LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF49

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: BP019225.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	22	26	35	rVB	62810	94048	0.49%	0.064%
2	3.528	71	75	87	rVB	79188	133025	0.70%	0.090%
3	3.663	94	98	111	rBV	652247	1002973	5.26%	0.681%
4	6.469	570	575	582	rVB	96913	153015	0.80%	0.104%
5	6.987	653	663	673	rVV	962464	1506514	7.90%	1.023%
6	7.140	684	689	699	rVV	734675	1119430	5.87%	0.760%
7	7.334	715	722	731	rVB	961404	1485581	7.79%	1.009%
8	7.799	794	801	811	rBV	626111	986981	5.18%	0.670%
9	8.528	918	925	935	rBV	1069304	1714932	9.00%	1.164%
10	8.963	992	999	1010	rBV	836821	1373707	7.21%	0.933%
11	9.546	1091	1098	1105	rVB3	54504	106594	0.56%	0.072%
12	9.687	1114	1122	1129	rBV	715805	1201396	6.30%	0.816%
13	9.875	1146	1154	1163	rBV	50699	129064	0.68%	0.088%
14	10.228	1207	1214	1229	rBV	1154285	1945812	10.21%	1.321%
15	10.593	1268	1276	1285	rVB	763777	1290102	6.77%	0.876%
16	10.745	1296	1302	1318	rBV	236786	499609	2.62%	0.339%
17	11.169	1363	1374	1381	rBV2	51842	156149	0.82%	0.106%
18	11.351	1399	1405	1411	rBV	55926	97137	0.51%	0.066%
19	12.169	1538	1544	1552	rBV2	105879	192301	1.01%	0.131%
20	12.263	1555	1560	1573	rBV2	22853	68653	0.36%	0.047%
21	12.945	1669	1676	1686	rVB	234620	355258	1.86%	0.241%
22	13.122	1701	1706	1710	rBV2	59004	84520	0.44%	0.057%
23	13.169	1710	1714	1718	rVV5	45191	76277	0.40%	0.052%
24	13.222	1718	1723	1730	rVV2	156650	298687	1.57%	0.203%
25	13.339	1736	1743	1747	rVV3	124136	229619	1.20%	0.156%
26	13.381	1747	1750	1755	rVB3	63307	91403	0.48%	0.062%
27	13.445	1755	1761	1767	rVB	684730	957051	5.02%	0.650%
28	13.581	1777	1784	1788	rBV2	694461	1222610	6.41%	0.830%
29	13.616	1788	1790	1797	rVB4	231479	343709	1.80%	0.233%
30	13.704	1798	1805	1810	rBV	6320738	10073192	52.84%	6.839%
31	13.751	1810	1813	1820	rVB2	1108354	1651367	8.66%	1.121%
32	13.863	1824	1832	1837	rBV	2128943	2980132	15.63%	2.023%
33	13.957	1842	1848	1855	rVB	880570	1327725	6.97%	0.901%
34	14.134	1865	1878	1887	rBV	2209144	3644313	19.12%	2.474%
35	14.222	1887	1893	1895	rVV3	115847	206793	1.08%	0.140%
36	14.263	1895	1900	1907	rVV2	447214	919386	4.82%	0.624%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF49

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	14.333	1907	1912	1917	rVV	826959	1176371	6.17%	0.799%
38	14.445	1921	1931	1937	rVV	1302735	2466919	12.94%	1.675%
39	14.510	1937	1942	1946	rVV	613471	875955	4.60%	0.595%
40	14.557	1946	1950	1952	rVV3	75808	107153	0.56%	0.073%
41	14.592	1952	1956	1961	rVV	430648	580729	3.05%	0.394%
42	14.686	1961	1972	1981	rVB2	1420304	2802407	14.70%	1.903%
43	14.810	1988	1993	2001	rBV2	365569	606341	3.18%	0.412%
44	14.898	2001	2008	2010	rVV2	135441	211579	1.11%	0.144%
45	14.928	2010	2013	2018	rVB	261461	332479	1.74%	0.226%
46	15.116	2041	2045	2051	rVV	76674	128143	0.67%	0.087%
47	15.439	2092	2100	2108	rBV	2966271	4197321	22.02%	2.850%
48	15.569	2116	2122	2127	rBV	816656	1136957	5.96%	0.772%
49	15.610	2127	2129	2134	rVV3	122516	178983	0.94%	0.122%
50	15.675	2135	2140	2144	rVV2	280451	437885	2.30%	0.297%
51	15.728	2144	2149	2157	rVB	2743633	3897545	20.45%	2.646%
52	15.863	2168	2172	2175	rVV3	91669	134216	0.70%	0.091%
53	15.898	2175	2178	2180	rVV	140245	171571	0.90%	0.116%
54	15.933	2180	2184	2194	rVB	764232	1111001	5.83%	0.754%
55	16.016	2195	2198	2202	rVB3	55528	74410	0.39%	0.051%
56	16.092	2203	2211	2217	rVB4	124111	250206	1.31%	0.170%
57	16.169	2219	2224	2232	rBV6	106191	270594	1.42%	0.184%
58	16.233	2232	2235	2241	rVB4	55634	80515	0.42%	0.055%
59	16.604	2291	2298	2303	rBV3	159064	295952	1.55%	0.201%
60	16.710	2312	2316	2320	rVB	79165	99279	0.52%	0.067%
61	16.851	2336	2340	2350	rBV	228169	363225	1.91%	0.247%
62	17.104	2380	2383	2388	rBV2	68189	79309	0.42%	0.054%
63	17.198	2391	2399	2404	rVV	1568513	2318481	12.16%	1.574%
64	17.245	2404	2407	2410	rVV	144408	177962	0.93%	0.121%
65	17.298	2410	2416	2427	rVV	3268247	4538180	23.81%	3.081%
66	17.404	2431	2434	2445	rVB5	128514	311002	1.63%	0.211%
67	17.569	2458	2462	2464	rBV	64058	89322	0.47%	0.061%
68	17.592	2464	2466	2471	rVB4	90153	112514	0.59%	0.076%
69	18.039	2538	2542	2546	rBV	241099	367937	1.93%	0.250%
70	18.098	2547	2552	2567	rVB	1628529	2475901	12.99%	1.681%
71	18.380	2597	2600	2603	rBV3	69290	105404	0.55%	0.072%
72	18.422	2603	2607	2612	rVB2	100997	159691	0.84%	0.108%
73	19.021	2705	2709	2714	rVB	792513	976100	5.12%	0.663%
74	19.192	2732	2738	2740	rBV3	209071	383470	2.01%	0.260%
75	19.221	2740	2743	2745	rBV	190215	214336	1.12%	0.146%
76	19.333	2759	2762	2771	rBV	380260	550629	2.89%	0.374%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

77	19.410	2772	2775	2778	rVB2	170779	179925	0.94%	0.122%
78	19.545	2793	2798	2804	rBV	4374443	5736991	30.10%	3.895%
79	19.710	2823	2826	2831	rBV	182567	250445	1.31%	0.170%
80	19.792	2836	2840	2843	rVV	432365	505297	2.65%	0.343%
81	19.851	2848	2850	2855	rVB2	186874	204768	1.07%	0.139%
82	20.045	2880	2883	2886	rBV2	322668	404776	2.12%	0.275%
83	20.180	2902	2906	2910	rBV	382868	517414	2.71%	0.351%
84	20.239	2911	2916	2924	rVV	2498242	3709940	19.46%	2.519%
85	20.404	2939	2944	2948	rBV	14411395	19062435	100.00%	12.943%
86	20.445	2948	2951	2961	rVB	5381763	7397904	38.81%	5.023%
87	20.557	2967	2970	2973	rBV	167658	186677	0.98%	0.127%
88	20.592	2973	2976	2980	rVB4	224045	262645	1.38%	0.178%
89	21.015	3044	3048	3054	rVB	1661628	2166012	11.36%	1.471%
90	21.110	3060	3064	3073	rVB3	501004	884720	4.64%	0.601%
91	21.304	3092	3097	3110	rBV	2412298	3661710	19.21%	2.486%
92	21.868	3190	3193	3197	rBV2	680546	1017697	5.34%	0.691%
93	21.921	3197	3202	3214	rVB	5237869	8849972	46.43%	6.009%
94	22.262	3256	3260	3271	rVB2	570434	991745	5.20%	0.673%
95	22.939	3371	3375	3379	rVV	621044	897341	4.71%	0.609%
96	22.992	3381	3384	3393	rVB	550638	972064	5.10%	0.660%
97	23.521	3467	3474	3487	rVB2	3102555	6386768	33.50%	4.336%
98	23.668	3494	3499	3507	rVB	1477624	2843874	14.92%	1.931%
99	24.268	3597	3601	3609	rVB	752275	1506009	7.90%	1.023%
100	27.021	4062	4069	4085	rVB3	1212039	4118781	21.61%	2.797%

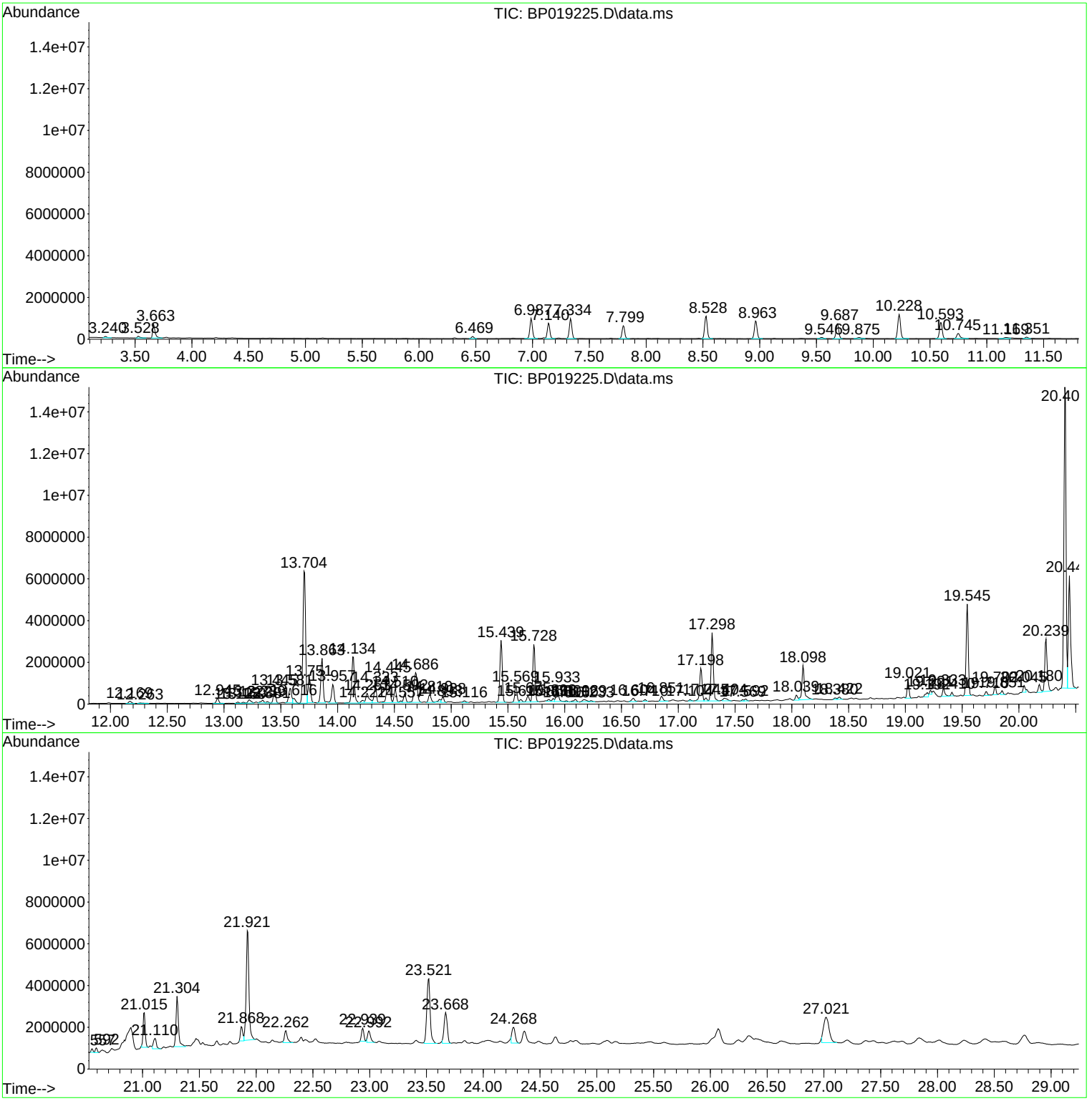
Sum of corrected areas: 147282949

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

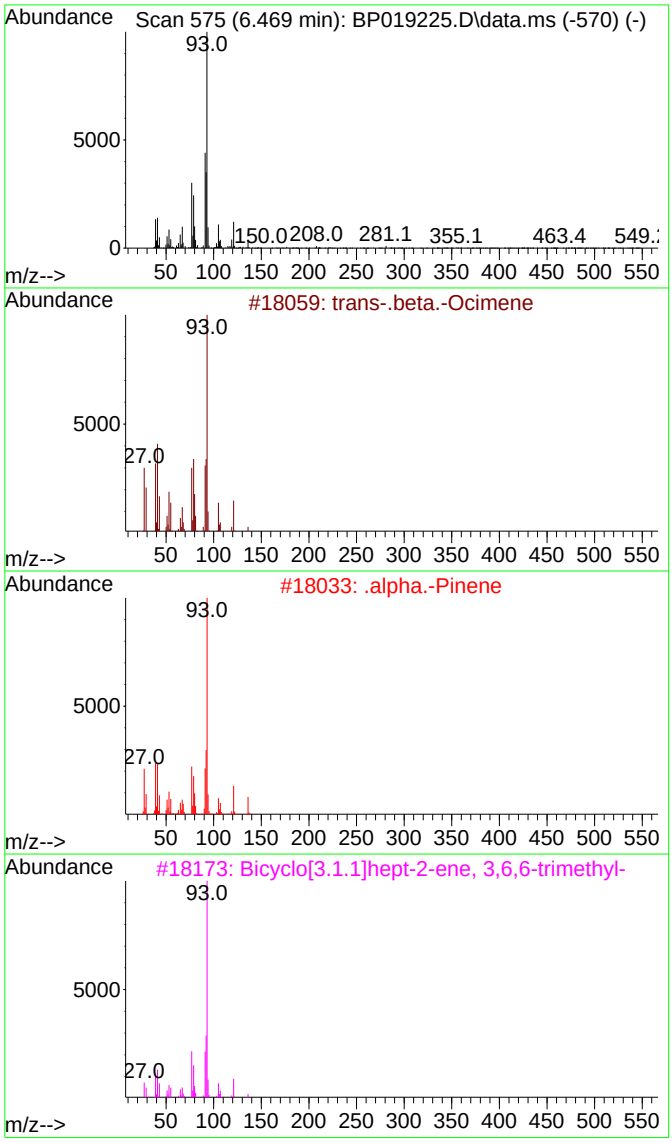
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

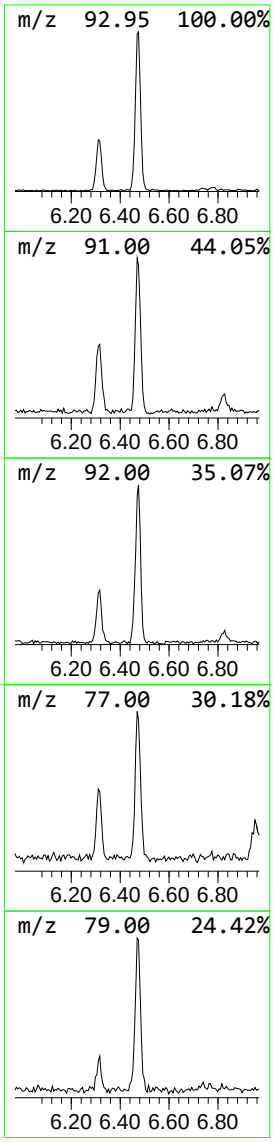
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-.beta.-Ocimene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	3.10 ng/ul	153015	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	93
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

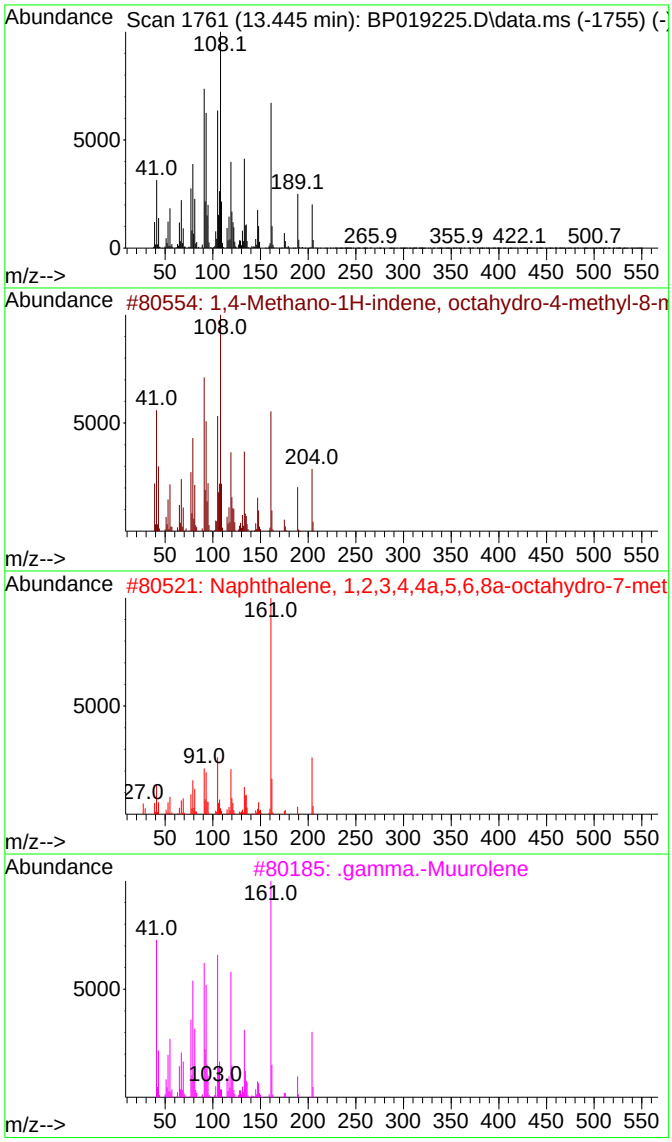
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

