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	6.04 ng/ul	1329250	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	Pentacos-1-ene	350	C25H50	016980-85-1	96
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





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Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

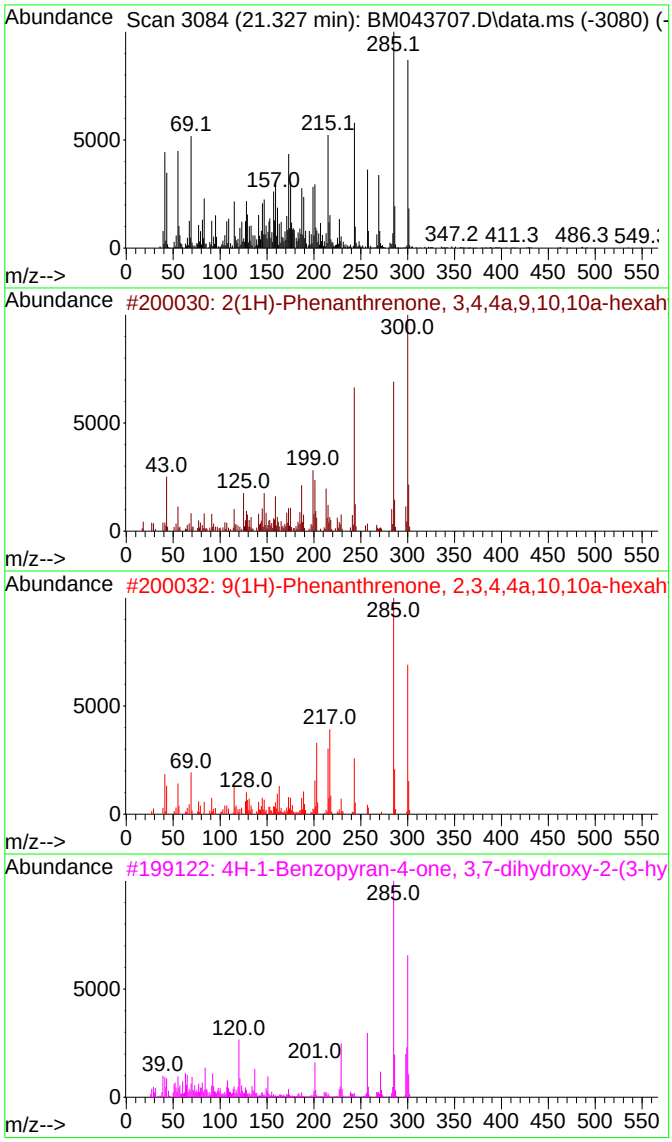
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

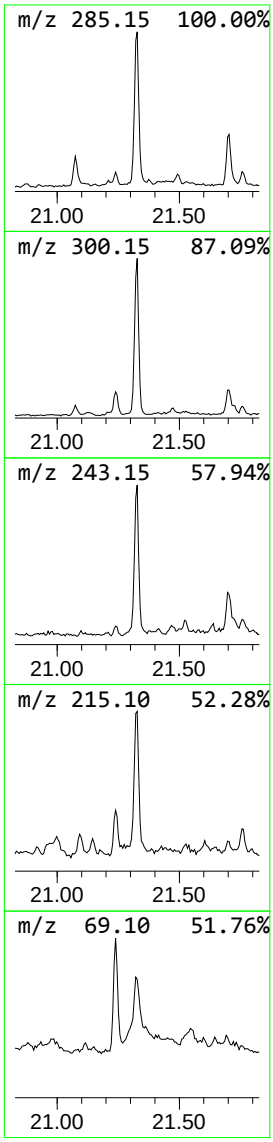
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	8.49 ng/ul	1868950	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	000472-37-7	70
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	58
3	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	55
4	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	53
5	2-(3-Fluorophenyl)-1,3-benzoxazo...	300	C16H17FN2OSi	1000476-88-7	50





