LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019227.D
Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF53

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: BP019227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	31	rVB	56596	69576	1.19%	0.108%
2	3.523	71	74	84	rVB	50648	70750	1.21%	0.110%
3	3.652	92	96	112	rBV	689292	1018018	17.44%	1.579%
4	3.970	148	150	154	rVB	12549	13589	0.23%	0.021%
5	4.205	186	190	197	rVB	23951	36067	0.62%	0.056%
6	4.623	257	261	266	rBV3	11826	16855	0.29%	0.026%
7	4.899	305	308	320	rVB2	9423	25396	0.44%	0.039%
8	5.011	325	327	332	rVB5	5388	5841	0.10%	0.009%
9	5.611	426	429	432	rVB5	4526	5916	0.10%	0.009%
10	5.893	473	477	483	rVB3	9726	16676	0.29%	0.026%
11	6.469	569	575	581	rVB3	11600	20627	0.35%	0.032%
12	6.828	630	636	643	rBV10	5474	9883	0.17%	0.015%
13	6.934	648	654	656	rBV7	3244	5936	0.10%	0.009%
14	6.987	656	663	676	rVB	802938	1286276	22.03%	1.995%
15	7.140	682	689	702	rVB	647079	991022	16.98%	1.537%
16	7.334	715	722	732	rBV	827725	1288495	22.07%	1.999%
17	7.428	732	738	744	rVB10	3870	9260	0.16%	0.014%
18	7.687	778	782	789	rVB3	8160	12870	0.22%	0.020%
19	7.799	793	801	810	rVV	583391	887637	15.20%	1.377%
20	7.887	810	816	823	rVB3	7496	14828	0.25%	0.023%
21	8.405	899	904	908	rBV8	4632	7549	0.13%	0.012%
22	8.528	918	925	934	rBV	946900	1567293	26.85%	2.431%
23	8.963	991	999	1010	rBV	745817	1187510	20.34%	1.842%
24	9.358	1064	1066	1073	rVB5	11794	18267	0.31%	0.028%
25	9.540	1091	1097	1108	rVB4	36470	68137	1.17%	0.106%
26	9.681	1113	1121	1129	rBV	615619	1022480	17.51%	1.586%
27	10.228	1206	1214	1223	rBV	979180	1645659	28.19%	2.552%
28	10.375	1233	1239	1248	rBV9	5351	10055	0.17%	0.016%
29	10.593	1269	1276	1288	rBV	701480	1189806	20.38%	1.845%
30	10.746	1294	1302	1313	rBV	796648	1368552	23.44%	2.123%
31	11.152	1365	1371	1375	rBV9	8410	15267	0.26%	0.024%
32	11.352	1398	1405	1412	rBV2	34516	67889	1.16%	0.105%
33	12.022	1516	1519	1525	rVB8	4913	8894	0.15%	0.014%
34	12.110	1530	1534	1538	rVV6	6195	10933	0.19%	0.017%
35	12.187	1542	1547	1553	rVB2	20725	33792	0.58%	0.052%
36	12.793	1644	1650	1656	rBV2	7665	15366	0.26%	0.024%

LSC Area Percent Report

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Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

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

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

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

37	12.940	1670	1675	1680	rBV4	18412	28189	0.48%	0.044%
38	13.116	1701	1705	1710	rBV8	6054	9263	0.16%	0.014%
39	13.169	1710	1714	1718	rBV7	5878	10162	0.17%	0.016%
40	13.222	1718	1723	1728	rVV	41172	59928	1.03%	0.093%
41	13.346	1736	1744	1749	rBV	102885	167644	2.87%	0.260%
42	13.446	1753	1761	1766	rVB	69654	100803	1.73%	0.156%
43	13.575	1777	1783	1787	rBV6	48091	91690	1.57%	0.142%
44	13.616	1787	1790	1798	rVB4	44844	76559	1.31%	0.119%
45	13.704	1798	1805	1810	rBV	717801	1042856	17.86%	1.618%
46	13.751	1810	1813	1820	rVB2	127347	192144	3.29%	0.298%
47	13.863	1825	1832	1838	rBV	1634464	2260825	38.73%	3.507%
48	13.957	1843	1848	1855	rVB2	117005	176272	3.02%	0.273%
49	14.134	1868	1878	1889	rBV	1950811	2963004	50.75%	4.596%
50	14.228	1889	1894	1895	rVV5	16250	26814	0.46%	0.042%
51	14.257	1895	1899	1903	rVV	142461	217510	3.73%	0.337%
52	14.334	1907	1912	1918	rVB	246231	349839	5.99%	0.543%
53	14.446	1924	1931	1938	rVB	1068258	1623869	27.82%	2.519%
54	14.498	1938	1940	1945	rBV6	5085	8987	0.15%	0.014%
55	14.593	1950	1956	1960	rBV4	24850	38080	0.65%	0.059%
56	14.681	1960	1971	1983	rBV	704603	1309379	22.43%	2.031%
57	14.822	1992	1995	1998	rBV5	6443	9912	0.17%	0.015%
58	14.898	2000	2008	2010	rVV5	42853	78272	1.34%	0.121%
59	14.928	2010	2013	2017	rVB	42768	54971	0.94%	0.085%
60	15.051	2030	2034	2035	rBV3	10069	13651	0.23%	0.021%
61	15.081	2035	2039	2043	rVB3	21564	32903	0.56%	0.051%
62	15.293	2073	2075	2079	rVB4	7476	6549	0.11%	0.010%
63	15.440	2093	2100	2107	rBV	2585165	3596970	61.61%	5.579%
64	15.569	2116	2122	2127	rBV	624360	856720	14.67%	1.329%
65	15.675	2136	2140	2144	rBV5	28246	44085	0.76%	0.068%
66	15.728	2144	2149	2155	rVB	509401	686655	11.76%	1.065%
67	15.863	2168	2172	2175	rVB6	12528	17447	0.30%	0.027%
68	15.898	2175	2178	2181	rBV4	21017	29237	0.50%	0.045%
69	15.934	2181	2184	2193	rVB3	42119	61998	1.06%	0.096%
70	16.163	2219	2223	2230	rBV4	30715	58824	1.01%	0.091%
71	16.604	2295	2298	2304	rBV5	28447	38419	0.66%	0.060%
72	16.851	2335	2340	2350	rBV	909827	1371757	23.50%	2.128%
73	17.104	2380	2383	2390	rVB3	35225	55103	0.94%	0.085%
74	17.198	2391	2399	2404	rBV	1458095	2042504	34.99%	3.168%
75	17.239	2404	2406	2410	rVV2	50413	60883	1.04%	0.094%
76	17.298	2410	2416	2427	rVV	2801860	3911524	67.00%	6.067%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

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

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

77	17.881	2511	2515	2521	rBV4	51197	84163	1.44%	0.131%
78	17.981	2528	2532	2538	rBV3	48057	90399	1.55%	0.140%
79	18.039	2538	2542	2547	rBV	380635	562373	9.63%	0.872%
80	18.098	2547	2552	2566	rVB	1022702	1527654	26.17%	2.369%
81	18.381	2597	2600	2603	rBV4	54755	78568	1.35%	0.122%
82	19.022	2706	2709	2714	rVB2	95092	117044	2.00%	0.182%
83	19.192	2735	2738	2740	rBV2	96668	116259	1.99%	0.180%
84	19.222	2740	2743	2744	rVV2	172400	200882	3.44%	0.312%
85	19.245	2744	2747	2754	rVB	235783	384188	6.58%	0.596%
86	19.333	2759	2762	2771	rVB	224246	315191	5.40%	0.489%
87	19.545	2792	2798	2804	rBV	4038636	5214916	89.33%	8.089%
88	20.233	2912	2915	2922	rVB	336294	457506	7.84%	0.710%
89	20.404	2939	2944	2948	rBV	3289817	4131789	70.77%	6.409%
90	20.445	2948	2951	2958	rVB2	676714	1006936	17.25%	1.562%
91	21.010	3044	3047	3059	rVB	693537	1052806	18.03%	1.633%
92	21.304	3092	3097	3107	rBV	2059720	2729361	46.75%	4.233%
93	23.516	3467	3473	3485	rVB2	2911891	5838040	100.00%	9.055%
94	23.669	3493	3499	3507	rVB	1460492	2739837	46.93%	4.250%