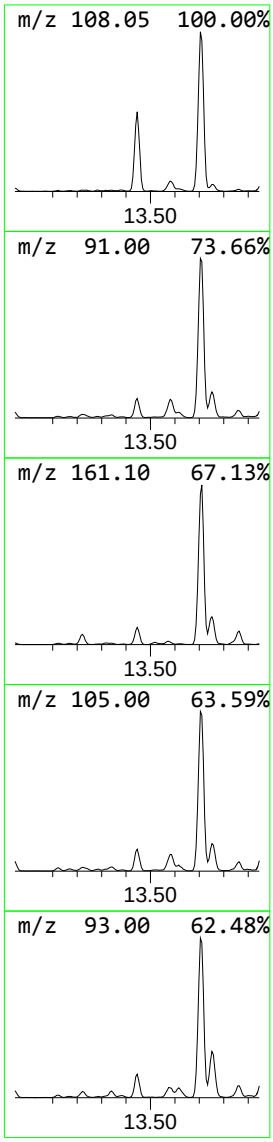
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,4-Methano-1H-indene, octa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	7.76 ng/ul	957051	Acenaphthene-d10	14.445

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	95
3	.gamma.-Muurolene	204	C15H24	030021-74-0	86
4	isoledene	204	C15H24	095910-36-4	83
5	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

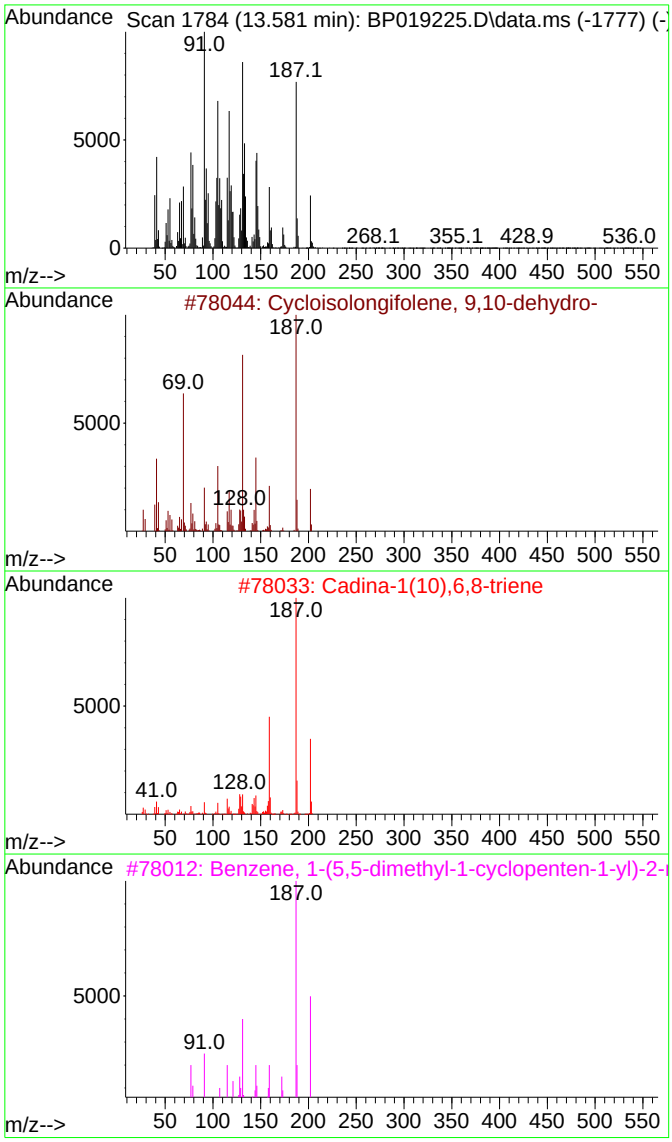
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

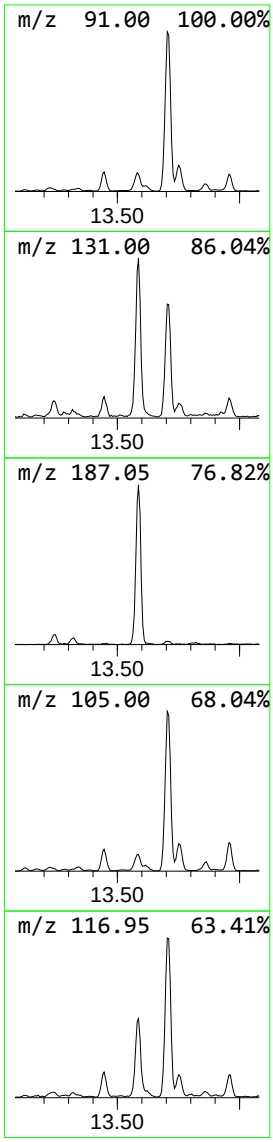
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cycloisolongifolene, 9,10-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.581	9.91 ng/ul	1222610	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	60
2	Cadina-1(10),6,8-triene	202	C15H22	001460-96-4	52
3	Benzene, 1-(5,5-dimethyl-1-cyclo...	202	C14H18O	039877-93-5	52
4	(1aS,4aS,8aR)-4a,8,8-Trimethyl-2...	202	C15H22	051446-91-4	46
5	(+)-Cycloisolongifol-5-ol	220	C15H24O	074841-81-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

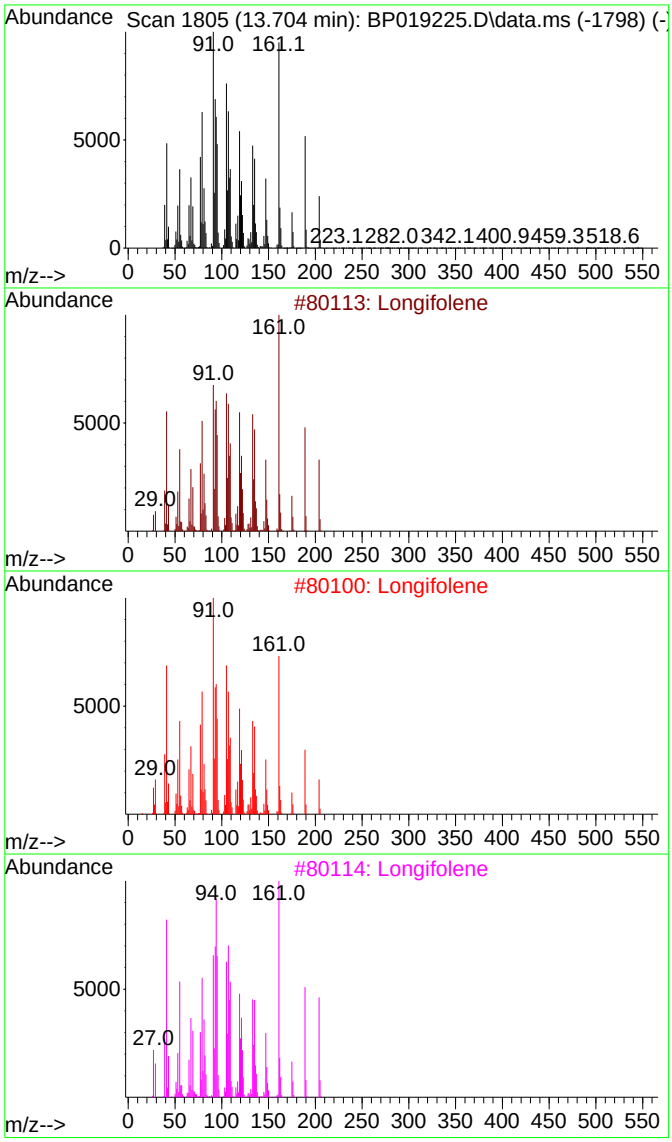
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

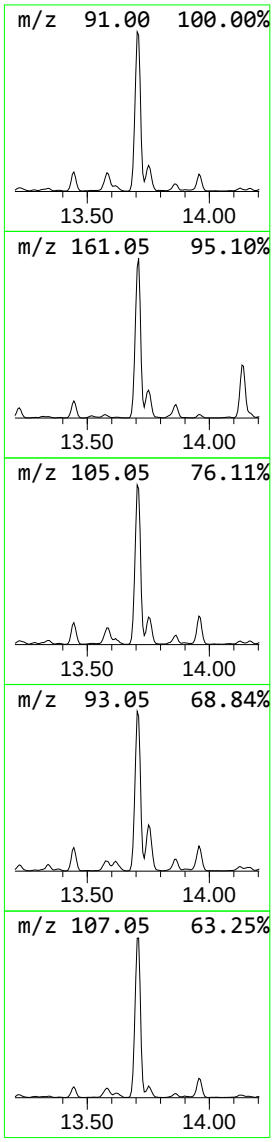
****

Peak Number 11 Longifolene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	81.67 ng/ul	10073200	Acenaphthene-d10	14.445

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	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

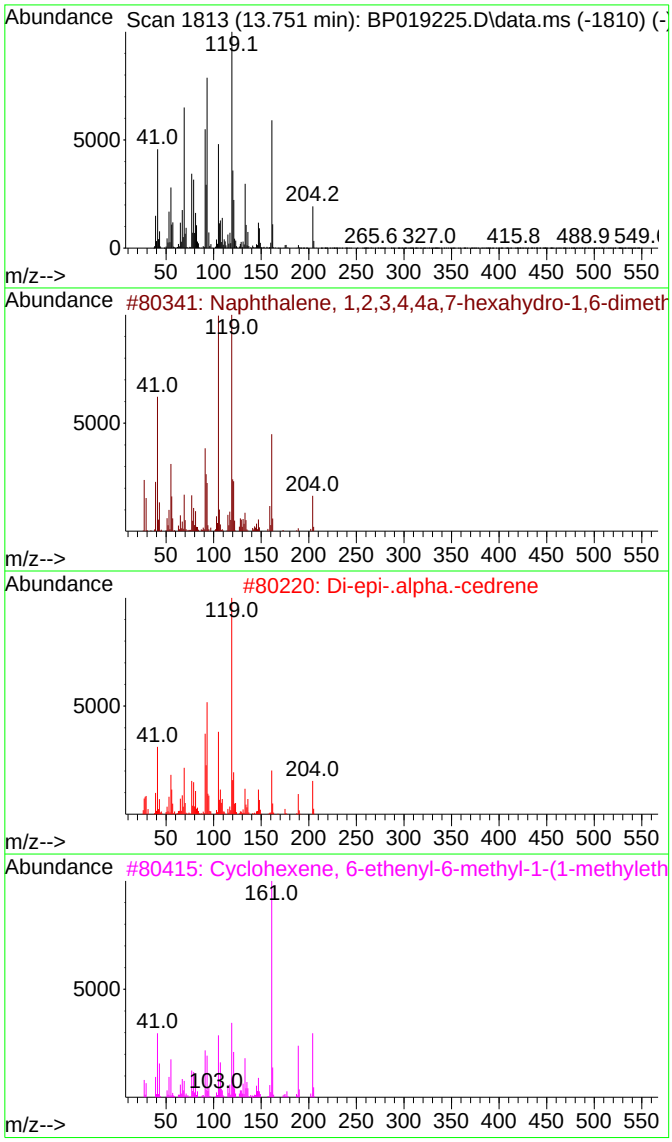
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

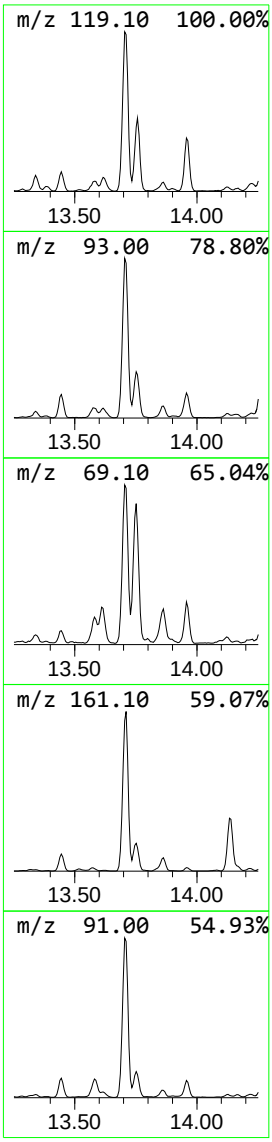
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4,4a,7-h... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	13.39 ng/ul	1651370	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	70
2	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	70
3	Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7	58
4	Copaene	204	C15H24	003856-25-5	58
5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	52





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

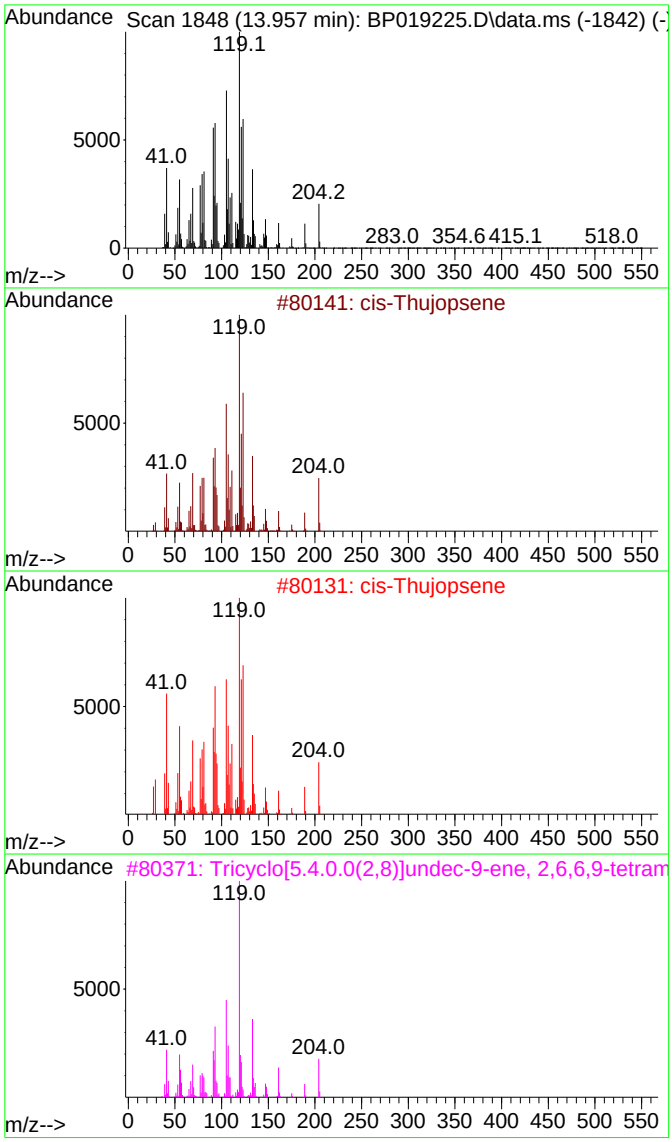
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

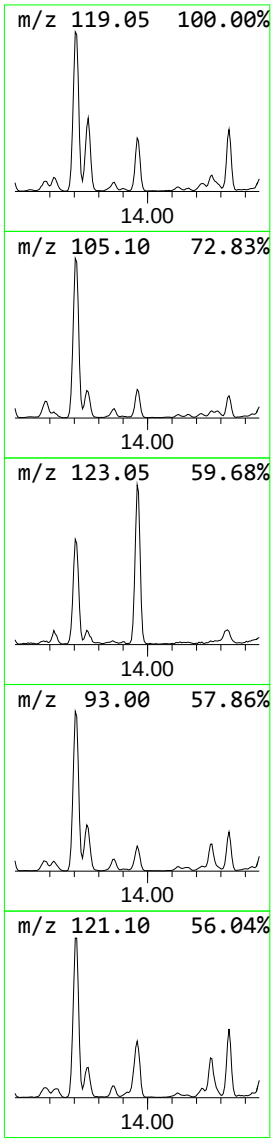
****

Peak Number 13 cis-Thujopsene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	10.76 ng/ul	1327730	Acenaphthene-d10	14.445

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	98
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	90
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	78





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Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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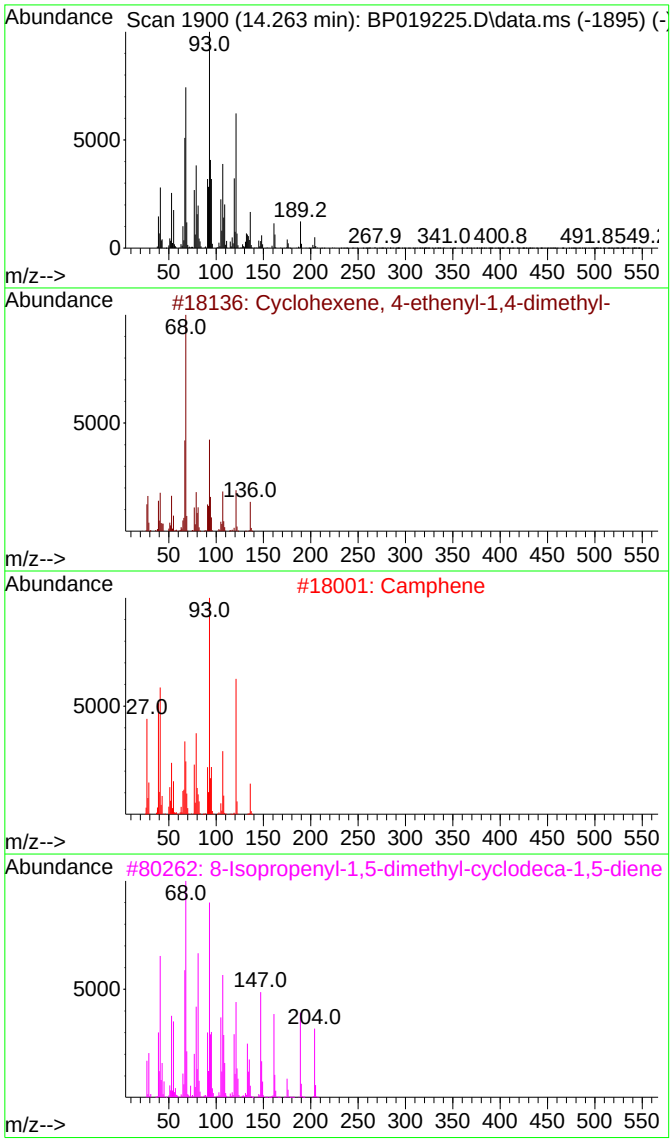
Quant Title : SVOA CALIBRATION

