LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4C46

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN032238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	38	rVB	54905	82376	1.17%	0.074%
2	3.434	72	76	85	rBV	118676	178767	2.54%	0.160%
3	3.581	99	101	113	rBV	67869	100467	1.43%	0.090%
4	3.670	113	116	126	rVB	45362	64996	0.92%	0.058%
5	3.875	148	151	157	rVB	34077	52565	0.75%	0.047%
6	4.422	240	244	251	rVB	58972	82717	1.17%	0.074%
7	4.769	294	303	311	rVB	142534	224303	3.18%	0.200%
8	5.734	460	467	477	rVB2	30576	65268	0.93%	0.058%
9	6.311	559	565	572	rVB	59976	97967	1.39%	0.087%
10	6.616	606	617	622	rBV	58056	103422	1.47%	0.092%
11	6.822	640	652	666	rBV	898469	1622849	23.03%	1.449%
12	6.975	672	678	687	rBV	765616	1206473	17.12%	1.077%
13	7.058	689	692	703	rVB2	31538	67163	0.95%	0.060%
14	7.169	703	711	718	rBV	1020912	1681688	23.86%	1.502%
15	7.240	718	723	734	rVV	72185	147786	2.10%	0.132%
16	7.628	779	789	797	rBV	950347	1546248	21.94%	1.381%
17	8.346	903	911	921	rBV	1180503	1978710	28.08%	1.767%
18	8.452	924	929	936	rVB	83358	148681	2.11%	0.133%
19	8.787	979	986	1002	rBV	900995	1550495	22.00%	1.384%
20	9.352	1075	1082	1094	rVB	93798	156492	2.22%	0.140%
21	9.505	1100	1108	1122	rBV	729484	1310129	18.59%	1.170%
22	9.693	1133	1140	1146	rBV	25143	58275	0.83%	0.052%
23	9.828	1156	1163	1173	rVV2	90575	171781	2.44%	0.153%
24	10.046	1192	1200	1216	rBV	1071247	2000085	28.38%	1.786%
25	10.410	1252	1262	1267	rBV	1227533	2111816	29.97%	1.886%
26	10.457	1267	1270	1280	rVV	153310	245356	3.48%	0.219%
27	10.563	1280	1288	1311	rVV	328144	744001	10.56%	0.664%
28	10.957	1347	1355	1365	rBV4	46441	98727	1.40%	0.088%
29	11.157	1382	1389	1397	rBV	209764	406629	5.77%	0.363%
30	11.769	1487	1493	1498	rBV2	44424	77540	1.10%	0.069%
31	11.881	1505	1512	1528	rVV	1380728	2318495	32.90%	2.070%
32	12.004	1528	1533	1539	rVV	27808	57560	0.82%	0.051%
33	12.075	1539	1545	1551	rVV	72150	120953	1.72%	0.108%
34	12.299	1576	1583	1592	rVB	51492	94586	1.34%	0.084%
35	13.098	1713	1719	1722	rBV2	31156	65263	0.93%	0.058%
36	13.587	1797	1802	1807	rBV4	71211	129550	1.84%	0.116%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