Sum of corrected areas: 64473080

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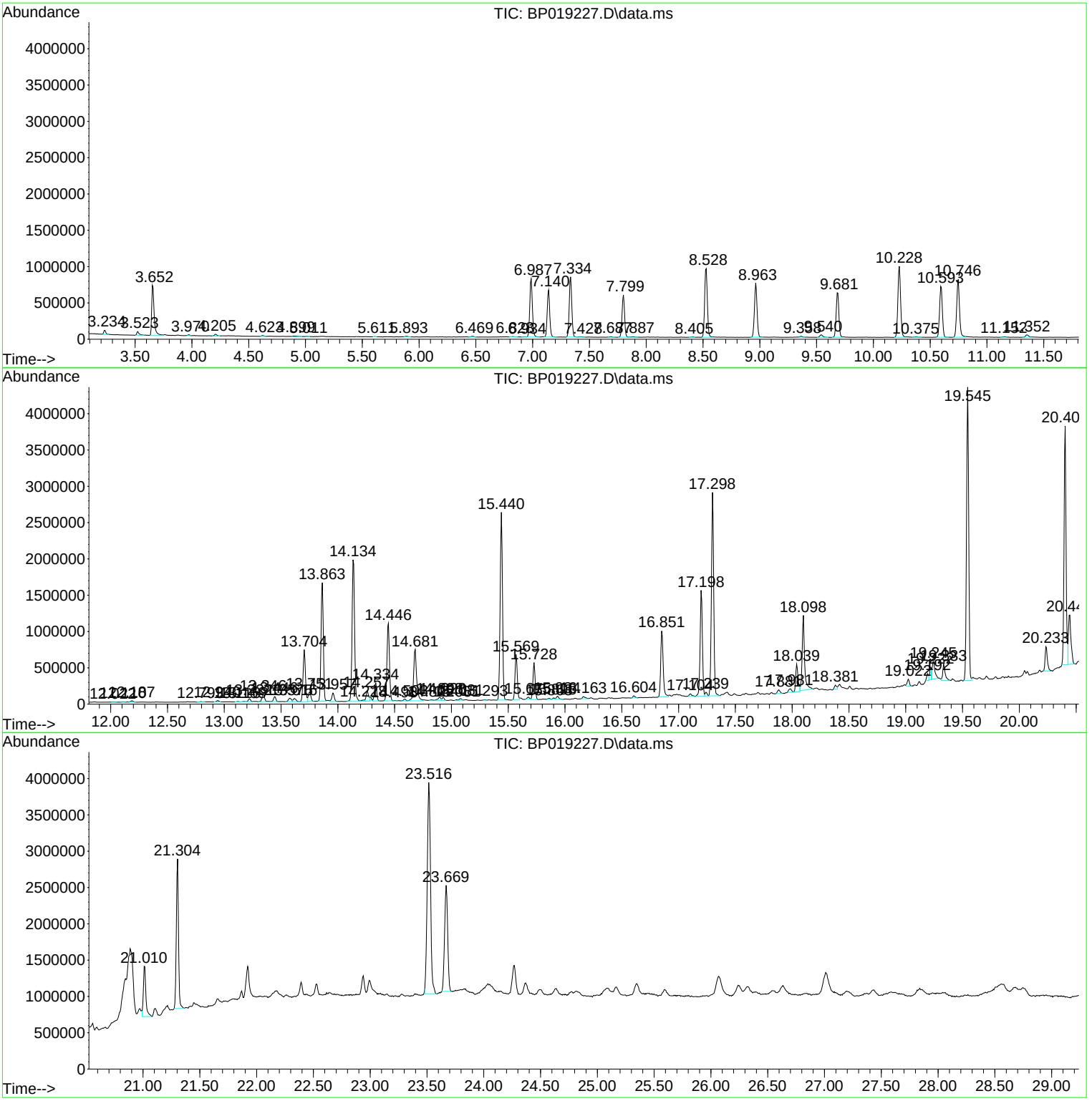
Instrument :
BNA_P
ClientSampleId :
GCF53

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 : BP019227.D
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Operator : MA/JU
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

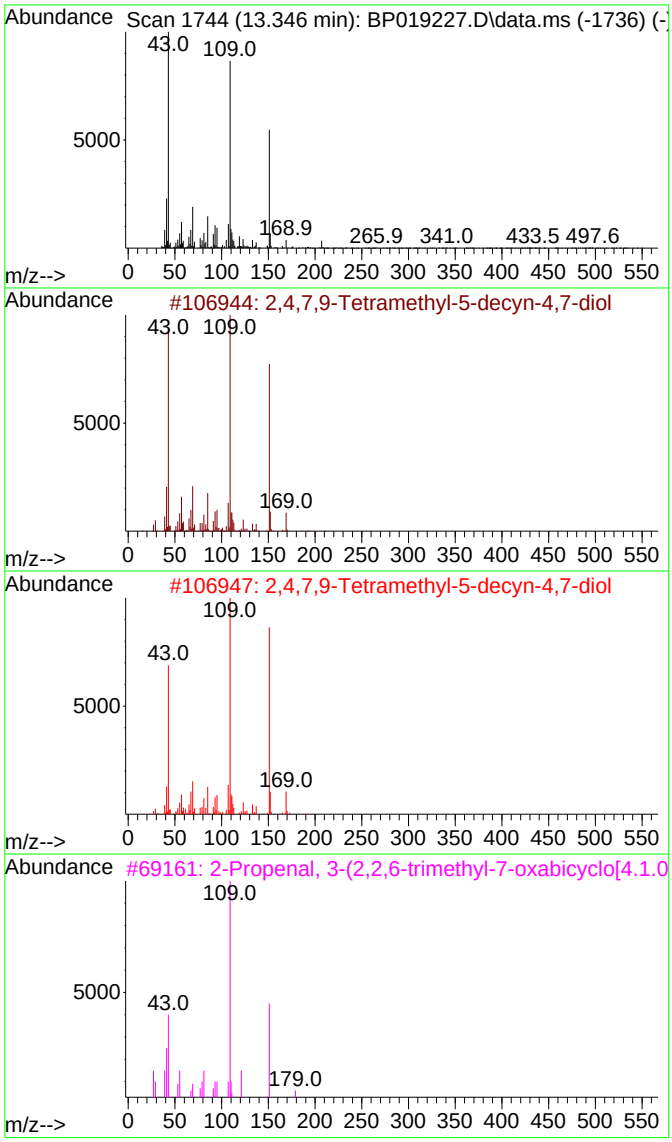
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

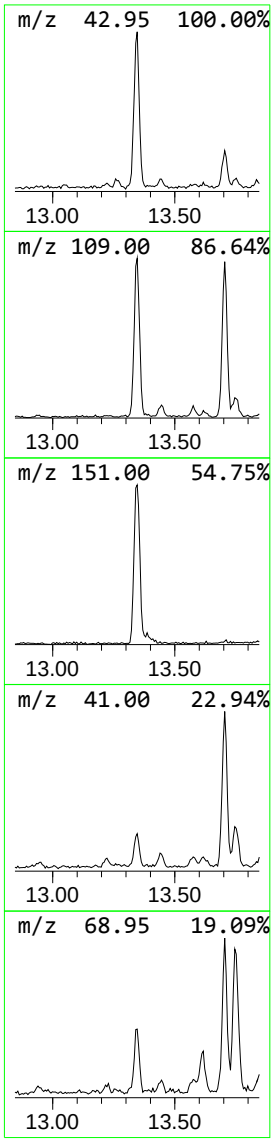
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.346	2.06 ng/ul	167644	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019227.D
Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

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

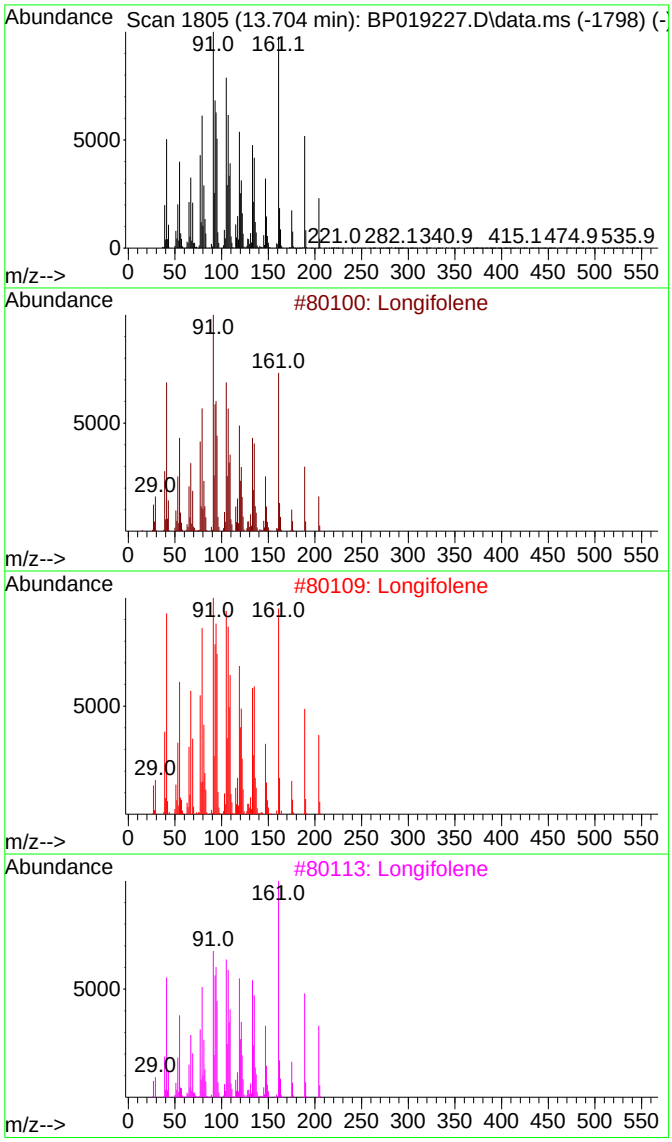
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