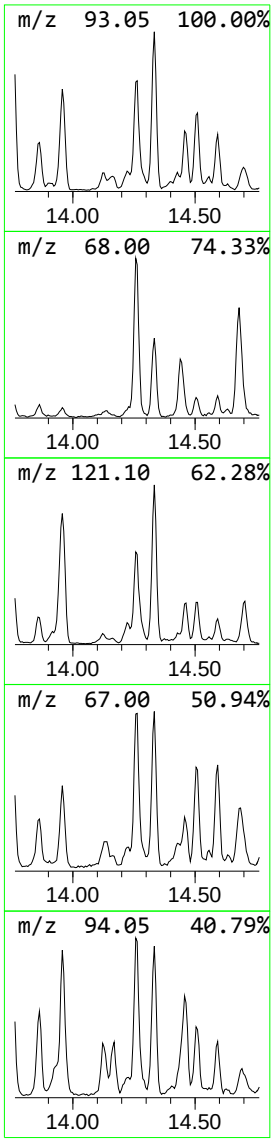
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexene, 4-ethenyl-1,4-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	7.45 ng/ul	919386	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	90
2	Camphene	136	C10H16	000079-92-5	60
3	8-Isopropenyl-1,5-dimethyl-cyclo...	204	C15H24	1000193-62-7	58
4	cis-.alpha.-Bisabolene	204	C15H24	029837-07-8	55
5	Camphene	136	C10H16	000079-92-5	55





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Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

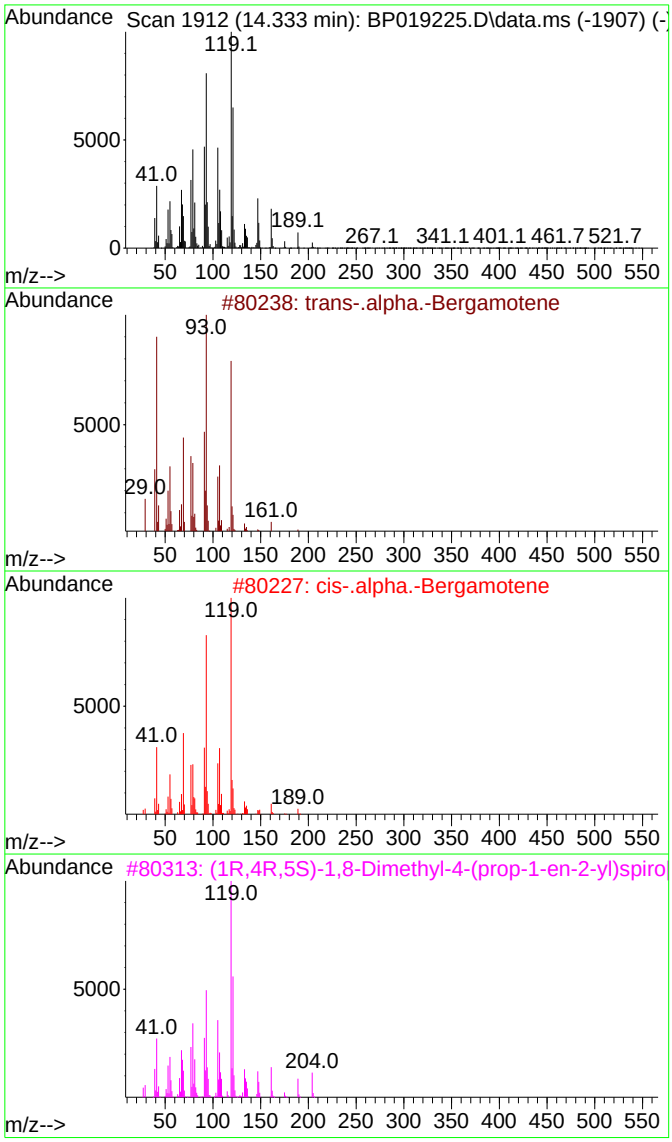
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

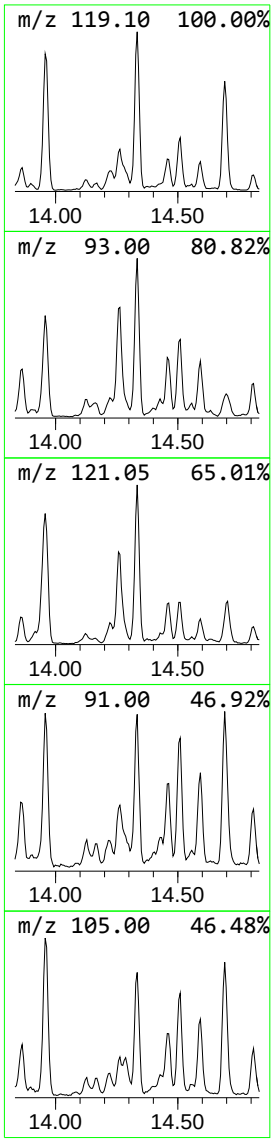
****

Peak Number 15 trans-.alpha.-Bergamotene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	9.54 ng/ul	1176370	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	72
2	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	72
3	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	64
4	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	58
5	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	53





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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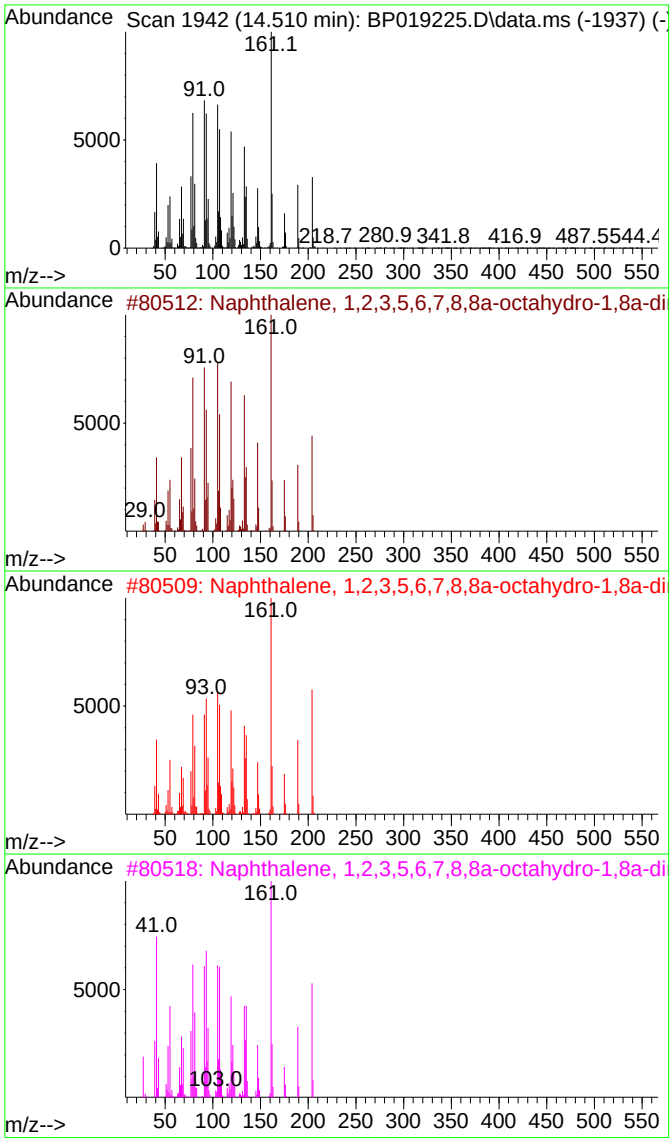
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

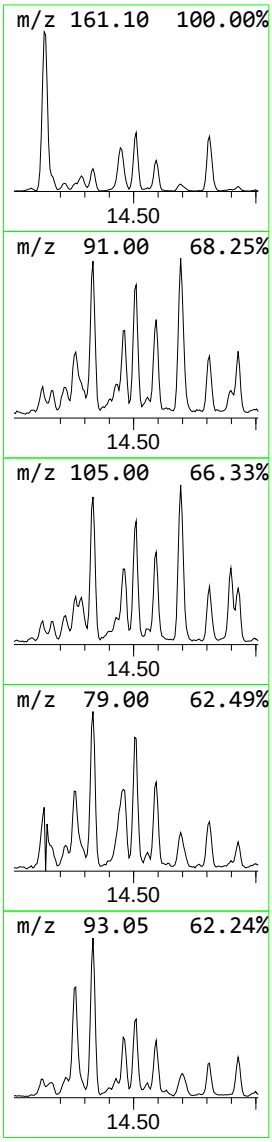
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	7.10 ng/ul	875955	Acenaphthene-d10	14.445

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	98
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	98
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	96
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	91





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Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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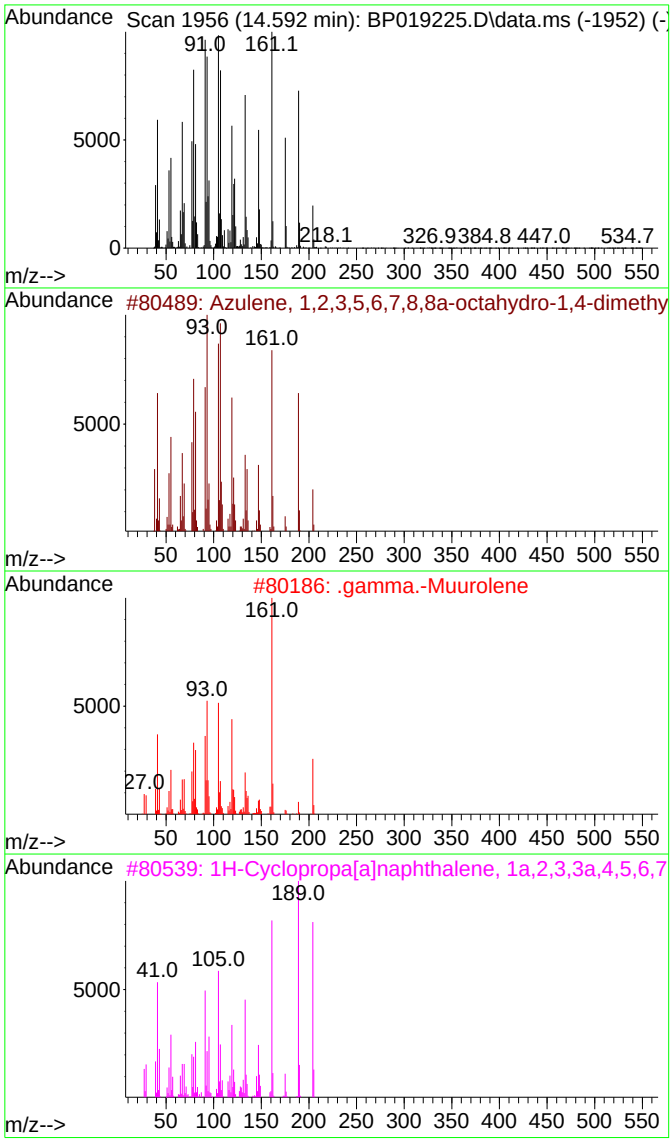
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

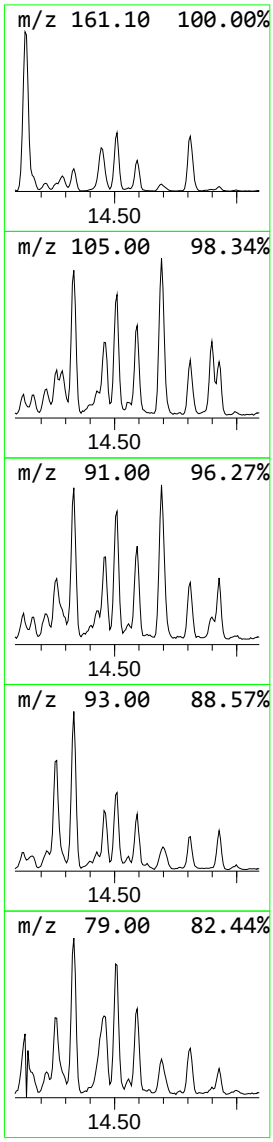
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	4.71 ng/ul	580729	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	91
2	.gamma.-Muurolene	204	C15H24	030021-74-0	89
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	78
4	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	76
5	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	70





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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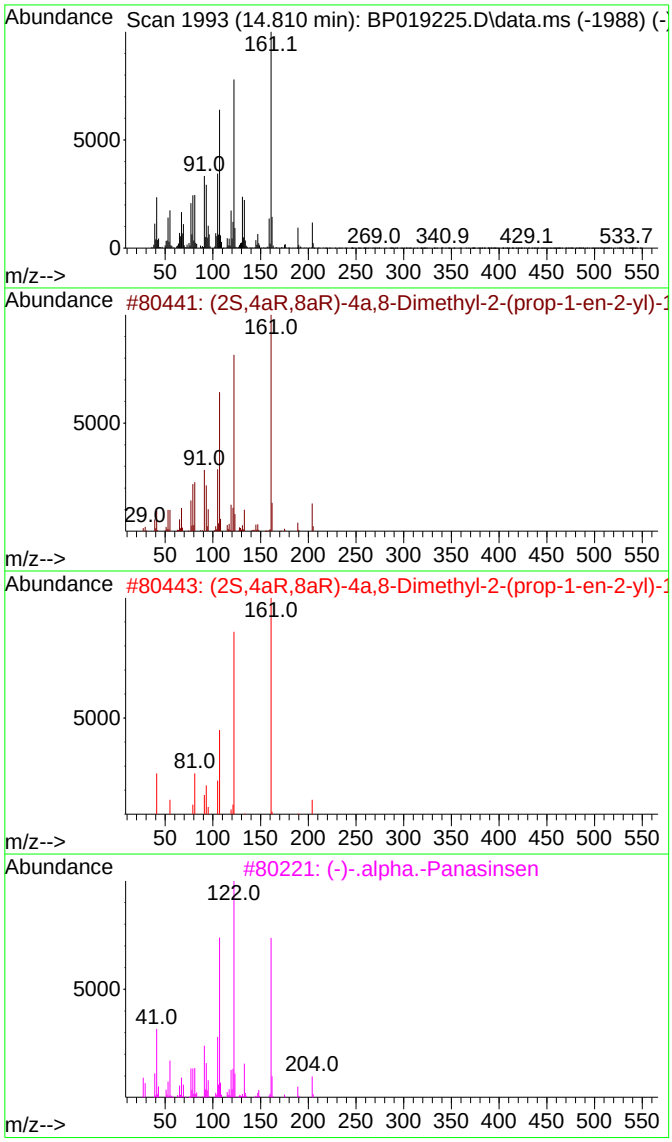
Quant Title : SVOA CALIBRATION

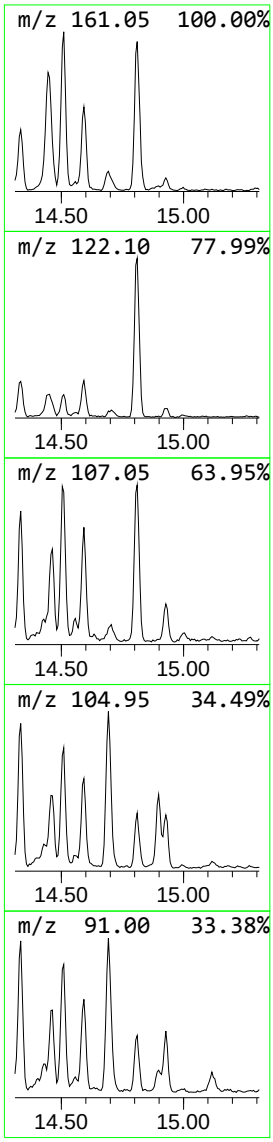
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (2S,4aR,8aR)-4a,8-Dimethyl-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	4.92 ng/ul	606341	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2S,4aR,8aR)-4a,8-Dimethyl-2-(pr...	204	C15H24	123123-37-5	96
2	(2S,4aR,8aR)-4a,8-Dimethyl-2-(pr...	204	C15H24	123123-37-5	93
3	(-)-.alpha.-Panasinsen	204	C15H24	056633-28-4	92
4	(-)-.alpha.-Panasinsen	204	C15H24	056633-28-4	55
5	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	52





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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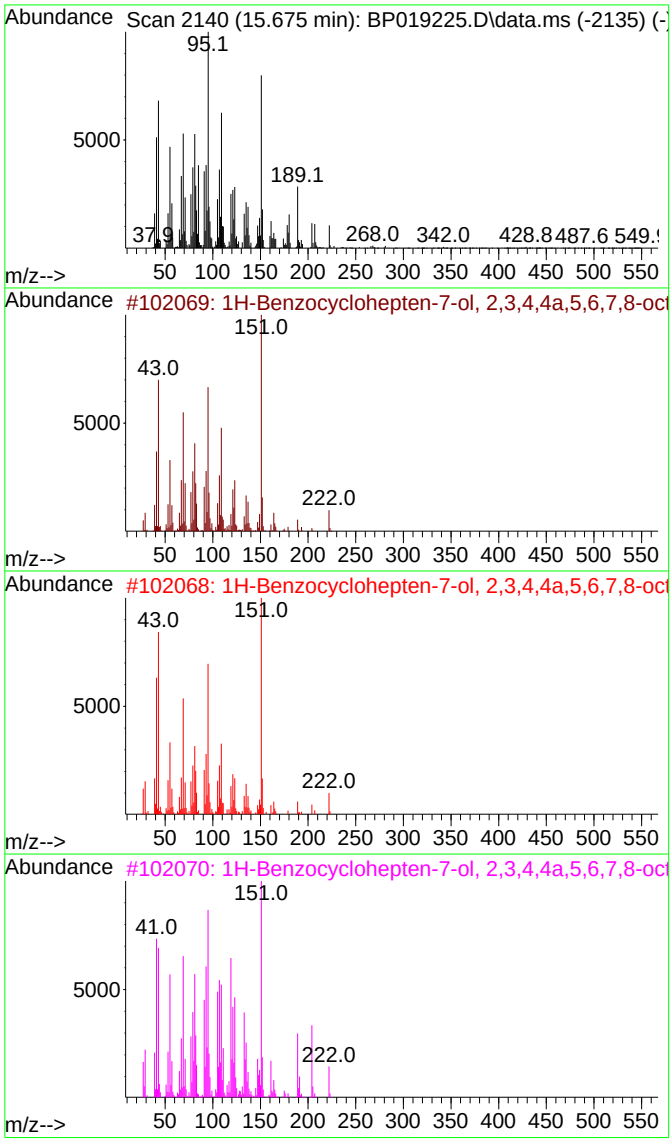
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

