LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFQ0

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	31	34	40	rVB	27109	31621	0.26%	0.046%
2	3.840	108	111	123	rBV	156950	261617	2.13%	0.381%
3	3.934	123	127	134	rVB	63153	89166	0.73%	0.130%
4	4.058	143	148	156	rVB	16871	27473	0.22%	0.040%
5	4.158	162	165	173	rVB	15256	21168	0.17%	0.031%
6	6.022	479	482	490	rBV9	7250	12649	0.10%	0.018%
7	6.711	593	599	605	rVB	67675	107895	0.88%	0.157%
8	6.975	639	644	648	rBV3	15533	25706	0.21%	0.037%
9	7.022	648	652	656	rVV2	35758	56693	0.46%	0.083%
10	7.240	682	689	704	rBV	216939	526697	4.28%	0.767%
11	7.387	708	714	726	rBV	225190	398130	3.24%	0.580%
12	7.593	743	749	758	rBV	320008	582819	4.74%	0.849%
13	8.063	823	829	843	rBV	404917	737643	6.00%	1.075%
14	8.799	947	954	972	rVV	243586	574839	4.68%	0.837%
15	8.916	972	974	984	rVB10	7267	16081	0.13%	0.023%
16	9.252	1024	1031	1048	rBV	254796	542486	4.41%	0.790%
17	9.981	1144	1155	1172	rBV	201671	479307	3.90%	0.698%
18	10.546	1244	1251	1280	rBV	198696	662929	5.39%	0.966%
19	10.893	1303	1310	1316	rVV	496961	910596	7.41%	1.326%
20	10.940	1316	1318	1329	rVB	43784	77643	0.63%	0.113%
21	11.069	1334	1340	1356	rBV2	71143	245805	2.00%	0.358%
22	11.357	1382	1389	1397	rVB2	13470	27420	0.22%	0.040%
23	12.569	1589	1595	1606	rBV	13826	34916	0.28%	0.051%
24	12.781	1626	1631	1634	rBV6	7574	14570	0.12%	0.021%
25	13.063	1667	1679	1690	rBV2	75714	139513	1.13%	0.203%
26	13.434	1738	1742	1751	rBV8	23166	58234	0.47%	0.085%
27	13.575	1759	1766	1776	rVV2	123838	202031	1.64%	0.294%
28	14.016	1837	1841	1849	rVB7	19823	35363	0.29%	0.052%
29	14.122	1850	1859	1865	rBV	631190	1094129	8.90%	1.594%
30	14.410	1901	1908	1923	rBV	735637	1345244	10.94%	1.960%
31	14.534	1923	1929	1933	rVV3	62138	93752	0.76%	0.137%
32	14.581	1933	1937	1942	rVV5	24109	36576	0.30%	0.053%
33	14.651	1942	1949	1954	rVV	59871	102131	0.83%	0.149%
34	14.710	1954	1959	1965	rVV	731451	1151756	9.37%	1.678%
35	14.763	1965	1968	1979	rVB3	76672	157928	1.28%	0.230%
36	14.945	1993	1999	2001	rBV	65437	86705	0.71%	0.126%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	14.981	2001	2005	2007	rVV3	89403	143841	1.17%	0.210%
38	15.010	2007	2010	2023	rVV2	112942	256450	2.09%	0.374%
39	15.122	2025	2029	2038	rVB	39562	77322	0.63%	0.113%
40	15.228	2045	2047	2055	rVB7	9907	16064	0.13%	0.023%
41	15.316	2058	2062	2065	rBV5	10079	16362	0.13%	0.024%
42	15.428	2078	2081	2085	rVB3	14058	16747	0.14%	0.024%
43	15.487	2085	2091	2095	rBV	29975	49017	0.40%	0.071%
44	15.551	2095	2102	2106	rBV7	14335	33598	0.27%	0.049%
45	15.710	2121	2129	2137	rBV	884132	1415952	11.52%	2.063%
46	15.869	2150	2156	2164	rBV	173040	362834	2.95%	0.529%
47	15.945	2164	2169	2176	rVB8	42001	75686	0.62%	0.110%
48	16.034	2180	2184	2187	rBV3	33754	46100	0.37%	0.067%
49	16.075	2187	2191	2197	rBV	112833	162061	1.32%	0.236%
50	16.175	2202	2208	2217	rVB	184383	283738	2.31%	0.413%
51	16.269	2220	2224	2231	rVB5	42867	70337	0.57%	0.102%
52	16.351	2234	2238	2243	rVB3	26380	37734	0.31%	0.055%
53	16.416	2243	2249	2255	rBV5	36302	74299	0.60%	0.108%
54	16.557	2269	2273	2278	rBV7	21983	38170	0.31%	0.056%
55	16.616	2279	2283	2290	rVB7	26928	61376	0.50%	0.089%
56	16.851	2320	2323	2328	rBV6	9819	13835	0.11%	0.020%
57	17.145	2370	2373	2378	rBV	16545	21737	0.18%	0.032%
58	17.192	2378	2381	2387	rVB2	21218	27822	0.23%	0.041%
59	17.345	2403	2407	2413	rBV3	40996	62519	0.51%	0.091%
60	17.410	2414	2418	2423	rBV3	35288	60156	0.49%	0.088%
61	17.475	2423	2429	2433	rBV	886470	1354471	11.02%	1.973%
62	17.516	2433	2436	2441	rVB	176688	242635	1.97%	0.353%
63	17.575	2441	2446	2451	rBV	913382	1369474	11.14%	1.995%
64	17.933	2504	2507	2510	rVB2	19259	21344	0.17%	0.031%
65	18.104	2534	2536	2540	rVB4	15932	20132	0.16%	0.029%
66	18.216	2551	2555	2560	rVB3	48245	65016	0.53%	0.095%
67	18.269	2560	2564	2569	rBV	196148	291071	2.37%	0.424%
68	18.328	2569	2574	2582	rBV	1263595	1655051	13.46%	2.411%
69	18.528	2604	2608	2612	rVB4	63674	88843	0.72%	0.129%
70	18.898	2668	2671	2675	rVB2	95873	121941	0.99%	0.178%
71	19.210	2720	2724	2726	rBV2	70930	96374	0.78%	0.140%
72	19.310	2738	2741	2746	rVB2	66120	80394	0.65%	0.117%
73	19.369	2747	2751	2755	rVB4	51618	85827	0.70%	0.125%
74	19.416	2755	2759	2761	rBV	169338	214334	1.74%	0.312%
75	19.439	2761	2763	2764	rVV	140529	133778	1.09%	0.195%
76	19.475	2764	2769	2777	rVV	637359	999610	8.13%	1.456%

LSC Area Percent Report

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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFQ0

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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.551	2778	2782	2791	rVV	346676	473014	3.85%	0.689%
78	19.798	2819	2824	2827	rBV	1436060	2024112	16.46%	2.948%
79	19.827	2827	2829	2837	rVB	525915	624693	5.08%	0.910%
80	19.933	2843	2847	2855	rVB	969983	1113669	9.06%	1.622%
81	20.157	2877	2885	2890	rVB2	660194	999318	8.13%	1.456%
82	20.280	2902	2906	2908	rBV	208221	311561	2.53%	0.454%
83	20.598	2957	2960	2965	rBV3	149242	203863	1.66%	0.297%
84	20.674	2970	2973	2976	rBV	162104	174715	1.42%	0.255%
85	21.086	3039	3043	3053	rVB	1095090	1338762	10.89%	1.950%
86	21.227	3064	3067	3073	rVB2	568248	865712	7.04%	1.261%
87	21.557	3115	3123	3127	rBV2	1386783	2847826	23.16%	4.148%
88	21.598	3128	3130	3134	rVB	492367	556536	4.53%	0.811%
89	22.145	3219	3223	3227	rBV2	458000	732527	5.96%	1.067%
90	22.186	3227	3230	3239	rVB3	422512	765110	6.22%	1.115%
91	23.257	3407	3412	3417	rVB	733315	1167073	9.49%	1.700%
92	23.327	3418	3424	3437	rVB	1240706	3574533	29.08%	5.207%
93	23.880	3513	3518	3522	rBV	502693	975374	7.93%	1.421%
94	23.939	3523	3528	3533	rVV2	1005918	2132178	17.34%	3.106%
95	23.992	3534	3537	3548	rVB	624070	1179574	9.59%	1.718%
96	24.110	3551	3557	3563	rBV	744146	1575767	12.82%	2.295%
97	24.698	3651	3657	3664	rVB	1090882	2248355	18.29%	3.275%
98	26.674	3985	3993	4009	rBV	1307300	4595556	37.38%	6.694%
99	27.762	4170	4178	4195	rVB3	1145331	4642599	37.76%	6.763%
100	28.815	4349	4357	4384	rVB5	3013225	12294075	100.00%	17.908%

Sum of corrected areas: 68649785

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
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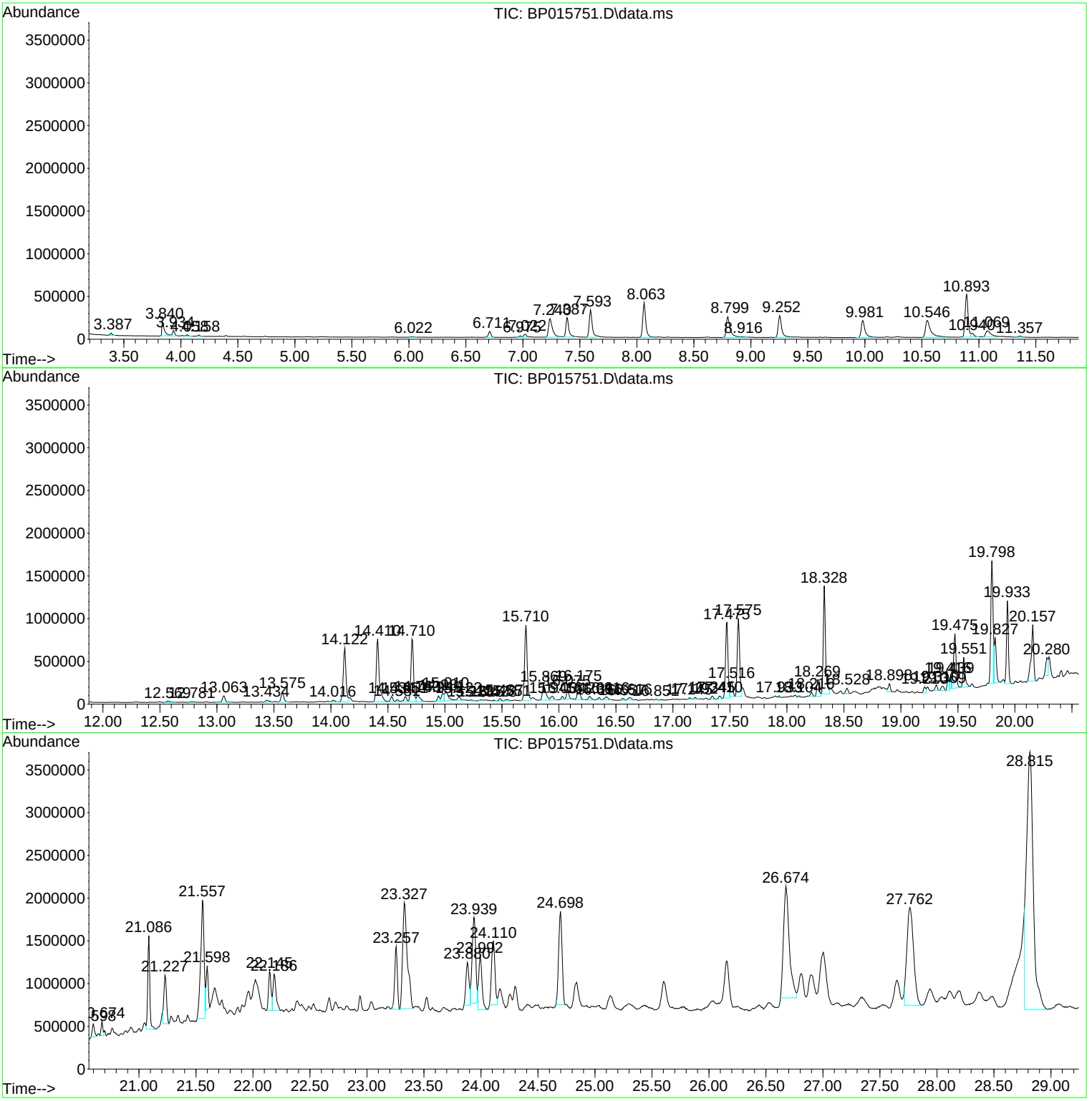
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
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Sample : 03085-14
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