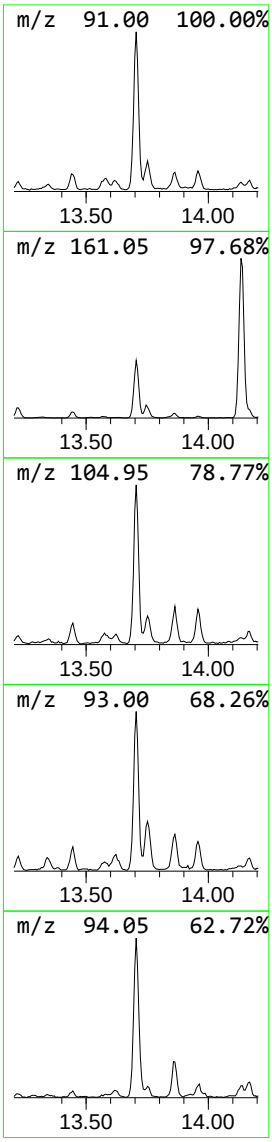
****

Peak Number 2 Longifolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	12.84 ng/ul	1042860	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	98
4	Longifolene	204	C15H24	000475-20-7	98
5	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97





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Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

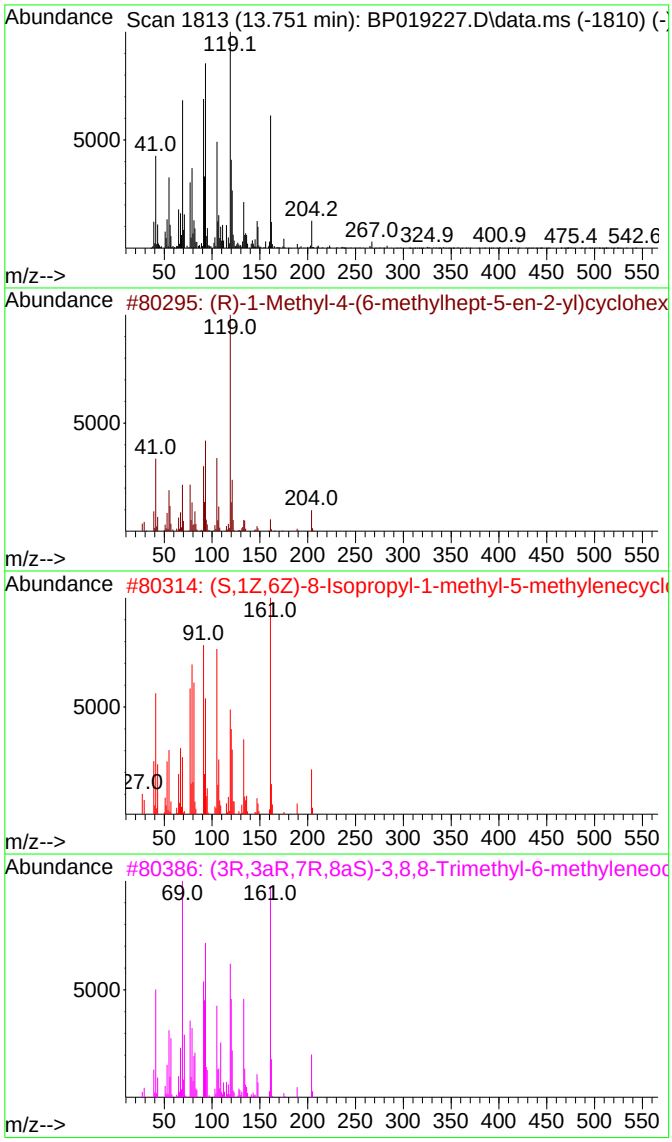
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

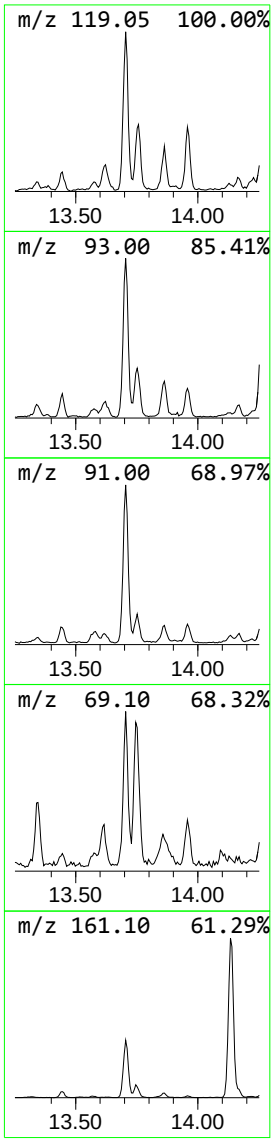
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (R)-1-Methyl-4-(6-methylhep... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	2.37 ng/ul	192144	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	86
2	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	86
3	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	58
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	55
5	.alpha.-Cuprenene	204	C15H24	029621-78-1	55





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ALS Vial : 28 Sample Multiplier: 1

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

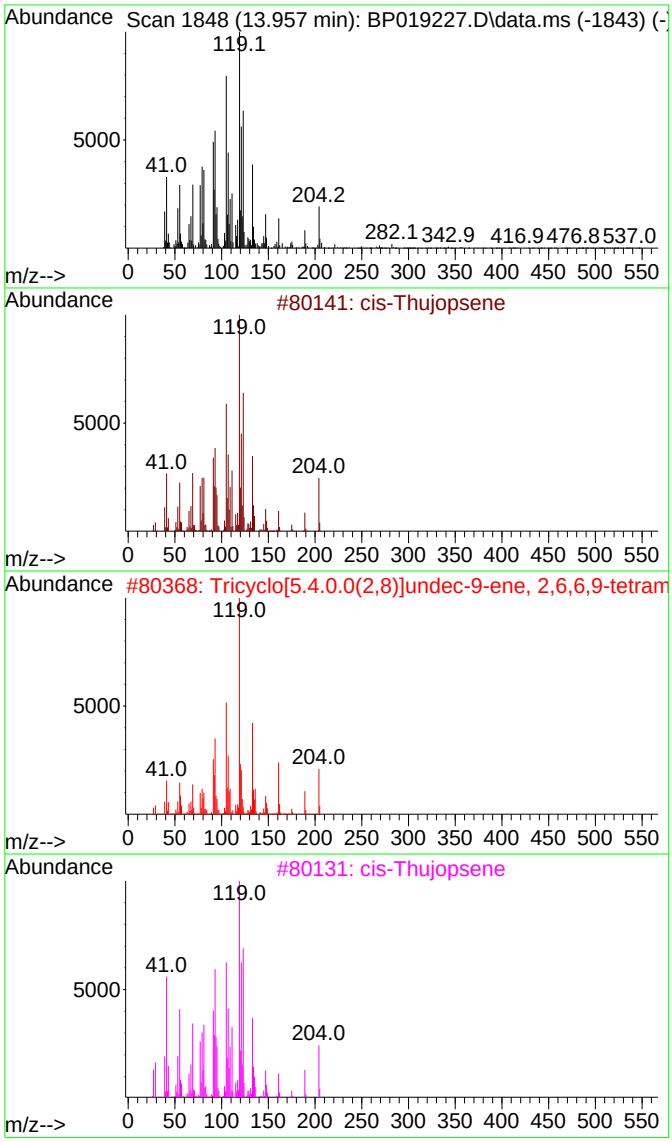
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

