LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREP3

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-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	38	42	49	rVB	33603	53191	1.13%	0.072%
2	3.887	116	119	131	rBV	60812	98388	2.09%	0.133%
3	3.981	131	135	144	rVB	38576	57831	1.23%	0.078%
4	4.111	152	157	163	rVB	36174	58103	1.24%	0.078%
5	4.211	169	174	182	rVB	53425	80977	1.72%	0.109%
6	4.670	248	252	258	rVB	60388	82908	1.77%	0.112%
7	5.164	329	336	342	rBV	27420	46548	0.99%	0.063%
8	5.781	437	441	446	rVB	27960	40388	0.86%	0.054%
9	6.617	577	583	590	rBV	58034	92457	1.97%	0.125%
10	6.781	603	611	618	rVV	339831	518984	11.05%	0.699%
11	7.093	659	664	670	rVB	106669	163650	3.48%	0.221%
12	7.228	679	687	689	rBV	50891	75159	1.60%	0.101%
13	7.275	689	695	713	rVB	755636	1254251	26.70%	1.690%
14	7.446	713	724	733	rBV	615037	1091826	23.25%	1.471%
15	7.646	751	758	767	rBV	773909	1239477	26.39%	1.670%
16	8.016	815	821	828	rVB2	35245	56245	1.20%	0.076%
17	8.122	828	839	848	rBV	885777	1439786	30.66%	1.940%
18	8.258	854	862	871	rVV	413156	622957	13.26%	0.840%
19	8.346	871	877	882	rVV	44350	71823	1.53%	0.097%
20	8.793	946	953	955	rBV2	66825	100442	2.14%	0.135%
21	8.834	955	960	970	rVB	614010	1019031	21.70%	1.373%
22	8.958	975	981	989	rVV	147220	241472	5.14%	0.325%
23	9.299	1033	1039	1048	rVV	791363	1326686	28.25%	1.788%
24	9.381	1048	1053	1062	rVV2	16418	39657	0.84%	0.053%
25	9.693	1099	1106	1115	rVB	162047	249642	5.32%	0.336%
26	9.858	1129	1134	1144	rBV6	18560	45581	0.97%	0.061%
27	10.028	1155	1163	1175	rBV	684971	1164082	24.79%	1.569%
28	10.175	1181	1188	1196	rBV	28755	63608	1.35%	0.086%
29	10.252	1196	1201	1205	rVV8	19316	44524	0.95%	0.060%
30	10.305	1205	1210	1215	rVV	61043	105833	2.25%	0.143%
31	10.363	1215	1220	1232	rVB8	26485	78229	1.67%	0.105%
32	10.569	1247	1255	1272	rVV	992929	1733865	36.92%	2.337%
33	10.728	1276	1282	1290	rVV2	35939	88347	1.88%	0.119%
34	10.810	1290	1296	1313	rVB2	205733	370822	7.90%	0.500%
35	10.952	1313	1320	1325	rBV	1288825	2122725	45.20%	2.861%
36	11.005	1325	1329	1337	rVB	237863	360480	7.68%	0.486%

LSC Area Percent Report

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Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREP3

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-BP051123.MA.M
Title : SVOA CALIBRATION

37	11.087	1337	1343	1357	rBV	646762	1158463	24.67%	1.561%
38	11.487	1406	1411	1419	rBV9	13172	29748	0.63%	0.040%
39	11.734	1447	1453	1466	rBV4	18276	46201	0.98%	0.062%
40	12.187	1525	1530	1536	rVB2	121586	180597	3.85%	0.243%
41	12.422	1564	1570	1577	rVV3	20672	42915	0.91%	0.058%
42	12.610	1596	1602	1608	rVB7	20533	37134	0.79%	0.050%
43	13.275	1710	1715	1724	rBV10	16508	30782	0.66%	0.041%
44	13.446	1738	1744	1749	rBV5	25191	40177	0.86%	0.054%
45	13.646	1770	1778	1782	rBV2	51407	88891	1.89%	0.120%
46	13.863	1810	1815	1821	rBV2	32154	42383	0.90%	0.057%
47	14.034	1838	1844	1849	rBV2	69935	105080	2.24%	0.142%
48	14.163	1859	1866	1872	rBV	2143917	2993137	63.73%	4.034%
49	14.457	1909	1916	1928	rVB	2296278	3354727	71.43%	4.521%
50	14.763	1961	1968	1975	rVV	1989938	2897222	61.69%	3.905%
51	14.834	1975	1980	1991	rVB7	19900	39130	0.83%	0.053%
52	14.951	1991	2000	2017	rBV	726754	1221417	26.01%	1.646%
53	15.104	2022	2026	2032	rVV	39854	79334	1.69%	0.107%
54	15.169	2032	2037	2046	rVV7	30619	78231	1.67%	0.105%
55	15.287	2054	2057	2067	rVV8	23896	36931	0.79%	0.050%
56	15.704	2123	2128	2131	rBV	94599	133174	2.84%	0.179%
57	15.751	2131	2136	2143	rVB	2915434	4157518	88.52%	5.603%
58	15.869	2150	2156	2165	rBV	800961	1101975	23.46%	1.485%
59	15.987	2173	2176	2183	rVB3	21821	36626	0.78%	0.049%
60	16.116	2189	2198	2208	rVB	404618	603922	12.86%	0.814%
61	16.957	2336	2341	2346	rBV2	95485	125180	2.67%	0.169%
62	17.040	2351	2355	2362	rVB2	66767	95502	2.03%	0.129%
63	17.510	2429	2435	2442	rBV	2276298	3379327	71.95%	4.554%
64	17.610	2446	2452	2459	rBV	3043336	4310273	91.77%	5.809%
65	18.028	2519	2523	2529	rVB2	85126	113774	2.42%	0.153%
66	18.204	2549	2553	2557	rBV5	47080	65270	1.39%	0.088%
67	18.257	2558	2562	2568	rVV4	44000	79357	1.69%	0.107%
68	18.369	2576	2581	2589	rBV	803747	1132067	24.10%	1.526%
69	18.439	2589	2593	2598	rVV	643235	771736	16.43%	1.040%
70	18.534	2606	2609	2613	rVB2	57175	68427	1.46%	0.092%
71	18.651	2625	2629	2632	rBV4	55815	78227	1.67%	0.105%
72	18.745	2642	2645	2649	rBV	46420	48507	1.03%	0.065%
73	18.863	2660	2665	2671	rBV	1507895	1728065	36.79%	2.329%
74	18.928	2672	2676	2682	rVV3	147055	241583	5.14%	0.326%
75	18.981	2682	2685	2692	rVV2	130192	202970	4.32%	0.274%
76	19.039	2692	2695	2697	rVV4	53433	71604	1.52%	0.097%

LSC Area Percent Report

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Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JREP3

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-BP051123.MA.M
Title : SVOA CALIBRATION

77	19.075	2697	2701	2707	rVB	183879	244129	5.20%	0.329%
78	19.222	2720	2726	2733	rBV	963881	1736293	36.97%	2.340%
79	19.304	2737	2740	2744	rVB	229697	274248	5.84%	0.370%
80	19.545	2778	2781	2785	rBV2	88257	112506	2.40%	0.152%
81	19.592	2785	2789	2793	rBV	360704	493134	10.50%	0.665%
82	19.692	2803	2806	2810	rVB2	94491	111439	2.37%	0.150%
83	19.833	2824	2830	2835	rBV	3514467	4696708	100.00%	6.330%
84	19.986	2853	2856	2860	rBV3	93840	139511	2.97%	0.188%
85	20.045	2862	2866	2874	rVV4	336275	496465	10.57%	0.669%
86	20.351	2915	2918	2925	rVB3	281201	399076	8.50%	0.538%
87	20.492	2938	2942	2949	rVB	767592	884378	18.83%	1.192%
88	20.763	2984	2988	2992	rVB	582822	665058	14.16%	0.896%
89	20.810	2993	2996	3007	rVB5	235402	388958	8.28%	0.524%
90	20.986	3021	3026	3036	rBV2	483098	902289	19.21%	1.216%
91	21.139	3048	3052	3056	rBV	1008950	1297145	27.62%	1.748%
92	21.216	3062	3065	3068	rBV3	214631	290676	6.19%	0.392%
93	21.263	3068	3073	3084	rVB3	1655041	2715464	57.82%	3.660%
94	21.516	3113	3116	3119	rBV2	275171	326735	6.96%	0.440%
95	21.586	3124	3128	3135	rVB	1938878	2599225	55.34%	3.503%
96	22.198	3228	3232	3235	rBV	541070	665412	14.17%	0.897%
97	22.233	3235	3238	3244	rVB	300597	453134	9.65%	0.611%
98	23.322	3419	3423	3428	rVB	464436	714889	15.22%	0.963%
99	23.980	3528	3535	3545	rVB	1749177	3762162	80.10%	5.070%
100	24.151	3557	3564	3572	rVB	1156296	2482903	52.86%	3.346%

Sum of corrected areas: 74199496

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
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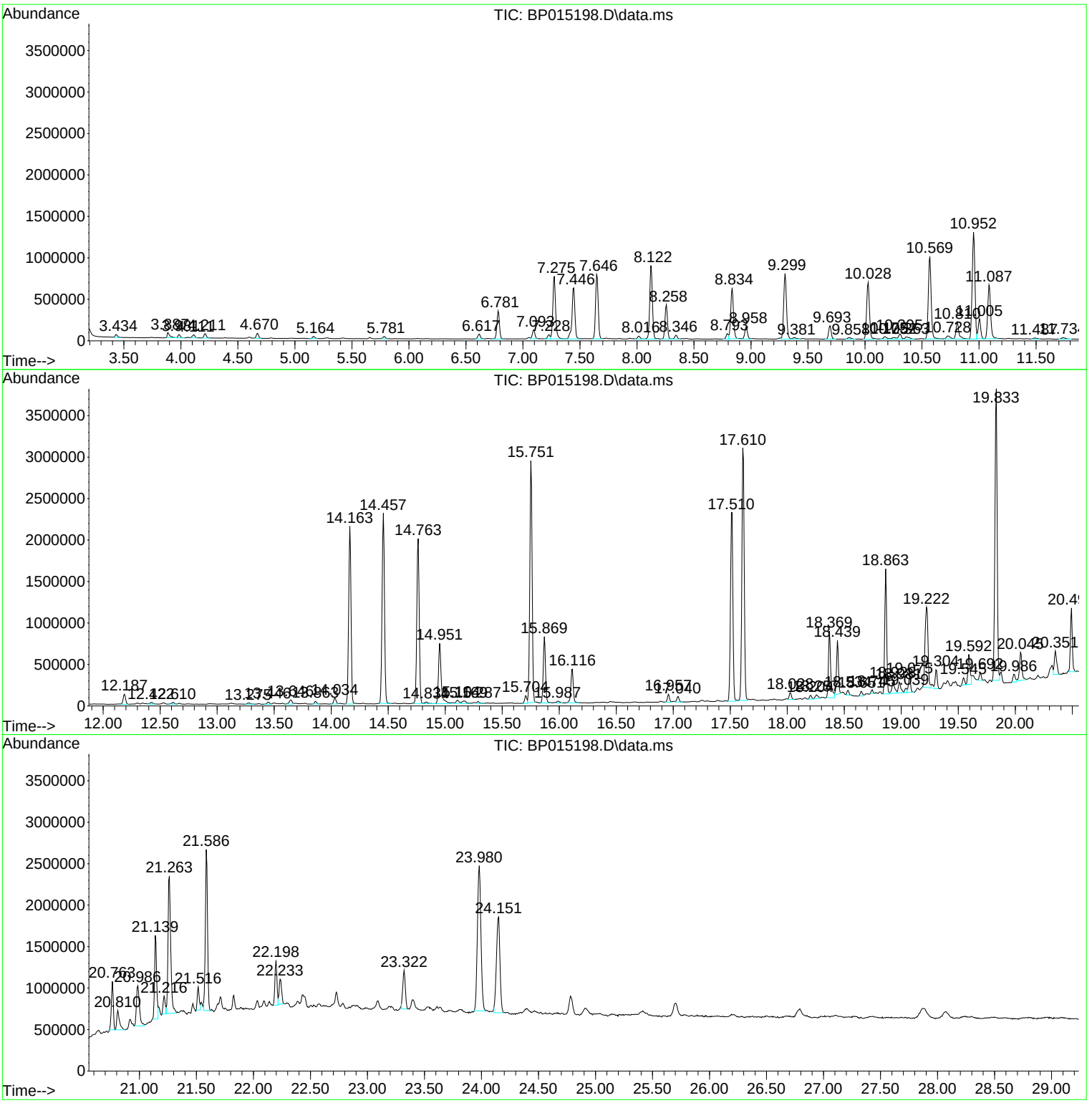
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