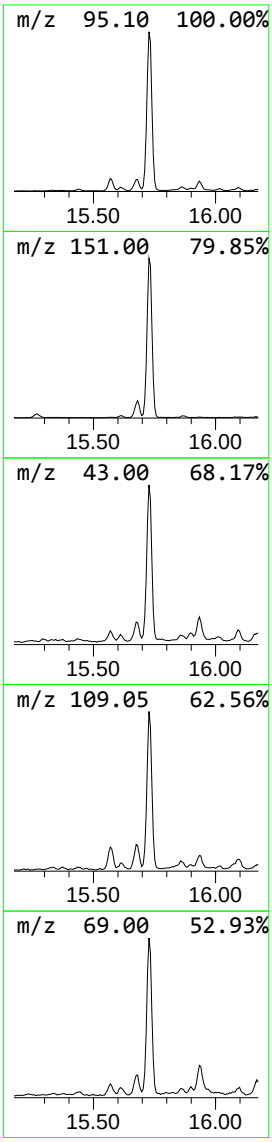
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Benzocyclohepten-7-ol, 2... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	3.55 ng/ul	437885	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	90
2	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	83
3	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	55
4	Isolongifolol	222	C15H26O	001139-17-9	52
5	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	50





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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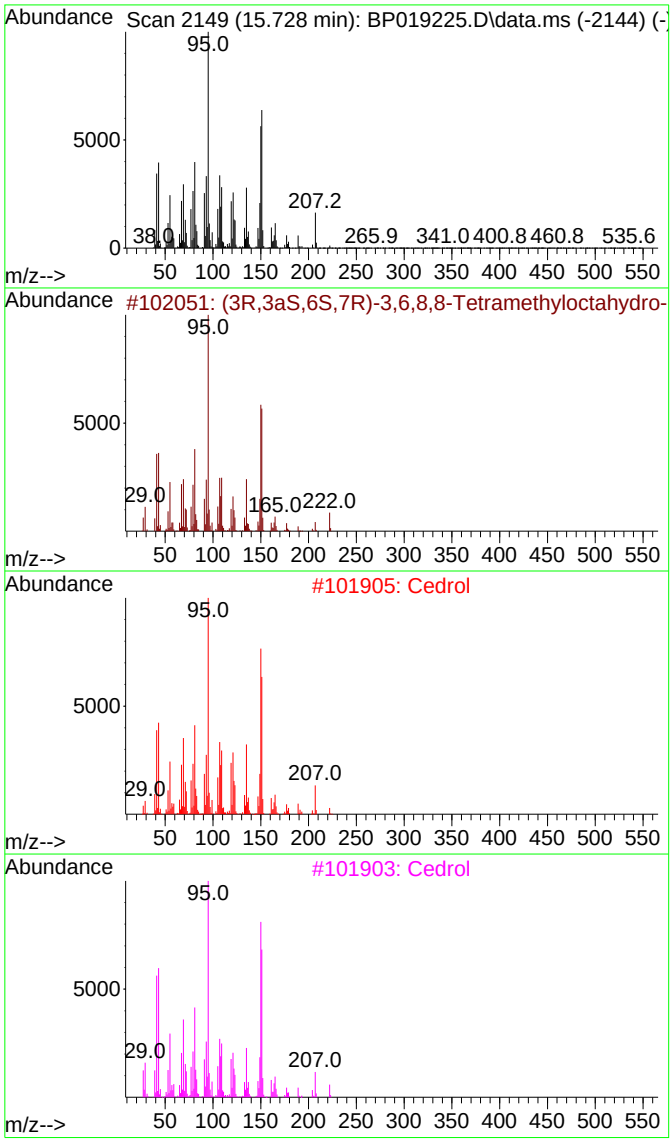
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

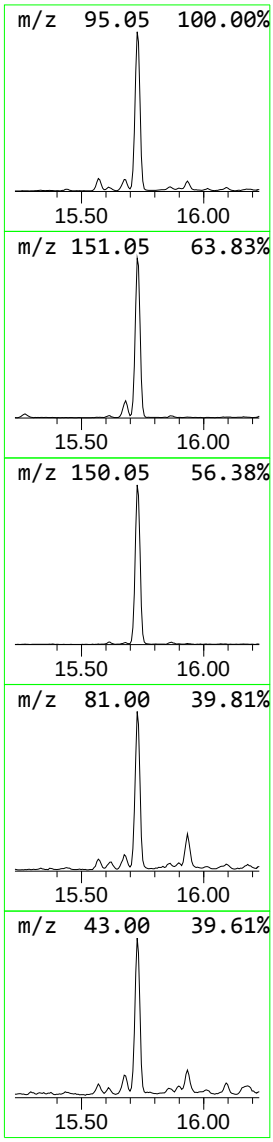
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (3R,3aS,6S,7R)-3,6,8,8-Tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	31.60 ng/ul	3897550	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	91
2	Cedrol	222	C15H26O	000077-53-2	91
3	Cedrol	222	C15H26O	000077-53-2	87
4	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	87
5	Cedrol	222	C15H26O	000077-53-2	74





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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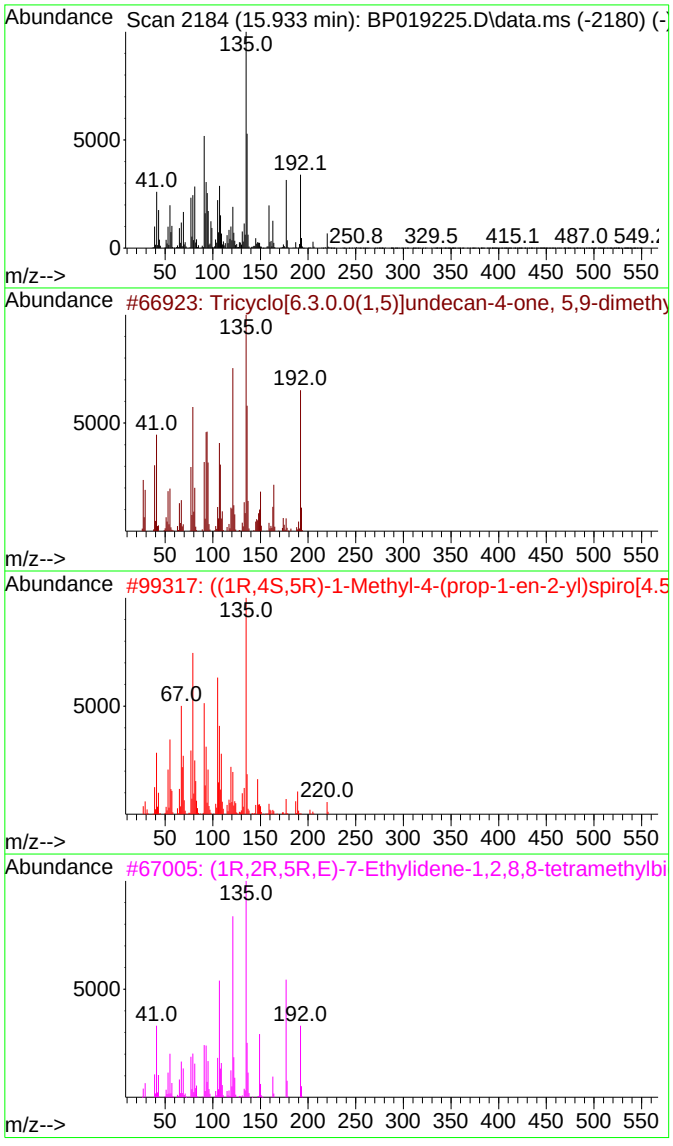
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

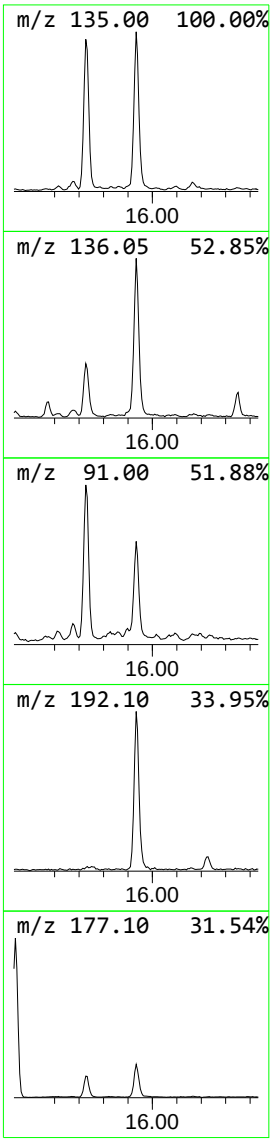
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Tricyclo[6.3.0.0(1,5)]undec... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	9.58 ng/ul	1111000	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[6.3.0.0(1,5)]undecan-4-...	192	C13H20O	1000153-99-8	72
2	((1R,4S,5R)-1-Methyl-4-(prop-1-e...	220	C15H24O	149496-35-5	43
3	(1R,2R,5R,E)-7-Ethylidene-1,2,8,...	192	C14H24	193695-14-6	43
4	Benzoic acid, 4-pentyl-	192	C12H16O2	026311-45-5	41
5	1H-3a,7-Methanoazulene-6-methano...	220	C15H24O	021441-72-5	38





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Sample : 05919-17
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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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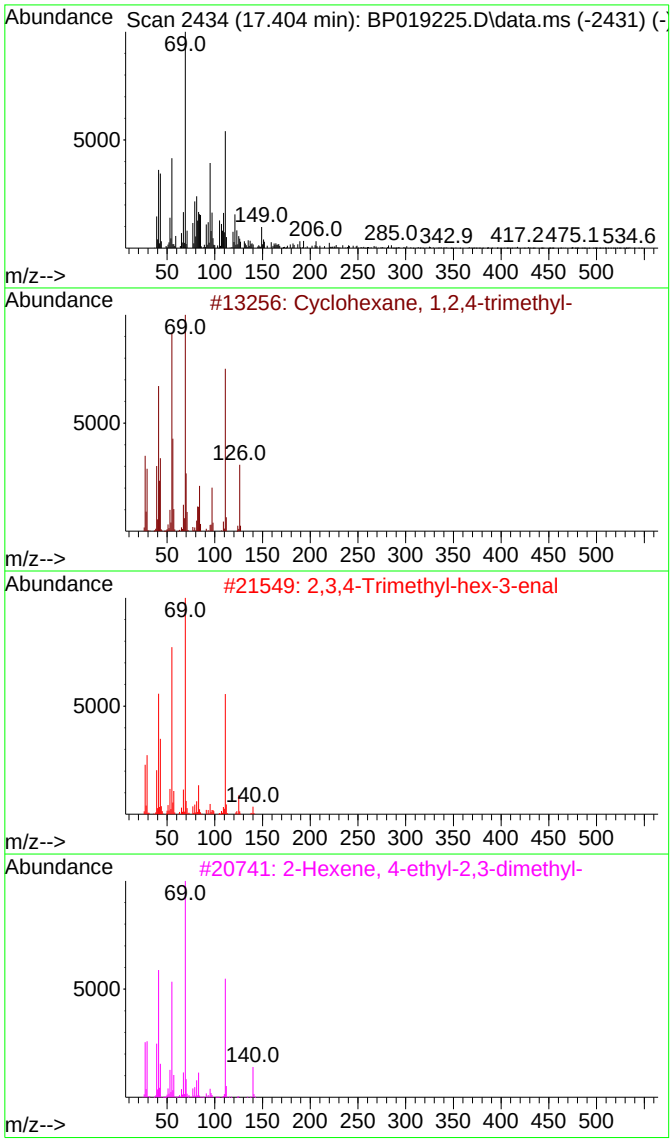
Quant Title : SVOA CALIBRATION

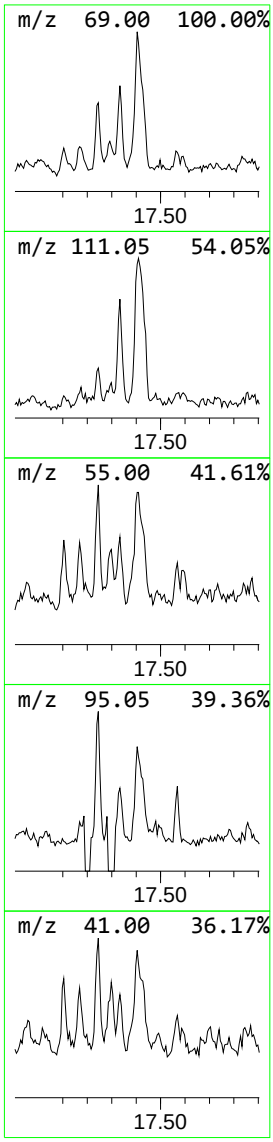
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic17.404 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	2.68 ng/ul	311002	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	43
3	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43
4	Farnesol isomer a	222	C15H26O	1000108-92-4	43
5	2,6,10-Dodecatrienal, 3,7,11-tri...	220	C15H24O	000502-67-0	38





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

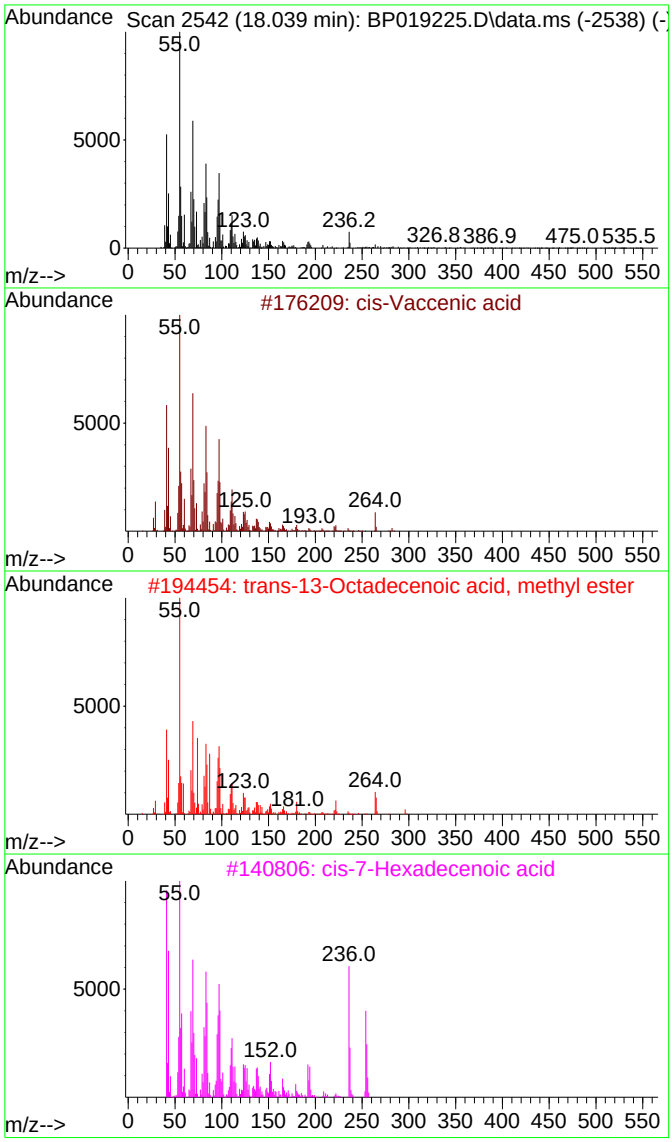
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

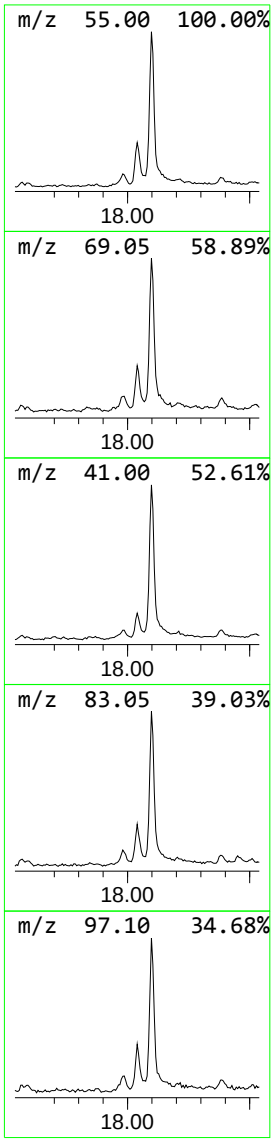
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 cis-Vaccenic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.17 ng/ul	367937	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	95
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	94
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	91
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