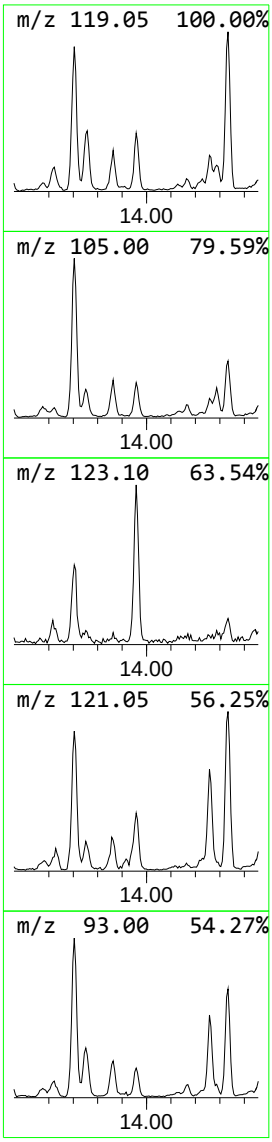
****

Peak Number 4 cis-Thujopsene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	2.17 ng/ul	176272	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	97
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	93
3	cis-Thujopsene	204	C15H24	000470-40-6	86
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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Data File : BP019227.D
Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

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

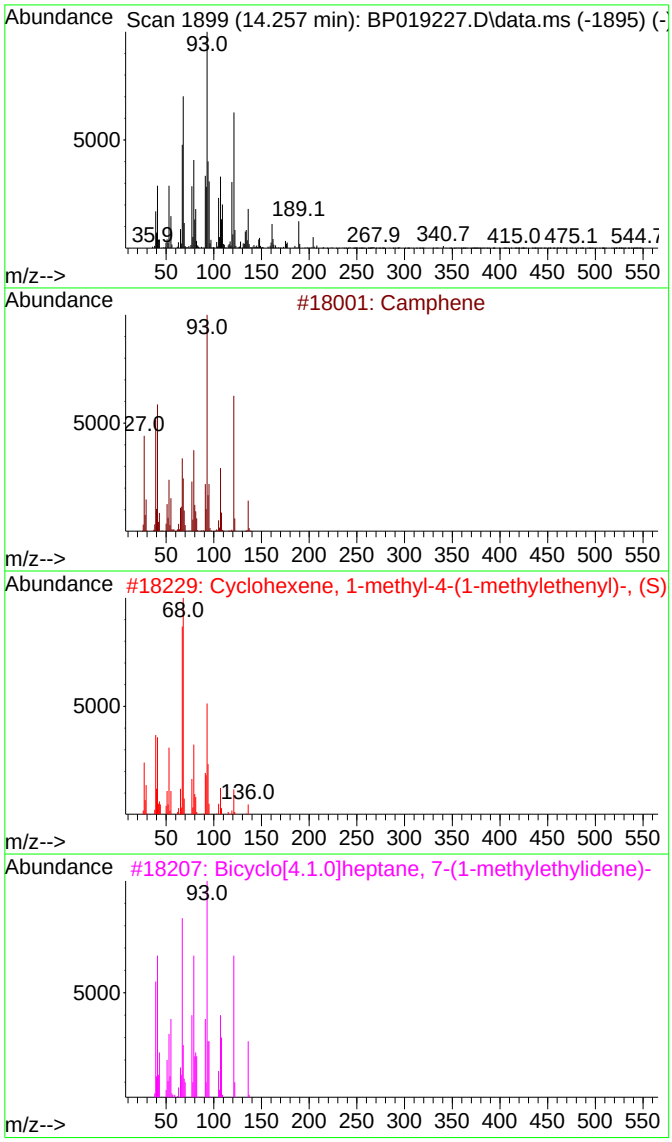
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

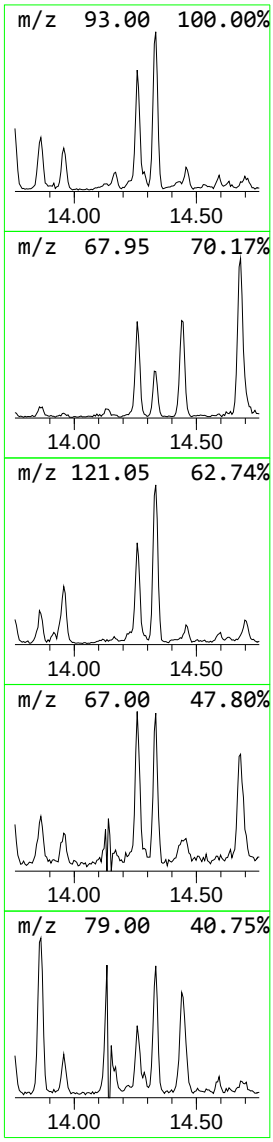
****

Peak Number 5 Camphene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	2.68 ng/ul	217510	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	86
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	76
3	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	70
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	60
5	Camphene	136	C10H16	000079-92-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019227.D
Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

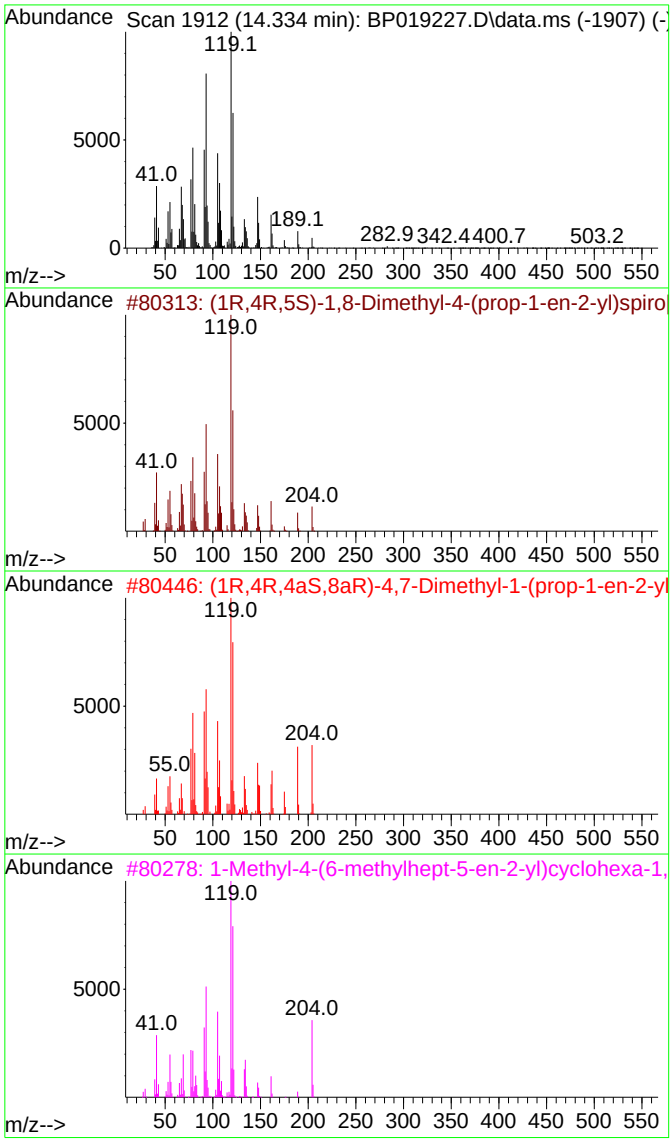
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

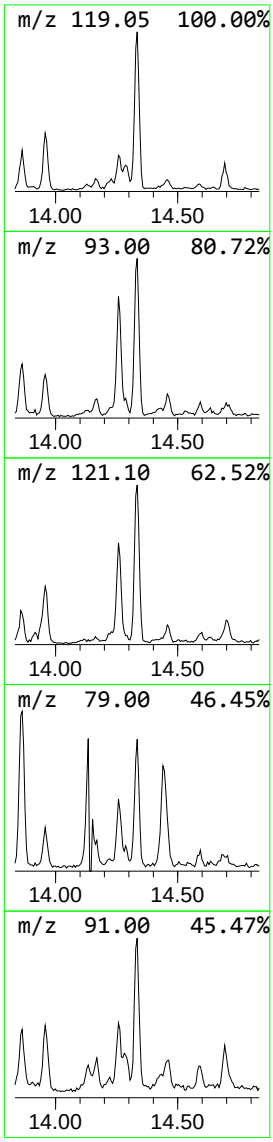
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	4.31 ng/ul	349839	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	95
2	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	90
3	1-Methyl-4-(6-methylhept-5-en-2-...	204	C15H24	000451-55-8	70
4	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	70
5	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	64





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Acq On : 03 Jan 2024 01:59
Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