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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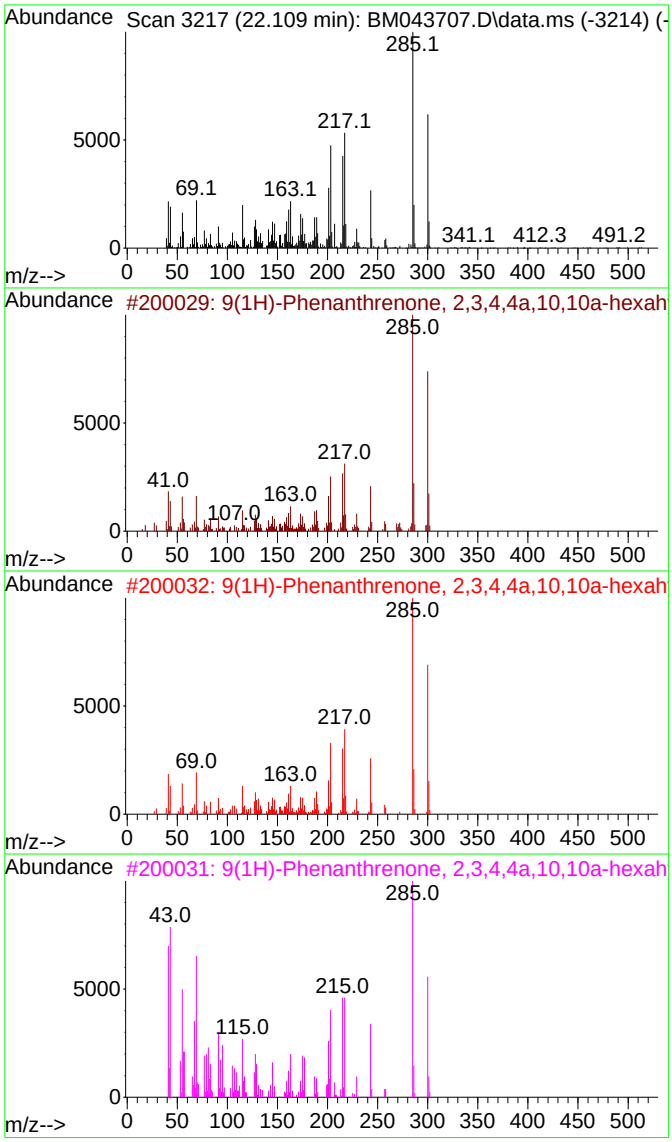
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

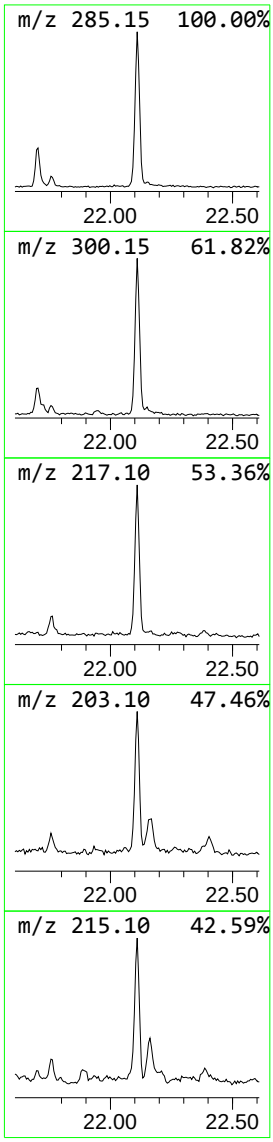
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.109	3.87 ng/ul	853195	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	95
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	87
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	64