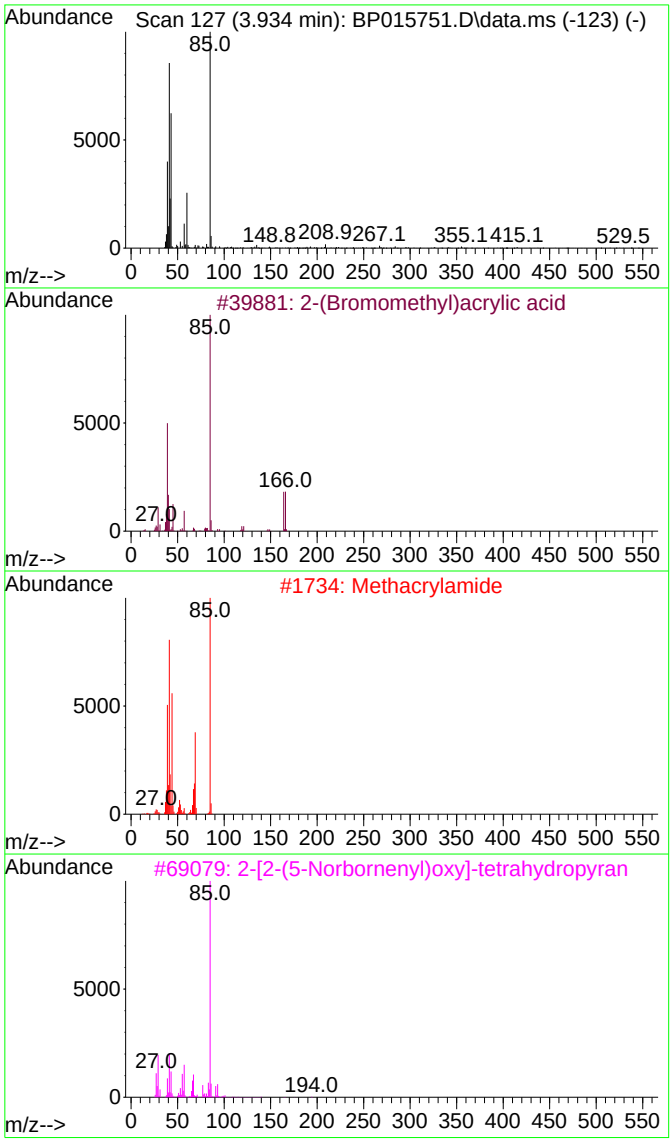
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

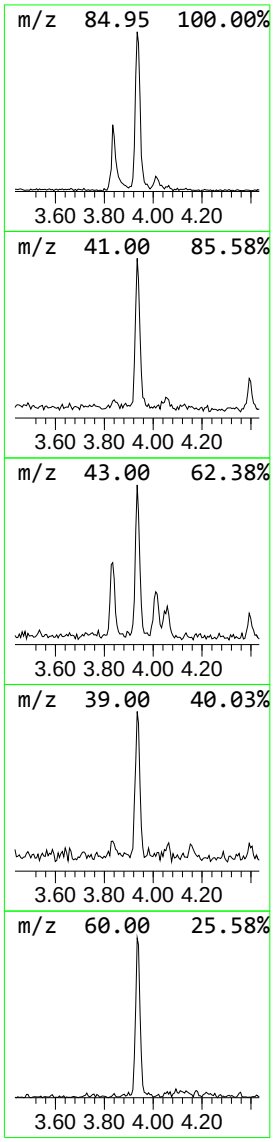
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-(Bromomethyl)acrylic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.934	2.42 ng/ul	89166	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	50
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	2-[2-(5-Norbornenyl)oxy]-tetrahy...	194	C12H18O2	122685-23-8	35
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
5	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

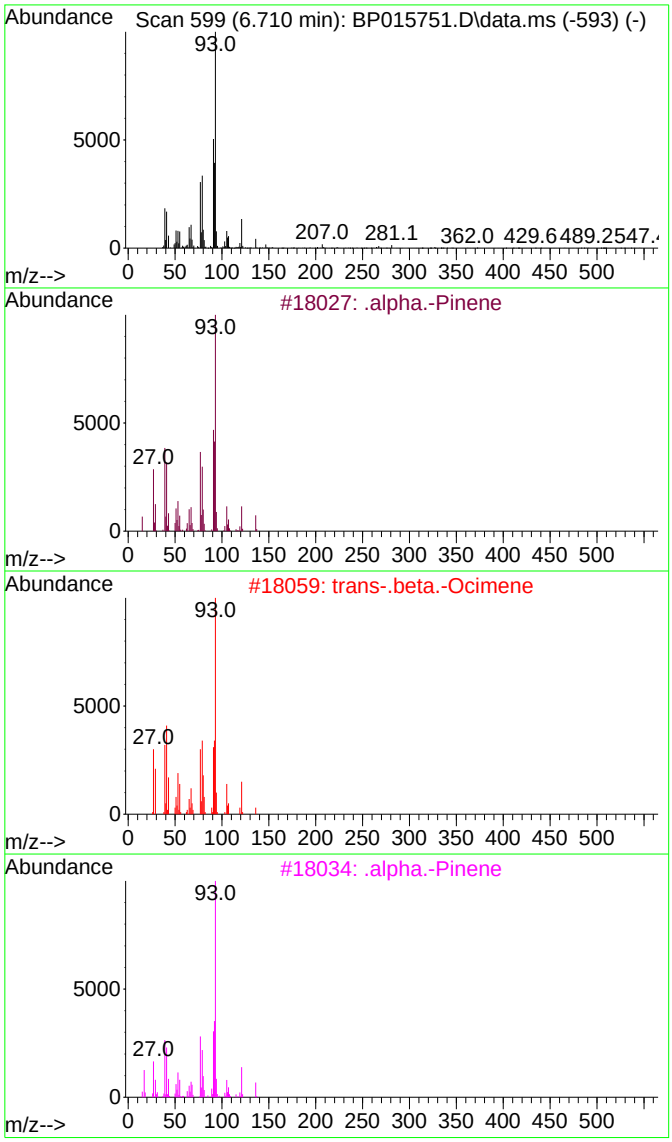
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

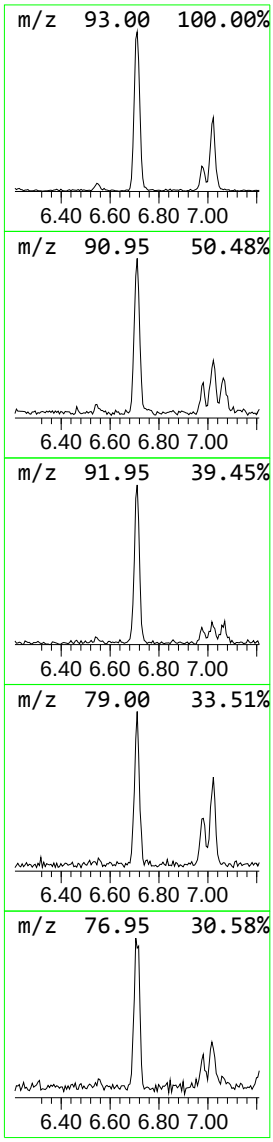
****

Peak Number 2 .alpha.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	2.93 ng/ul	107895	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	87
4	(+)-4-Carene	136	C10H16	029050-33-7	80
5	.gamma.-Terpinene	136	C10H16	000099-85-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
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Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

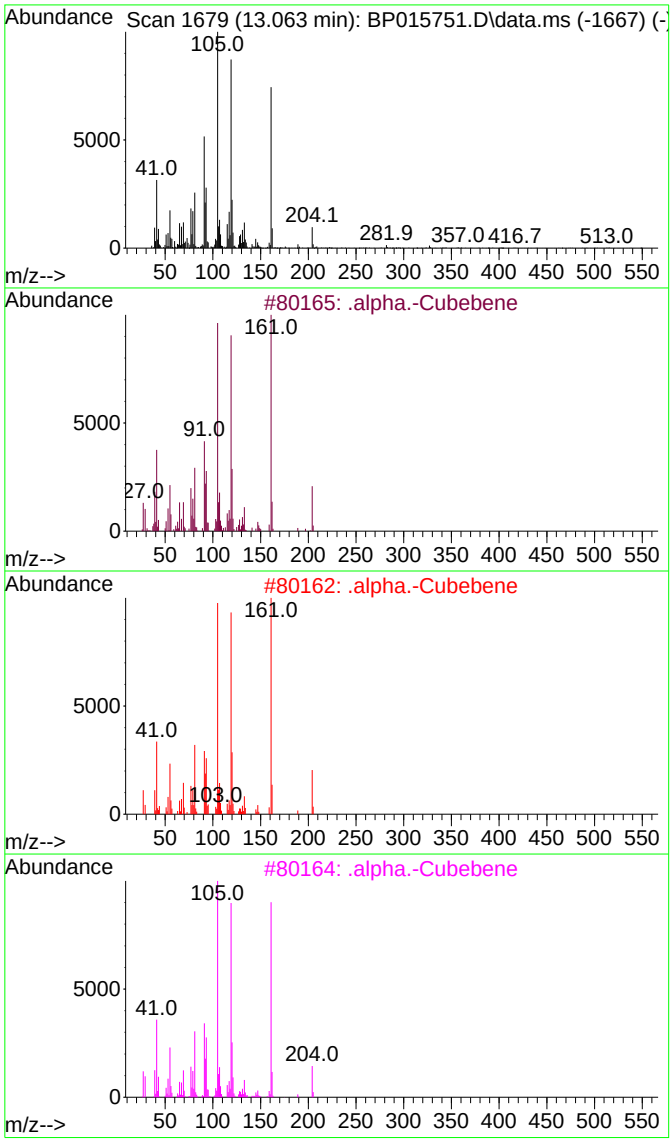
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

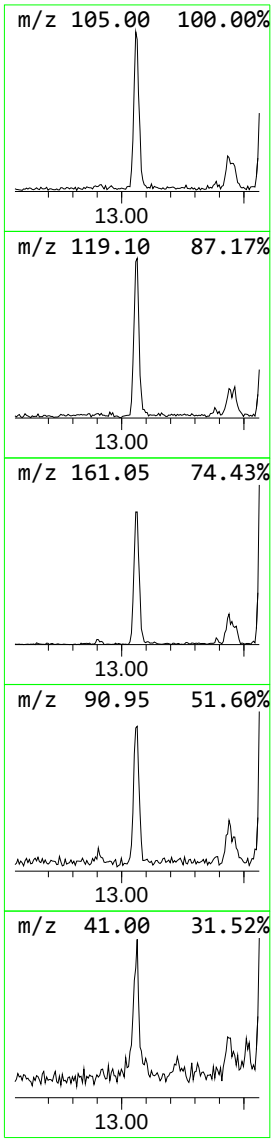
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 .alpha.-Cubebene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.42 ng/ul	139513	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cubebene	204	C15H24	017699-14-8	98
2	.alpha.-Cubebene	204	C15H24	017699-14-8	97
3	.alpha.-Cubebene	204	C15H24	017699-14-8	97
4	Copaene	204	C15H24	003856-25-5	90
5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
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Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

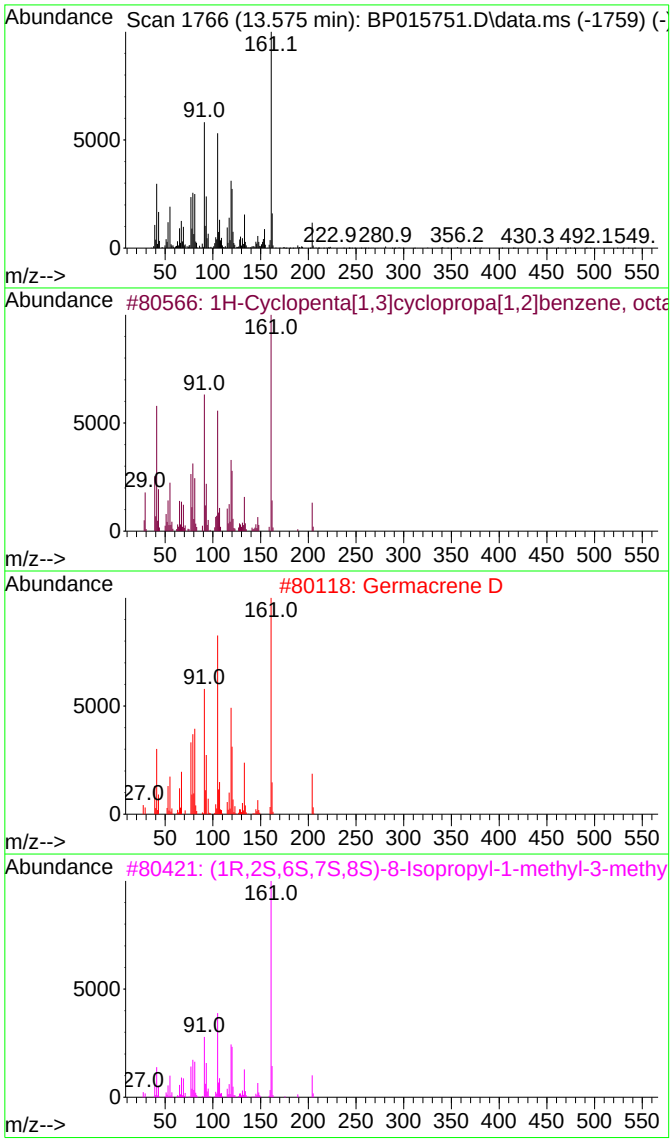
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