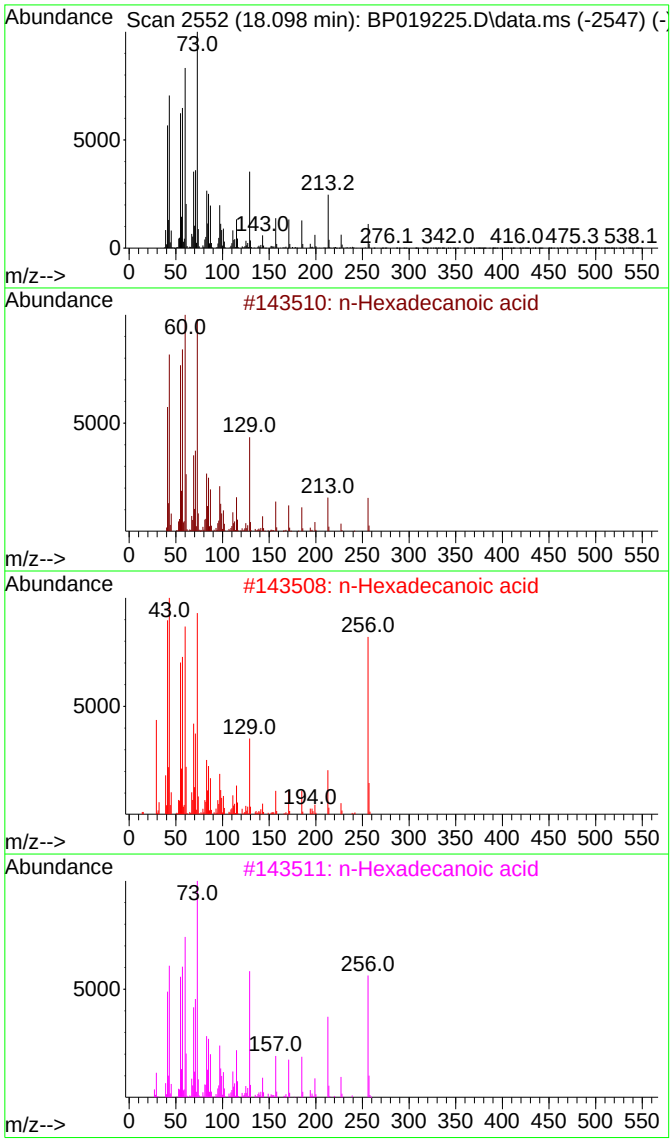
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

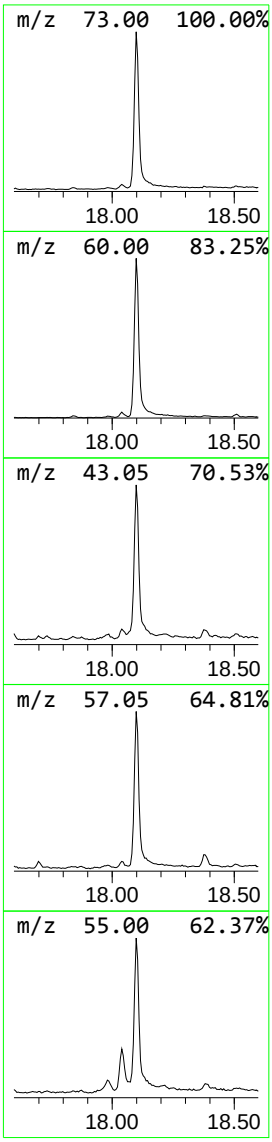
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	21.36 ng/ul	2475900	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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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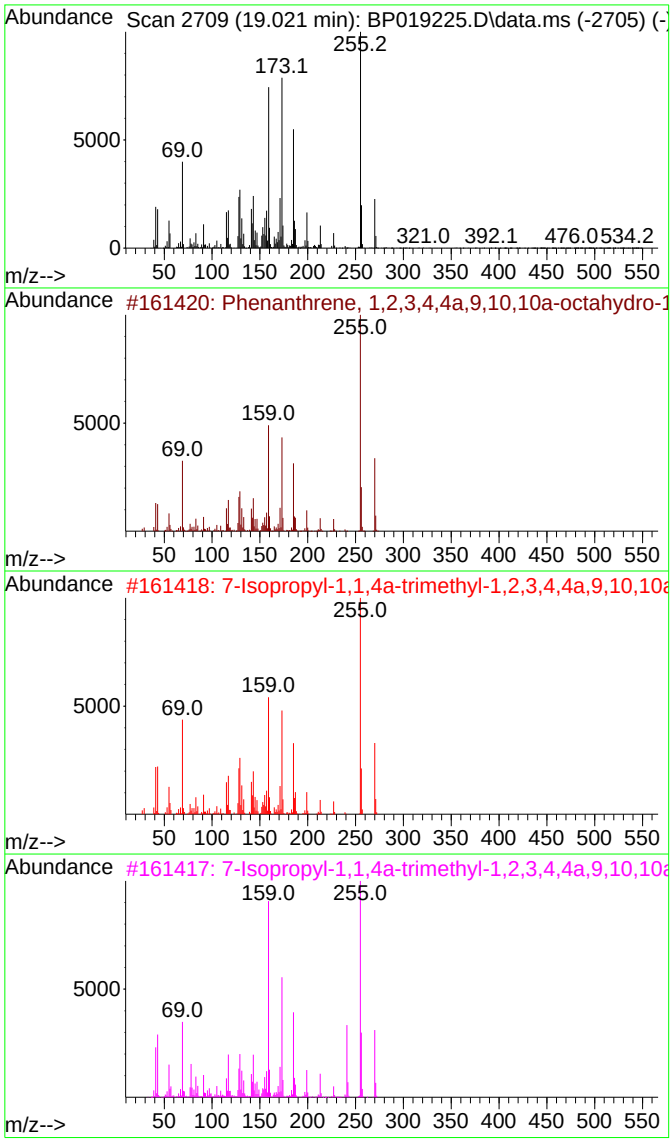
Quant Title : SVOA CALIBRATION

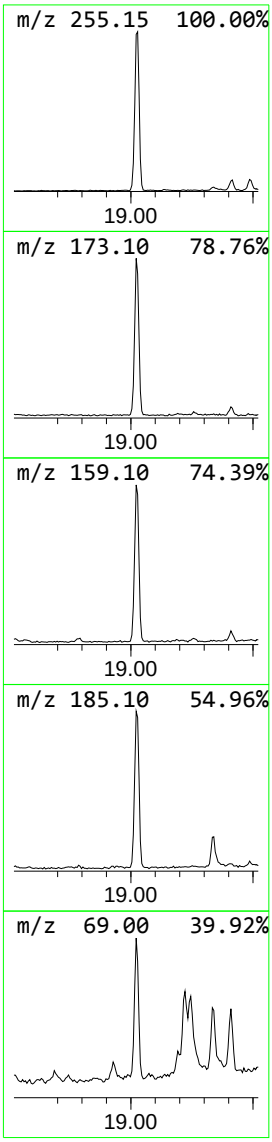
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	8.42 ng/ul	976100	Phenanthrene-d10	17.198

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	60
4	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	25
5	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	18





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Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

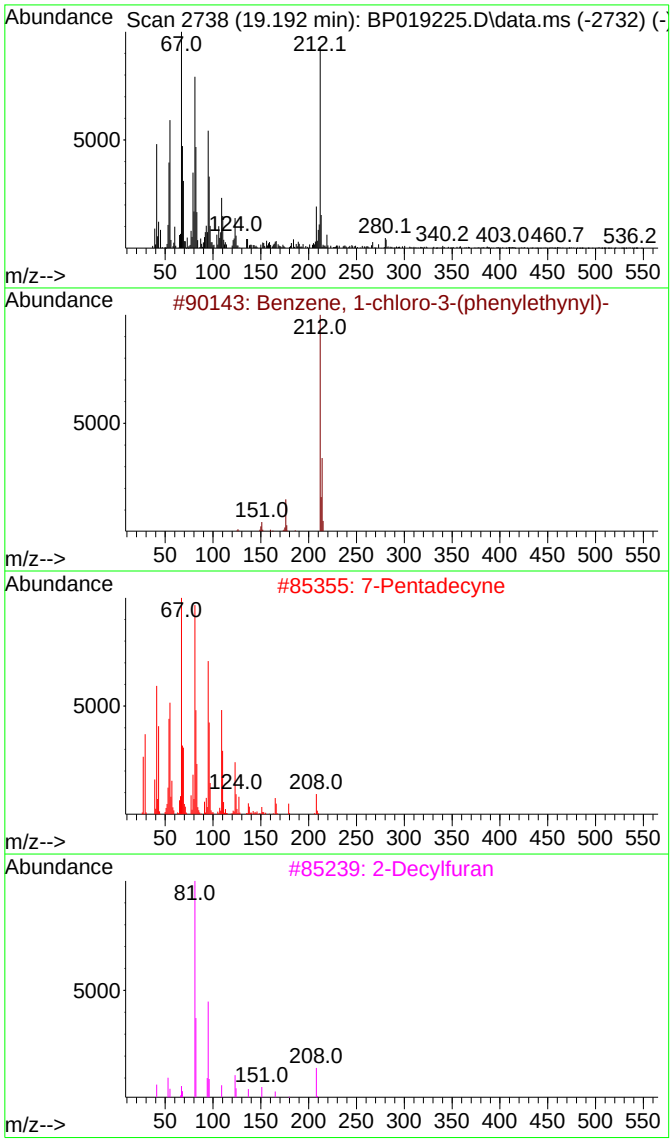
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

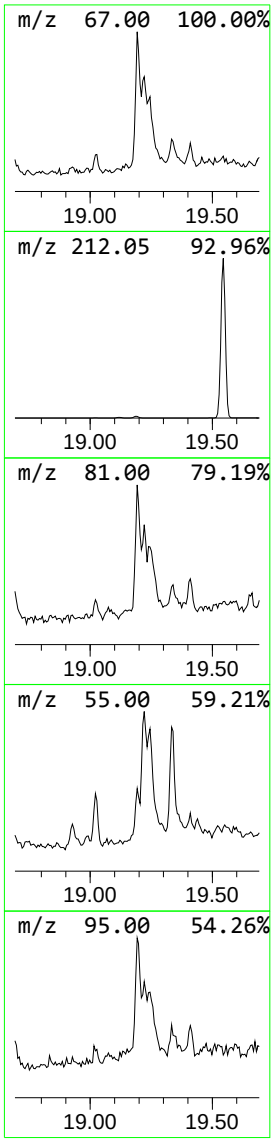
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-chloro-3-(phenyl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	3.31 ng/ul	383470	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-(phenylethyn...	212	C14H9Cl	051624-34-1	50
2	7-Pentadecyne	208	C15H28	022089-89-0	27
3	2-Decylfuran	208	C14H24O	083469-85-6	22
4	3-Methyl-5-nitroso-6-propylamino...	212	C8H12N4O3	1000311-37-5	15
5	N-[Imino(2-nitrocyclohexyl)oxoim...	316	C12H20N4O6	104486-72-8	12





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

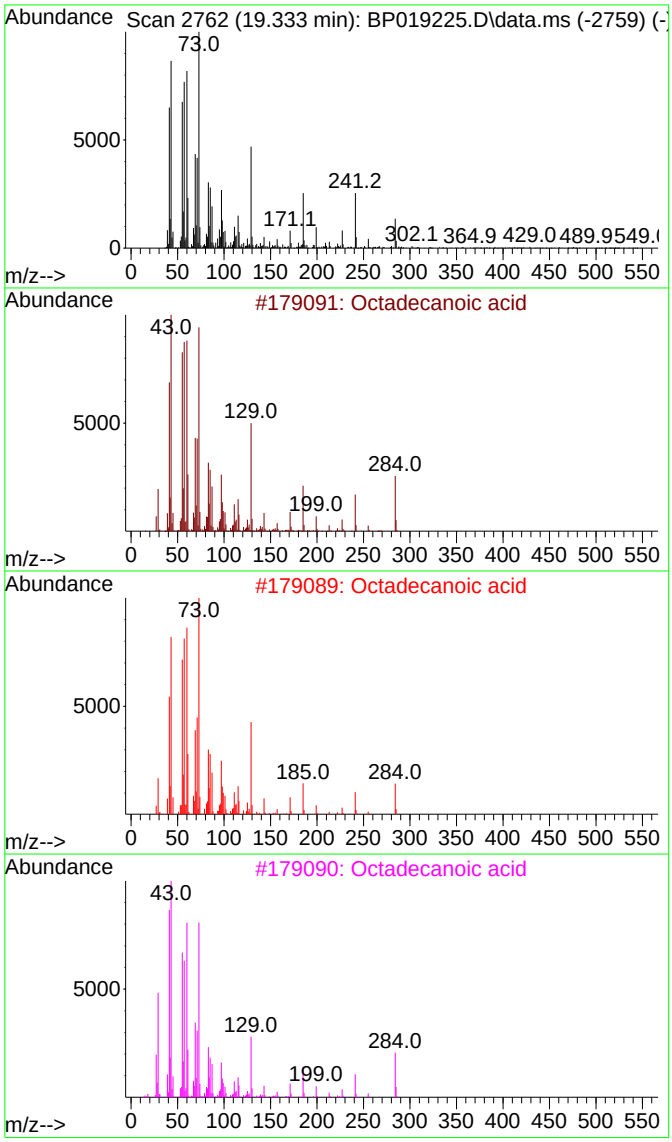
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

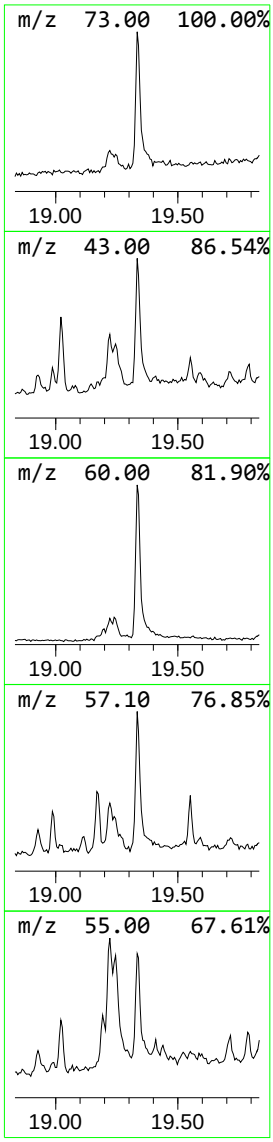
****

Peak Number 31 Octadecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	3.01 ng/ul	550629	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

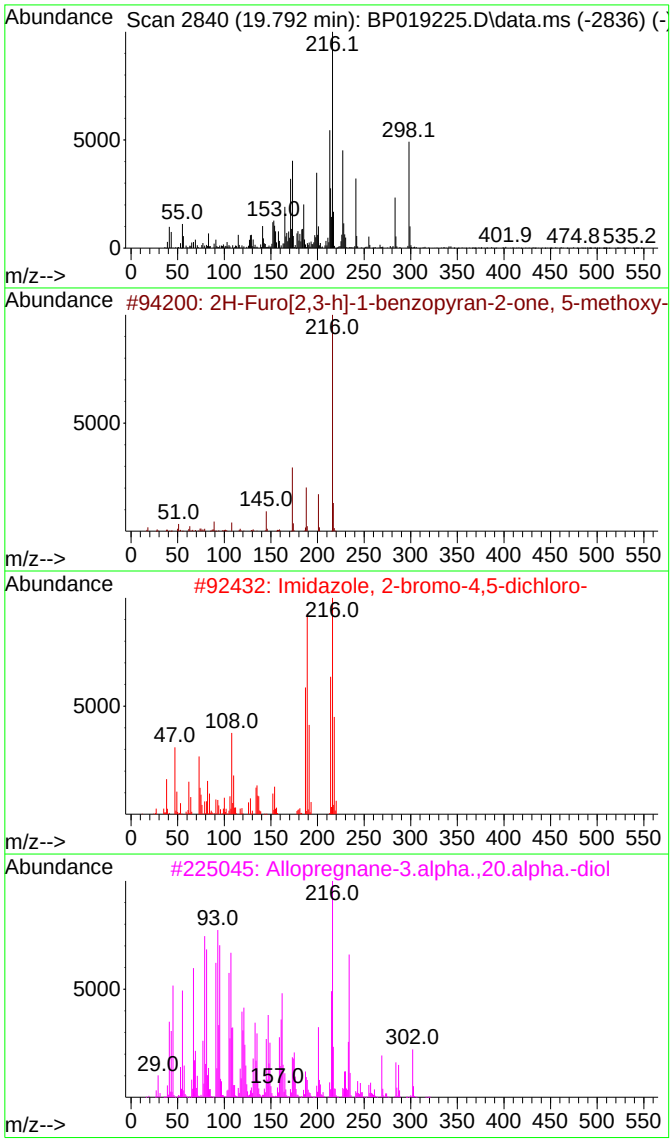
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

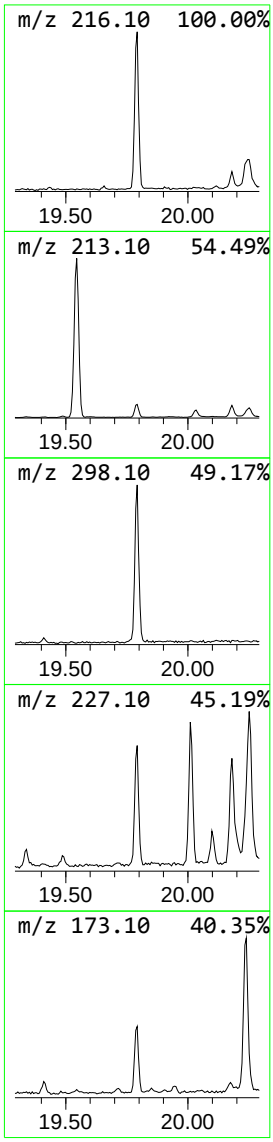
****

Peak Number 32 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.792	2.76 ng/ul	505297	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Furo[2,3-h]-1-benzopyran-2-on...	216	C12H8O4	000482-48-4	22
2	Imidazole, 2-bromo-4,5-dichloro-	214	C3HBrCl2N2	016076-27-0	18
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	15
4	Naphthalene-2,6-dicarboxylic aci...	380	C24H28O4	1000189-64-6	14
5	7H-Furo[3,2-g][1]benzopyran-7-on...	216	C12H8O4	000484-20-8	14