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

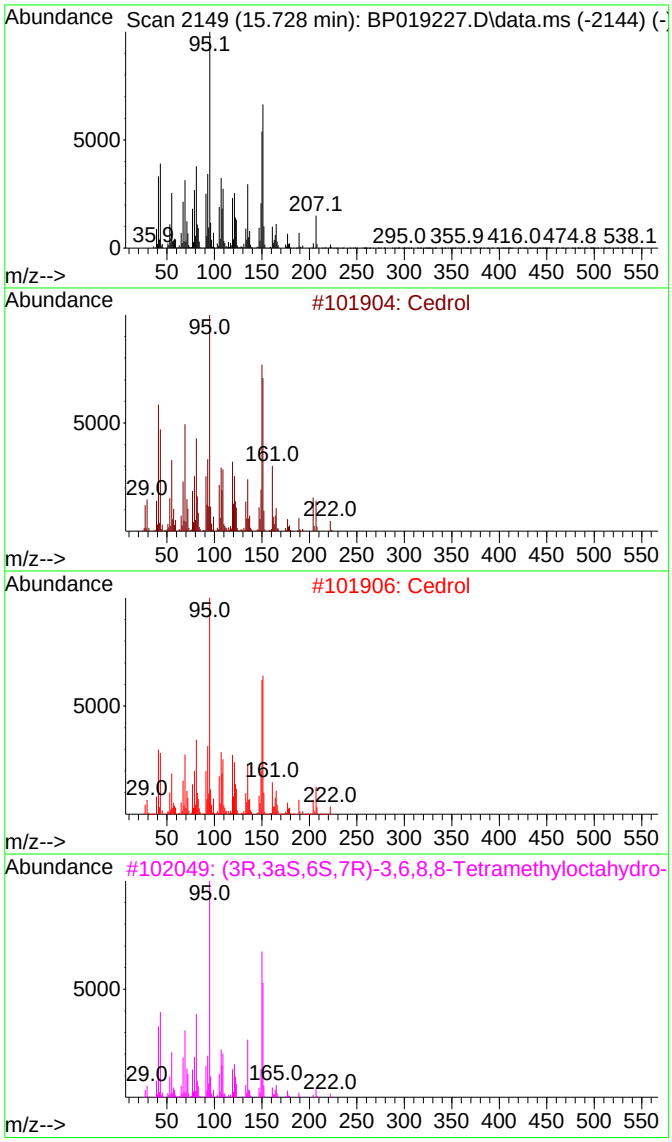
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

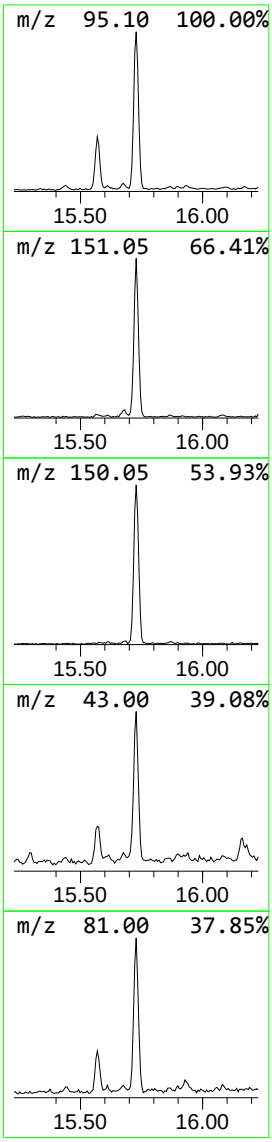
****

Peak Number 7 Cedrol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	8.46 ng/ul	686655	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	93
2	Cedrol	222	C15H26O	000077-53-2	91
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	89
4	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	87
5	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	87





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Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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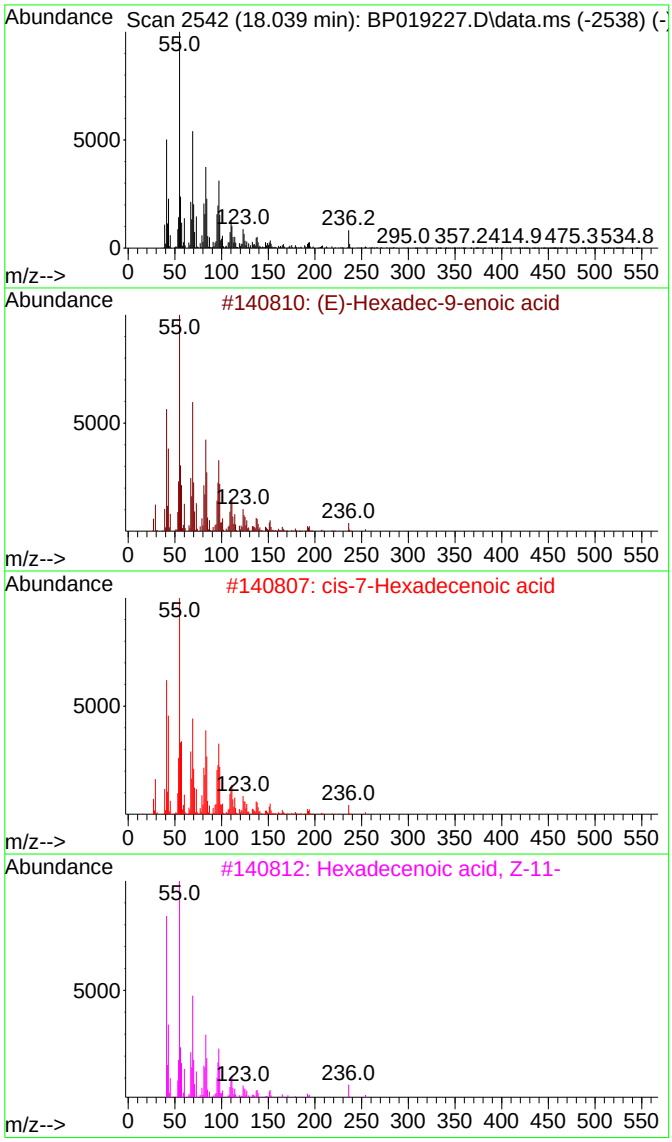
Quant Title : SVOA CALIBRATION

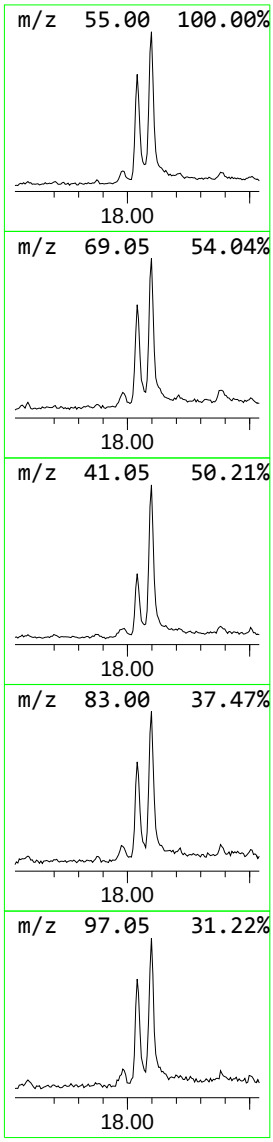
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (E)-Hexadec-9-enoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	5.51 ng/ul	562373	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	93
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	90





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Operator : MA/JU
Sample : 05919-21
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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

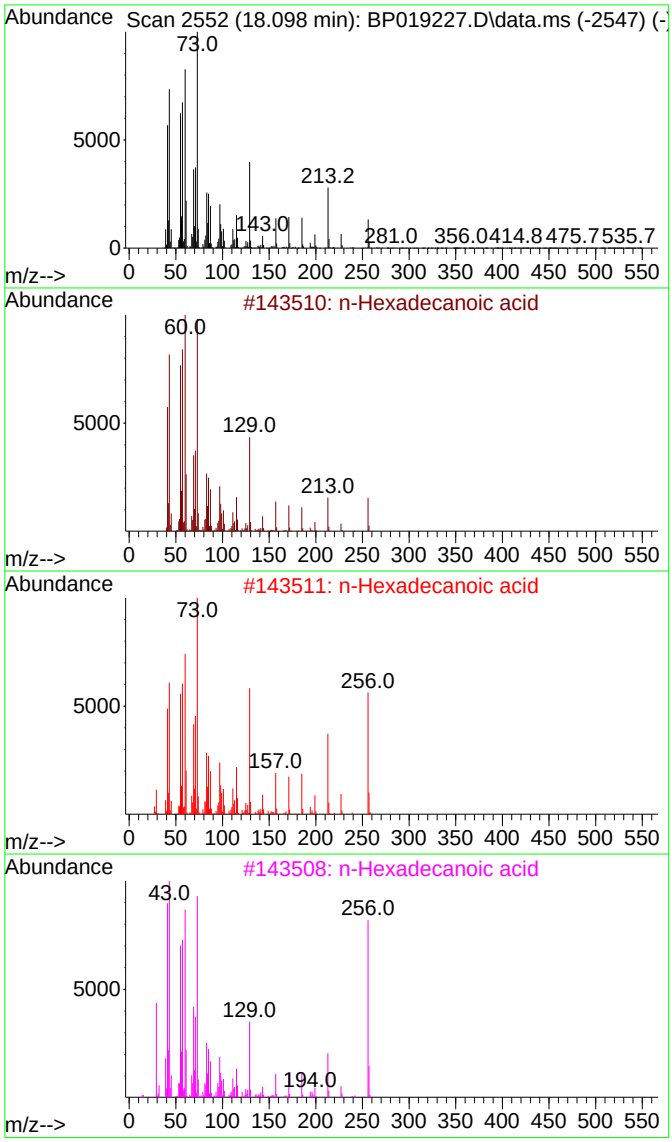
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