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

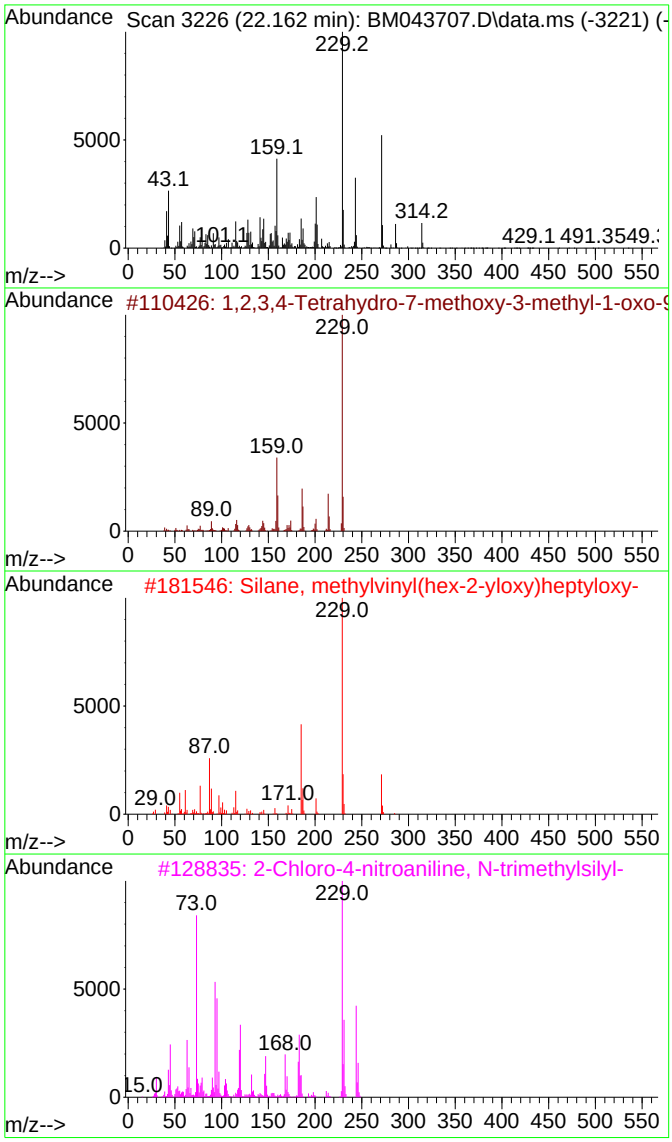
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

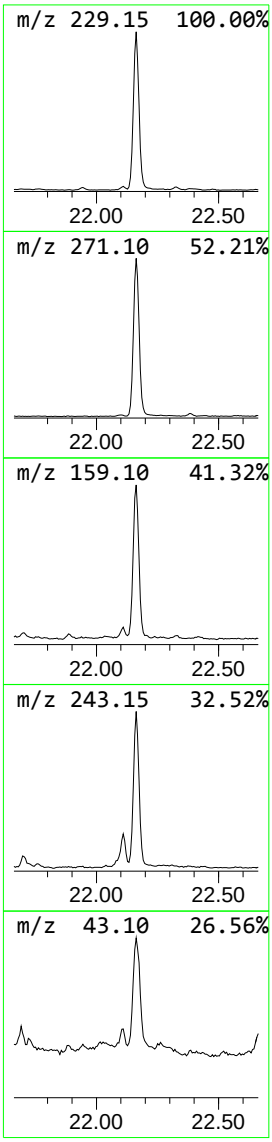
****

Peak Number 32 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.162	22.52 ng/ul	4959340	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	49
2	Silane, methylvinyl(hex-2-yloxy)...	286	C16H34O2Si	1000421-58-2	47
3	2-Chloro-4-nitroaniline, N-trime...	244	C9H13ClN2O2Si	1000461-74-7	38
4	Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	38
5	4-(Trifluoromethyl)benzylamine, ...	271	C10H7F6NO	1000417-26-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

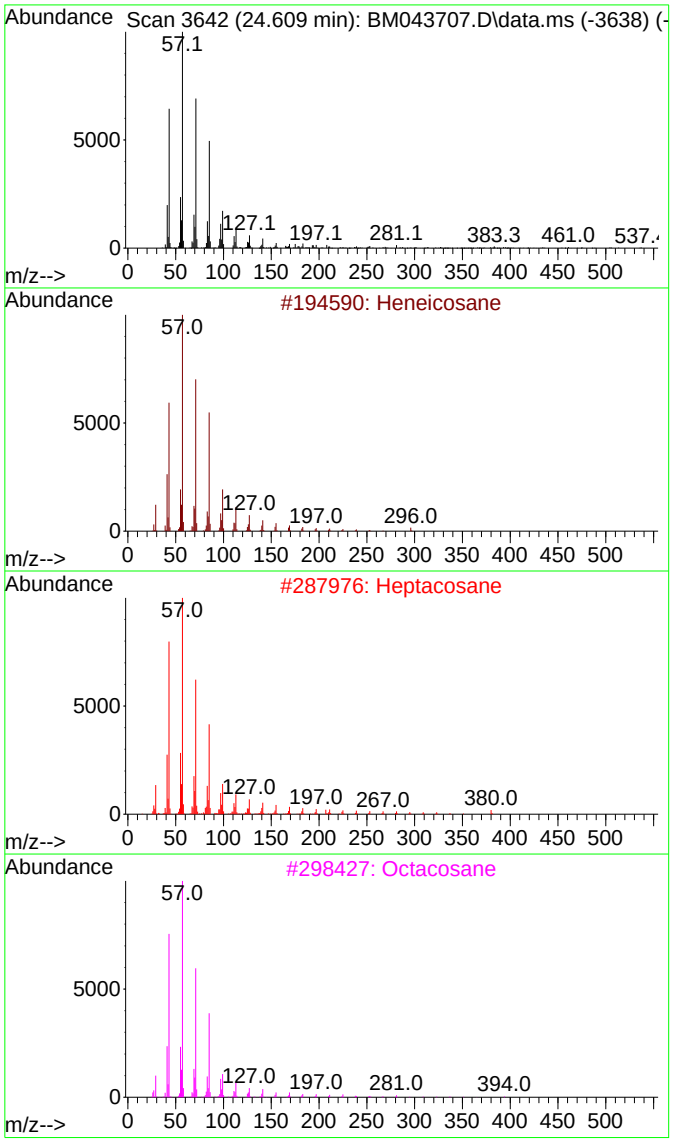
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