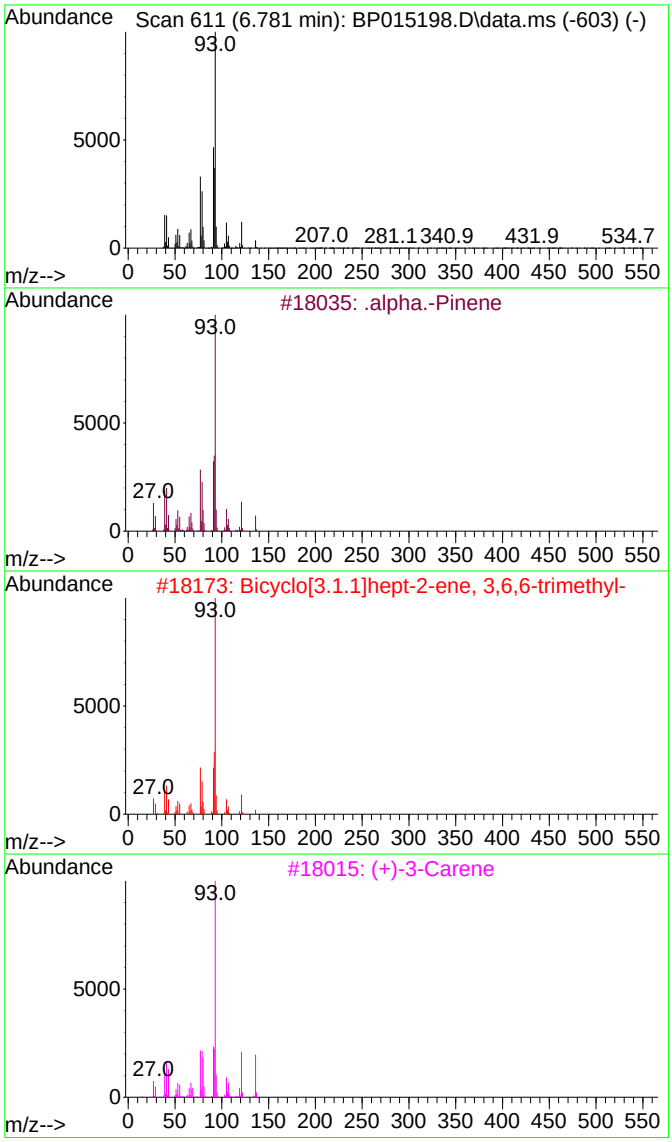
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

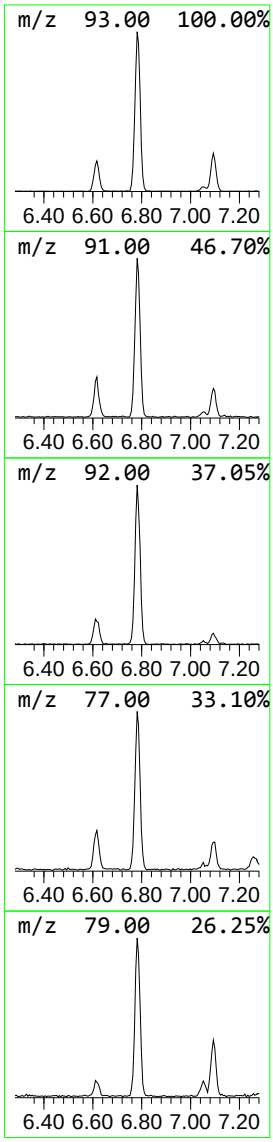
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	7.21 ng/ul	518984	1,4-Dichlorobenzene-d4	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	(+)-3-Carene	136	C10H16	000498-15-7	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

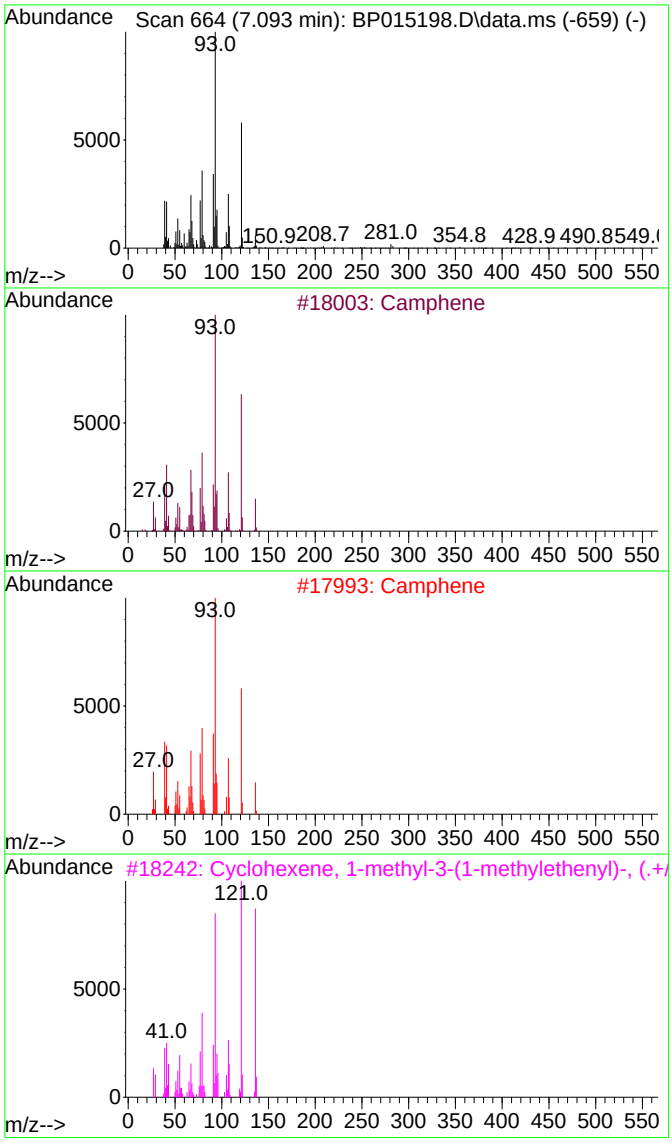
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

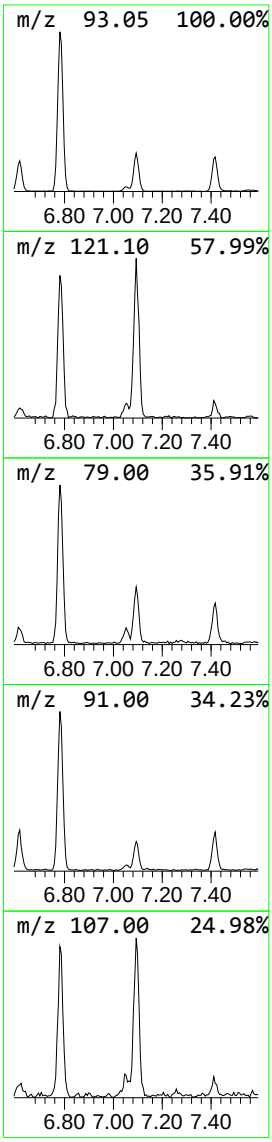
****

Peak Number 2 Camphene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.093	2.27 ng/ul	163650	1,4-Dichlorobenzene-d4	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	90
2	Camphene	136	C10H16	000079-92-5	90
3	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	70
4	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	58
5	Santolina triene	136	C10H16	002153-66-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

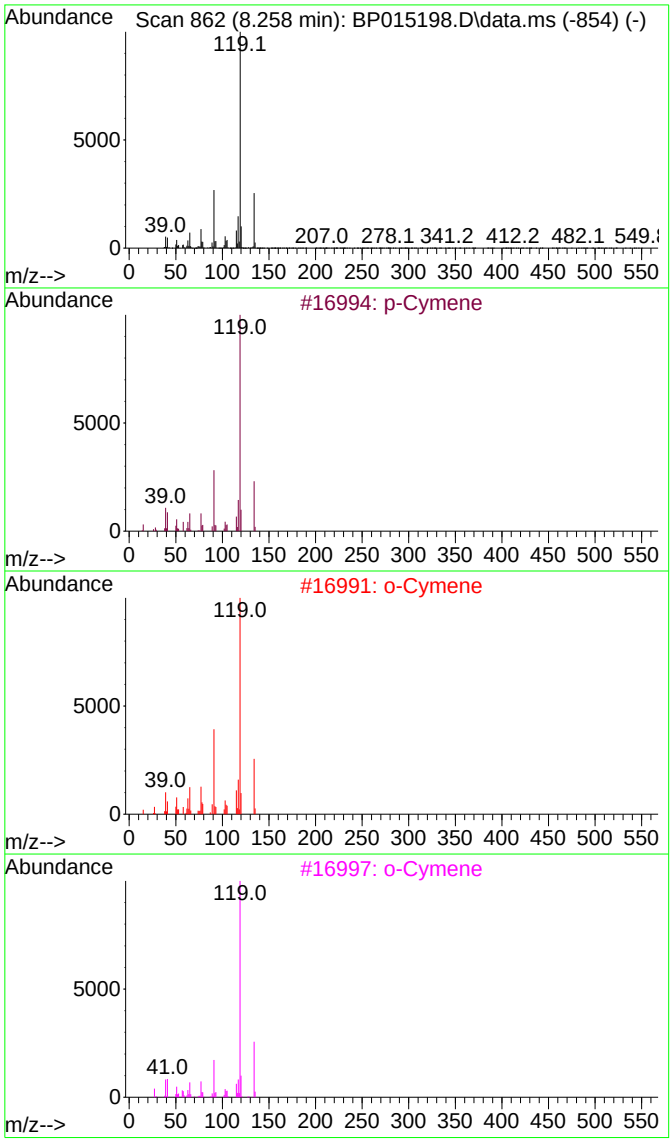
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

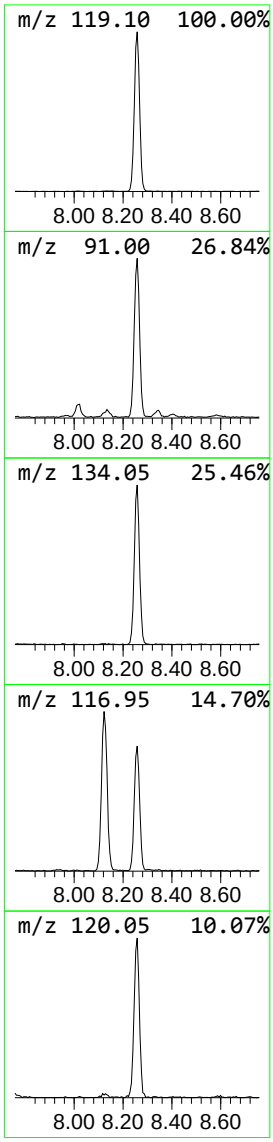
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.258	8.65 ng/ul	622957	1,4-Dichlorobenzene-d4	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94





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Instrument :
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ClientSampleId :
JREP3

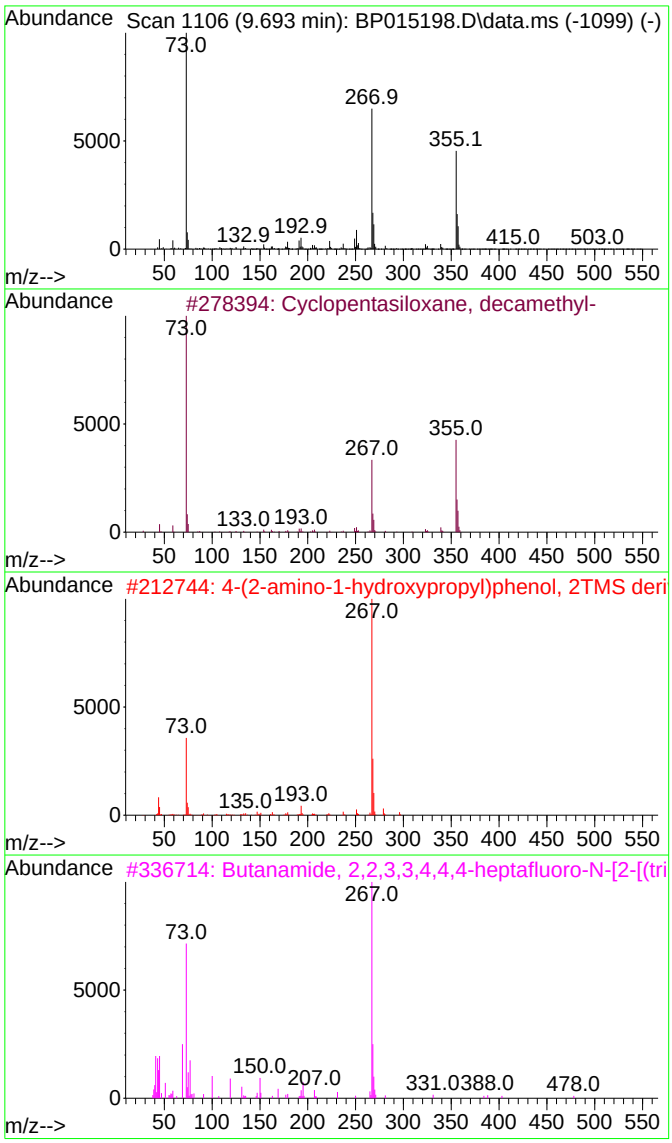
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