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

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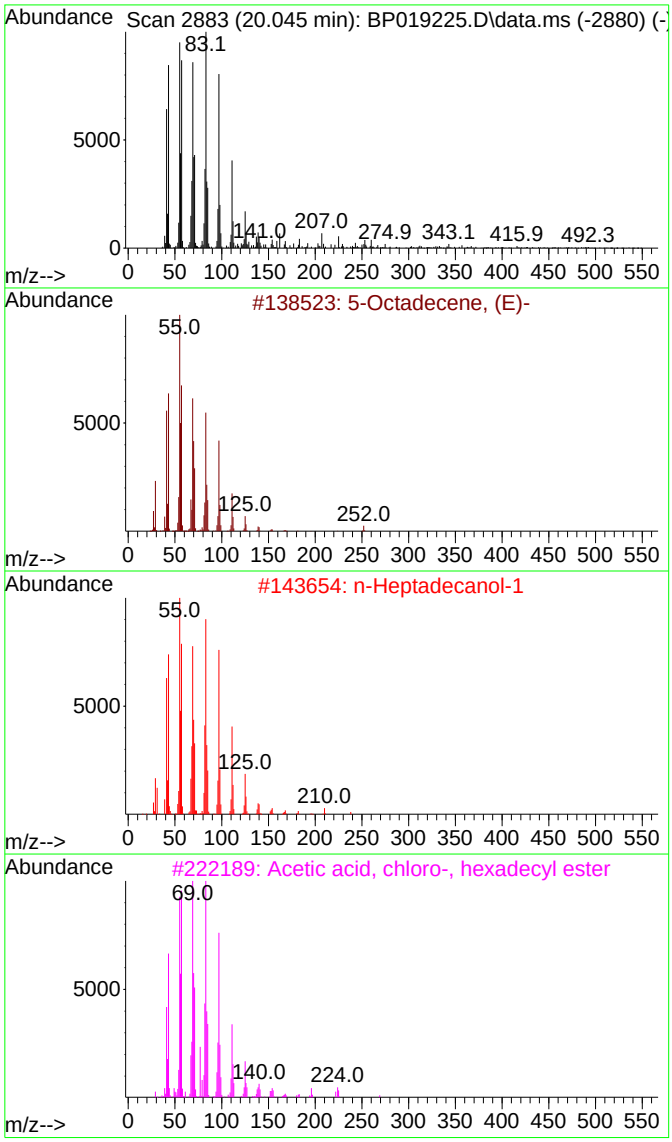
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

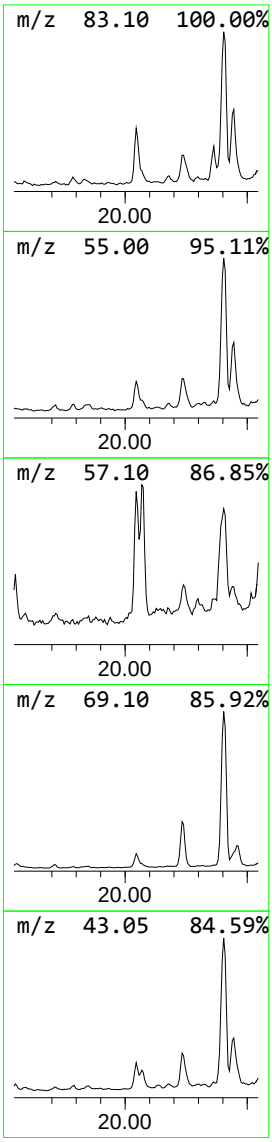
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.21 ng/ul	404776	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





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Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

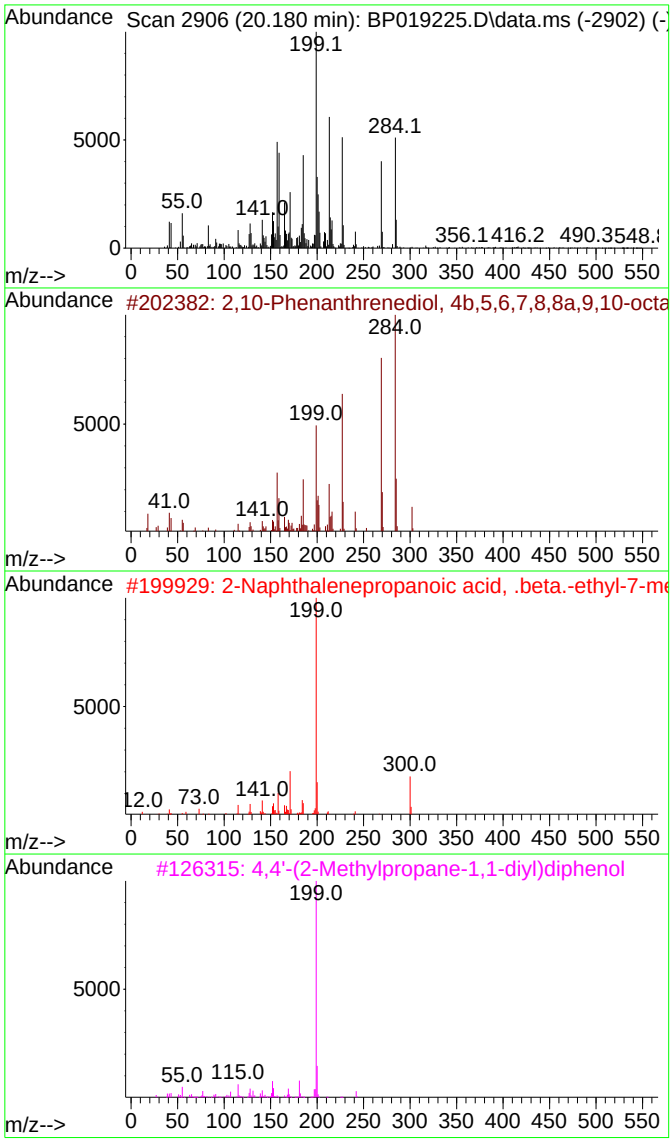
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

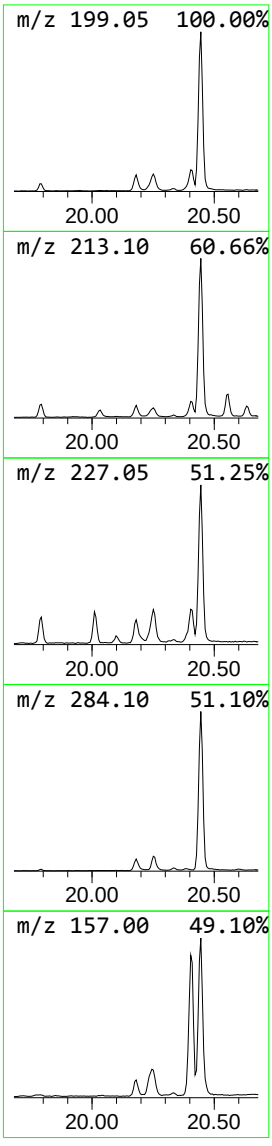
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 2,10-Phenanthrenediol, 4b,5... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.83 ng/ul	517414	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,10-Phenanthrenediol, 4b,5,6,7,...	302	C20H30O2	006811-52-5	52
2	2-Naphthalenepropanoic acid, .be...	300	C19H24O3	057289-68-6	40
3	4,4'-(2-Methylpropane-1,1-diyl)d...	242	C16H18O2	001844-00-4	25
4	Tetracyclo[16.1.0.0(2,9).0(10,17...	284	C21H32	1000163-57-5	25
5	Anthracene, 1,2,3,4,5,6,7,8-octa...	214	C16H22	042173-25-1	22





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Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

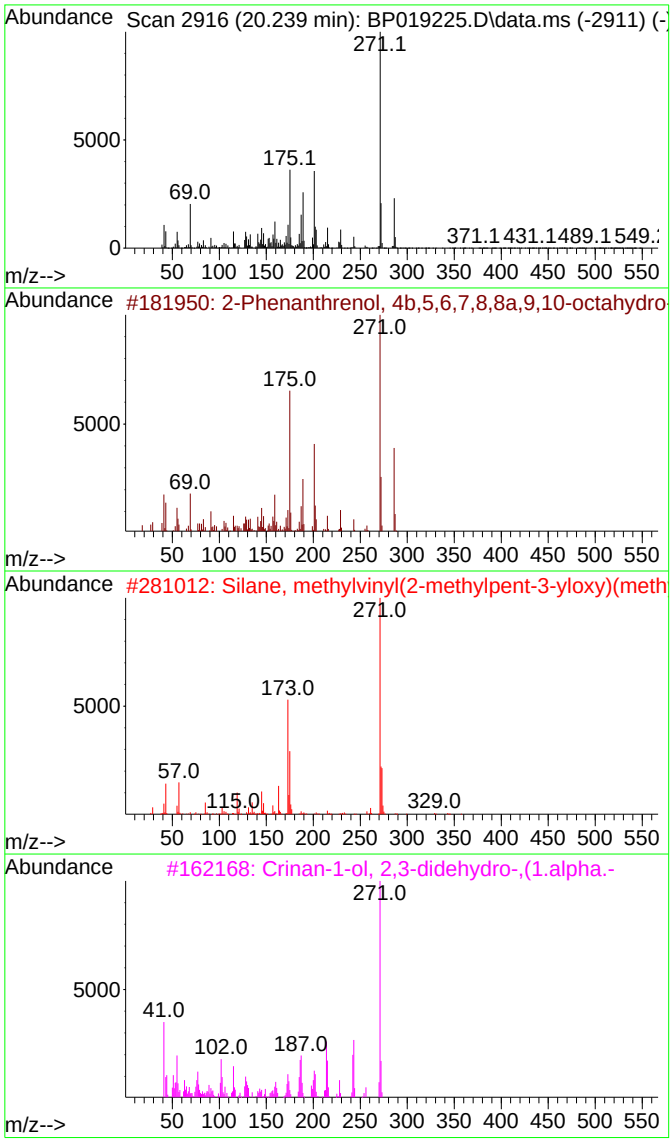
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

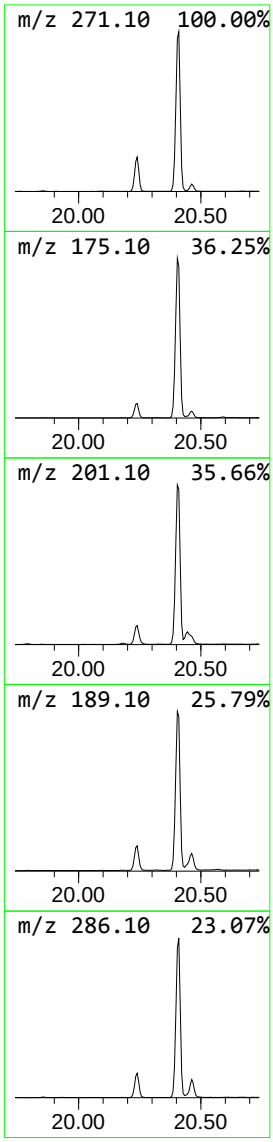
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	20.26 ng/ul	3709940	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	91
2	Silane, methylvinyl(2-methylpent...	372	C19H40O3Si2	1010421-54-4	43
3	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	43
4	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	43
5	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	40





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Acq On : 03 Jan 2024 00:51
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Misc :
ALS Vial : 26 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

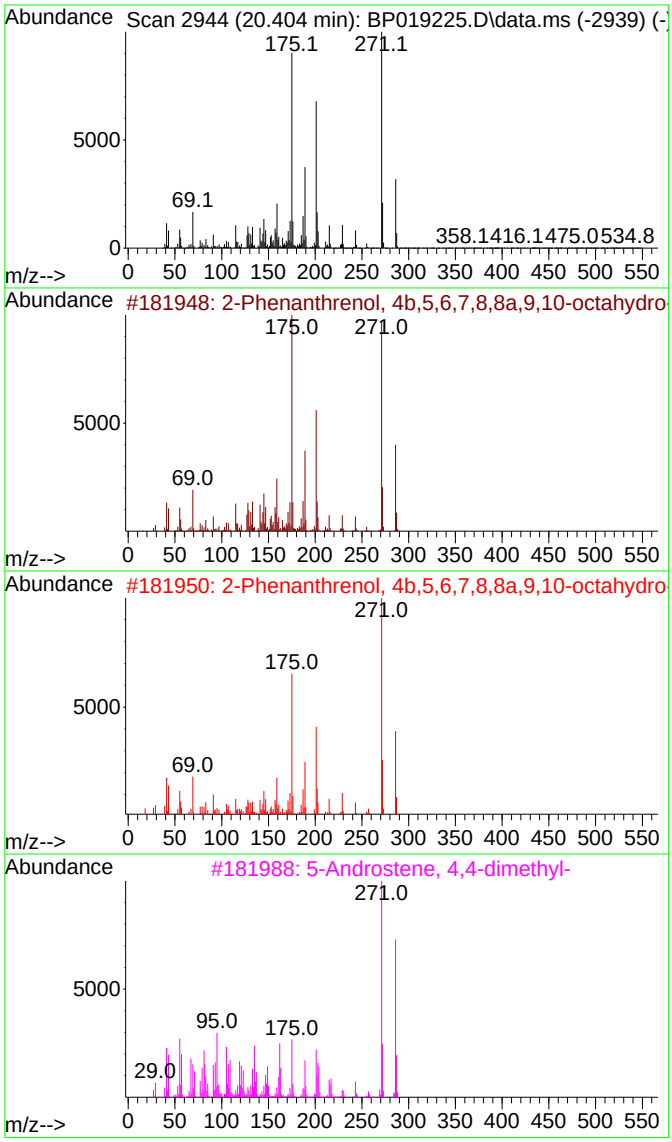
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

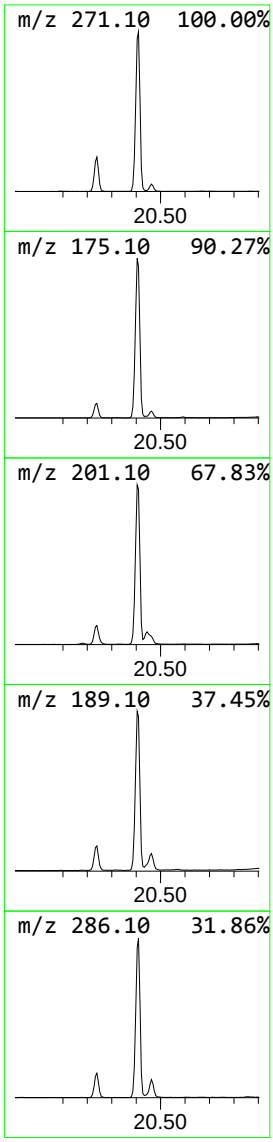
****

Peak Number 36 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	104.12 ng/ul	19062400	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	96
3	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	35
4	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	30
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	27





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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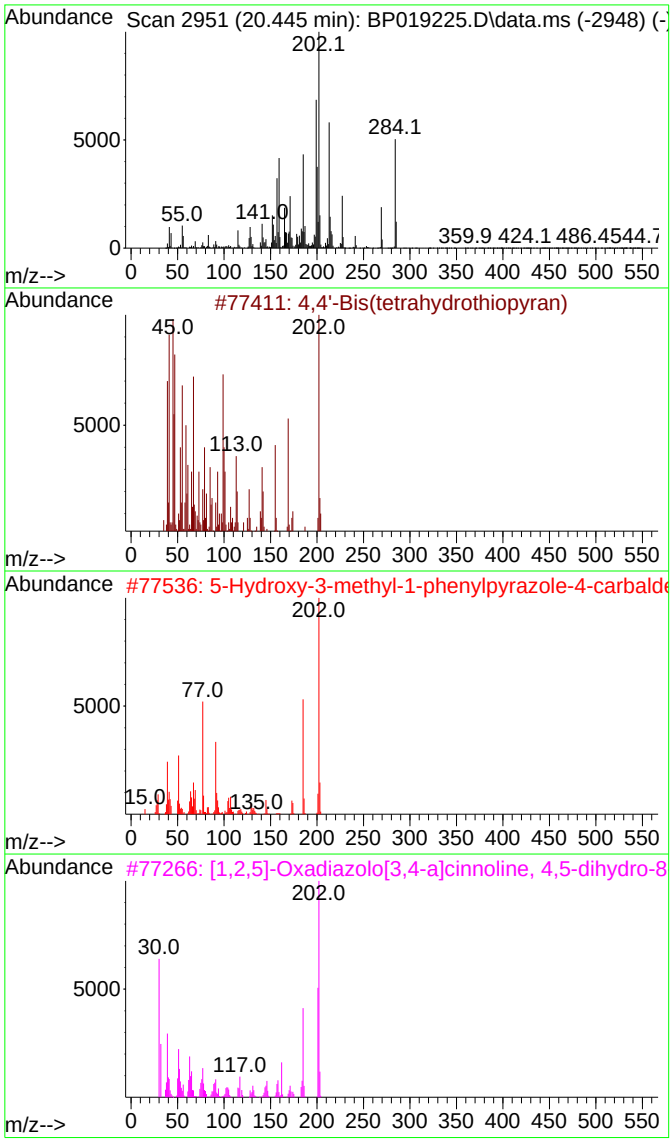
Quant Title : SVOA CALIBRATION

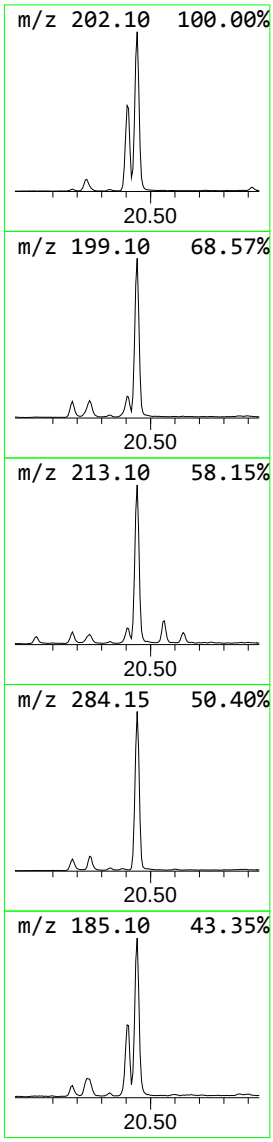
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	40.41 ng/ul	7397900	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	38
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30
4	Tetracyclo[16.1.0.0(2,9).0(10,17...	284	C21H32	1000163-57-5	25
5	Fluoren-9-one, 9a-hydroxy-1,2,3,...	202	C13H14O2	1000160-37-9	15





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Operator : MA/JU
Sample : 05919-17
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ALS Vial : 26 Sample Multiplier: 1