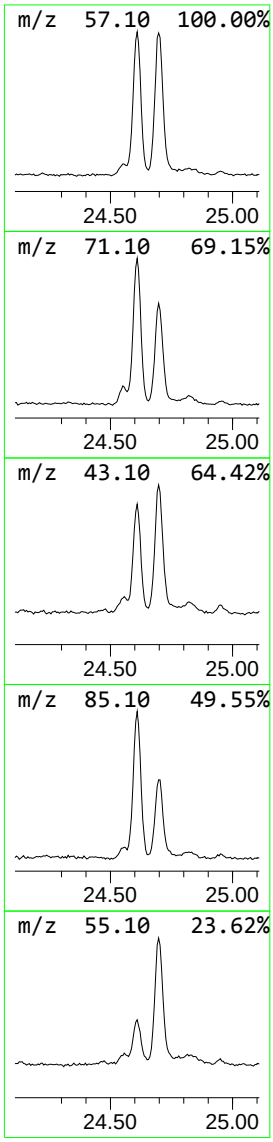
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.609	6.95 ng/ul	1539480	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





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Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

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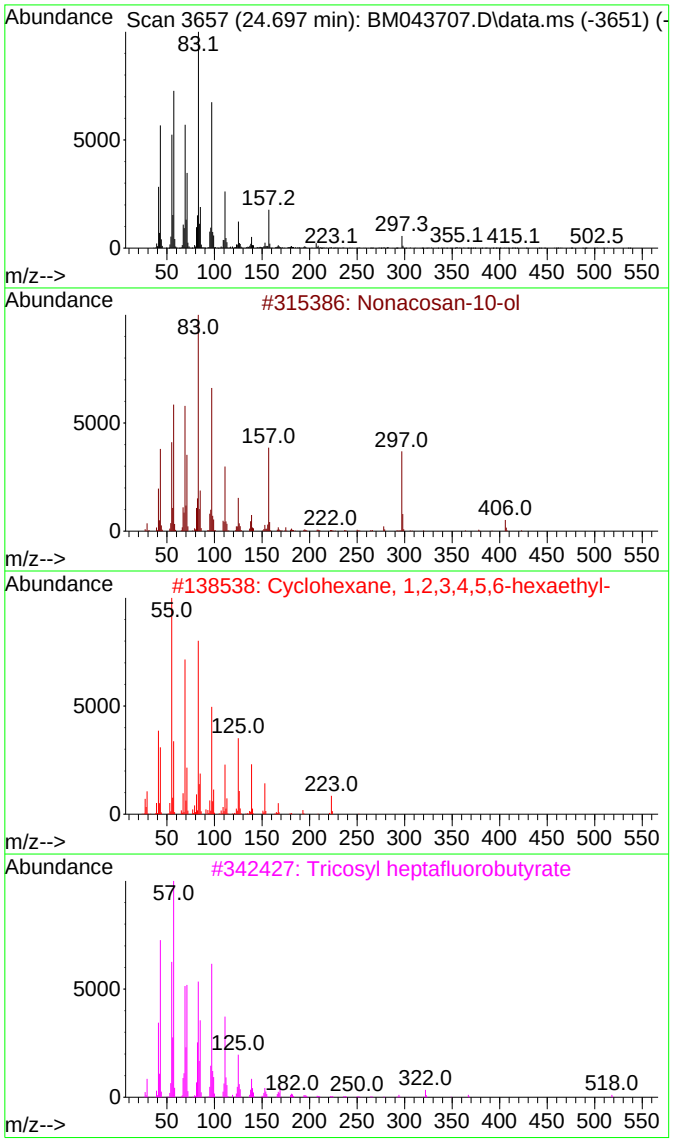
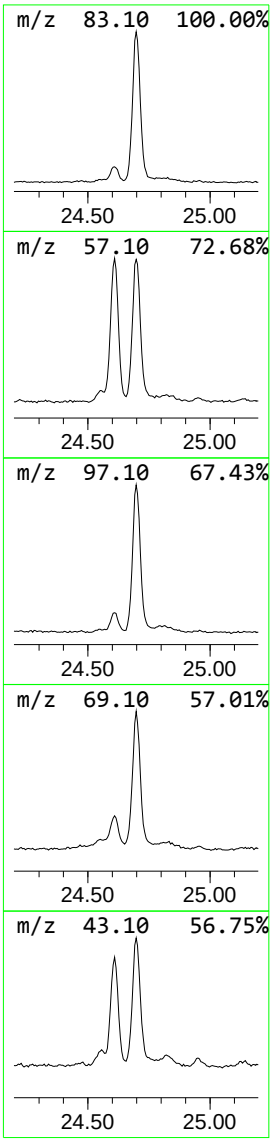
Peak Number 34 Nonacosan-10-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.698	14.67 ng/ul	3250730	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosan-10-ol	424	C29H60O	000504-55-2	91
2	Cyclohexane, 1,2,3,4,5,6-hexaethyl-	252	C18H36	001795-14-8	72
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	55
4	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	49
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