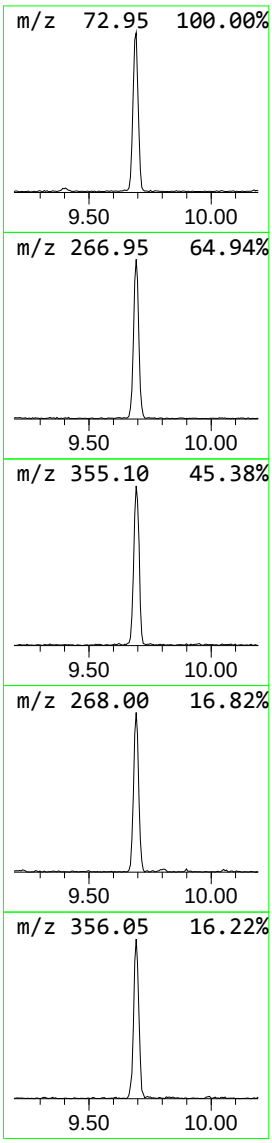
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.693	2.35 ng/ul	249642	Naphthalene-d8	10.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	81
2	4-(2-amino-1-hydroxypropyl)pheno...	311	C15H29NO2Si2	1000478-98-6	49
3	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	45
4	Octopamine, 3TMS derivative	369	C17H35NO2Si3	068595-60-8	43
5	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

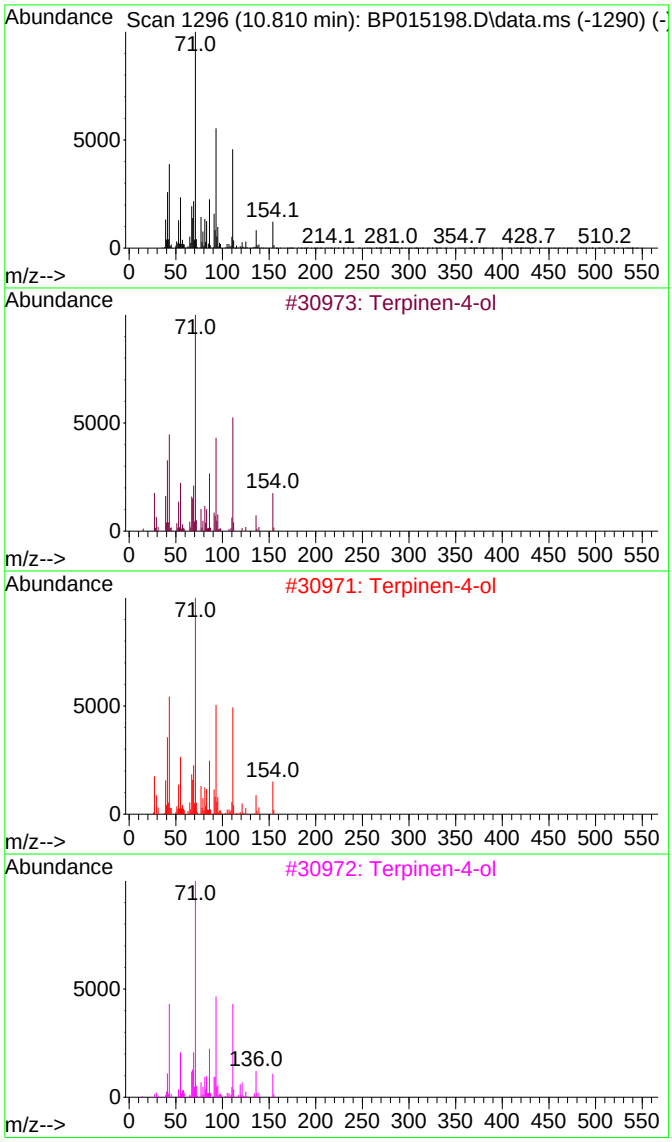
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

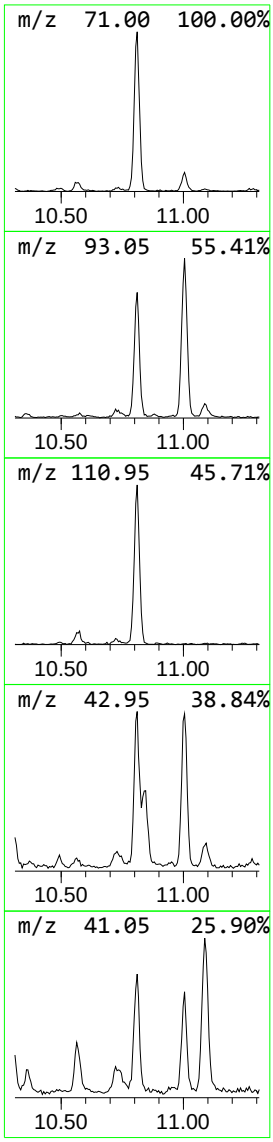
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Terpinen-4-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	3.49 ng/ul	370822	Naphthalene-d8	10.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	96
2	Terpinen-4-ol	154	C10H18O	000562-74-3	93
3	Terpinen-4-ol	154	C10H18O	000562-74-3	93
4	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	87
5	Terpinen-4-ol	154	C10H18O	000562-74-3	81





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Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

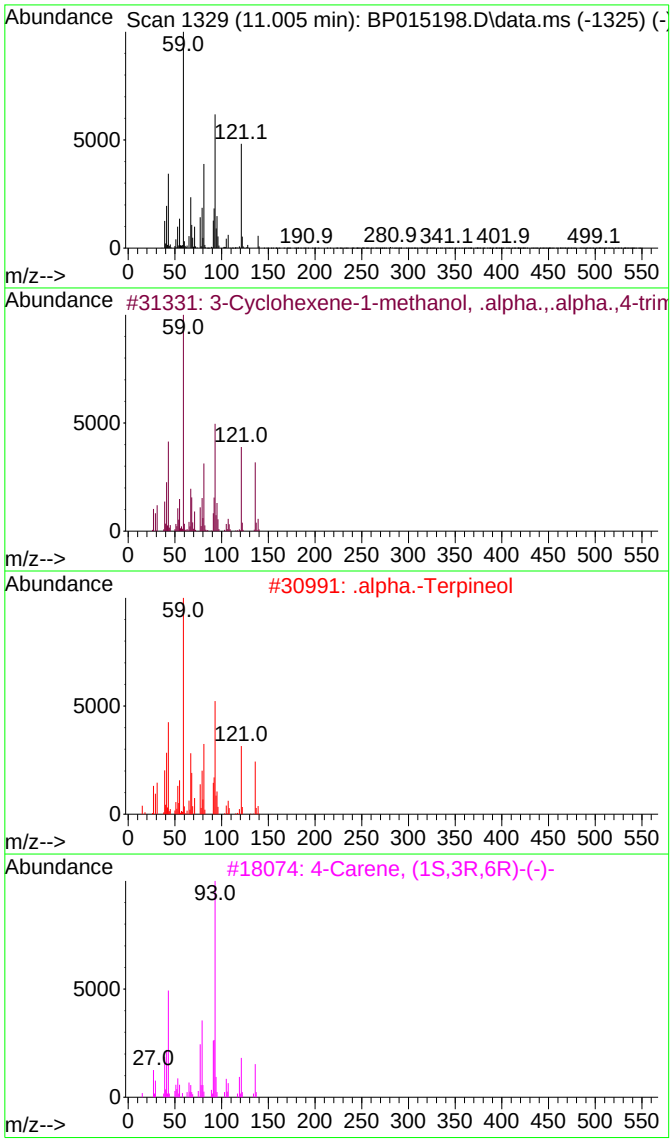
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

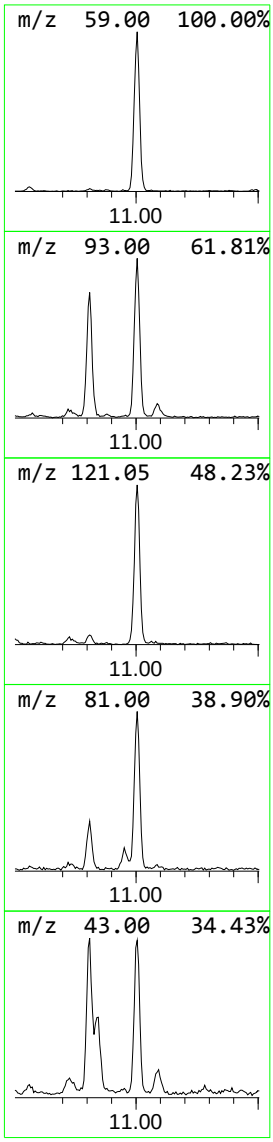
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Cyclohexene-1-methanol, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	3.40 ng/ul	360480	Naphthalene-d8	10.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	007785-53-7	90
2	.alpha.-Terpineol	154	C10H18O	000098-55-5	47
3	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	27
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	27
5	Linalyl acetate	196	C12H20O2	000115-95-7	27





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Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

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Quant Title : SVOA CALIBRATION

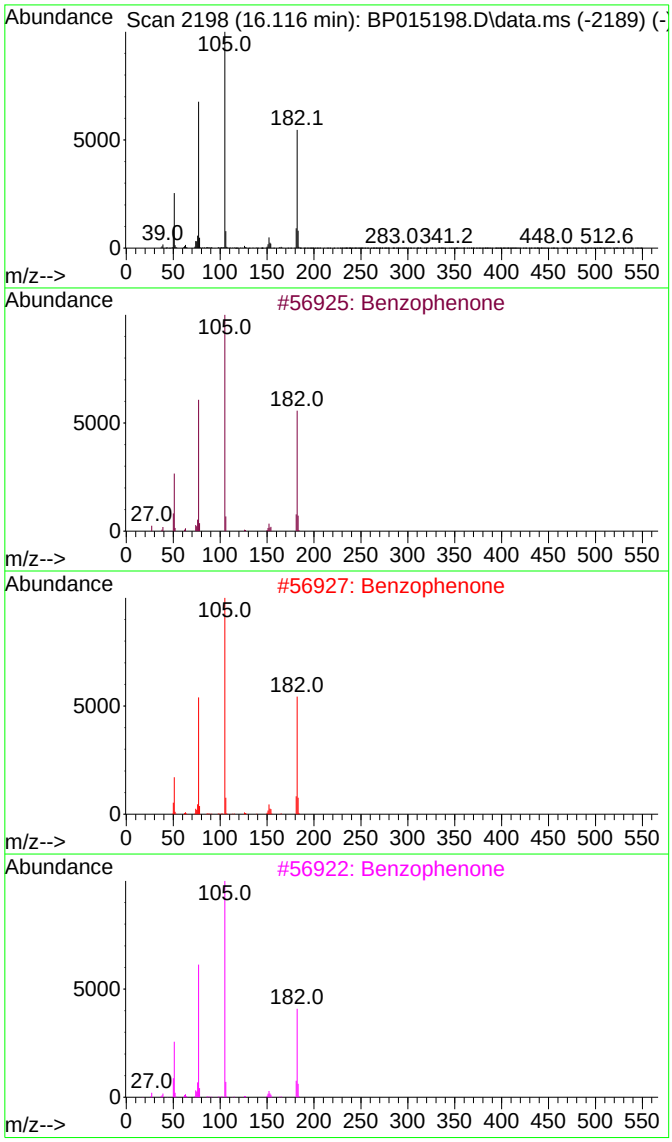
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

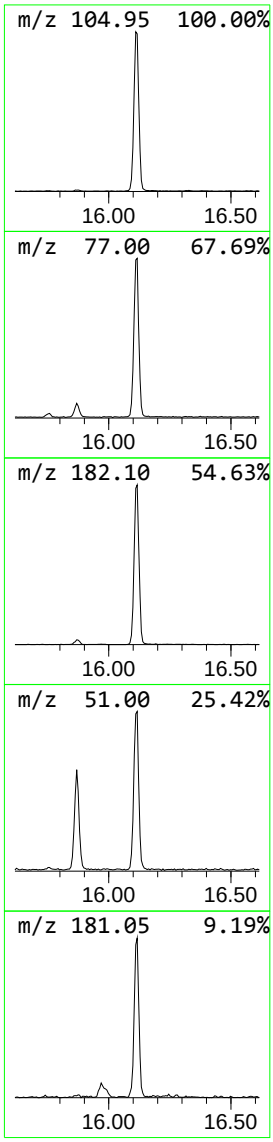
****

Peak Number 7 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	4.17 ng/ul	603922	Acenaphthene-d10	14.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