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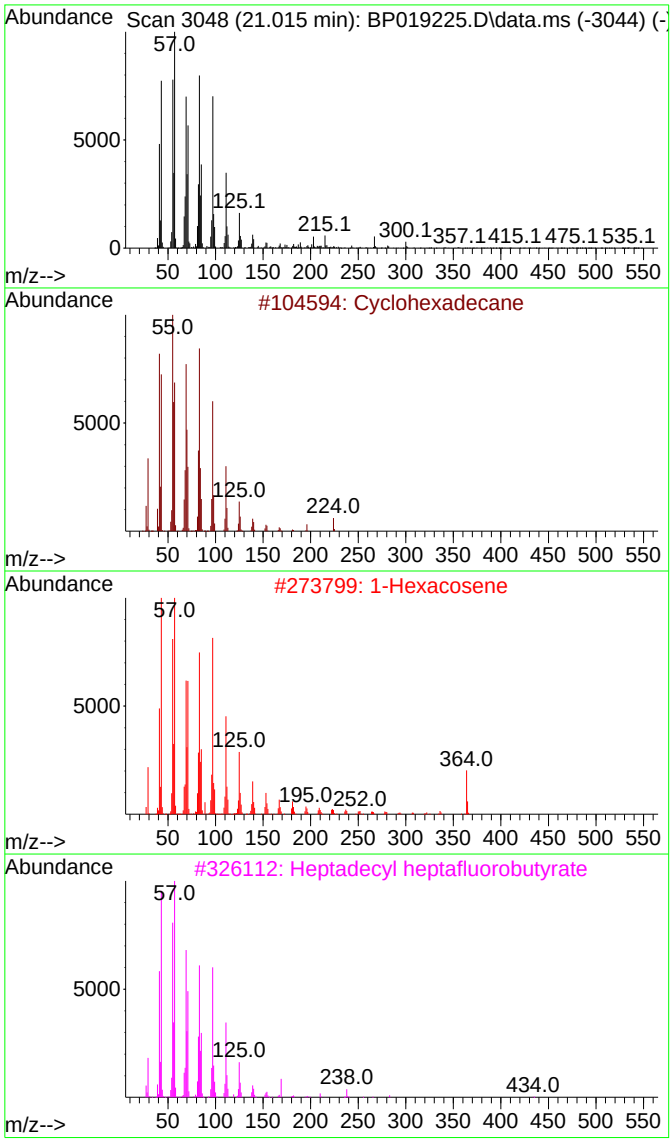
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

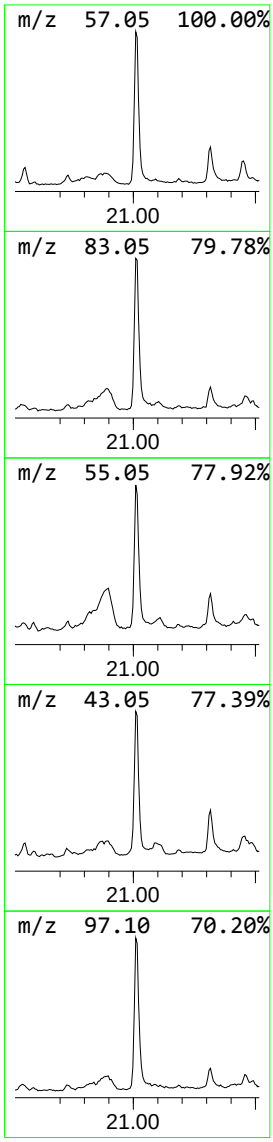
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic21.015 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	11.83 ng/ul	2166010	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





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Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

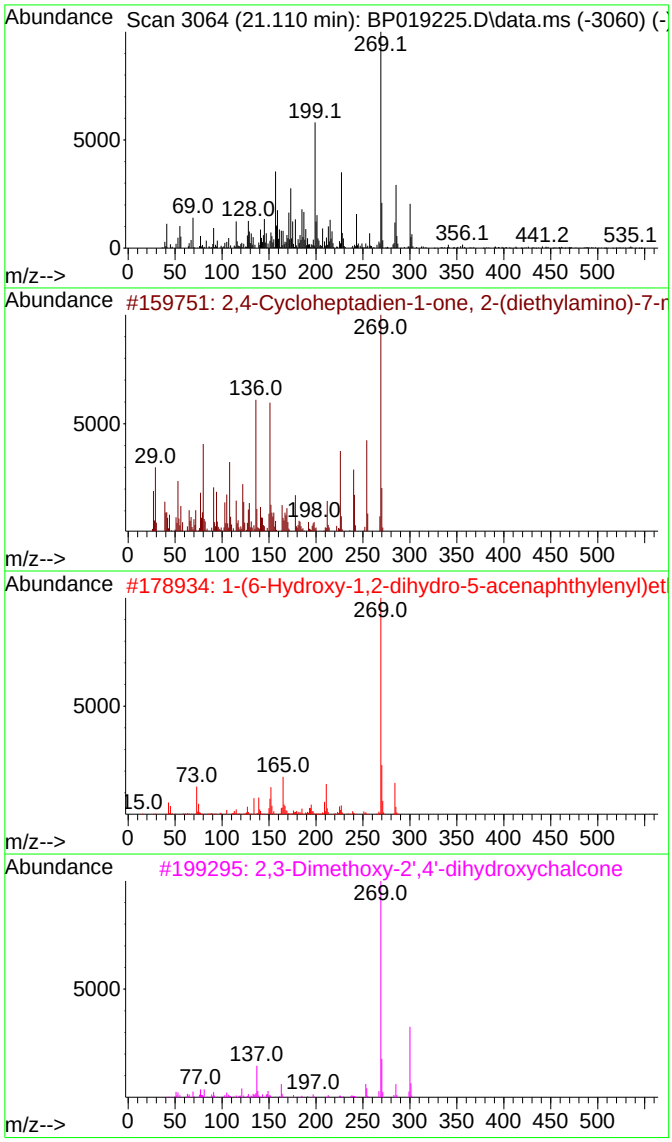
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

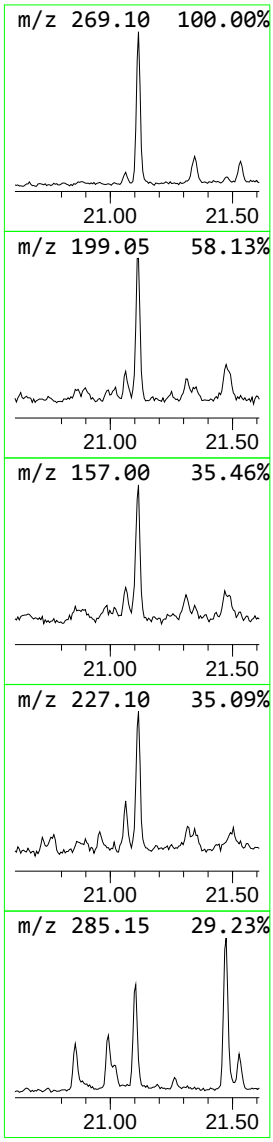
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 2,4-Cycloheptadien-1-one, 2... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	4.83 ng/ul	884720	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Cycloheptadien-1-one, 2-(die...	269	C18H23NO	133436-07-4	86
2	1-(6-Hydroxy-1,2-dihydro-5-acena...	284	C17H20O2Si	1000477-24-3	46
3	2,3-Dimethoxy-2',4'-dihydroxycha...	300	C17H16O5	036745-27-4	38
4	5H-Dibenzo[c,g]carbazole, 6,7-di...	269	C20H15N	063397-99-9	30
5	2,7-Diphenylindole	269	C20H15N	001157-17-1	30





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Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

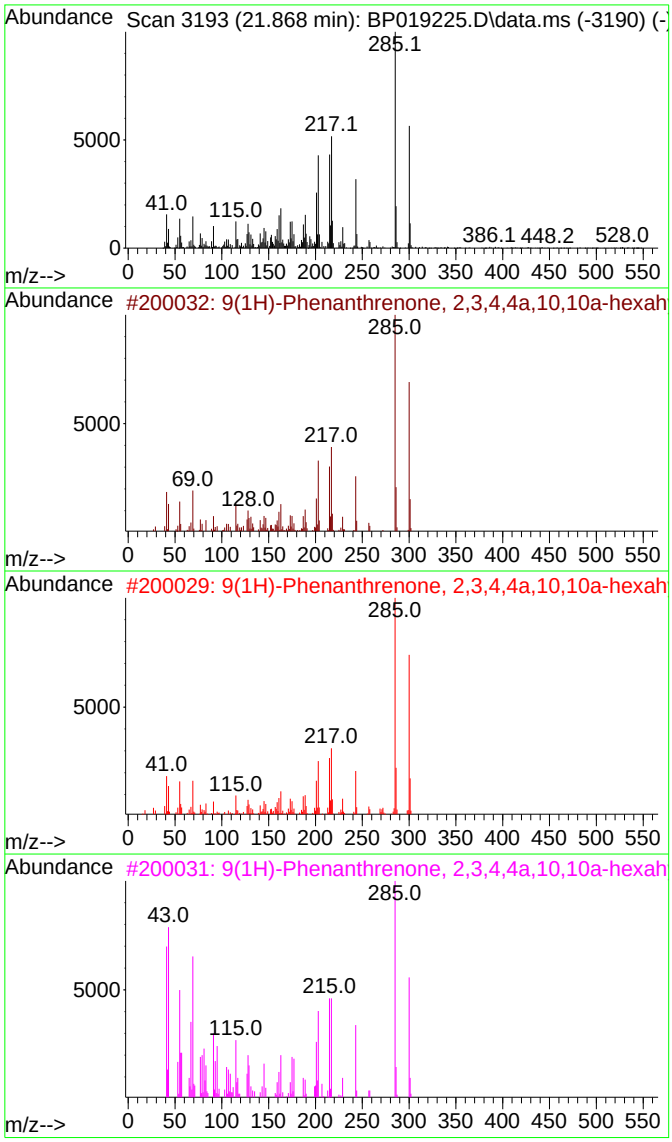
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

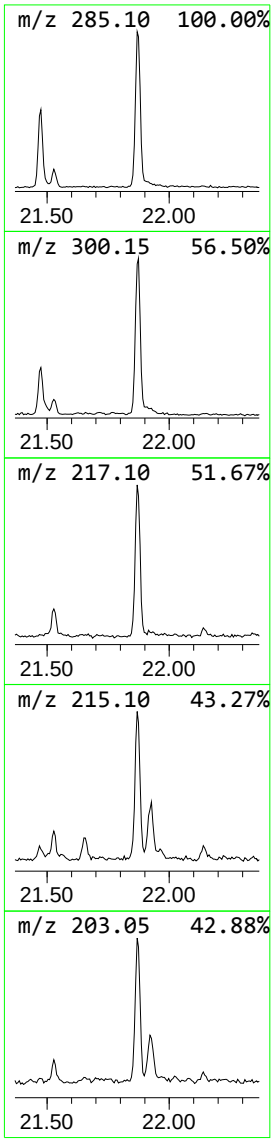
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.868	5.56 ng/ul	1017700	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	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	95
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	55
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	53





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Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

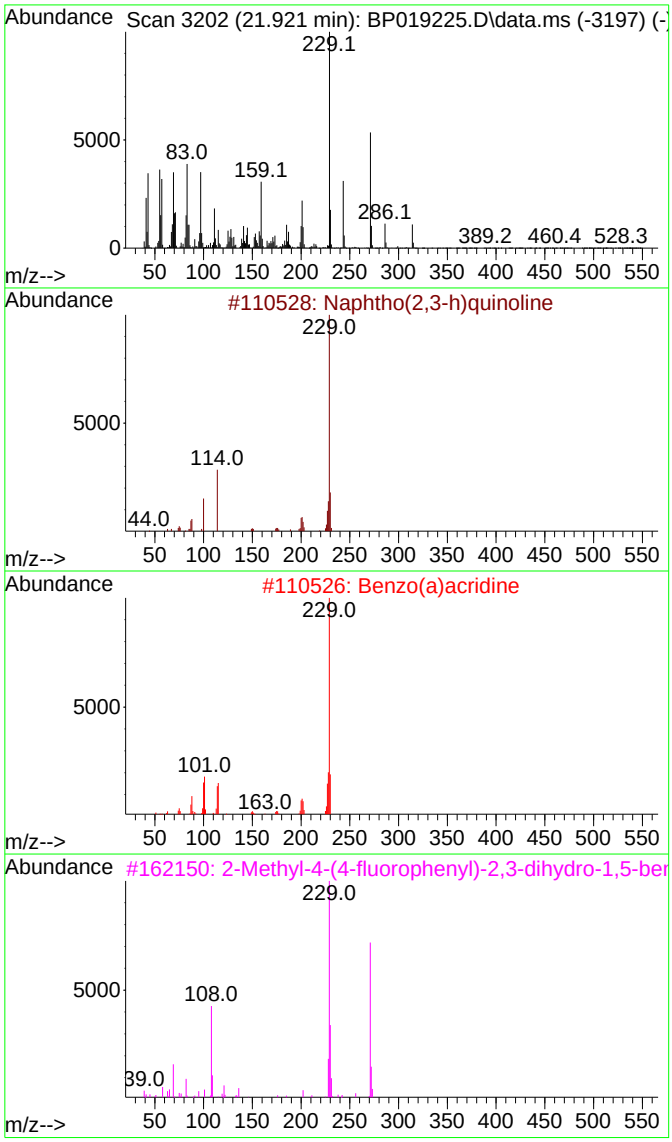
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

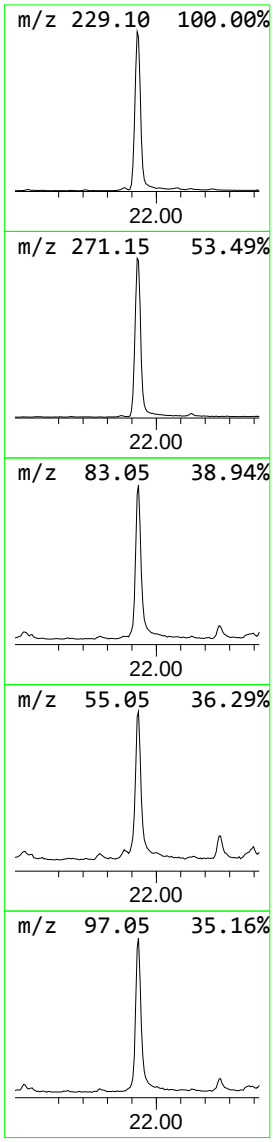
****

Peak Number 41 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	48.34 ng/ul	8849970	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	27
2	Benzo(a)acridine	229	C17H11N	000225-11-6	27
3	2-Methyl-4-(4-fluorophenyl)-2,3-...	271	C16H14FNS	074148-64-4	27
4	6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	25
5	Imidazo[1,2-c]pyrimidin-2-one, 1...	229	C9H15N3O2S	1000310-27-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

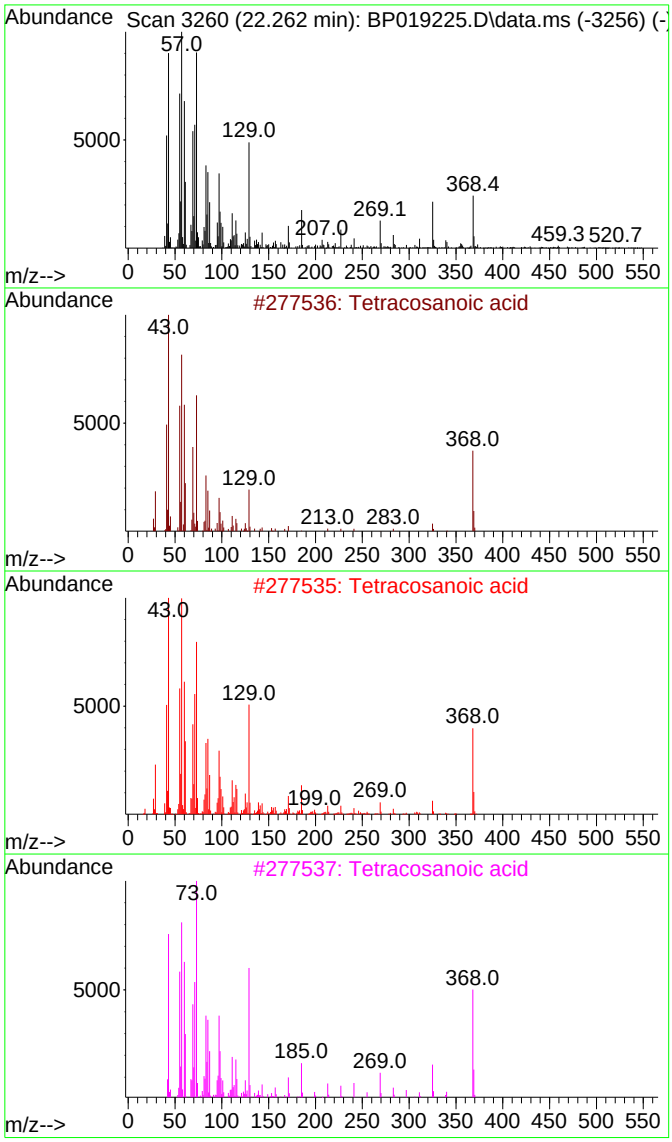
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

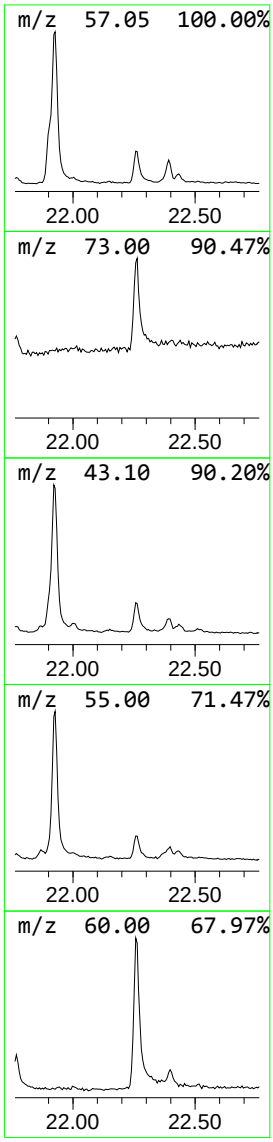
****

Peak Number 42 Tetracosanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.262	5.42 ng/ul	991745	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	96
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	94
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