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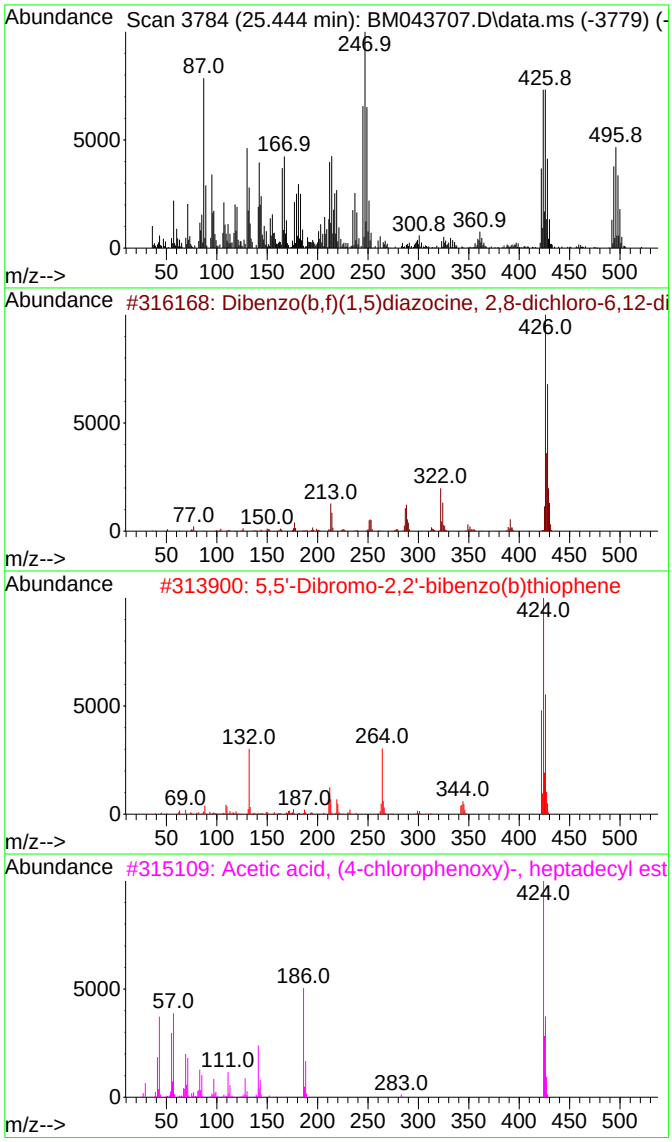
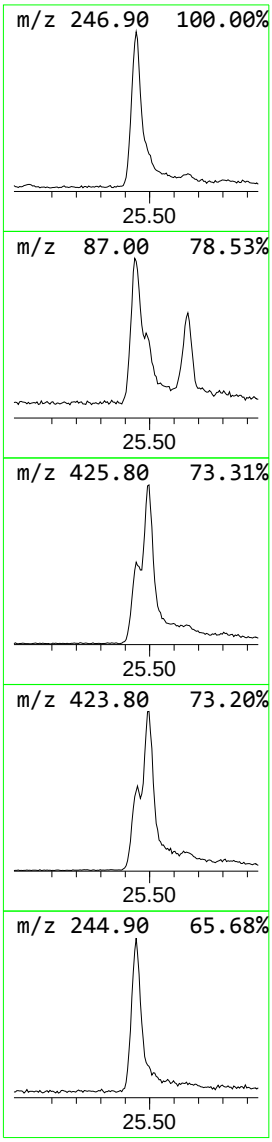
Peak Number 35 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.445	6.76 ng/ul	1498210	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(b,f)(1,5)diazocine, 2,8-...	426	C26H16Cl2N2	003646-61-5	42
2	5,5'-Dibromo-2,2'-bibenzo(b)thio...	422	C16H8Br2S2	007312-21-2	35
3	Acetic acid, (4-chlorophenoxy)-,...	424	C25H41ClO3	1000415-11-0	25
4	2,3,5,6-Tetrabromohydroquinone	422	C6H2Br4O2	002641-89-6	25
5	Tetrabromocatechol	422	C6H2Br4O2	000488-47-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