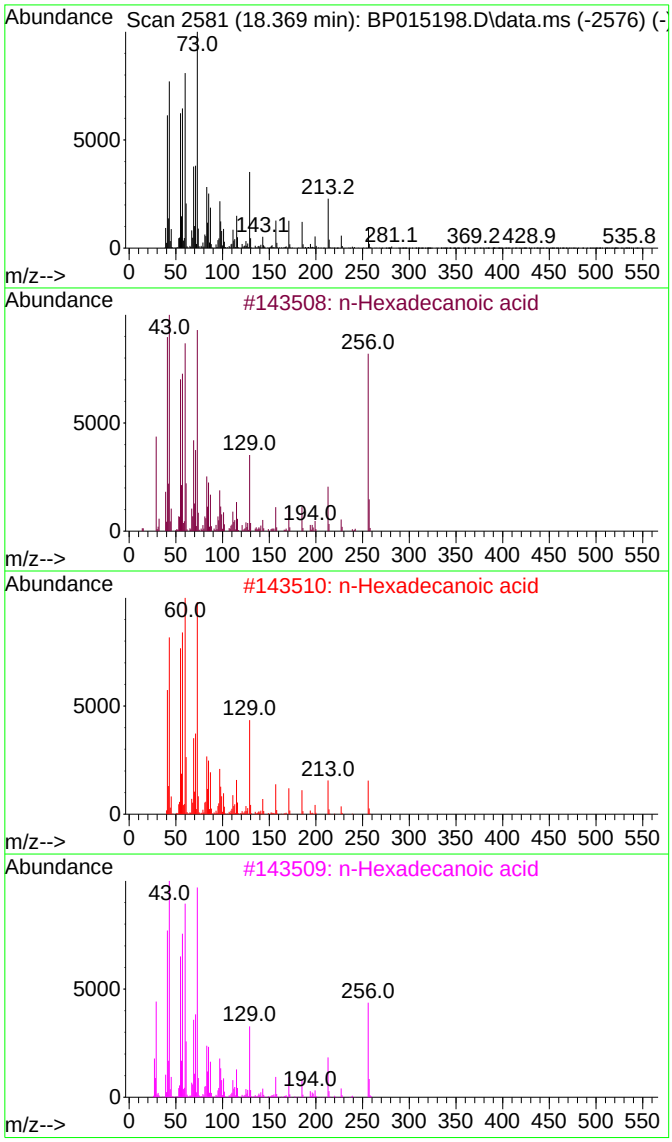
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

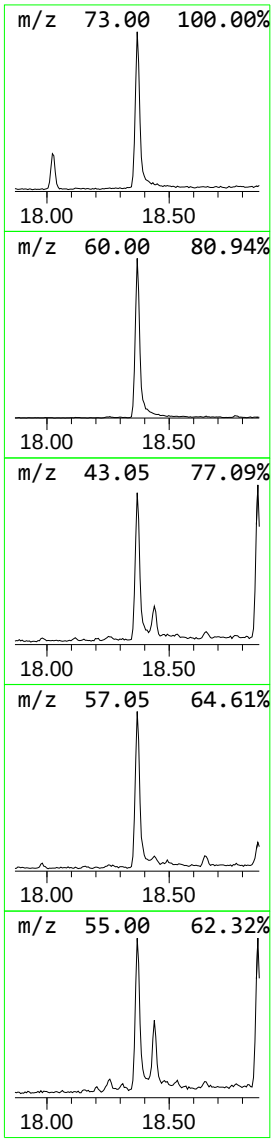
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	6.70 ng/ul	1132070	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

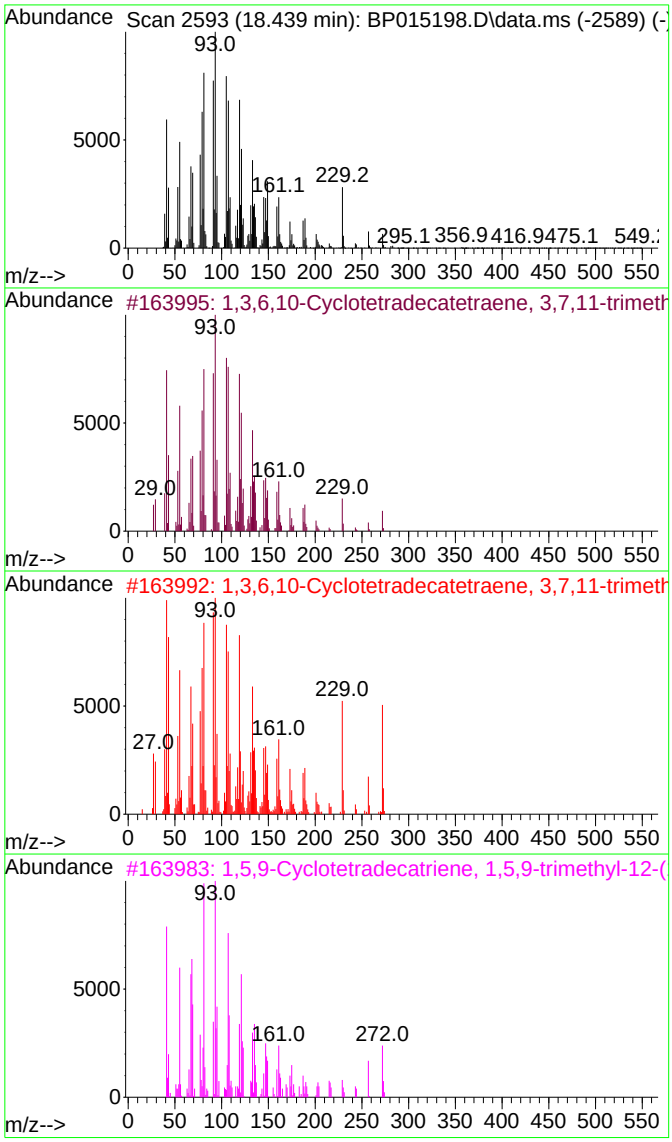
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

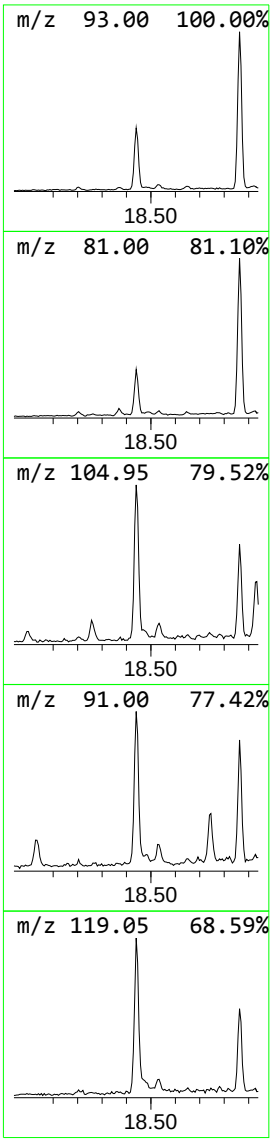
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3,6,10-Cyclotetradecatetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	4.57 ng/ul	771736	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	99
2	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	87
3	1,5,9-Cyclotetradecatriene, 1,5,...	272	C20H32	038748-84-4	62
4	2-Cyclohexenecarboxanilide	201	C13H15NO	1000160-08-2	50
5	Icosa-9,11-diyne	274	C20H34	028393-07-9	41





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Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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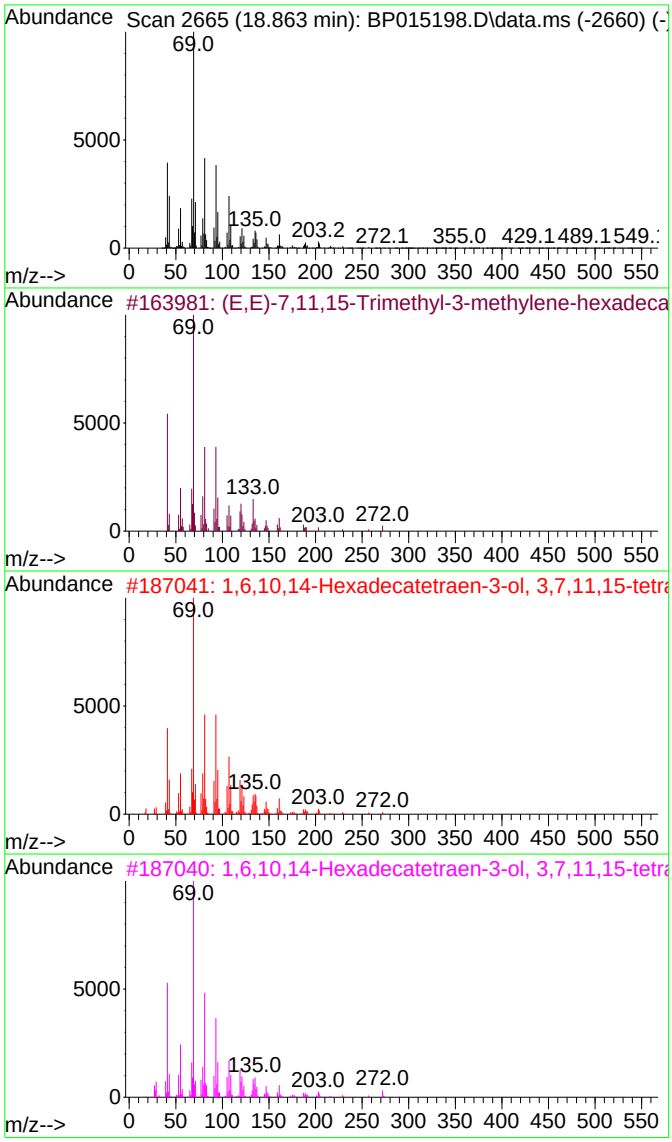
Quant Title : SVOA CALIBRATION

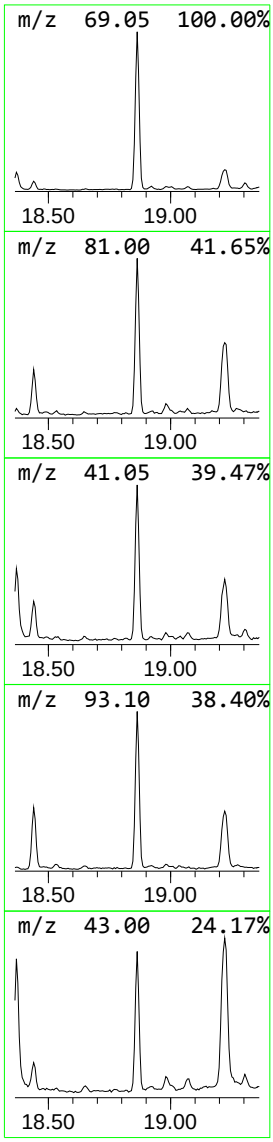
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (E,E)-7,11,15-Trimethyl-3-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	10.23 ng/ul	1728070	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E,E)-7,11,15-Trimethyl-3-methyl...	272	C20H32	070901-63-2	80
2	1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	72
3	1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	64
4	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	007212-44-4	59
5	5-Acetoxymethyl-2,6,10-trimethyl...	282	C17H30O3	1000144-12-3	59





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

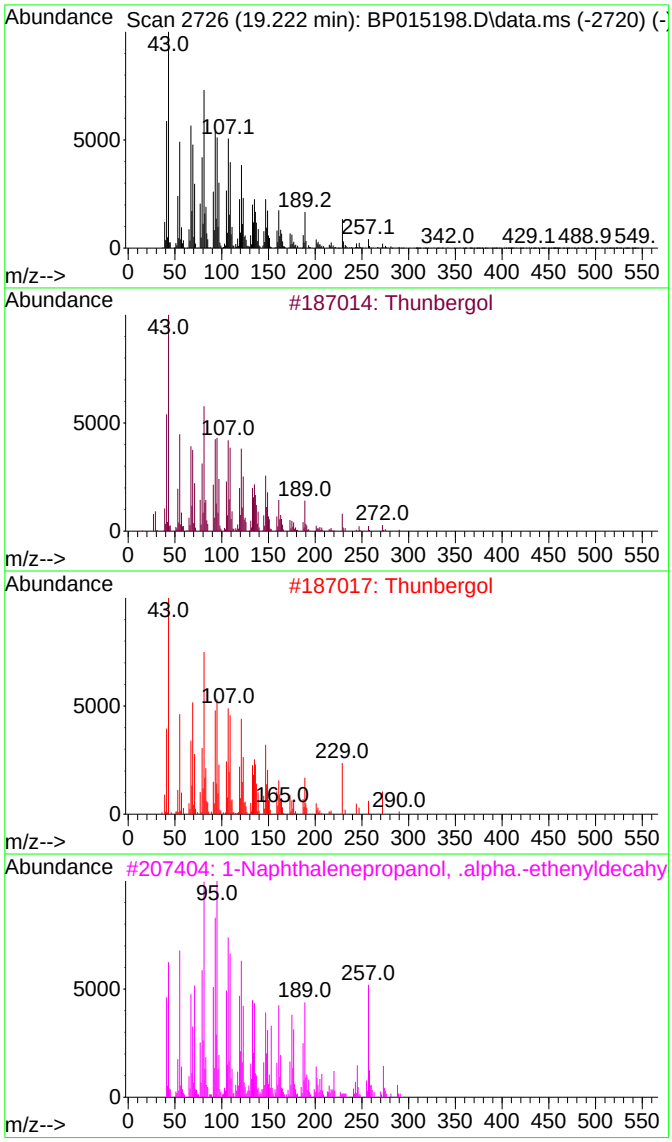
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