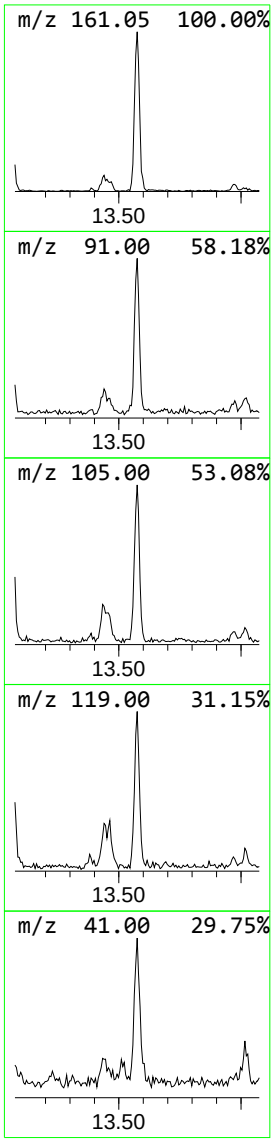
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	3.51 ng/ul	202031	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	99
2	Germacrene D	204	C15H24	023986-74-5	98
3	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	97
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	97
5	Germacrene D	204	C15H24	023986-74-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

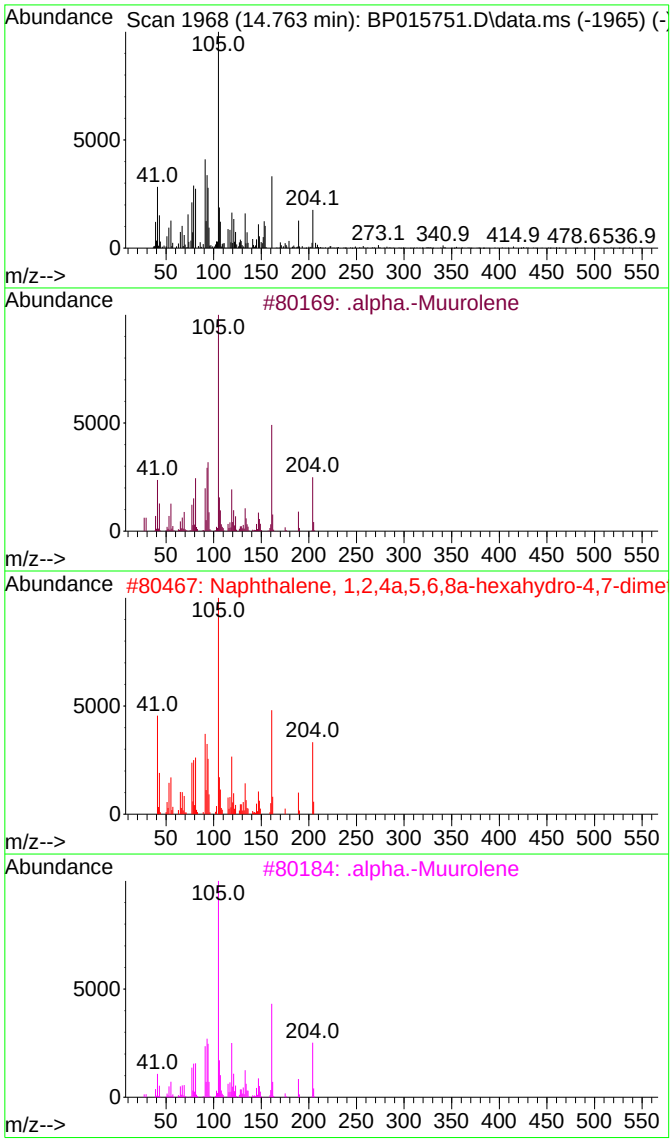
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

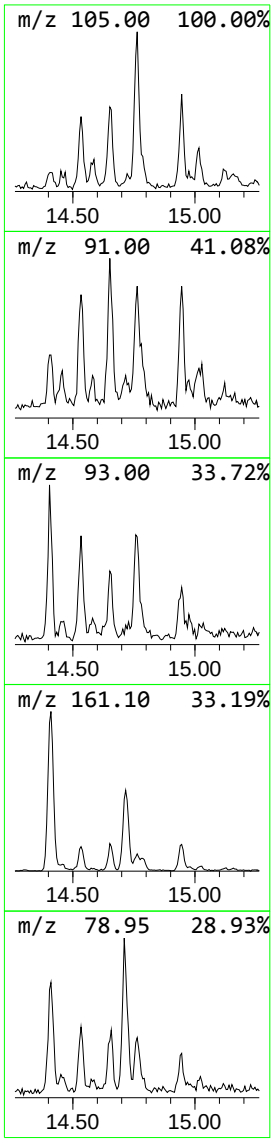
****

Peak Number 5 .alpha.-Muurolene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	2.74 ng/ul	157928	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Muurolene	204	C15H24	010208-80-7	86
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	83
3	.alpha.-Muurolene	204	C15H24	010208-80-7	64
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	64
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	64





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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

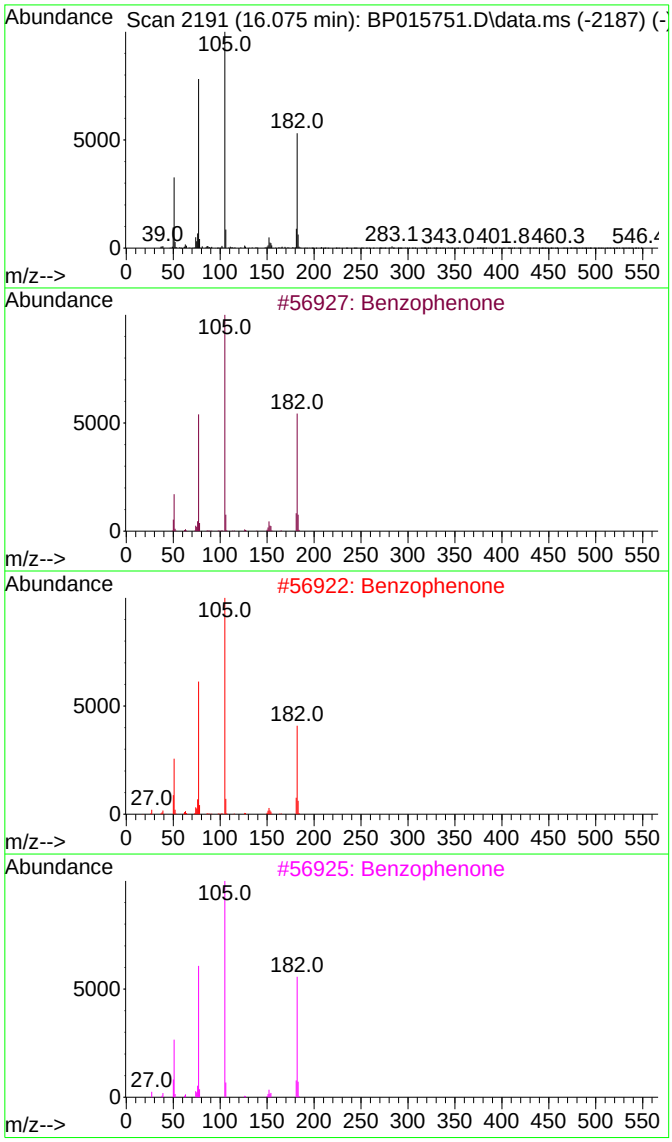
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

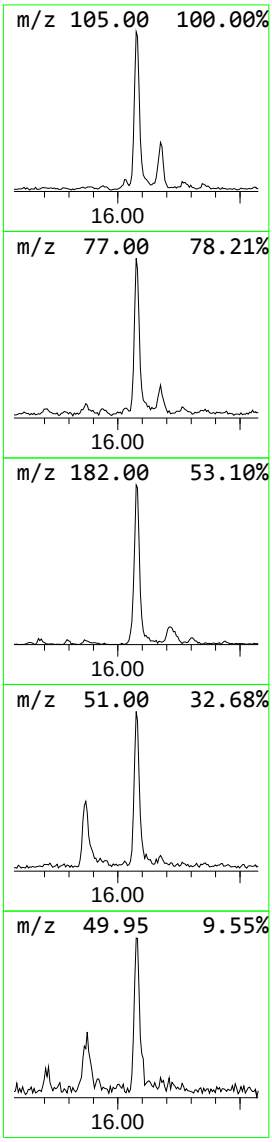
****

Peak Number 6 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	2.81 ng/ul	162061	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	78





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Sample : 03085-14
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

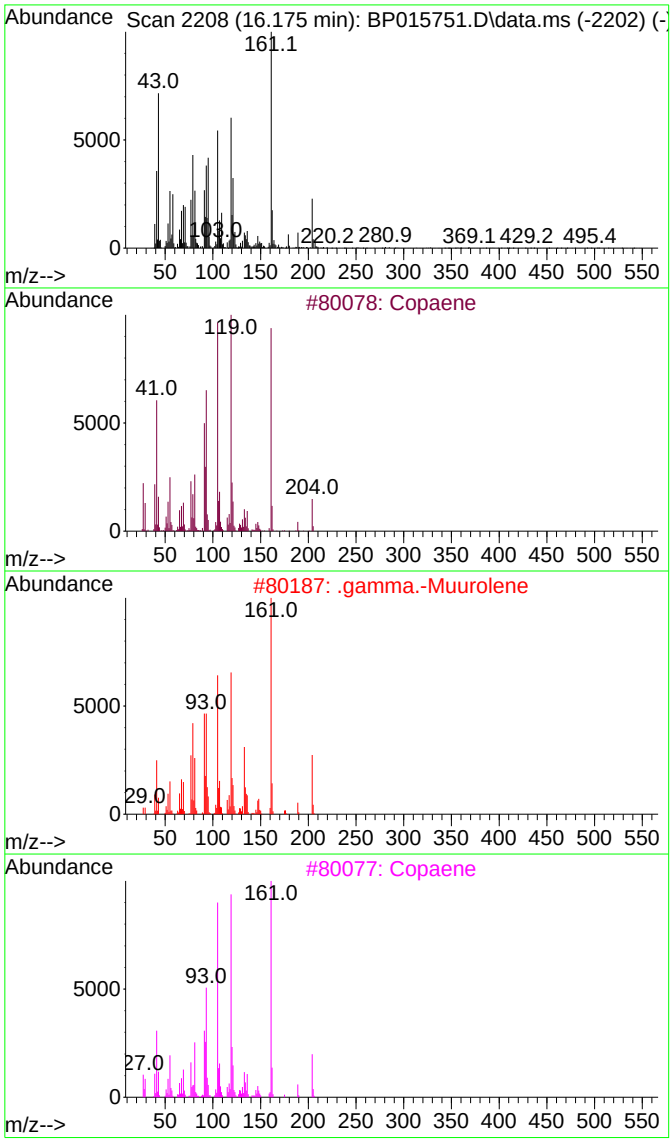
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

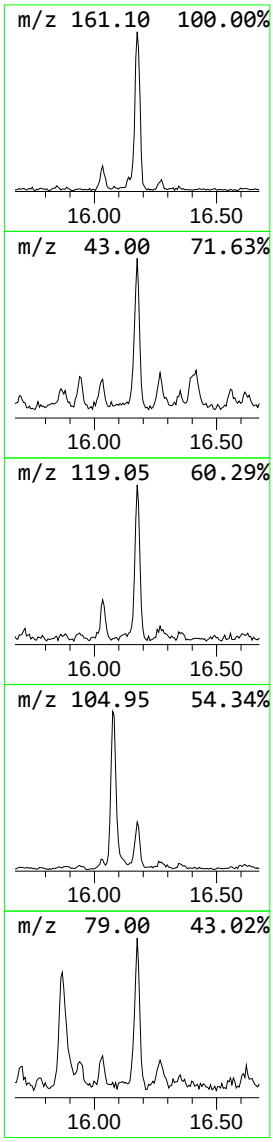
****

Peak Number 7 Copaene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	4.19 ng/ul	283738	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	93
2	.gamma.-Muurolene	204	C15H24	030021-74-0	93
3	Copaene	204	C15H24	003856-25-5	92
4	.alpha.-Cubebene	204	C15H24	017699-14-8	91
5	Copaene	204	C15H24	003856-25-5	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCFQ0