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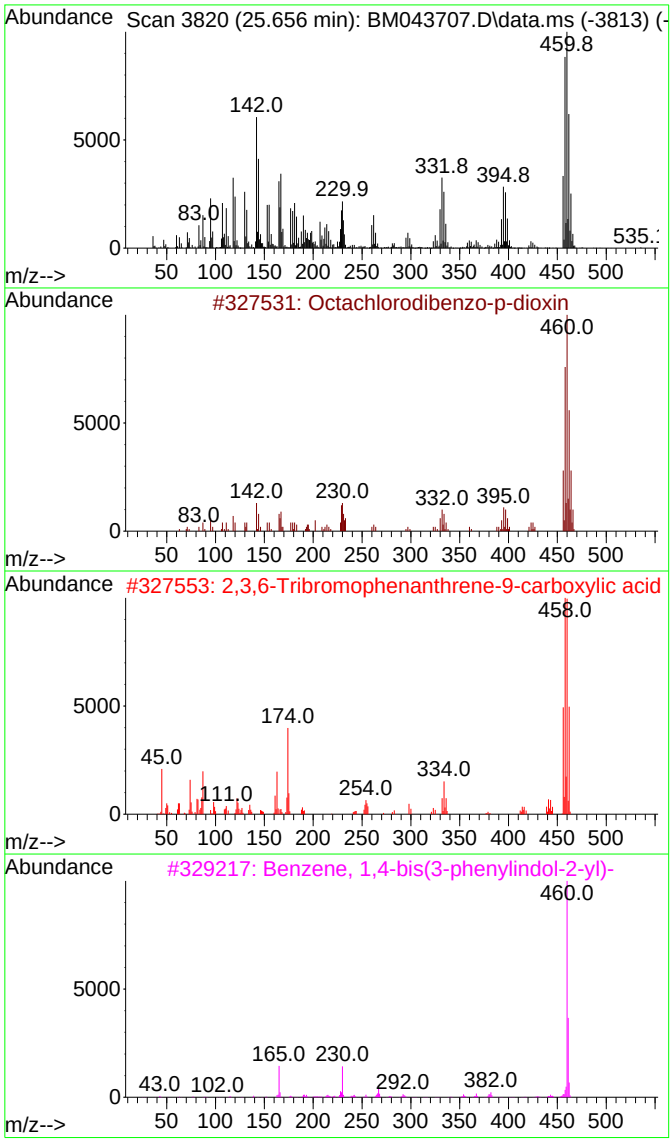
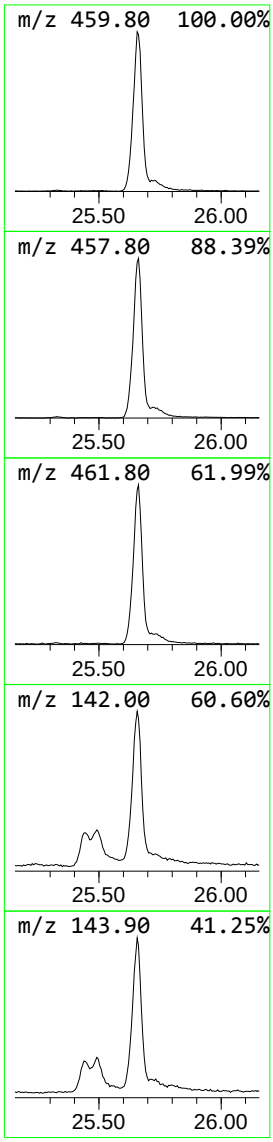
Peak Number 36 Octachlorodibenzo-p-dioxin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.656	22.42 ng/ul	4966850	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	87
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	30
3	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	10
4	Cholest-8(14)-en-3-ol, (3.beta.,...	458	C30H54OSi	055282-50-3	9
5	Odoratin, 2TMS	458	C23H30O6Si2	1000502-41-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