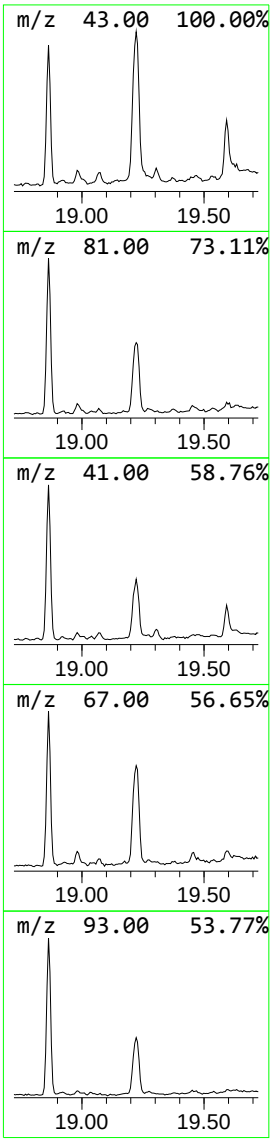
****

Peak Number 11 Thunbergol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	10.28 ng/ul	1736290	Phenanthrene-d10	17.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thunbergol	290	C20H34O	025269-17-4	94
2	Thunbergol	290	C20H34O	025269-17-4	90
3	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	001908-44-7	74
4	9,19-Cycloergost-24(28)-en-3-ol,...	468	C32H52O2	010376-42-8	64
5	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	62





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Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JREP3

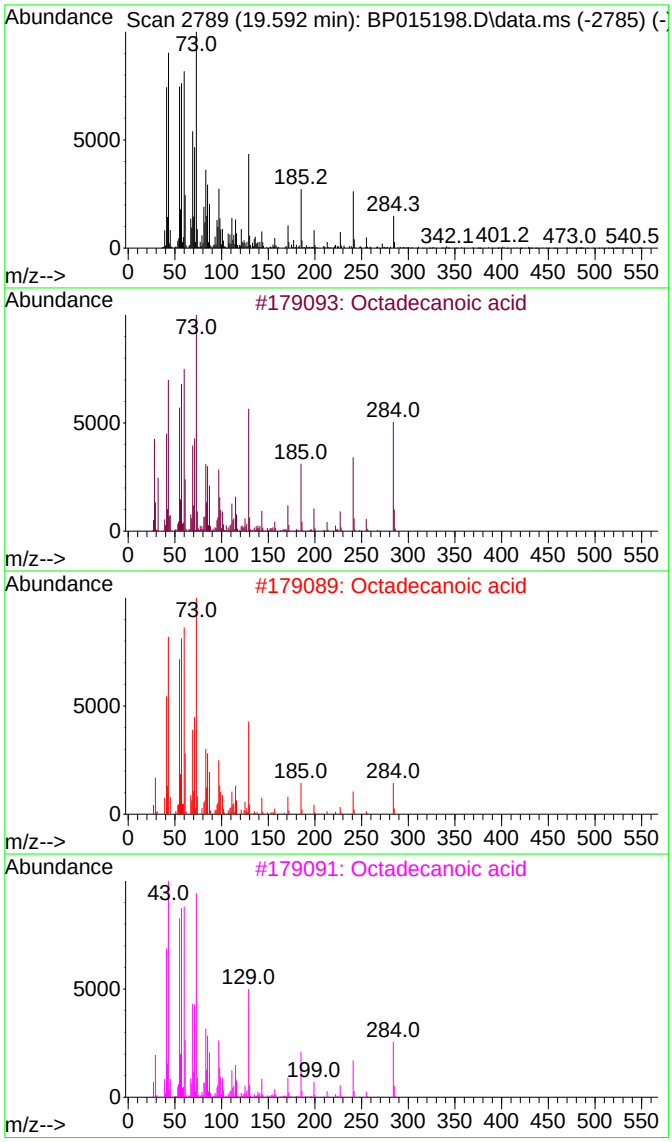
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

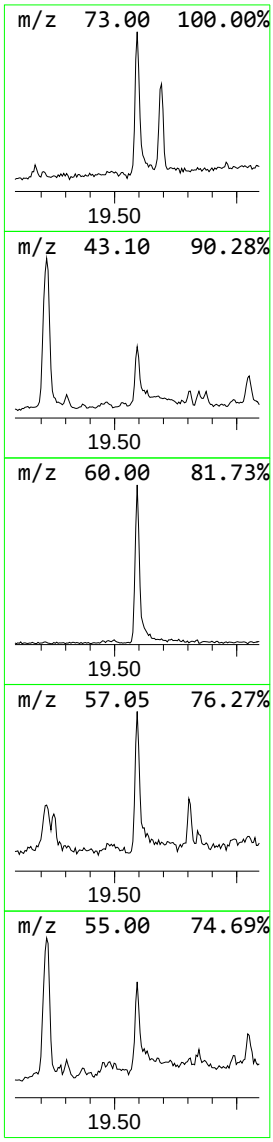
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	3.79 ng/ul	493134	Chrysene-d12	21.586

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JREP3

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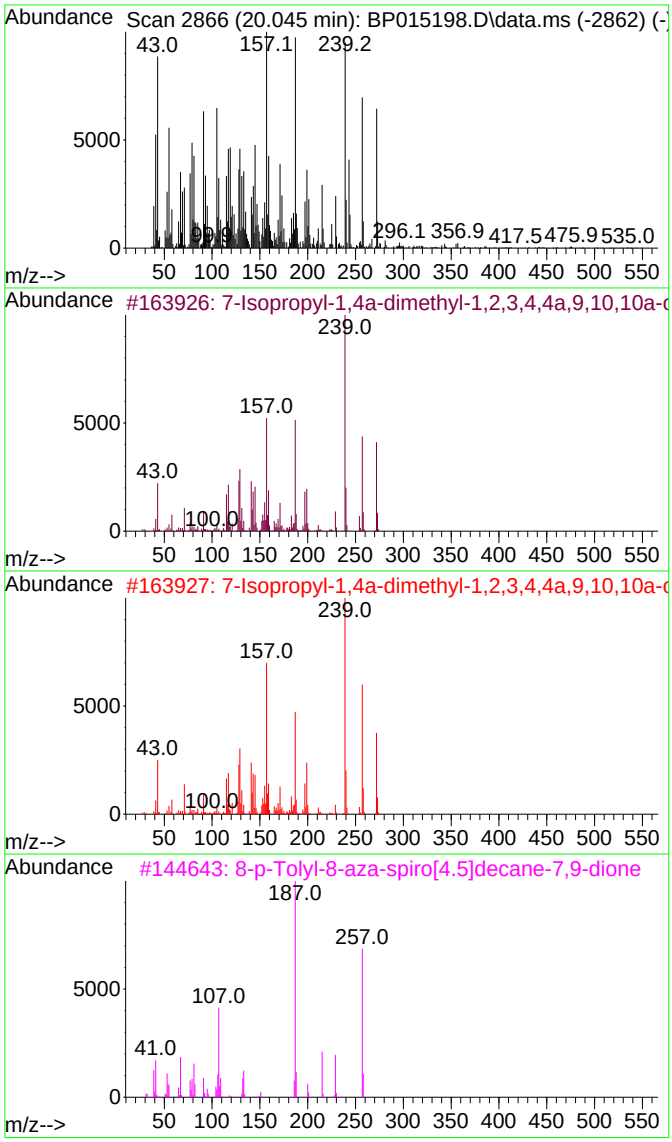
Quant Title : SVOA CALIBRATION

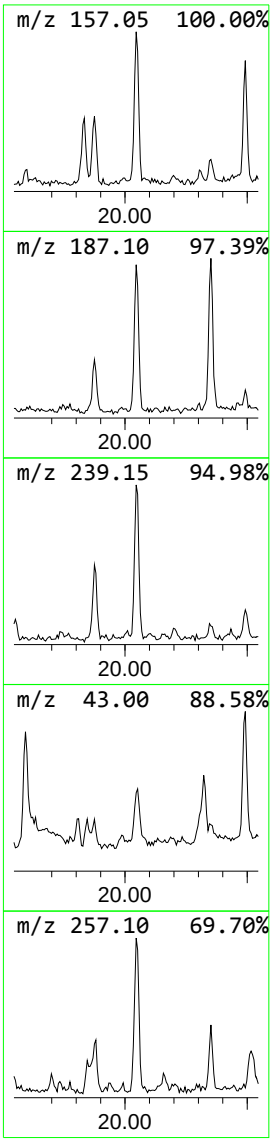
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7-Isopropyl-1,4a-dimethyl-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	3.82 ng/ul	496465	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,4a-dimethyl-1,2,3,...	272	C19H28O	1000497-24-9	70
2	7-Isopropyl-1,4a-dimethyl-1,2,3,...	272	C19H28O	1000497-25-0	64
3	8-p-Tolyl-8-aza-spiro[4.5]decane...	257	C16H19NO2	1010318-33-1	55
4	Silane, dimethyl(3-chlorophenoxy...	272	C13H21ClO2Si	1000347-20-3	35
5	Rhodium, [(1,2,3-.eta.)-2-buteny...	240	C10H17Rh	074779-89-8	25





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Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

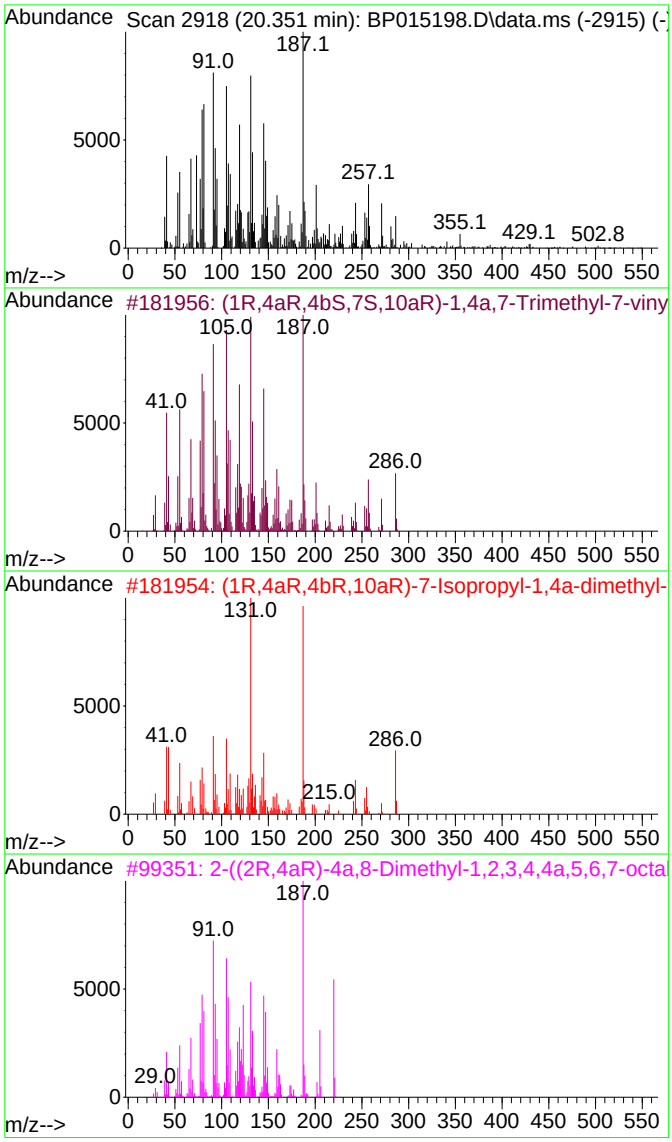
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

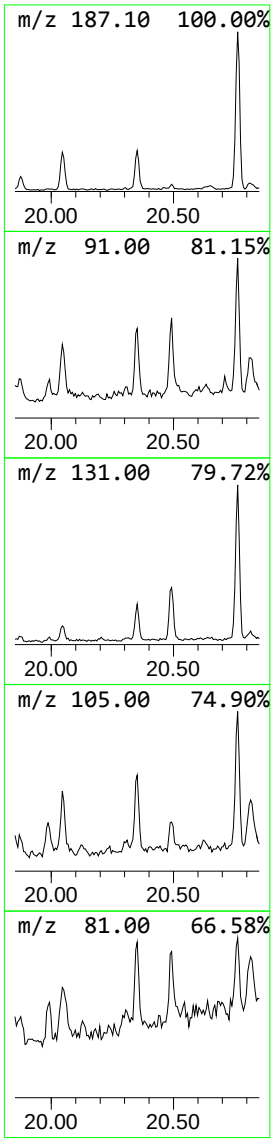
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (1R,4aR,4bS,7S,10aR)-1,4a,7... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	3.07 ng/ul	399076	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,4bS,7S,10aR)-1,4a,7-Trim...	286	C20H30O	001686-63-1	99
2	(1R,4aR,4bR,10aR)-7-Isopropyl-1,...	286	C20H30O	006704-50-3	55
3	2-((2R,4aR)-4a,8-Dimethyl-1,2,3,...	220	C15H24O	065018-14-6	50
4	Formamide, 1-(2,3-dihydro-2,3-di...	334	C16H9F3N2O3	332041-00-6	38
5	Andrographolide	350	C20H30O5	005508-58-7	30