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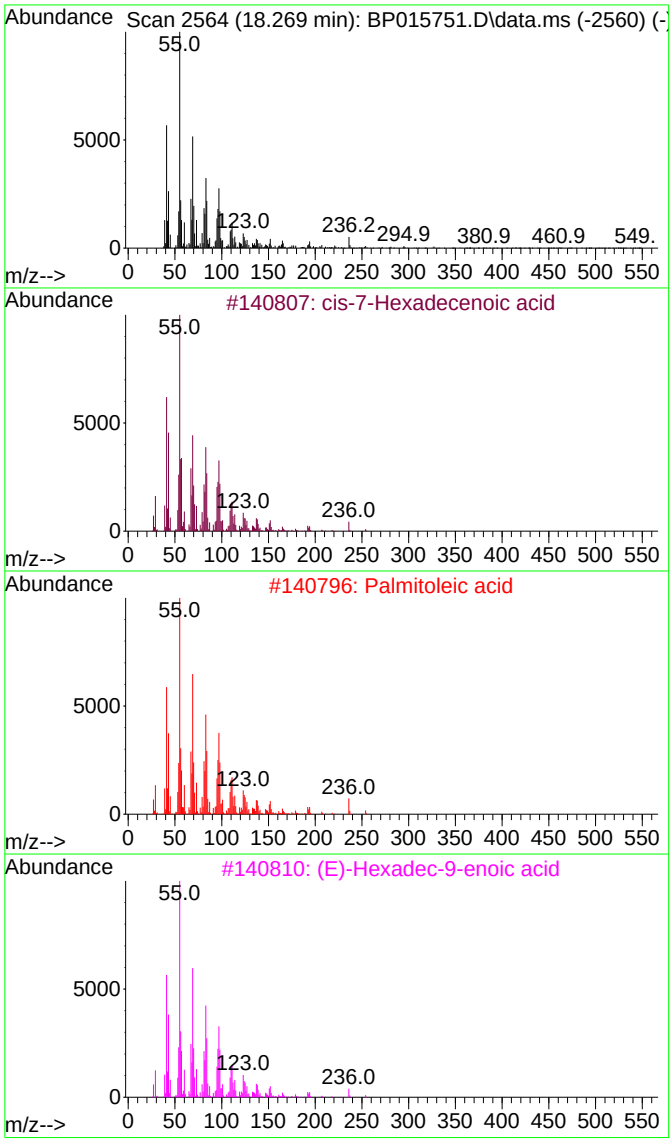
Quant Title : SVOA CALIBRATION

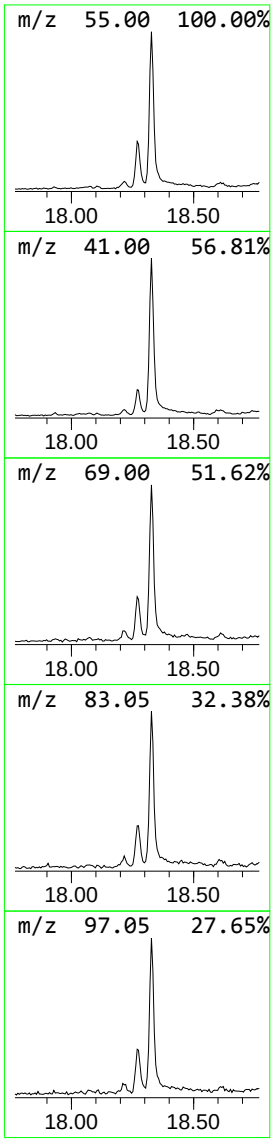
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 cis-7-Hexadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.30 ng/ul	291071	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	99
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	95
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91





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Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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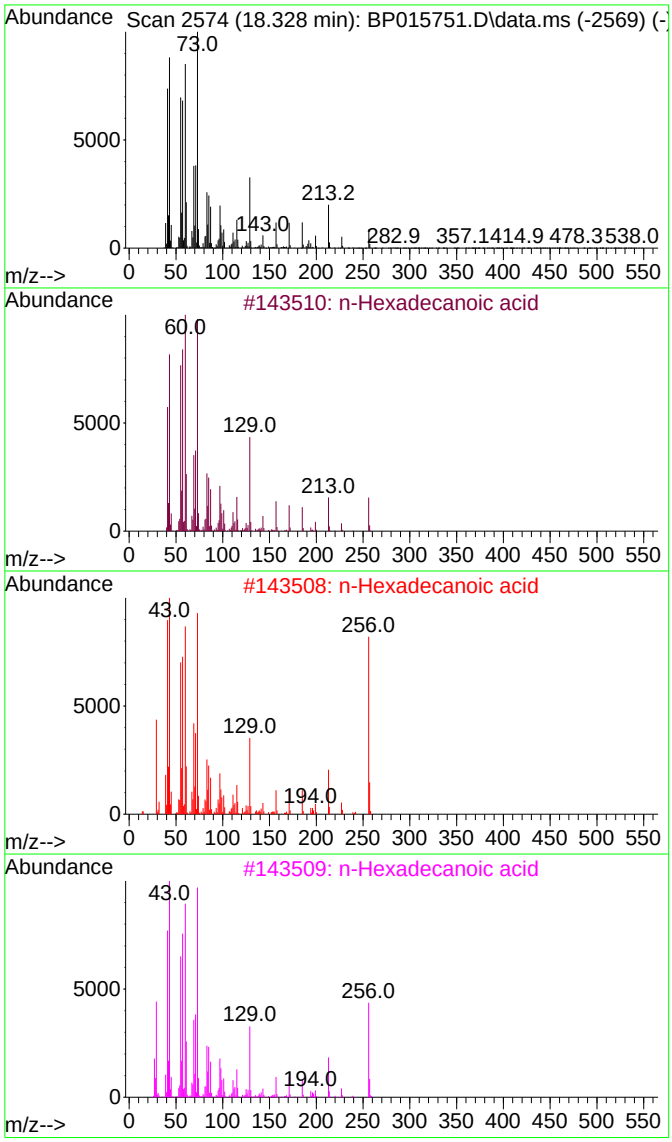
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

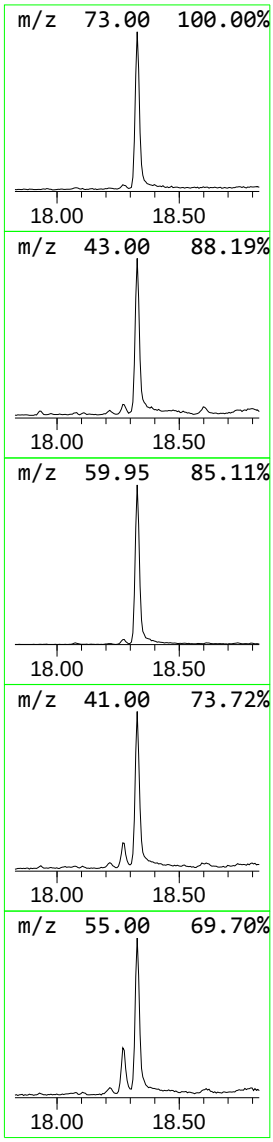
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	24.44 ng/ul	1655050	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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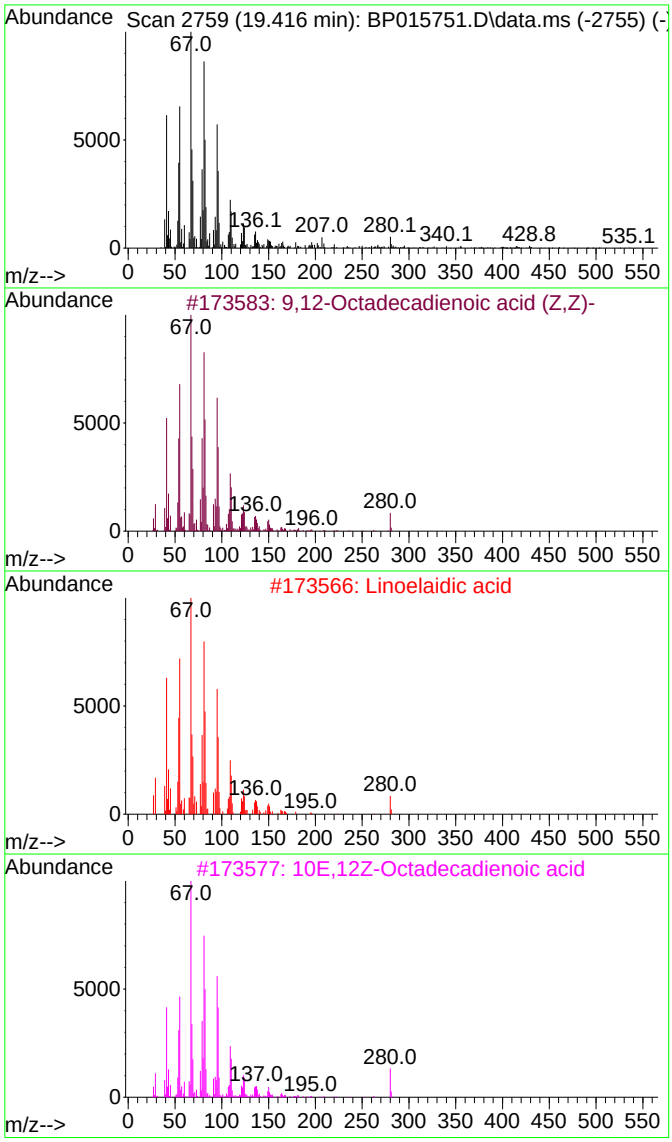
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

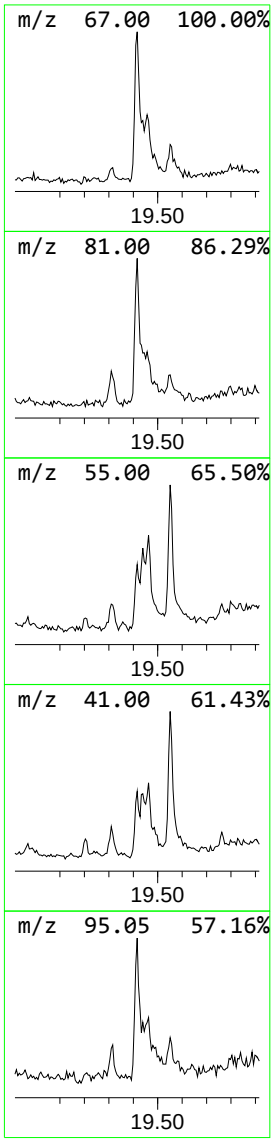
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	3.16 ng/ul	214334	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	98
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	96
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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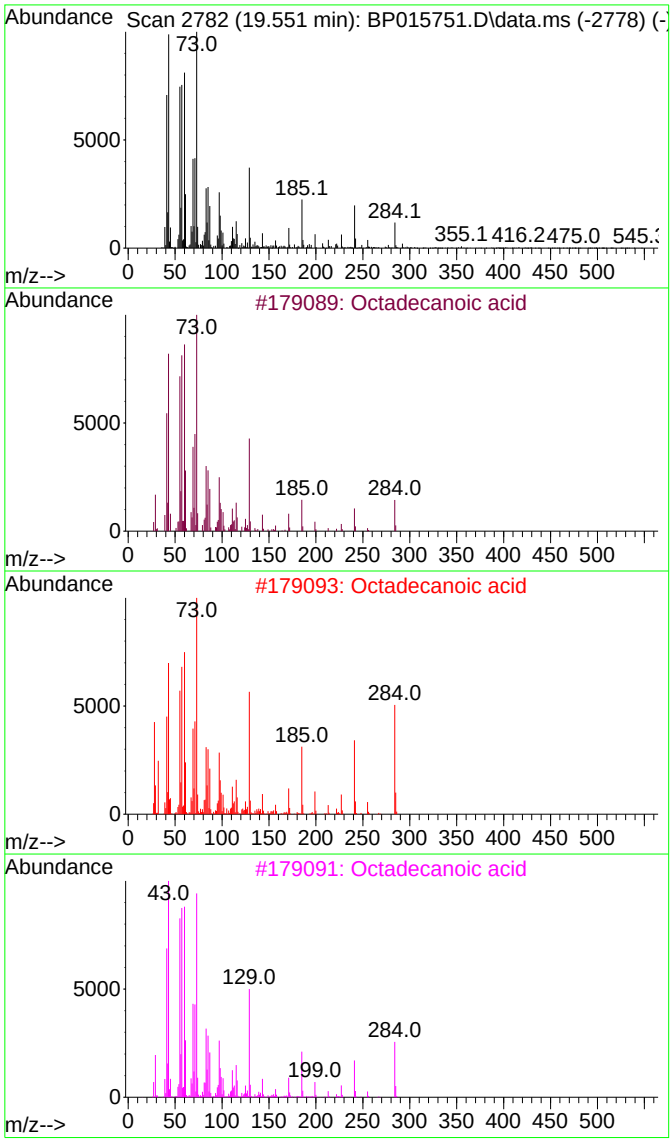
Quant Title : SVOA CALIBRATION