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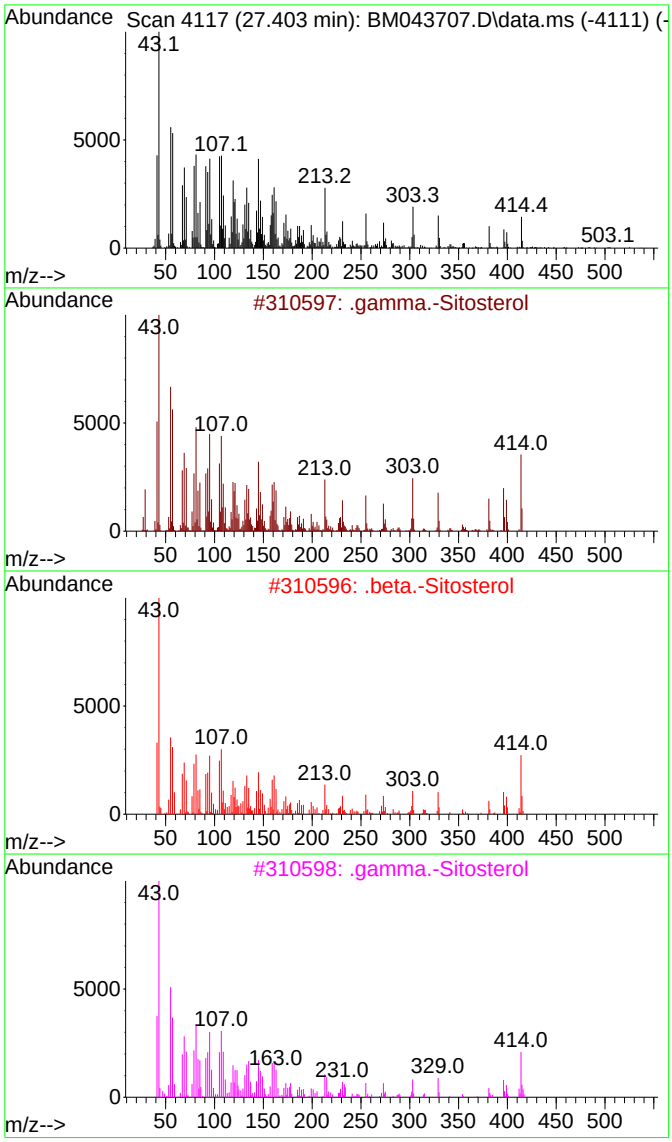
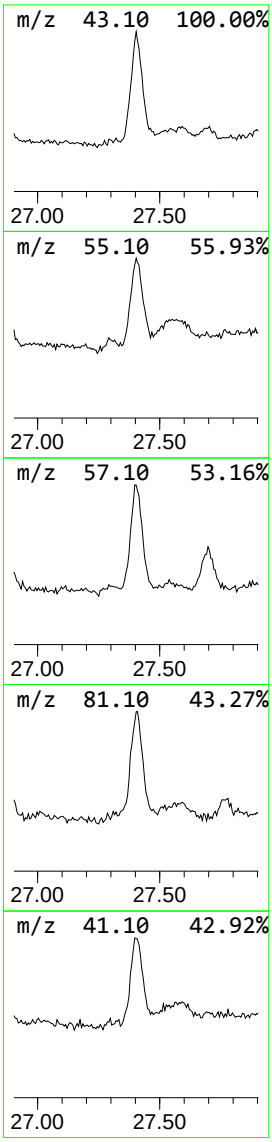
Peak Number 37 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.403	12.34 ng/ul	2734930	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	84
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043707.D
Acq On : 02 Jan 2024 22:54
Operator : MA/JU
Sample : 05919-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
3-Isopropyl-6,8...	13.375	3.4	ng/ul	500984	3	14.598	2966780	20.0
1,4-Methano-1H-...	13.598	5.1	ng/ul	759953	3	14.598	2966780	20.0
(1aS,4aS,8aR)-4...	13.733	4.5	ng/ul	667411	3	14.598	2966780	20.0
Longifolene	13.857	48.9	ng/ul	7251720	3	14.598	2966780	20.0
(S,1Z,6Z)-8-Iso...	13.904	9.0	ng/ul	1336060	3	14.598	2966780	20.0
cis-Thujopsene	14.110	4.6	ng/ul	685393	3	14.598	2966780	20.0
D-Limonene	14.410	8.8	ng/ul	1301830	3	14.598	2966780	20.0
Bicyclo[3.1.1]h...	14.480	14.6	ng/ul	2169120	3	14.598	2966780	20.0
Naphthalene, 1,...	14.657	2.9	ng/ul	426683	3	14.598	2966780	20.0
.gamma.-Muurolene	14.739	2.7	ng/ul	403888	3	14.598	2966780	20.0
(+)-Cycloisolon...	15.045	5.0	ng/ul	740639	3	14.598	2966780	20.0
Phenol, 2,3,5,6...	15.139	3.0	ng/ul	447144	3	14.598	2966780	20.0