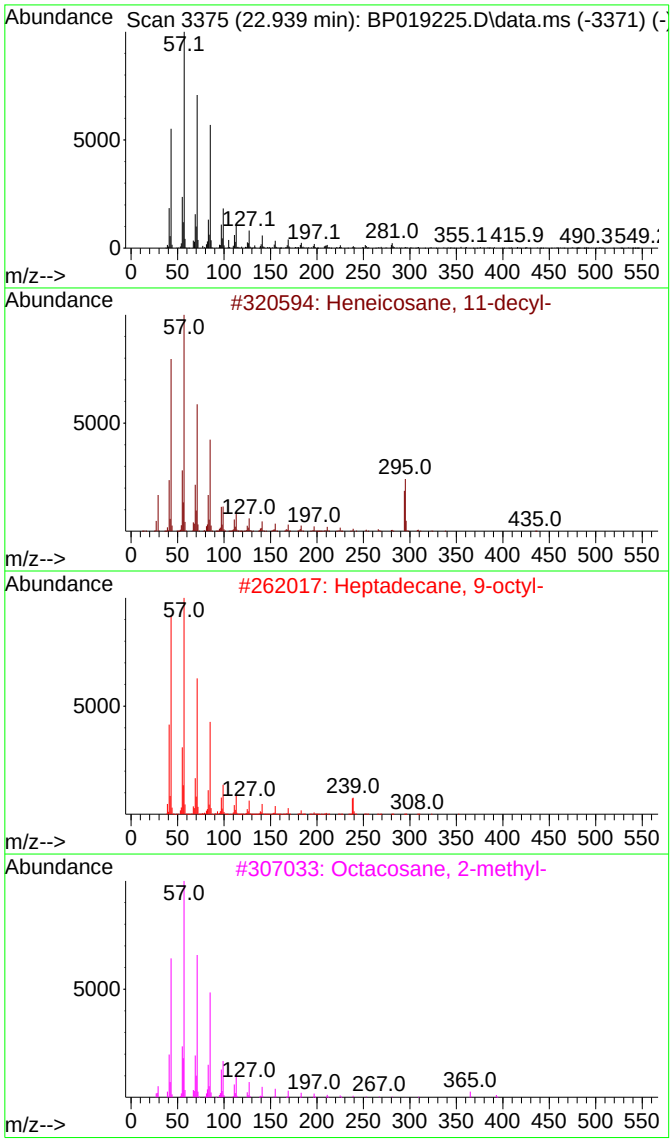
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

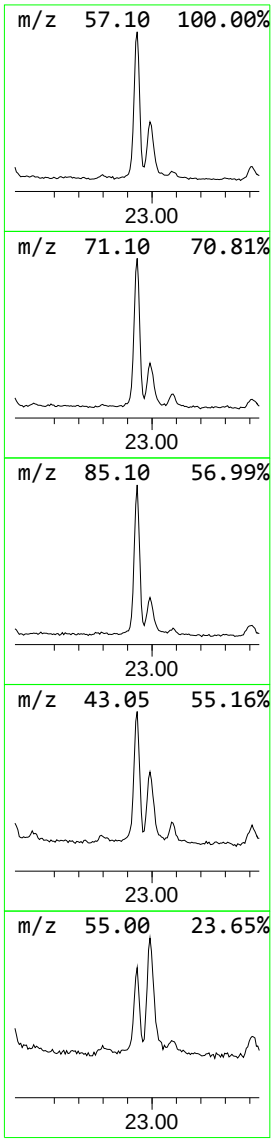
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.939	6.31 ng/ul	897341	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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

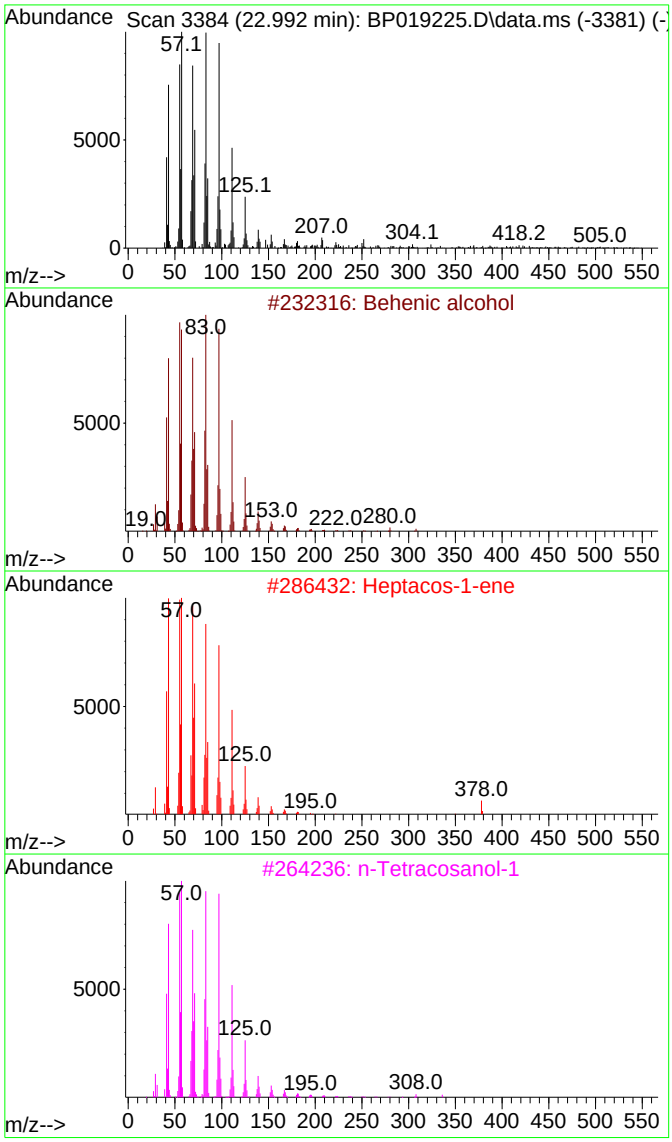
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

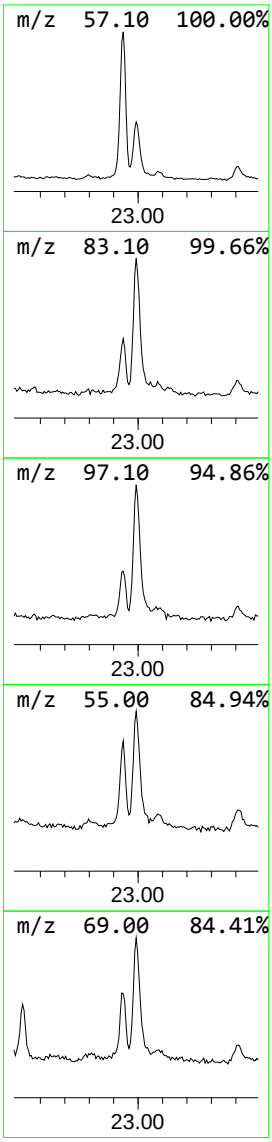
****

Peak Number 44 Behenic alcohol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.992	6.84 ng/ul	972064	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	Heptacos-1-ene	378	C27H54	015306-27-1	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

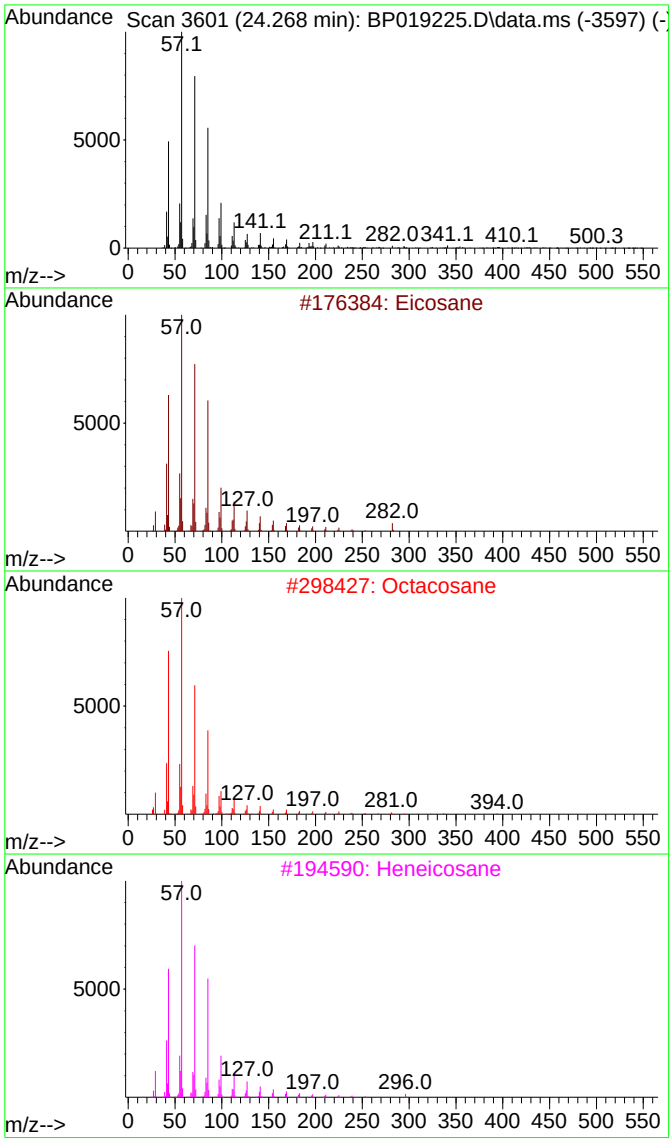
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

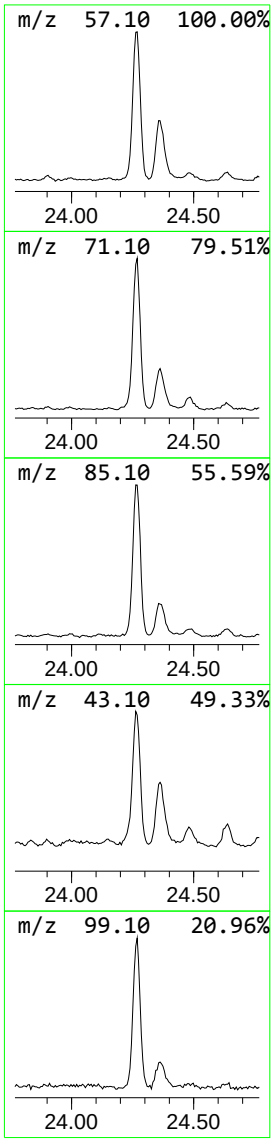
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.268	10.59 ng/ul	1506010	Perylene-d12	23.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

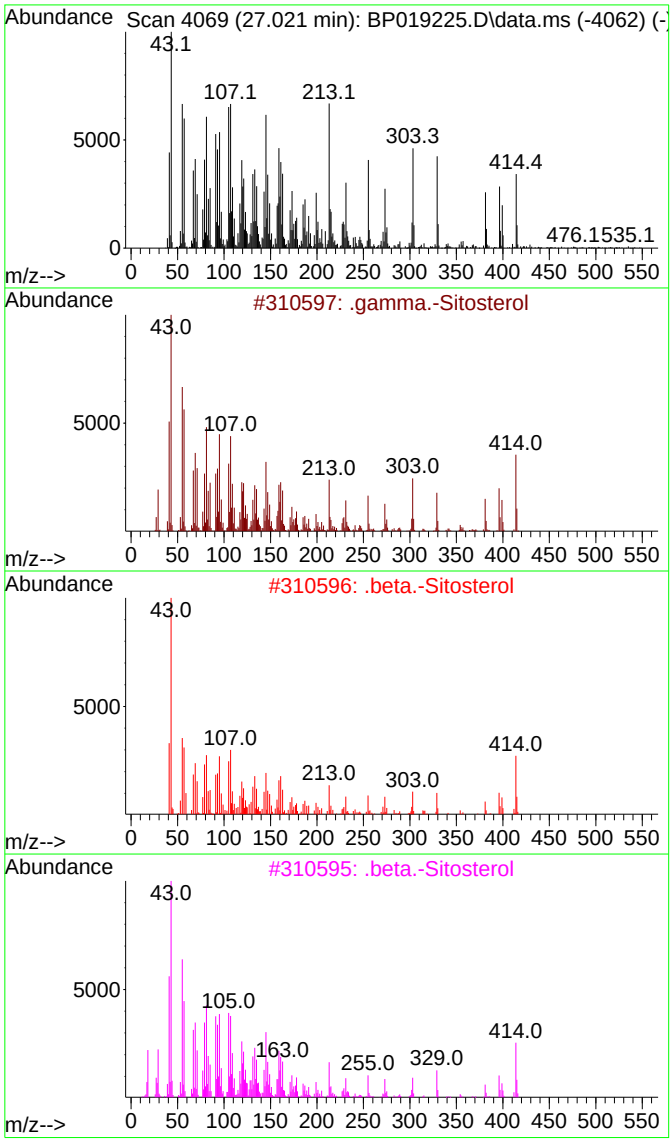
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

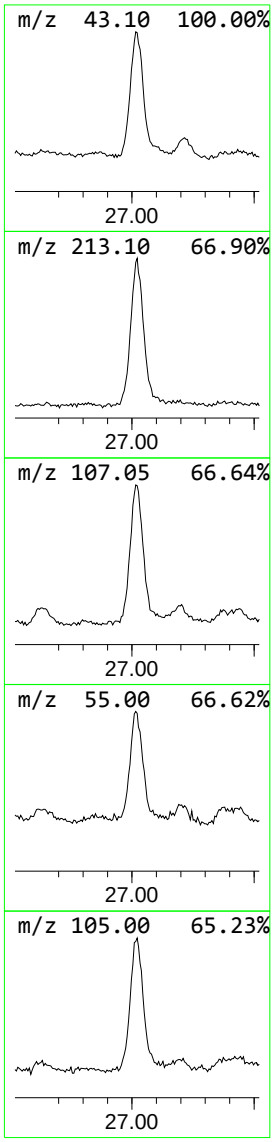
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.021	28.97 ng/ul	4118780	Perylene-d12	23.668

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	89
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	53
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	25
5	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019225.D
Acq On : 03 Jan 2024 00:51
Operator : MA/JU
Sample : 05919-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF49

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
trans-.beta.-Oc...	6.469	3.1	ng/ul	153015	1	7.799	986981	20.0
1,4-Methano-1H-...	13.445	7.8	ng/ul	957051	3	14.445	2466920	20.0
Cycloisolongifo...	13.581	9.9	ng/ul	1222610	3	14.445	2466920	20.0
Longifolene	13.704	81.7	ng/ul	10073200	3	14.445	2466920	20.0
Naphthalene, 1,...	13.751	13.4	ng/ul	1651370	3	14.445	2466920	20.0
cis-Thujopsene	13.957	10.8	ng/ul	1327730	3	14.445	2466920	20.0
Cyclohexene, 4-...	14.263	7.5	ng/ul	919386	3	14.445	2466920	20.0
trans-.alpha.-B...	14.334	9.5	ng/ul	1176370	3	14.445	2466920	20.0
Naphthalene, 1,...	14.510	7.1	ng/ul	875955	3	14.445	2466920	20.0
Azulene, 1,2,3,...	14.592	4.7	ng/ul	580729	3	14.445	2466920	20.0
(2S,4aR,8aR)-4a...	14.810	4.9	ng/ul	606341	3	14.445	2466920	20.0
1H-Benzocyclohe...	15.675	3.5	ng/ul	437885	3	14.445	2466920	20.0
(3R,3aS,6S,7R)-...	15.727	31.6	ng/ul	3897550	3	14.445	2466920	20.0
Tricyclo[6.3.0....	15.933	9.6	ng/ul	1111000	4	17.198	2318480	20.0
(DEL) Alkane: C...	17.404	2.7	ng/ul	311002	4	17.198	2318480	20.0
cis-Vaccenic acid	18.039	3.2	ng/ul	367937	4	17.198	2318480	20.0
n-Hexadecanoic ...	18.098	21.4	ng/ul	2475900	4	17.198	2318480	20.0
Phenanthrene, 1...	19.022	8.4	ng/ul	976100	4	17.198	2318480	20.0
Benzene, 1-chlo...	19.192	3.3	ng/ul	383470	4	17.198	2318480	20.0
Octadecanoic acid	19.333	3.0	ng/ul	550629	5	21.304	3661710	20.0
unknown-01	19.792	2.8	ng/ul	505297	5	21.304	3661710	20.0
(DEL) Alkane: S...	20.045	2.2	ng/ul	404776	5	21.304	3661710	20.0
2,10-Phenanthre...	20.180	2.8	ng/ul	517414	5	21.304	3661710	20.0
2-Phenanthrenol...	20.239	20.3	ng/ul	3709940	5	21.304	3661710	20.0
unknown-02	20.404	104.1	ng/ul	19062400	5	21.304	3661710	20.0
4,4'-Bis(tetrah...	20.445	40.4	ng/ul	7397900	5	21.304	3661710	20.0
(DEL) Alkane: C...	21.015	11.8	ng/ul	2166010	5	21.304	3661710	20.0
2,4-Cycloheptad...	21.110	4.8	ng/ul	884720	5	21.304	3661710	20.0
9(1H)-Phenanthr...	21.868	5.6	ng/ul	1017700	5	21.304	3661710	20.0
unknown-03	21.921	48.3	ng/ul	8849970	5	21.304	3661710	20.0
Tetracosanoic acid	22.262	5.4	ng/ul	991745	5	21.304	3661710	20.0
(DEL) Alkane: S...	22.939	6.3	ng/ul	897341	6	23.668	2843870	20.0
Behenic alcohol	22.992	6.8	ng/ul	972064	6	23.668	2843870	20.0
(DEL) Alkane: S...	24.268	10.6	ng/ul	1506010	6	23.668	2843870	20.0
.gamma.-Sitosterol	27.021	29.0	ng/ul	4118780	6	23.668	2843870	20.0