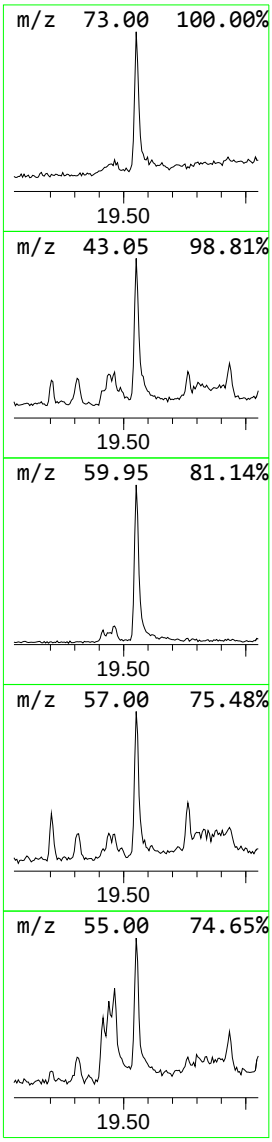
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	3.32 ng/ul	473014	Chrysene-d12	21.557

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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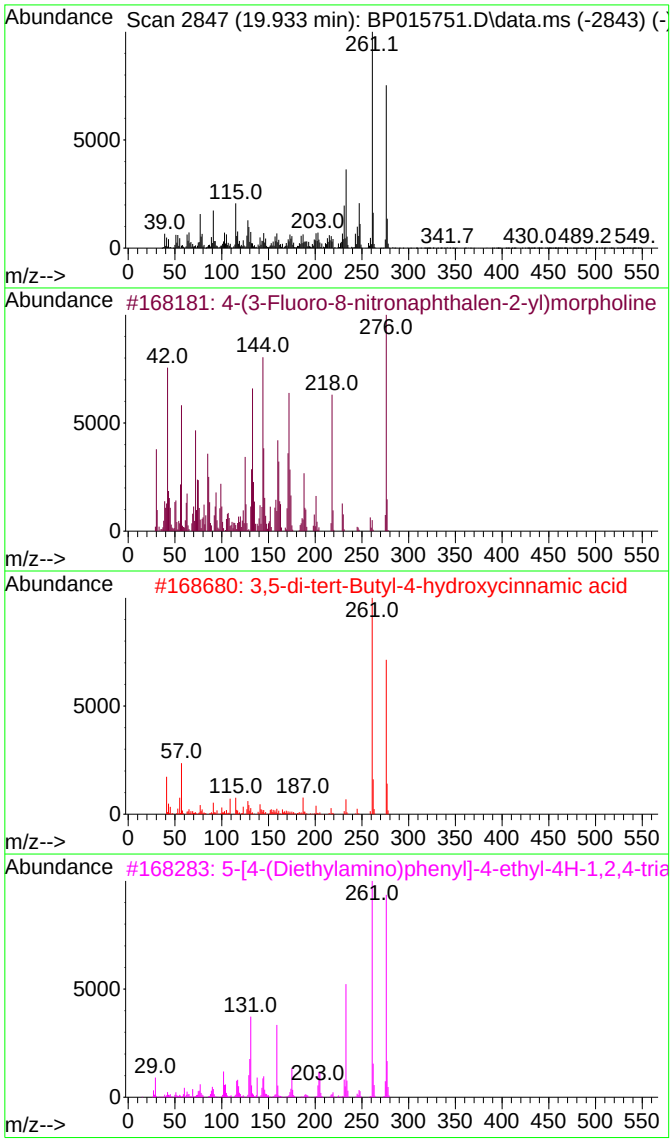
Quant Title : SVOA CALIBRATION

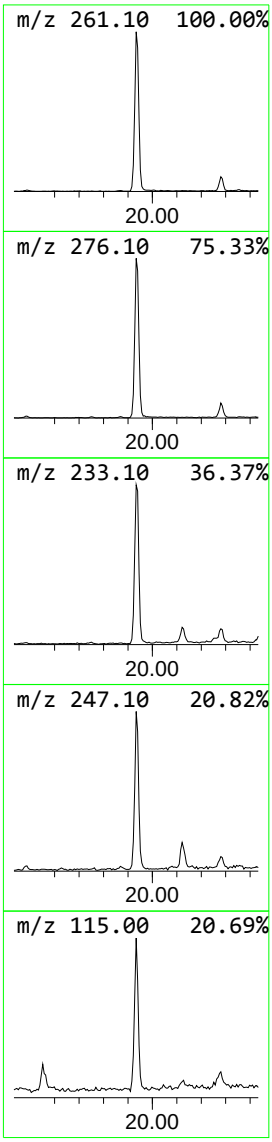
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-(3-Fluoro-8-nitronaphthal... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.933	7.82 ng/ul	1113670	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(3-Fluoro-8-nitronaphthalen-2-...	276	C14H13FN2O3	1000409-37-1	92
2	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
3	5-[4-(Diethylamino)phenyl]-4-eth...	276	C14H20N4S	1000476-62-2	68
4	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	64
5	3-Methoxy-5-pentyl-2-prenylpheno...	276	C18H28O2	083036-53-7	62





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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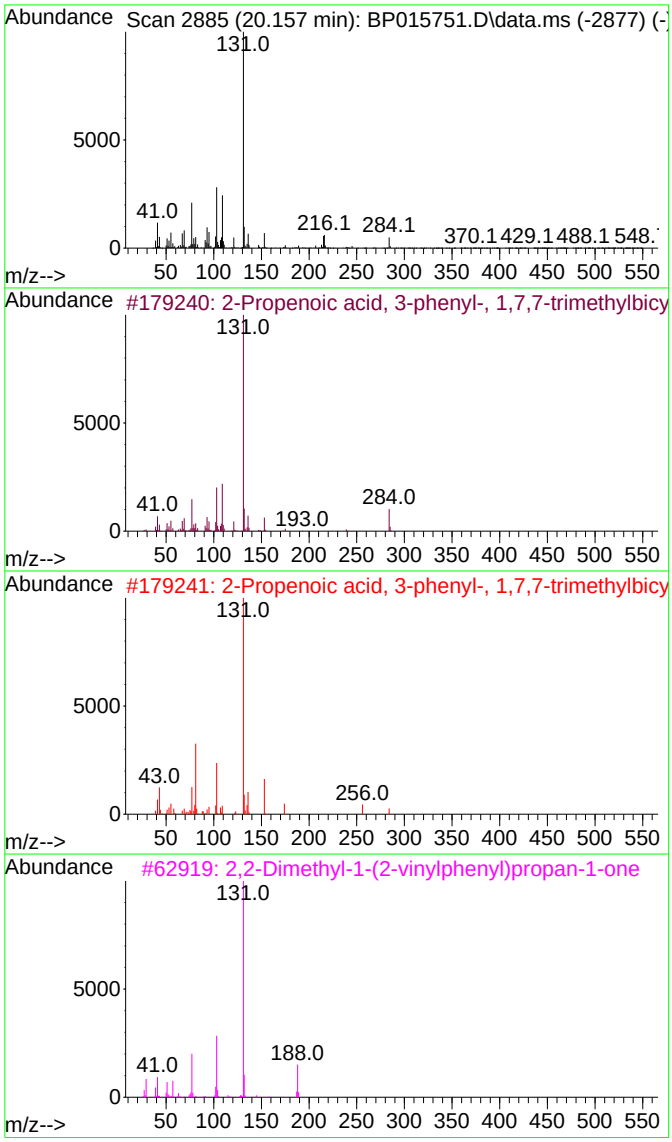
Quant Title : SVOA CALIBRATION

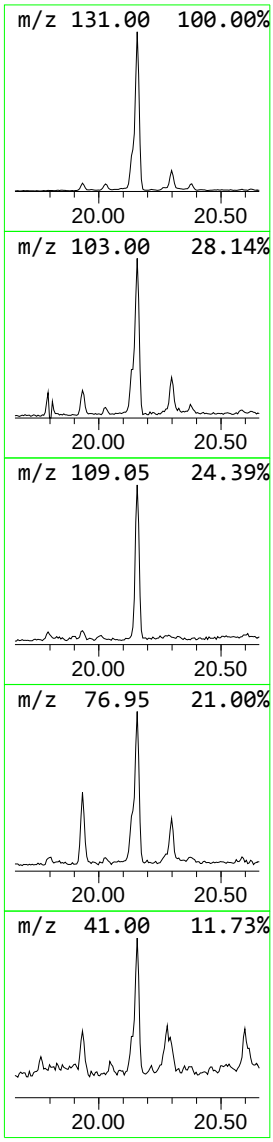
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Propenoic acid, 3-phenyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	7.02 ng/ul	999318	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	98
2	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	59
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	59
4	N-(4-Fluorophenyl)-3-phenyl-2-pr...	337	C17H11F4NO2	1000492-37-5	59
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	59





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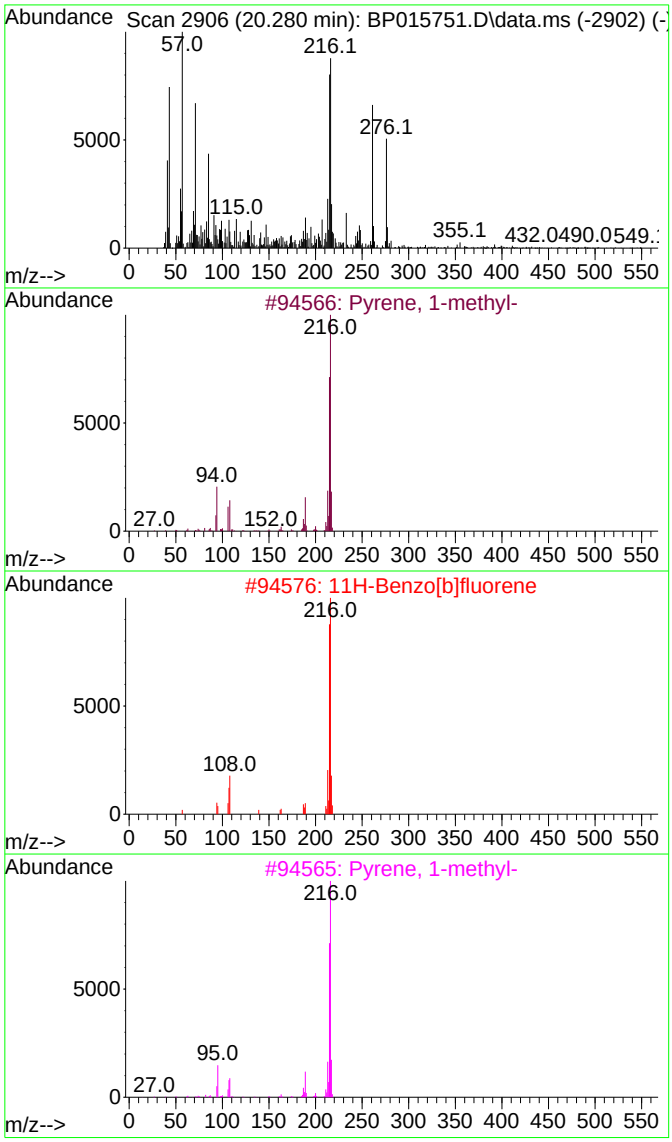
Quant Title : SVOA CALIBRATION

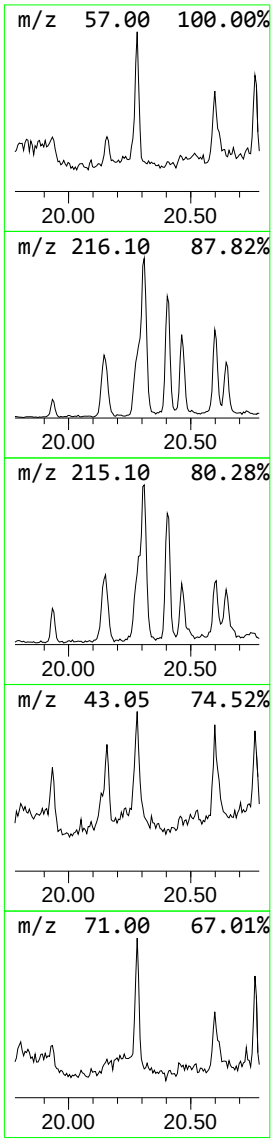
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.280	2.19 ng/ul	311561	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
5	Acetic acid, .alpha.-(1-naphthyl...	276	C19H16O2	1000217-27-2	49