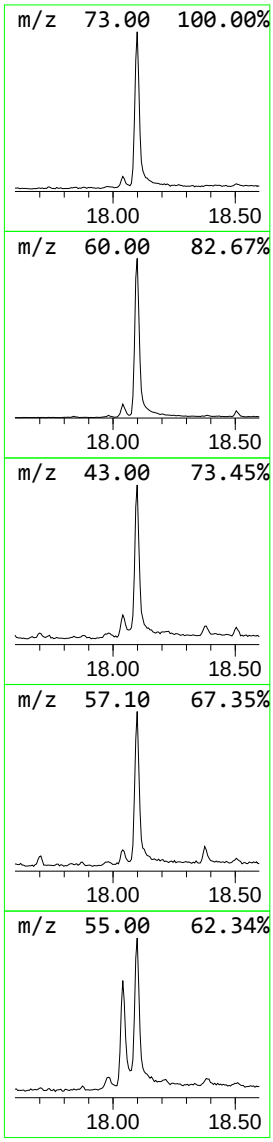
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	14.96 ng/ul	1527650	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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF53

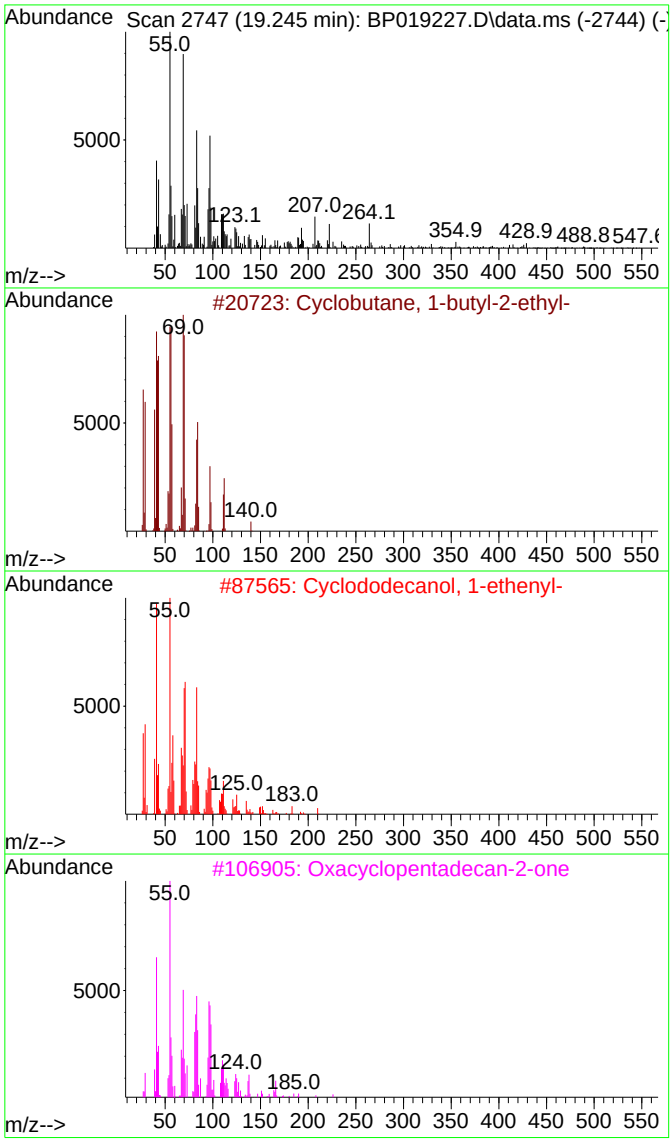
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

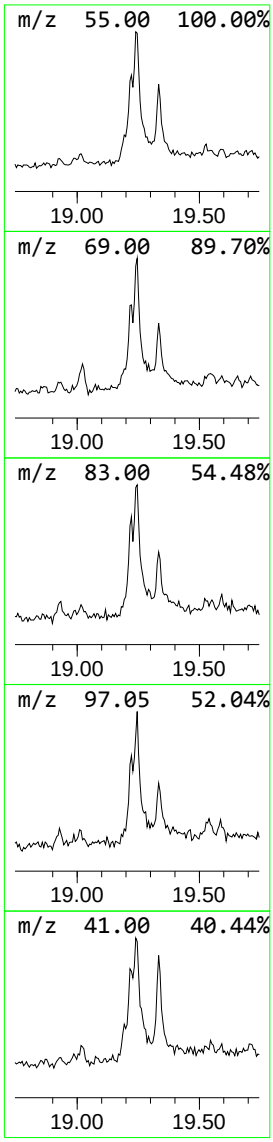
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic19.245 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	3.76 ng/ul	384188	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	46
2	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	44
3	Oxacyclopentadecan-2-one	226	C14H26O2	003537-83-5	44
4	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	41
5	1-Tridecene	182	C13H26	002437-56-1	38





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Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

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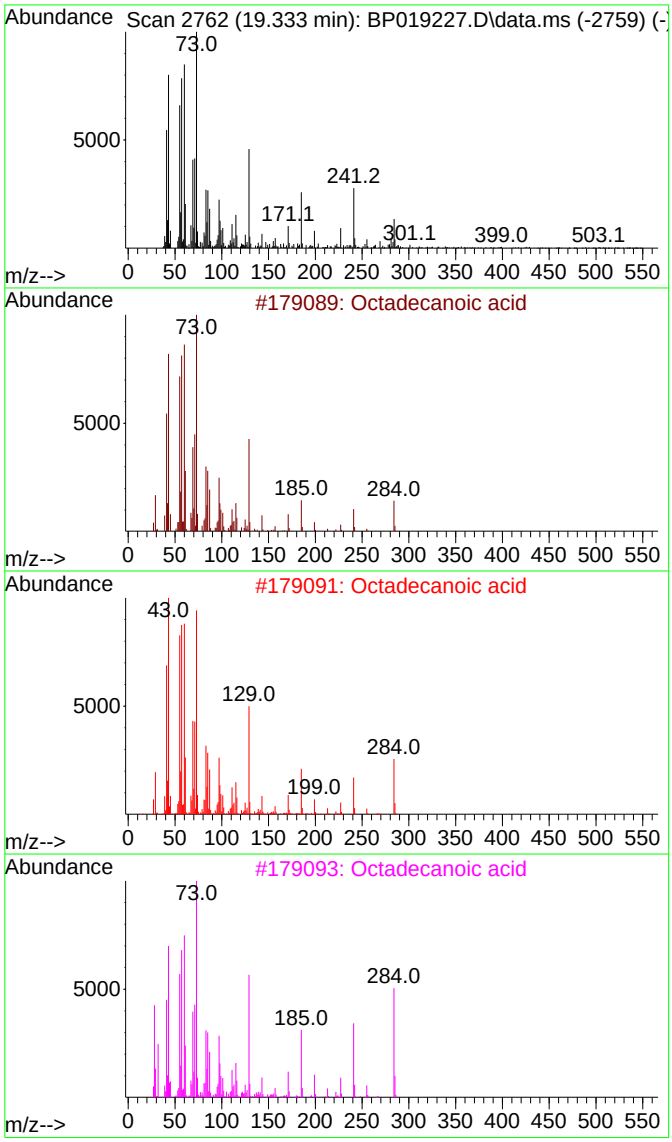
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