Cedrane, 8-prop...	15.874	26.0	ng/ul	3857750	3	14.598	2966780	20.0
5-Ethyl-4-undec...	16.322	2.7	ng/ul	449750	4	17.345	3315200	20.0
unknown-01	17.086	4.2	ng/ul	702986	4	17.345	3315200	20.0
n-Hexadecanoic ...	18.245	11.3	ng/ul	1866340	4	17.345	3315200	20.0
Phenanthrene, 1...	19.204	7.3	ng/ul	1216360	4	17.345	3315200	20.0
(4aS,4bR,10aS)-...	19.439	4.1	ng/ul	907349	5	21.527	4404600	20.0
9,10-Anthracene...	19.598	6.5	ng/ul	1428020	5	21.527	4404600	20.0
(4aS,5S,8aS)-5-...	19.904	2.8	ng/ul	624781	5	21.527	4404600	20.0
2-Phenanthrenol...	20.445	12.6	ng/ul	2781140	5	21.527	4404600	20.0
unknown-02	20.615	93.2	ng/ul	20528000	5	21.527	4404600	20.0
4,4'-Bis(tetrah...	20.657	21.3	ng/ul	4681090	5	21.527	4404600	20.0
(DEL) Alkane: S...	21.239	6.0	ng/ul	1329250	5	21.527	4404600	20.0
2(1H)-Phenanthr...	21.327	8.5	ng/ul	1868950	5	21.527	4404600	20.0
9(1H)-Phenanthr...	22.109	3.9	ng/ul	853195	5	21.527	4404600	20.0
unknown-03	22.162	22.5	ng/ul	4959340	5	21.527	4404600	20.0
(DEL) Alkane: S...	24.609	7.0	ng/ul	1539480	6	23.945	4431060	20.0
Nonacosan-10-ol	24.698	14.7	ng/ul	3250730	6	23.945	4431060	20.0
unknown-04	25.445	6.8	ng/ul	1498210	6	23.945	4431060	20.0
Octachlorodiben...	25.656	22.4	ng/ul	4966850	6	23.945	4431060	20.0
.gamma.-Sitosterol	27.403	12.3	ng/ul	2734930	6	23.945	4431060	20.0