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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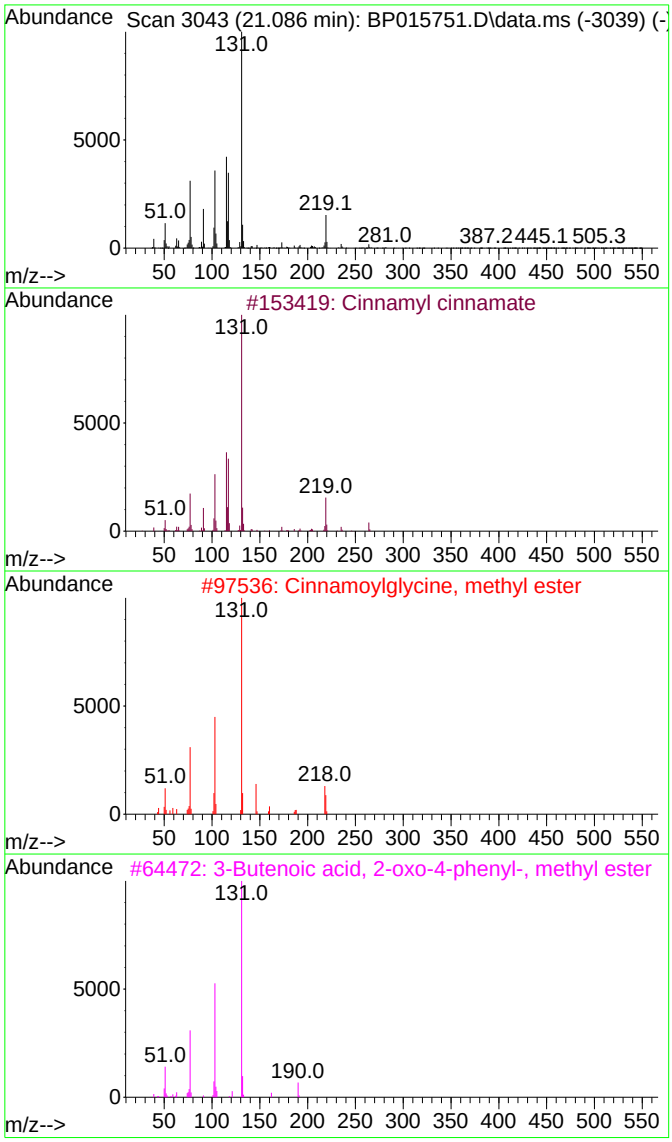
Quant Title : SVOA CALIBRATION

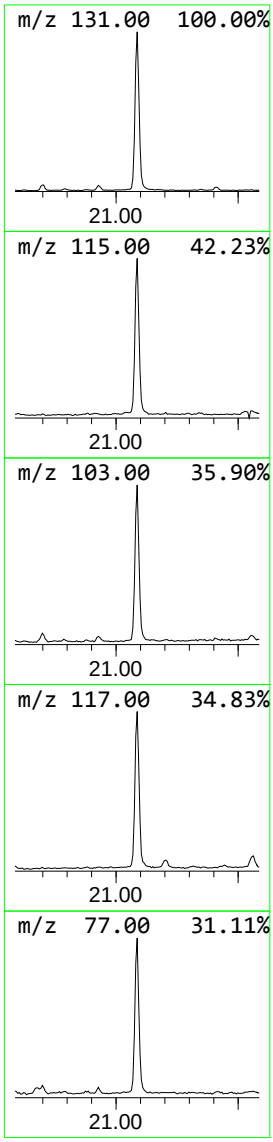
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cinnamyl cinnamate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	9.40 ng/ul	1338760	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	50
3	3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	47
4	(Z)-N-(2-Hydroxyethyl)-3-phenyla...	233	C13H15NO3	1000512-63-0	47
5	N-(3-Chlorophenyl)-3-phenyl-2-pr...	271	C16H14ClNO	1507357-48-3	47





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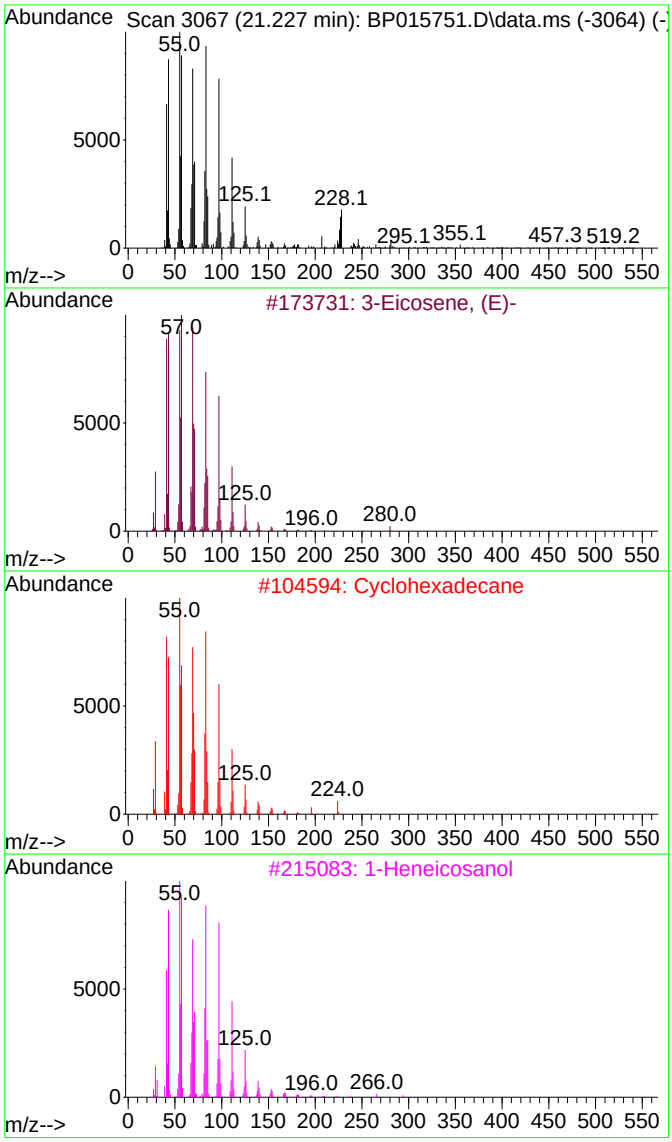
Quant Title : SVOA CALIBRATION

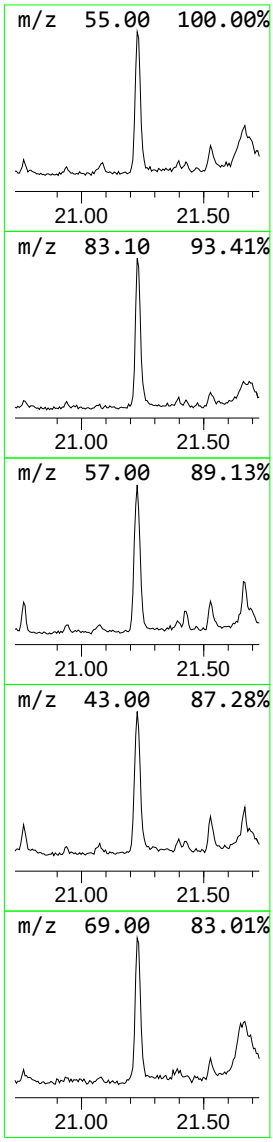
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	6.08 ng/ul	865712	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
DCFQ0

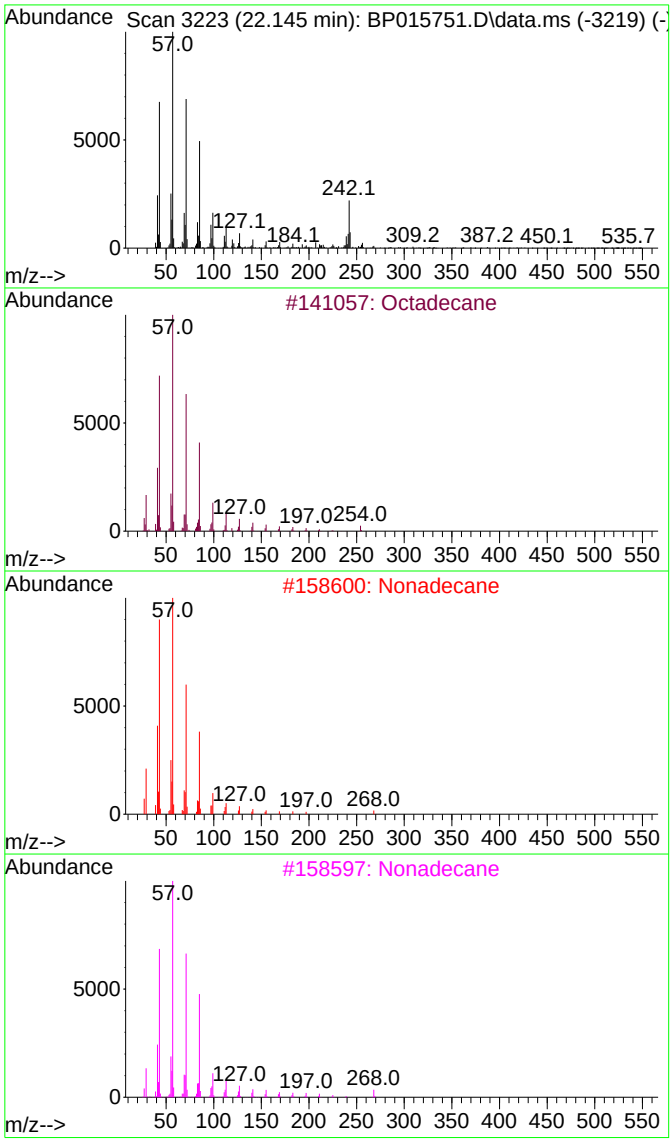
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

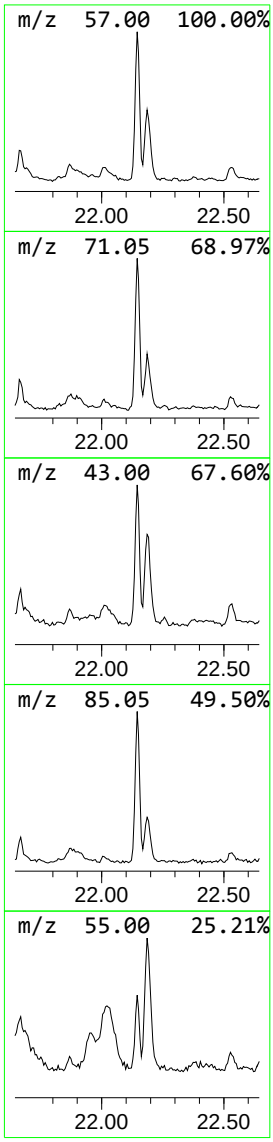
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.145	5.14 ng/ul	732527	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Heptadecane	240	C17H36	000629-78-7	94
5	Heptadecane	240	C17H36	000629-78-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

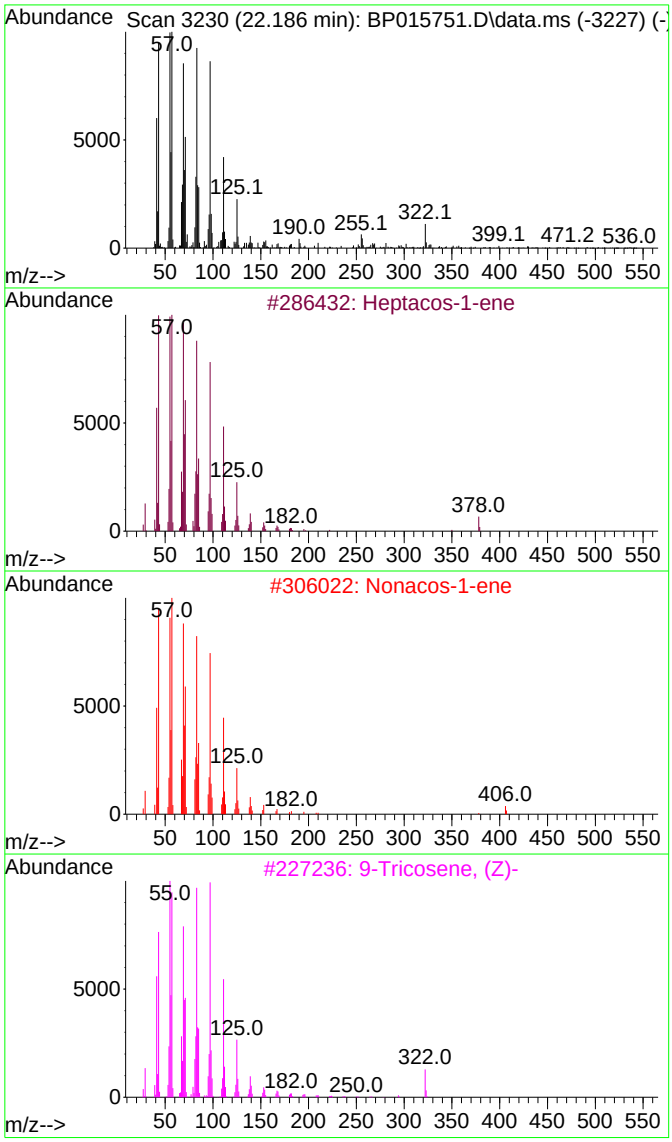
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