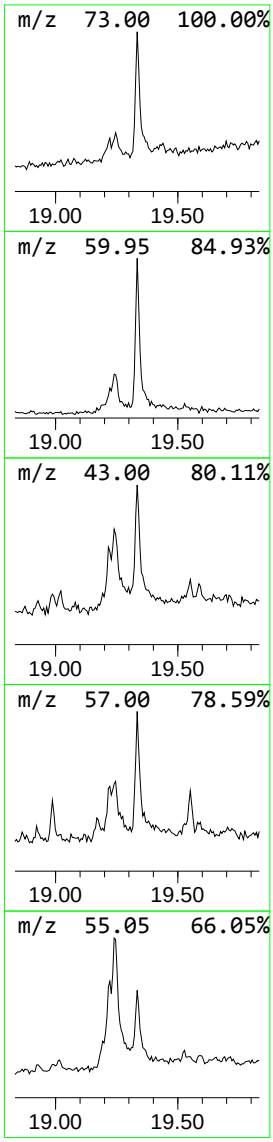
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.334	2.31 ng/ul	315191	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	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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Operator : MA/JU
Sample : 05919-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

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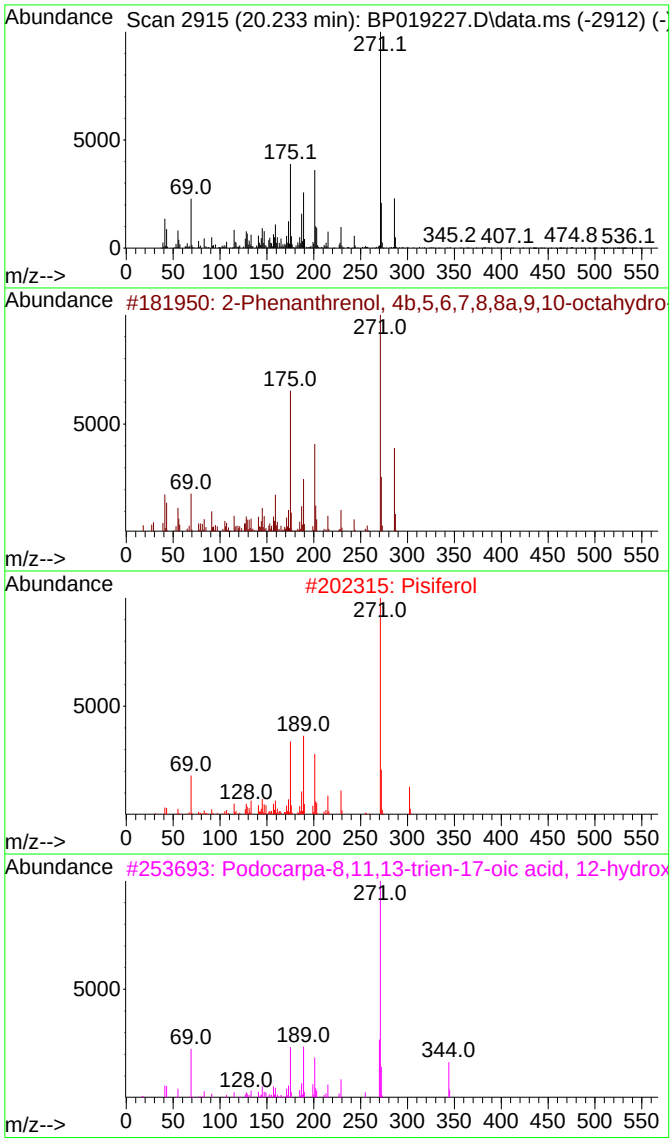
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

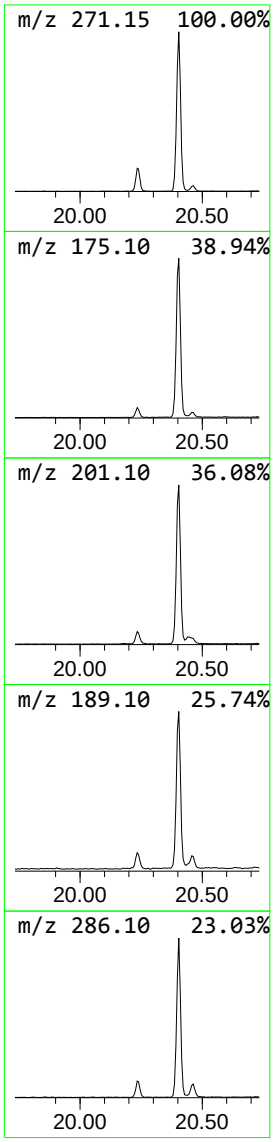
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	3.35 ng/ul	457506	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	89
2	Pisiferol	302	C20H30O2	024035-36-7	64
3	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	53
4	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	49
5	Silane, dimethyl(3-methylbut-2-e...	286	C16H34O2Si	1000347-96-9	47





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

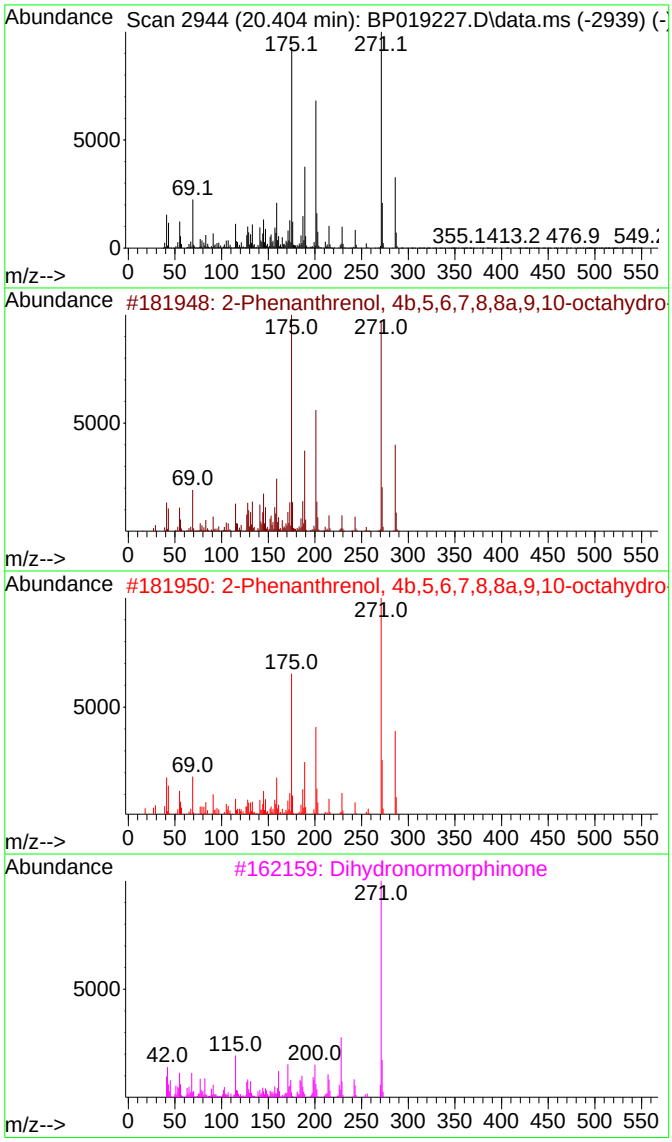
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

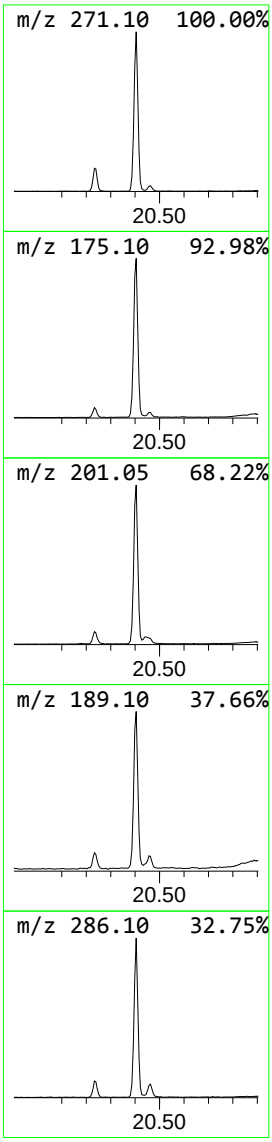
****

Peak Number 13 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	30.28 ng/ul	4131790	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	Dihydronormorphinone	271	C16H17NO3	014696-23-2	22
4	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	22
5	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	22