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Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
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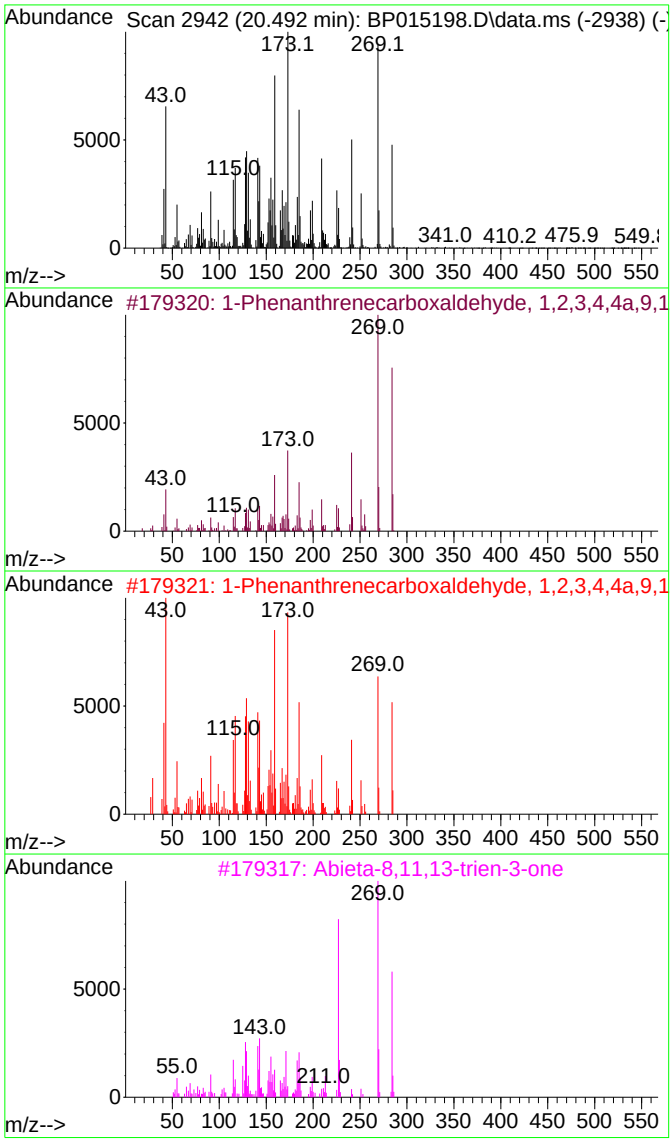
Quant Title : SVOA CALIBRATION

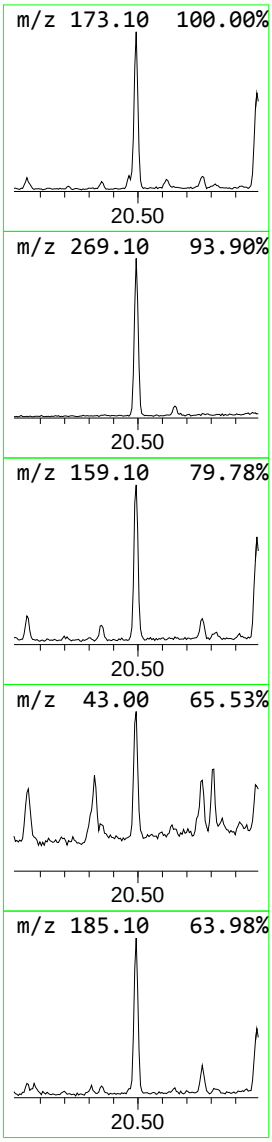
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Phenanthrenecarboxaldehyd... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.492	6.80 ng/ul	884378	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	013601-88-2	99
2	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	013601-88-2	98
3	Abieta-8,11,13-trien-3-one	284	C20H28O	1000386-46-3	53
4	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	30
5	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	15





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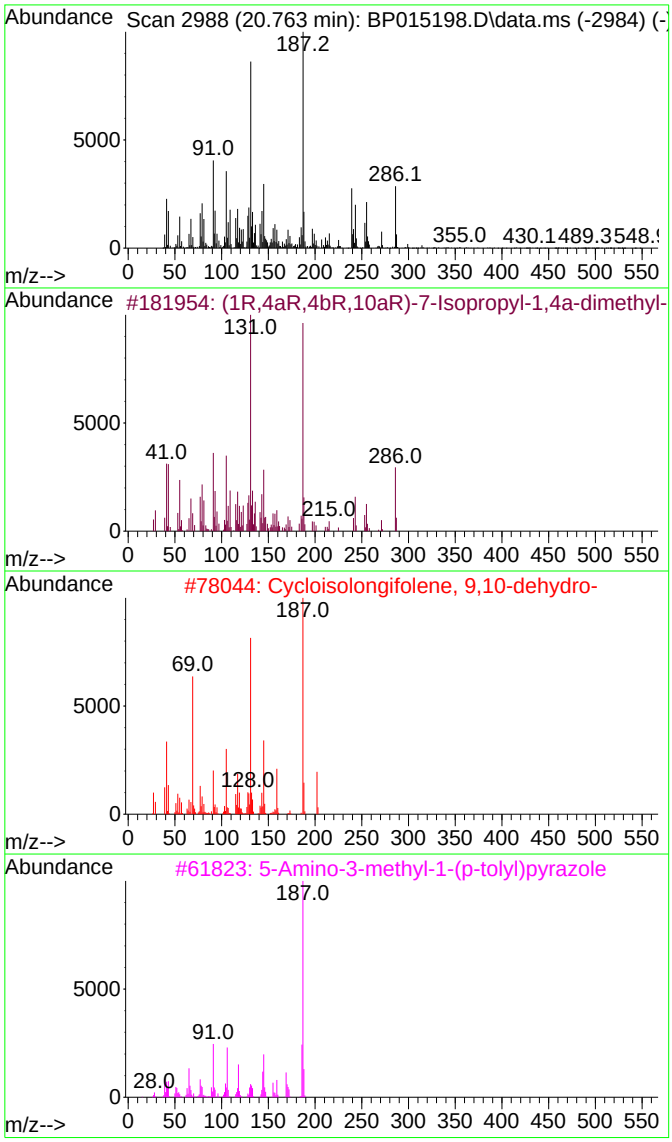
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

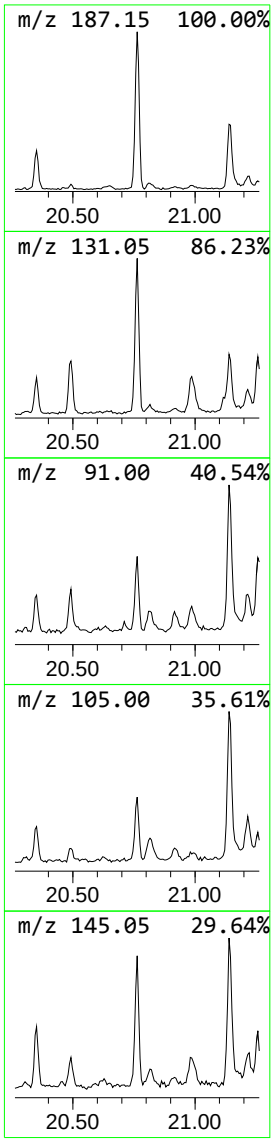
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (1R,4aR,4bR,10aR)-7-Isoprop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	5.12 ng/ul	665058	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,4bR,10aR)-7-Isopropyl-1,...	286	C20H30O	006704-50-3	99
2	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	52
3	5-Amino-3-methyl-1-(p-tolyl)pyra...	187	C11H13N3	062535-60-8	38
4	1-Indanone, 3,3,5,6,7-pentamethyl-	202	C14H18O	016204-69-6	35
5	3-Methyl-1-(3-methylphenyl)-1H-p...	187	C11H13N3	092721-83-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

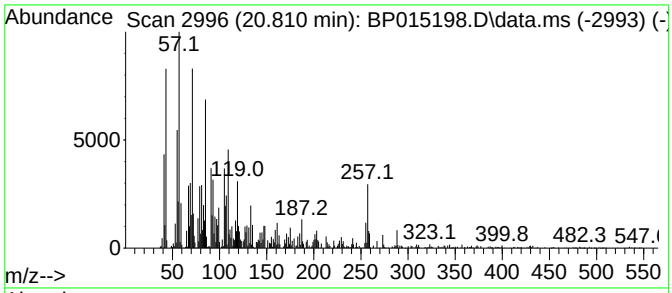
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

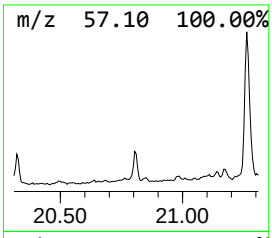
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

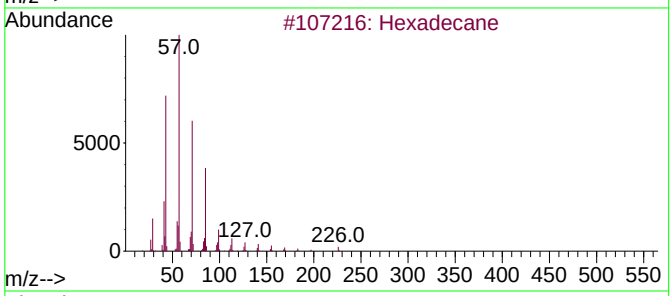
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

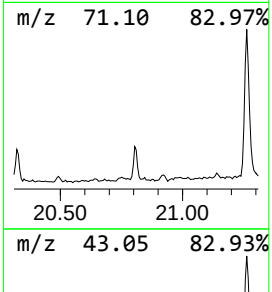
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.810	2.99 ng/ul	388958	Chrysene-d12	21.586

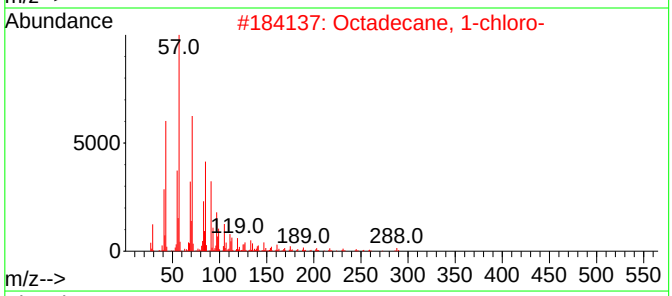
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
3	Octadecane	254	C18H38	000593-45-3	42
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	42
5	Tetracosane	338	C24H50	000646-31-1	42

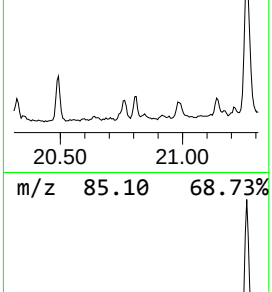


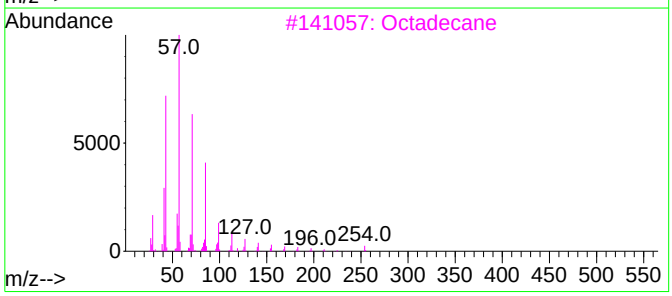


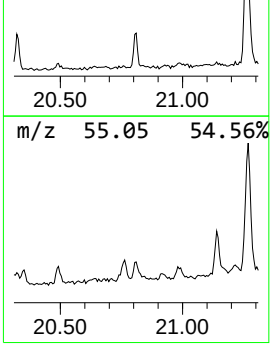












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

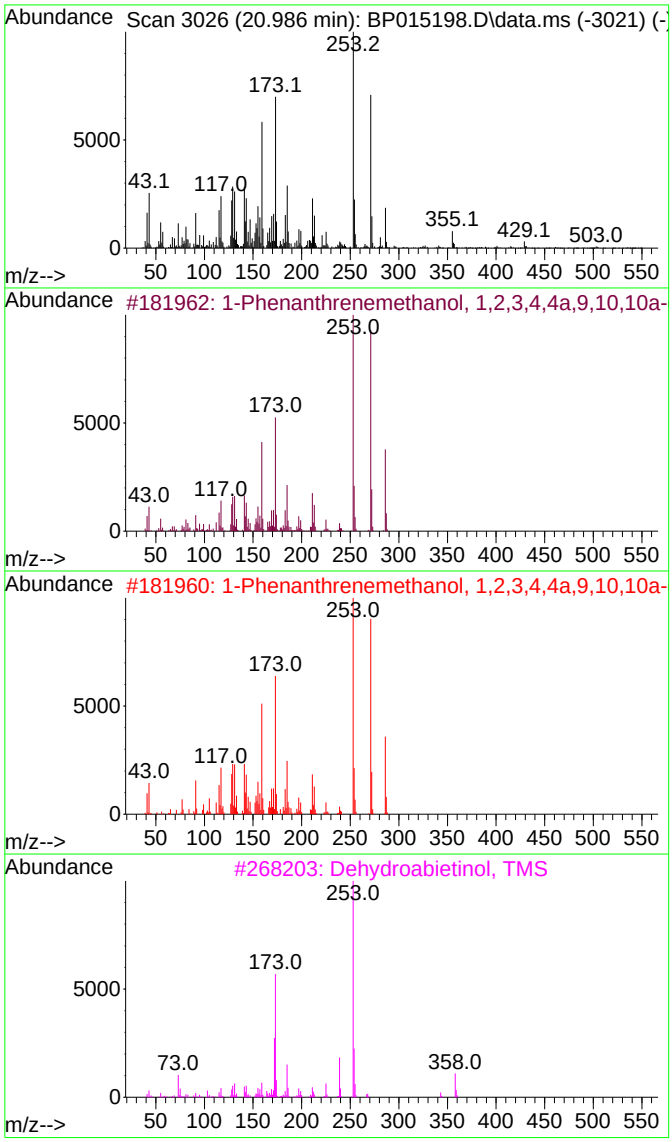
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