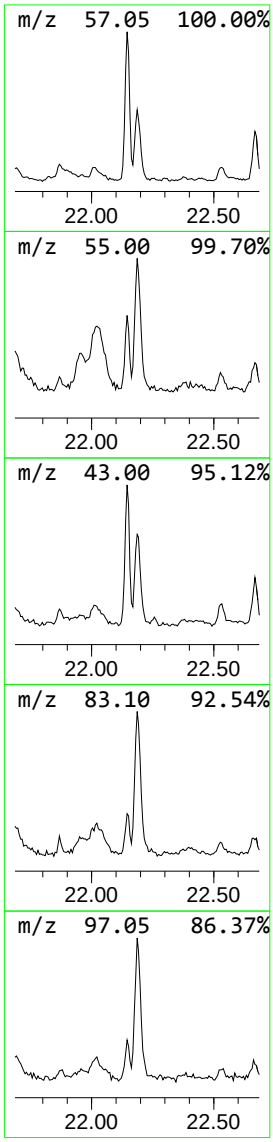
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.186	5.37 ng/ul	765110	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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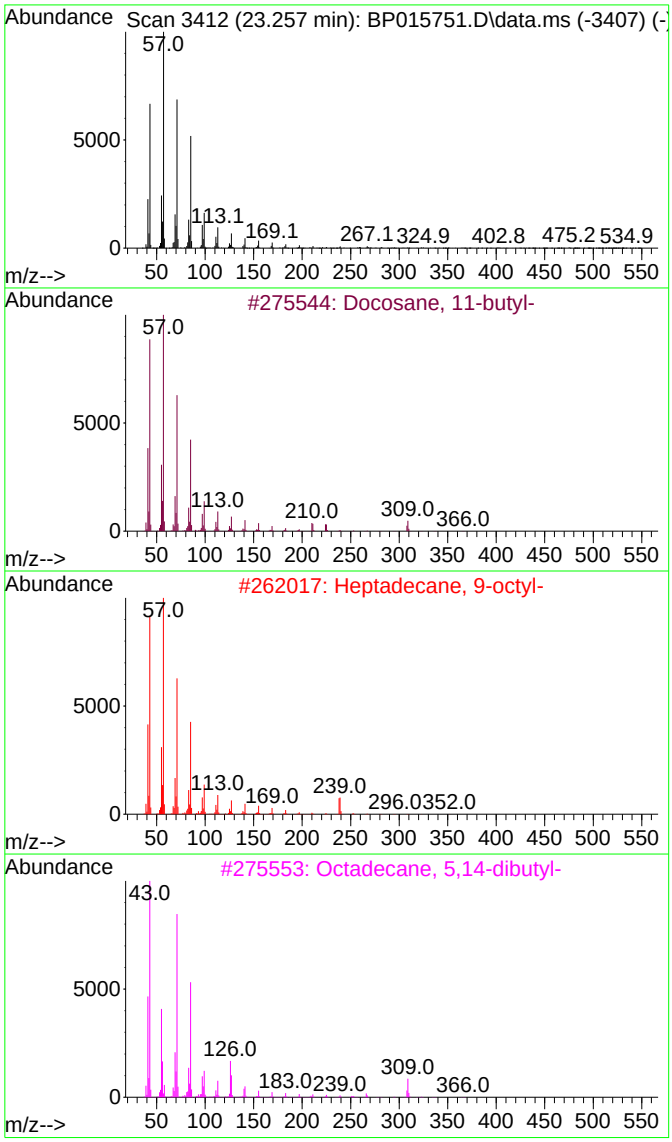
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

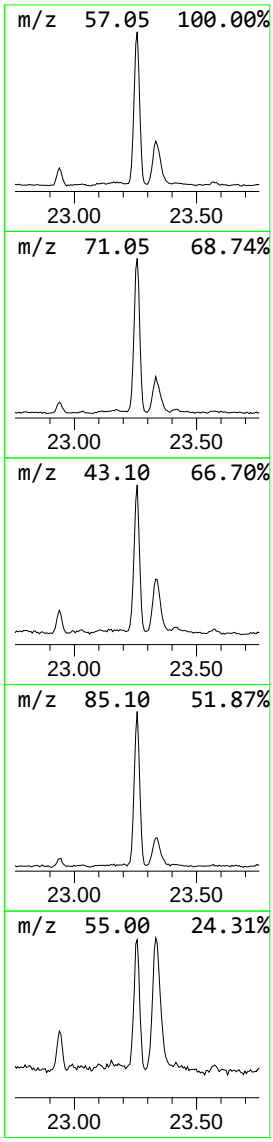
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.257	14.81 ng/ul	1167070	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

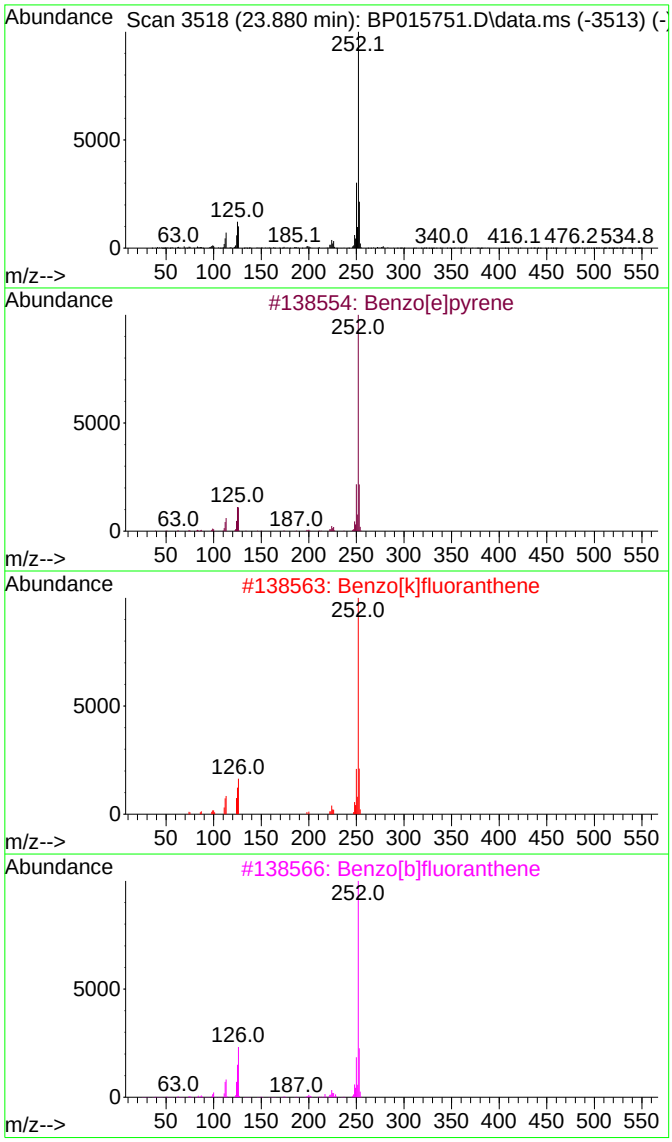
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

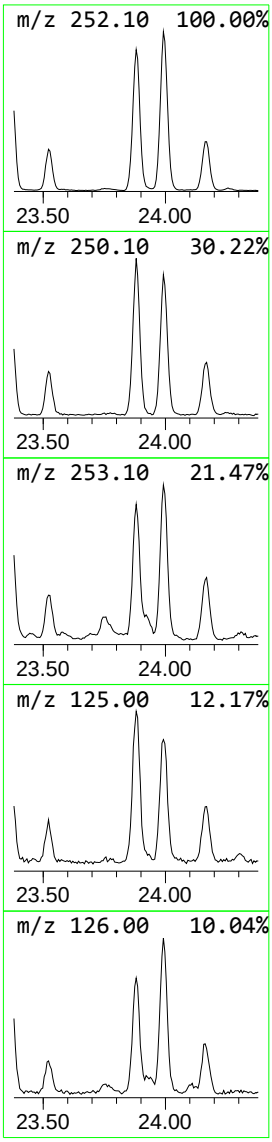
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	12.38 ng/ul	975374	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

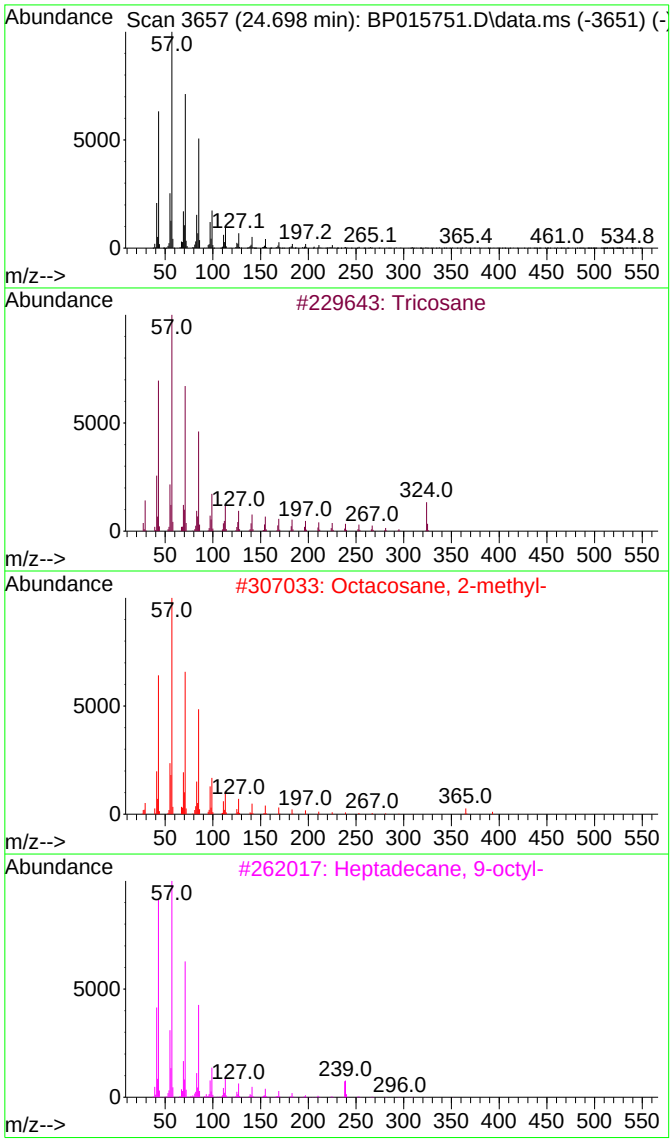
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

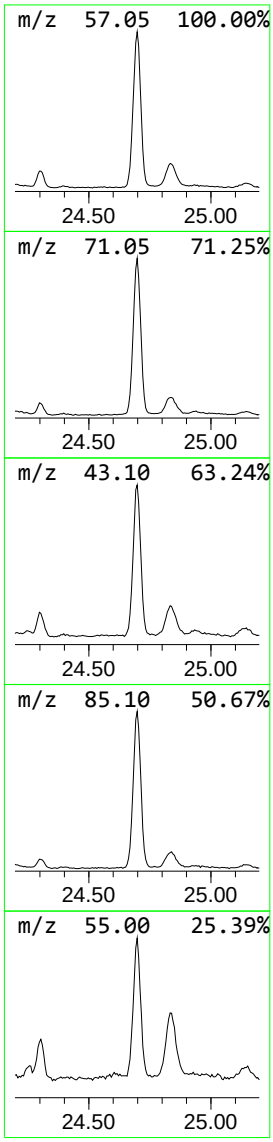
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.698	28.54 ng/ul	2248360	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