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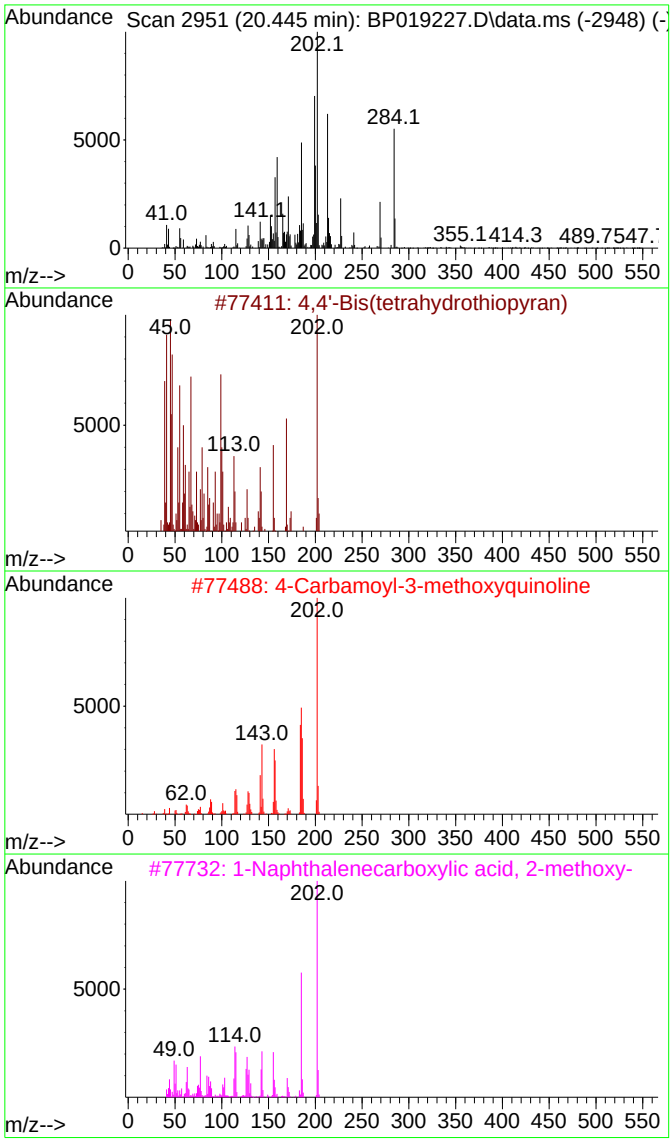
Quant Title : SVOA CALIBRATION

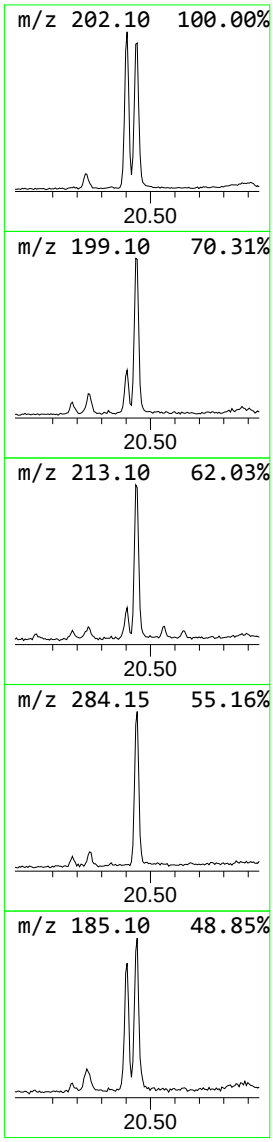
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	7.38 ng/ul	1006940	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	4-Carbamoyl-3-methoxyquinoline	202	C11H10N2O2	020844-05-7	20
3	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	20
4	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	18
5	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	18





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Quant Title : SVOA CALIBRATION

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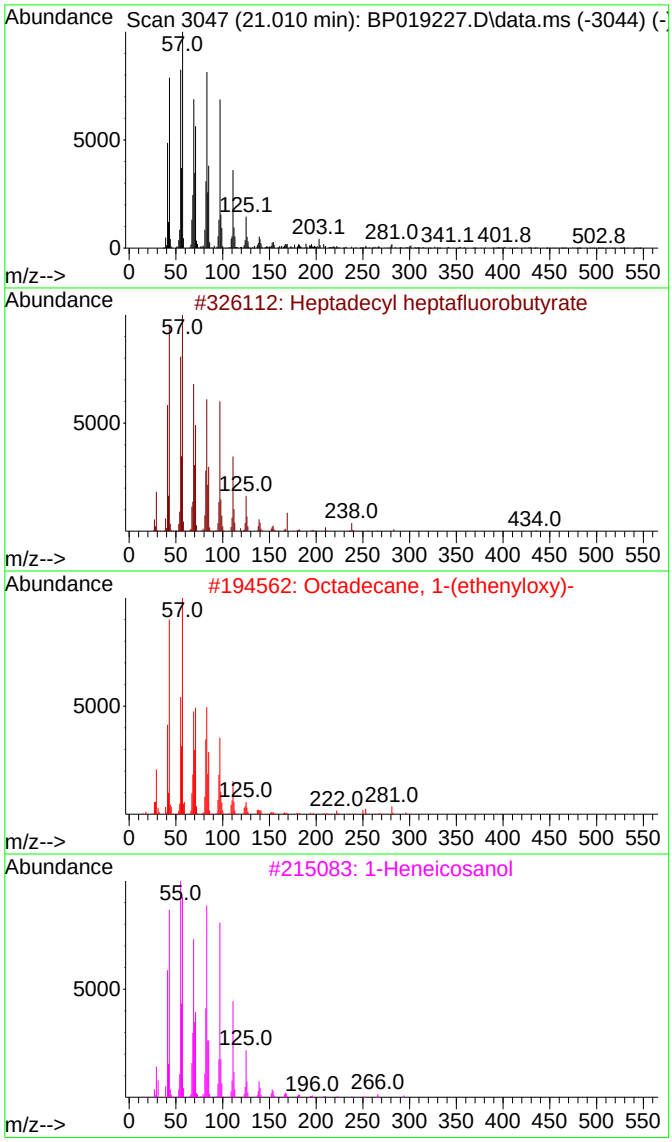
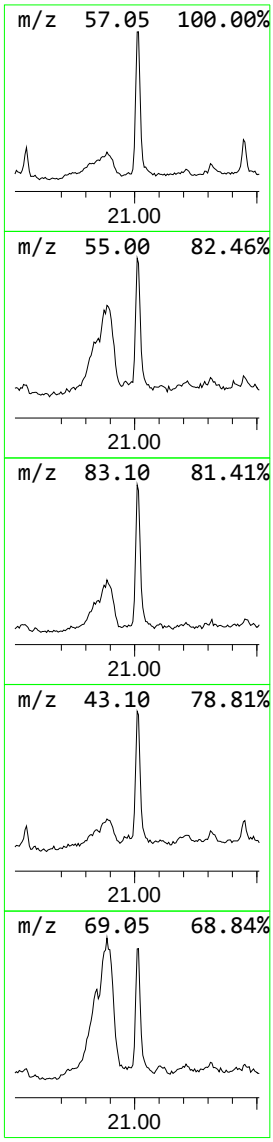
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	7.71 ng/ul	1052810	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

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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
2,4,7,9-Tetrame...	13.346	2.1	ng/ul	167644	3	14.445	1623870	20.0
Longifolene	13.704	12.8	ng/ul	1042860	3	14.445	1623870	20.0
(R)-1-Methyl-4-...	13.751	2.4	ng/ul	192144	3	14.445	1623870	20.0
cis-Thujopsene	13.957	2.2	ng/ul	176272	3	14.445	1623870	20.0
Camphene	14.257	2.7	ng/ul	217510	3	14.445	1623870	20.0
(1R,4R,5S)-1,8-...	14.334	4.3	ng/ul	349839	3	14.445	1623870	20.0
Cedrol	15.728	8.5	ng/ul	686655	3	14.445	1623870	20.0
(E)-Hexadec-9-e...	18.039	5.5	ng/ul	562373	4	17.198	2042500	20.0
n-Hexadecanoic ...	18.098	15.0	ng/ul	1527650	4	17.198	2042500	20.0
(DEL) Alkane: C...	19.245	3.8	ng/ul	384188	4	17.198	2042500	20.0
Octadecanoic acid	19.334	2.3	ng/ul	315191	5	21.304	2729360	20.0
2-Phenanthrenol...	20.233	3.4	ng/ul	457506	5	21.304	2729360	20.0
unknown-01	20.404	30.3	ng/ul	4131790	5	21.304	2729360	20.0
4,4'-Bis(tetrah...	20.445	7.4	ng/ul	1006940	5	21.304	2729360	20.0
Heptadecyl hept...	21.010	7.7	ng/ul	1052810	5	21.304	2729360	20.0