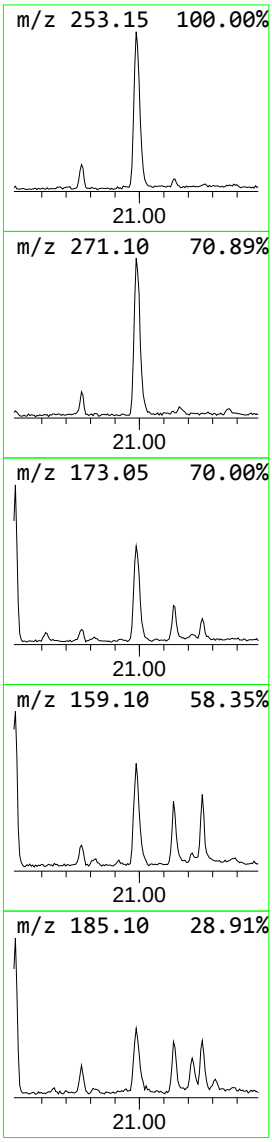
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Phenanthrenemethanol, 1,2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	6.94 ng/ul	902289	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenemethanol, 1,2,3,4,...	286	C20H30O	003772-55-2	91
2	1-Phenanthrenemethanol, 1,2,3,4,...	286	C20H30O	003772-55-2	70
3	Dehydroabietinol, TMS	358	C23H38OSi	021414-58-4	38
4	1-Phenanthrenemethanol, 1,2,3,4,...	286	C20H30O	024035-43-6	38
5	2-[2-Thienyl]-4-acetyl quinoline	253	C15H11NOS	027302-83-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

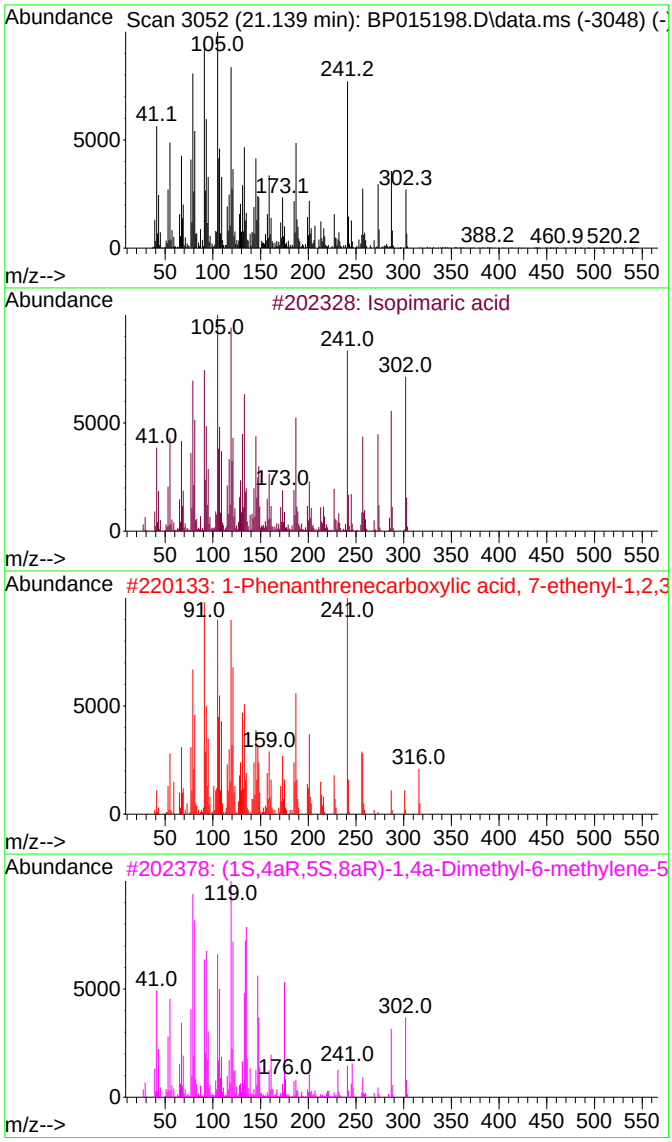
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

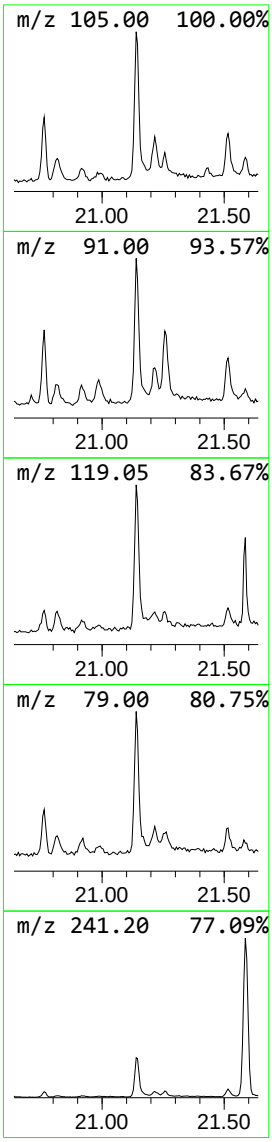
****

Peak Number 19 Isopimaric acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	9.98 ng/ul	1297150	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	99
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	80
3	(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	56
4	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	43
5	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1010333-59-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

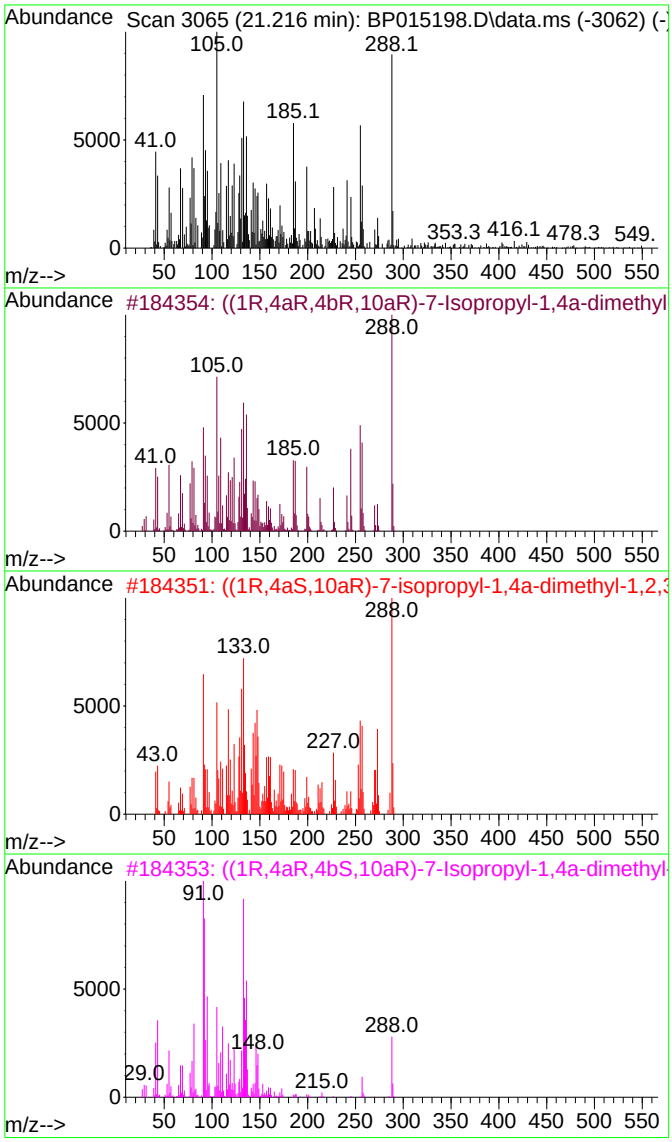
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

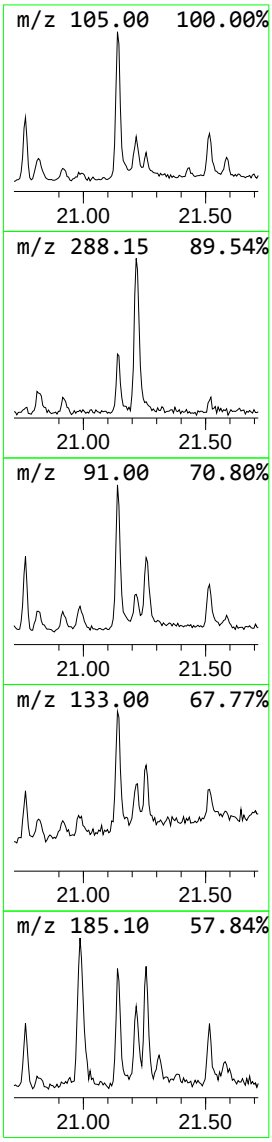
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 ((1R,4aR,4bR,10aR)-7-Isopro... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	2.24 ng/ul	290676	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1R,4aR,4bR,10aR)-7-Isopropyl-1...	288	C20H32O	000666-84-2	91
2	((1R,4aS,10aR)-7-isopropyl-1,4a-...	288	C20H32O	1000439-86-6	49
3	((1R,4aR,4bS,10aR)-7-Isopropyl-1...	288	C20H32O	097640-46-5	46
4	((1S,4aR,4bR,10aR)-7-Isopropyl-1...	288	C20H32O	024563-94-8	38
5	Prasterone	288	C19H28O2	000053-43-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

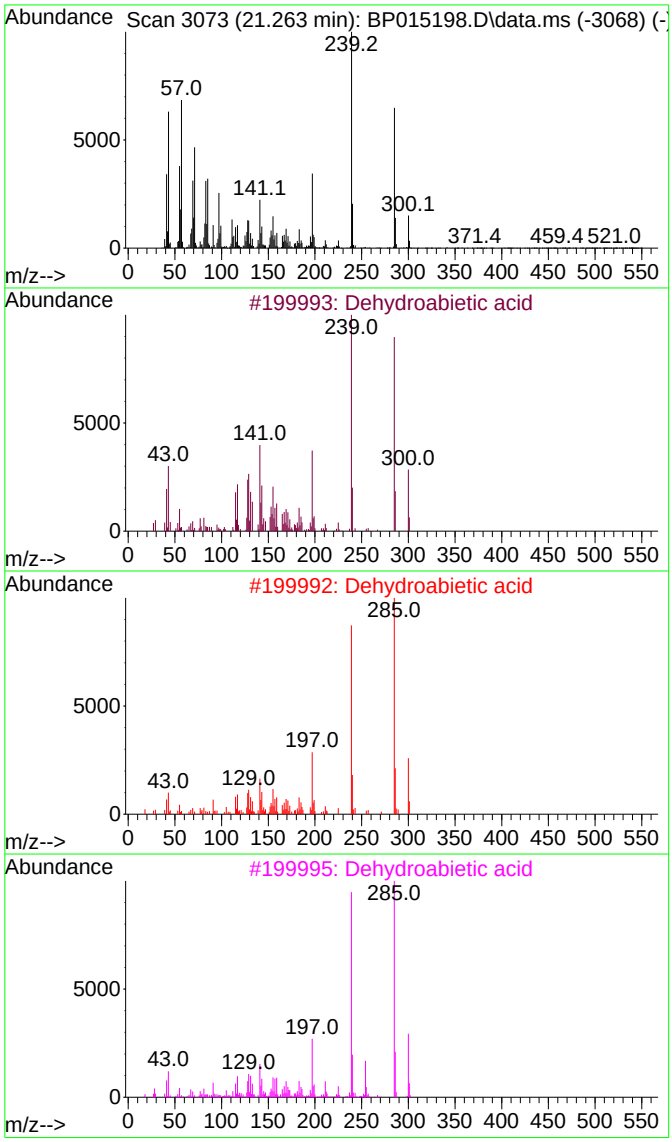
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

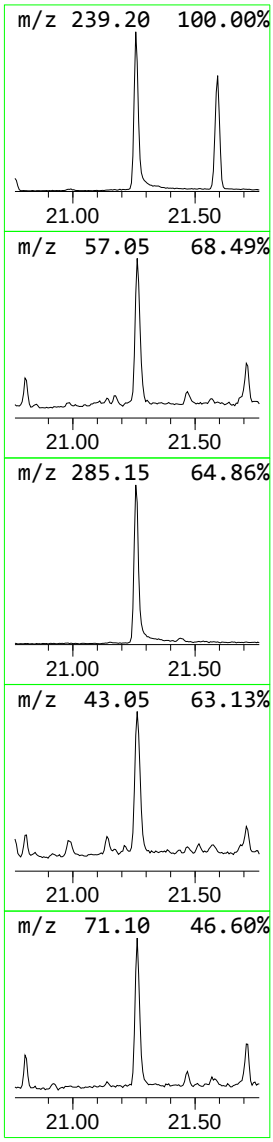
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Dehydroabietic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	20.89 ng/ul	2715460	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	86
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	83
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