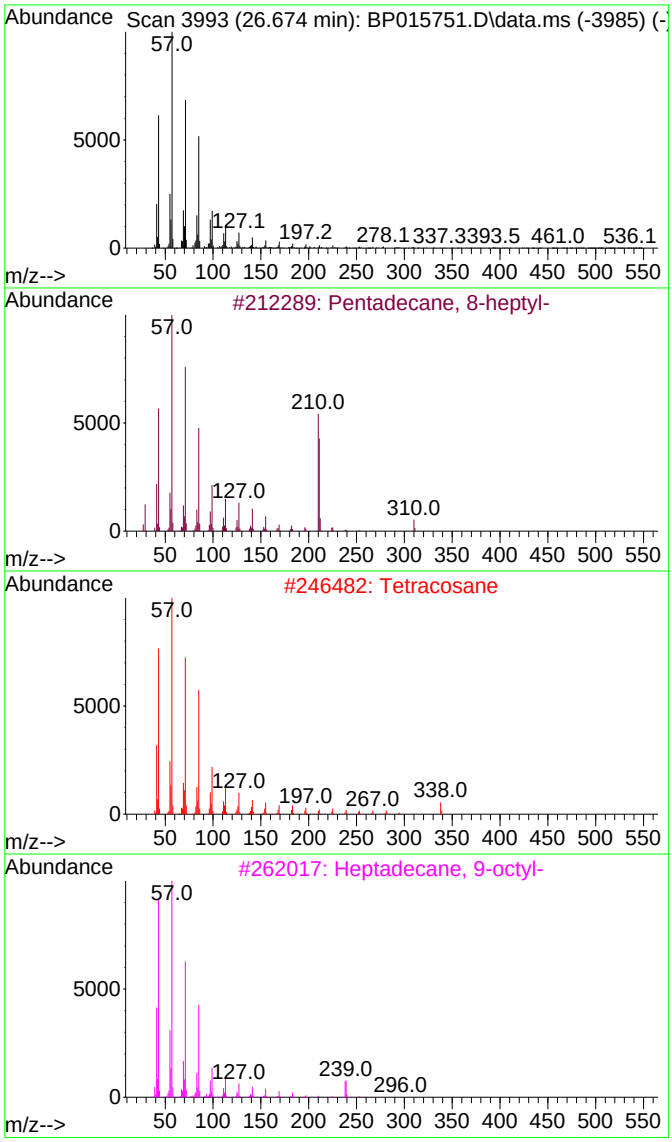
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

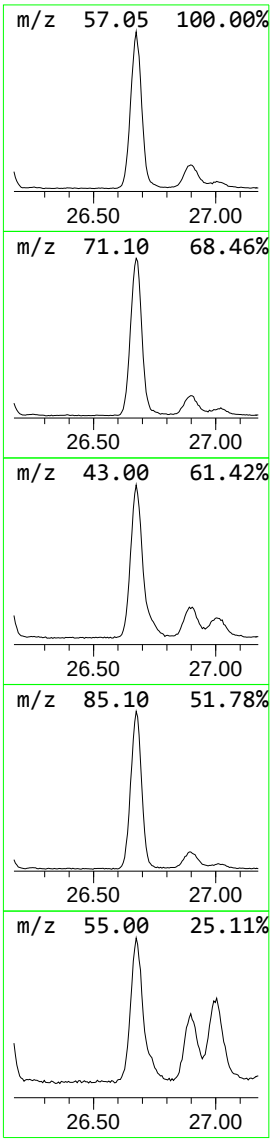
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.674	58.33 ng/ul	4595560	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	97
2	Tetracosane	338	C24H50	000646-31-1	97
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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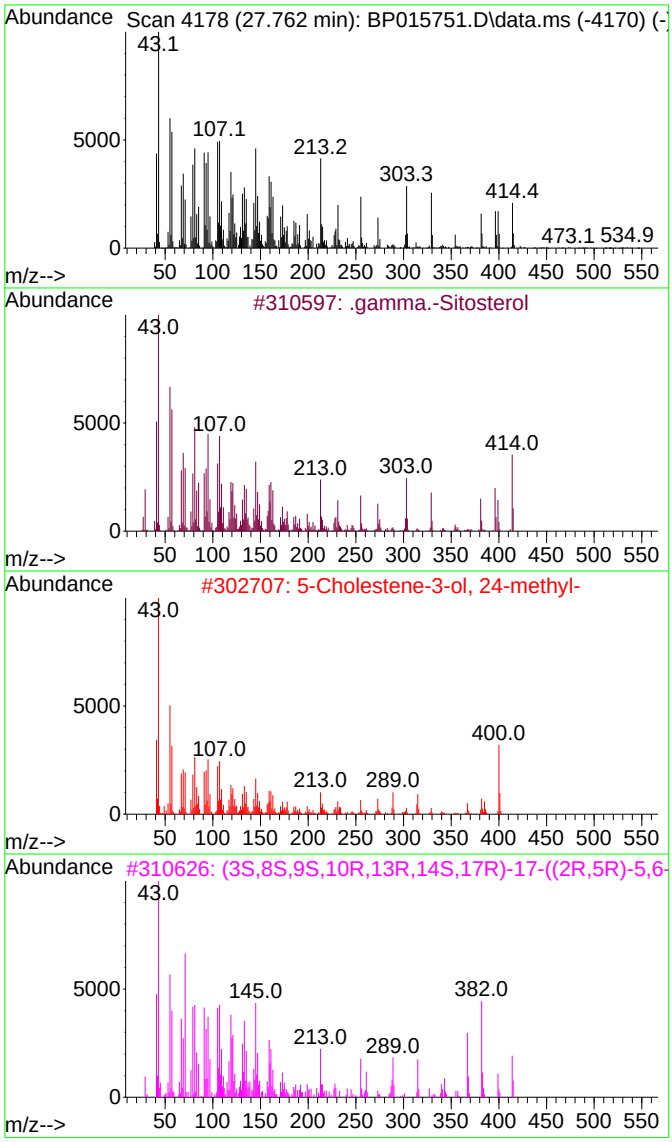
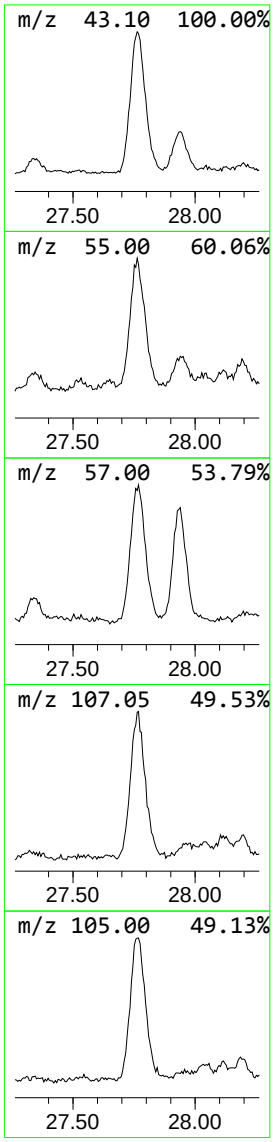
Peak Number 23 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.762	58.92 ng/ul	4642600	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	290299-12-6	89
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	64
4	Campesterol	400	C28H48O	000474-62-4	49
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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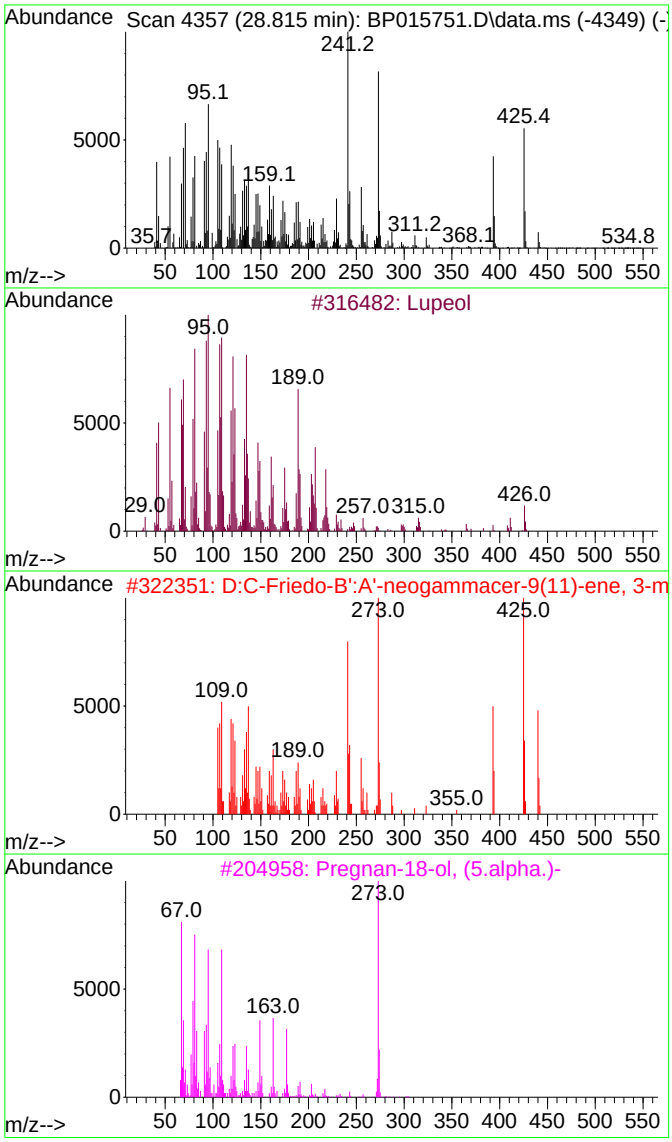
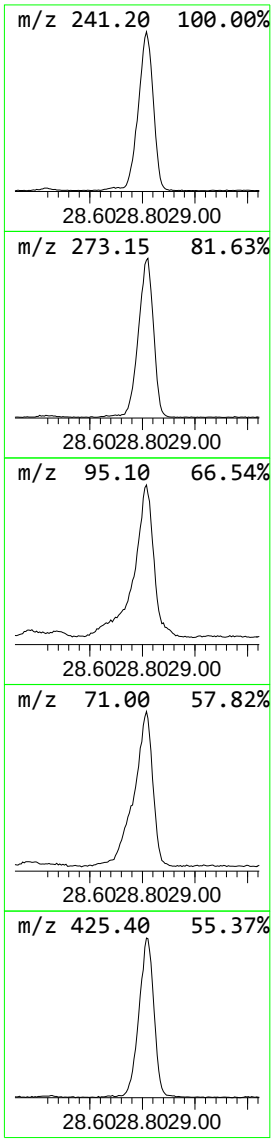
Peak Number 24 Lupeol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.815	156.04 ng/ul	12294100	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	53
2	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	53
3	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	25
4	8-Trifluoromethylcinchoninic acid	241	C11H6F3NO2	031009-01-5	25
5	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	15





Tentatively Identified Compound (LSC) summary

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Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
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Instrument :
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ClientSampleId :
DCFQ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
2-(Bromomethyl)...	3.934	2.4	ng/ul	89166	1	8.063	737643	20.0
.alpha.-Pinene	6.710	2.9	ng/ul	107895	1	8.063	737643	20.0
.alpha.-Cubebene	13.063	2.4	ng/ul	139513	3	14.710	1151760	20.0
1H-Cyclopenta[1...	13.575	3.5	ng/ul	202031	3	14.710	1151760	20.0
.alpha.-Muurolene	14.763	2.7	ng/ul	157928	3	14.710	1151760	20.0
Benzophenone	16.075	2.8	ng/ul	162061	3	14.710	1151760	20.0
Copaene	16.175	4.2	ng/ul	283738	4	17.475	1354470	20.0
cis-7-Hexadecen...	18.269	4.3	ng/ul	291071	4	17.475	1354470	20.0
n-Hexadecanoic ...	18.328	24.4	ng/ul	1655050	4	17.475	1354470	20.0
9,12-Octadecadi...	19.416	3.2	ng/ul	214334	4	17.475	1354470	20.0
Octadecanoic acid	19.551	3.3	ng/ul	473014	5	21.557	2847830	20.0
4-(3-Fluoro-8-n...	19.933	7.8	ng/ul	1113670	5	21.557	2847830	20.0
2-Propenoic aci...	20.157	7.0	ng/ul	999318	5	21.557	2847830	20.0
Pyrene, 1-methyl-	20.280	2.2	ng/ul	311561	5	21.557	2847830	20.0
Cinnamyl cinnamate	21.086	9.4	ng/ul	1338760	5	21.557	2847830	20.0
(DEL) Alkane: S...	21.227	6.1	ng/ul	865712	5	21.557	2847830	20.0
(DEL) Alkane: S...	22.145	5.1	ng/ul	732527	5	21.557	2847830	20.0
(DEL) Alkane: S...	22.186	5.4	ng/ul	765110	5	21.557	2847830	20.0
(DEL) Alkane: S...	23.257	14.8	ng/ul	1167070	6	24.110	1575770	20.0
Benzo[e]pyrene	23.880	12.4	ng/ul	975374	6	24.110	1575770	20.0
(DEL) Alkane: S...	24.698	28.5	ng/ul	2248360	6	24.110	1575770	20.0
(DEL) Alkane: S...	26.674	58.3	ng/ul	4595560	6	24.110	1575770	20.0
.gamma.-Sitosterol	27.762	58.9	ng/ul	4642600	6	24.110	1575770	20.0
Lupeol	28.815	156.0	ng/ul	12294100	6	24.110	1575770	20.0