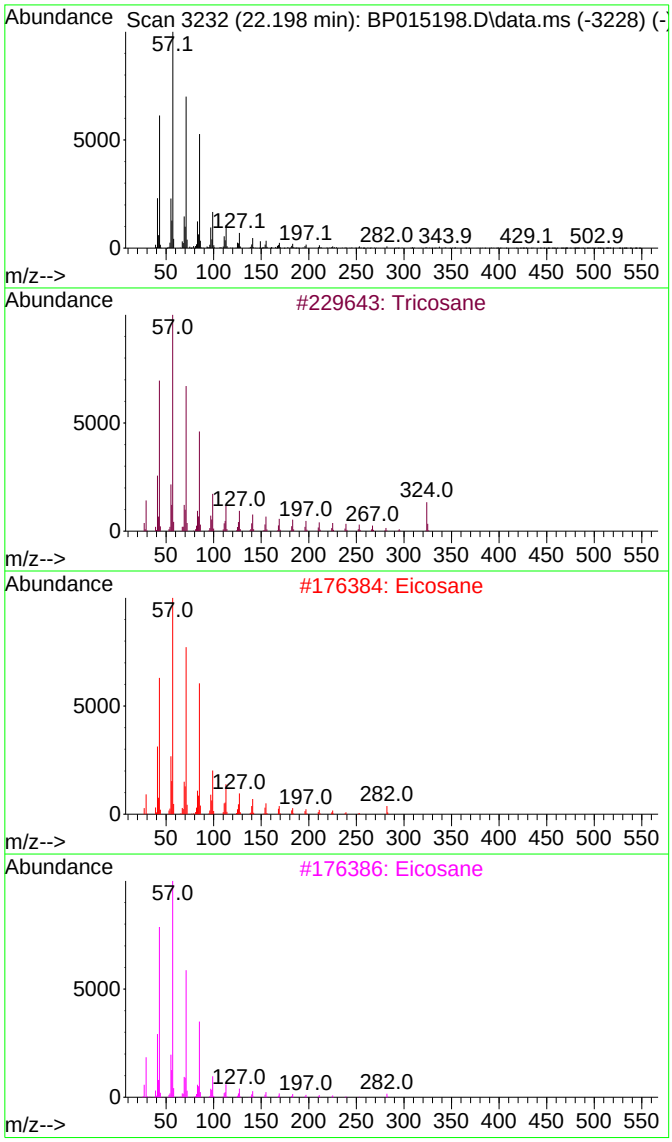
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

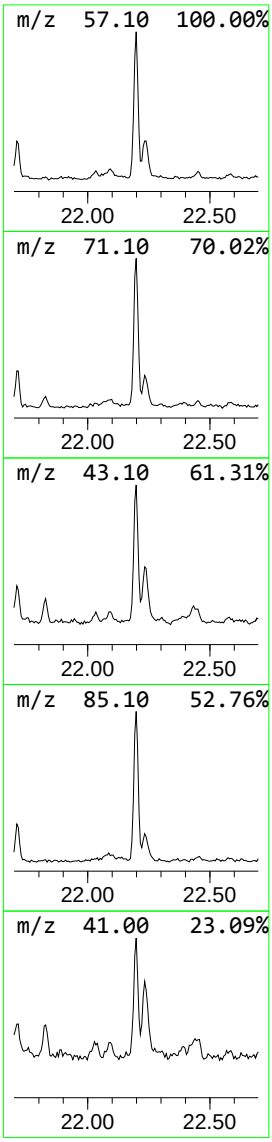
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.198	5.12 ng/ul	665412	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	94
4	Tricosane	324	C23H48	000638-67-5	93
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

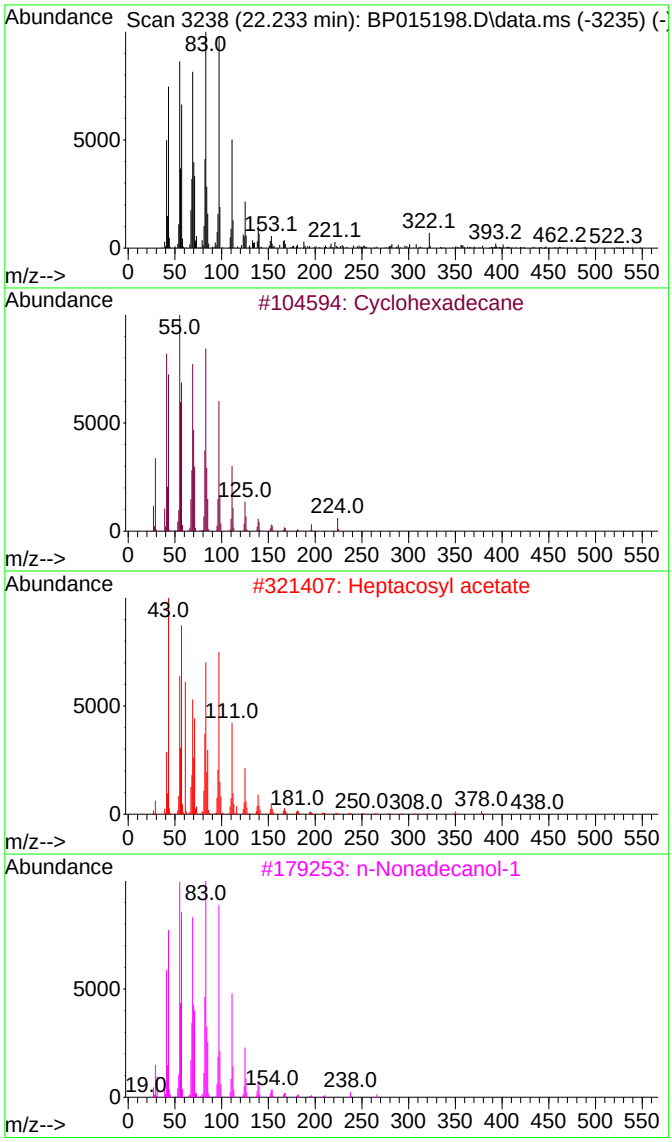
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

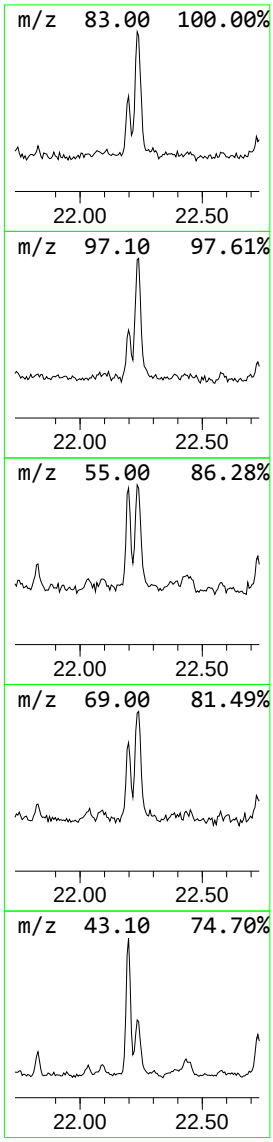
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic22.233 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.233	3.49 ng/ul	453134	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Triacontanol	438	C30H62O	000593-50-0	93
5	1-Docosene	308	C22H44	001599-67-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

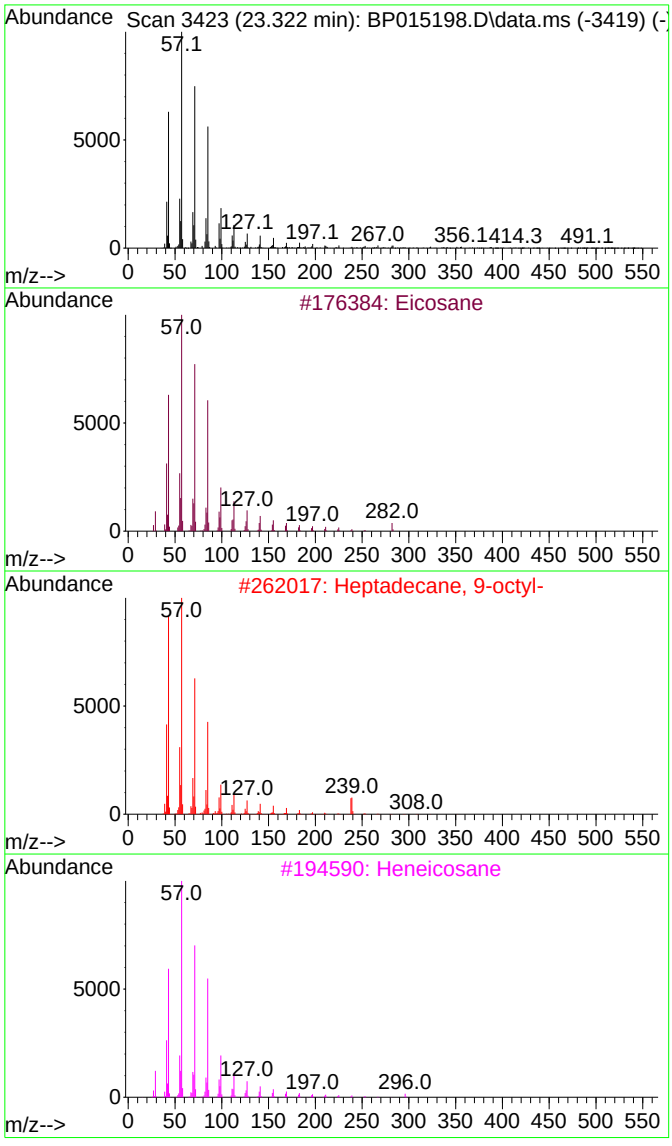
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

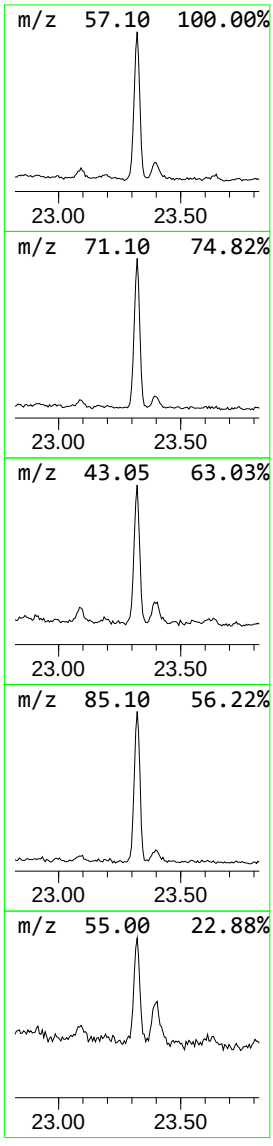
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.322	5.76 ng/ul	714889	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015198.D
Acq On : 20 May 2023 05:53
Operator : CG/JU
Sample : 02689-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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
.alpha.-Pinene	6.781	7.2	ng/ul	518984	1	8.122	1439790	20.0
Camphene	7.093	2.3	ng/ul	163650	1	8.122	1439790	20.0
p-Cymene	8.258	8.7	ng/ul	622957	1	8.122	1439790	20.0
Cyclopentasilox...	9.693	2.4	ng/ul	249642	2	10.952	2122730	20.0
Terpinen-4-ol	10.810	3.5	ng/ul	370822	2	10.952	2122730	20.0
3-Cyclohexene-1...	11.005	3.4	ng/ul	360480	2	10.952	2122730	20.0
Benzophenone	16.116	4.2	ng/ul	603922	3	14.763	2897220	20.0
n-Hexadecanoic ...	18.369	6.7	ng/ul	1132070	4	17.516	3379330	20.0
1,3,6,10-Cyclot...	18.439	4.6	ng/ul	771736	4	17.516	3379330	20.0
(E,E)-7,11,15-T...	18.863	10.2	ng/ul	1728070	4	17.516	3379330	20.0
Thunbergol	19.222	10.3	ng/ul	1736290	4	17.516	3379330	20.0
Octadecanoic acid	19.592	3.8	ng/ul	493134	5	21.586	2599230	20.0
7-Isopropyl-1,4...	20.045	3.8	ng/ul	496465	5	21.586	2599230	20.0
(1R,4aR,4bS,7S,...	20.351	3.1	ng/ul	399076	5	21.586	2599230	20.0
1-Phenanthrenec...	20.492	6.8	ng/ul	884378	5	21.586	2599230	20.0
(1R,4aR,4bR,10a...	20.763	5.1	ng/ul	665058	5	21.586	2599230	20.0
(DEL) Alkane: S...	20.810	3.0	ng/ul	388958	5	21.586	2599230	20.0
1-Phenanthrenem...	20.986	6.9	ng/ul	902289	5	21.586	2599230	20.0
Isopimaric acid	21.139	10.0	ng/ul	1297150	5	21.586	2599230	20.0
((1R,4aR,4bR,10...	21.216	2.2	ng/ul	290676	5	21.586	2599230	20.0
Dehydroabietic ...	21.263	20.9	ng/ul	2715460	5	21.586	2599230	20.0
(DEL) Alkane: S...	22.198	5.1	ng/ul	665412	5	21.586	2599230	20.0
(DEL) Alkane: C...	22.233	3.5	ng/ul	453134	5	21.586	2599230	20.0
(DEL) Alkane: S...	23.322	5.8	ng/ul	714889	6	24.145	2482900	20.0