37	13.693	1814	1820	1827	rVV	1898702	2674201	37.95%	2.388%
38	13.751	1827	1830	1834	rVB3	51982	74520	1.06%	0.067%
39	13.969	1854	1867	1884	rBV	2287140	3870356	54.92%	3.456%
40	14.169	1894	1901	1906	rVB4	27810	48283	0.69%	0.043%
41	14.275	1906	1919	1925	rBV	1865493	2861750	40.61%	2.555%
42	14.340	1925	1930	1939	rVB	155776	255191	3.62%	0.228%
43	14.522	1950	1961	1970	rBV	736908	1511803	21.45%	1.350%
44	14.640	1976	1981	1983	rBV2	100891	151257	2.15%	0.135%
45	14.675	1983	1987	1997	rVV2	155660	325351	4.62%	0.291%
46	14.892	2019	2024	2029	rBV3	27019	53940	0.77%	0.048%
47	15.069	2046	2054	2057	rBV6	33814	70742	1.00%	0.063%
48	15.163	2066	2070	2074	rVB4	29924	46718	0.66%	0.042%
49	15.275	2082	2089	2094	rBV	2704747	4107853	58.29%	3.668%
50	15.328	2094	2098	2108	rVB	169165	276677	3.93%	0.247%
51	15.416	2108	2113	2122	rBV	419474	674406	9.57%	0.602%
52	15.610	2142	2146	2155	rVB3	229780	378559	5.37%	0.338%
53	15.769	2170	2173	2181	rVB	61109	119953	1.70%	0.107%
54	15.857	2181	2188	2193	rVB5	27525	65267	0.93%	0.058%
55	16.010	2207	2214	2220	rVB3	147487	274648	3.90%	0.245%
56	16.334	2262	2269	2273	rBV4	45875	99502	1.41%	0.089%
57	16.439	2283	2287	2291	rBV5	45623	72167	1.02%	0.064%
58	16.687	2325	2329	2335	rBV	120809	185132	2.63%	0.165%
59	16.781	2338	2345	2349	rBV4	68822	130216	1.85%	0.116%
60	16.845	2352	2356	2364	rVB	142359	236932	3.36%	0.212%
61	16.934	2368	2371	2377	rBV5	40353	61711	0.88%	0.055%
62	17.028	2381	2387	2391	rBV	2083256	3129050	44.40%	2.794%
63	17.069	2391	2394	2399	rVV	2111958	2958288	41.98%	2.641%
64	17.128	2399	2404	2408	rVV2	2953817	4312211	61.19%	3.850%
65	17.163	2408	2410	2415	rVB	492111	544151	7.72%	0.486%
66	17.439	2449	2457	2468	rBV2	210040	513337	7.28%	0.458%
67	17.522	2468	2471	2473	rBV2	47078	56751	0.81%	0.051%
68	17.545	2473	2475	2482	rVB3	61789	84052	1.19%	0.075%
69	17.610	2482	2486	2490	rBV2	80008	132297	1.88%	0.118%
70	17.904	2532	2536	2537	rBV	317447	355699	5.05%	0.318%
71	17.928	2537	2540	2549	rVV2	993847	2130496	30.23%	1.902%
72	17.998	2549	2552	2555	rVV	147675	192148	2.73%	0.172%
73	18.033	2555	2558	2563	rVB	163993	230290	3.27%	0.206%
74	18.098	2563	2569	2573	rBV2	475749	868805	12.33%	0.776%
75	18.133	2573	2575	2582	rVB	256103	329917	4.68%	0.295%
76	18.216	2586	2589	2593	rVV2	85256	110916	1.57%	0.099%

LSC Area Percent Report

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Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

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
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

77	18.410	2618	2622	2626	rBV	262142	349939	4.97%	0.312%
78	18.457	2627	2630	2635	rVB	247775	317387	4.50%	0.283%
79	18.704	2670	2672	2676	rBV	64311	58794	0.83%	0.052%
80	18.828	2689	2693	2696	rBV	231264	373229	5.30%	0.333%
81	18.980	2714	2719	2725	rBV4	211246	451176	6.40%	0.403%
82	19.098	2731	2739	2745	rBV	4433733	6209628	88.11%	5.545%
83	19.216	2756	2759	2763	rBV	392980	513201	7.28%	0.458%
84	19.433	2791	2796	2799	rBV2	3869958	5868530	83.27%	5.240%
85	19.463	2799	2801	2809	rVB	3248257	3920406	55.63%	3.500%
86	19.533	2810	2813	2820	rVB2	216843	320905	4.55%	0.287%
87	19.786	2852	2856	2864	rVB2	252266	551399	7.82%	0.492%
88	19.957	2882	2885	2891	rVB2	519262	987665	14.01%	0.882%
89	20.922	3046	3049	3051	rBV	486941	614241	8.72%	0.548%
90	20.951	3051	3054	3063	rVB4	2032179	3000878	42.58%	2.679%
91	21.263	3101	3107	3112	rBV3	2980490	7047222	100.00%	6.292%
92	21.316	3113	3116	3126	rVB	2044326	3109157	44.12%	2.776%
93	21.998	3228	3232	3235	rBV2	1073109	1759511	24.97%	1.571%
94	22.033	3235	3238	3245	rVB	1207720	1898124	26.93%	1.695%
95	23.274	3443	3449	3454	rBV2	1313663	3563534	50.57%	3.182%
96	23.333	3455	3459	3466	rVV2	1939335	3905284	55.42%	3.487%
97	23.410	3468	3472	3482	rVB2	998662	2188215	31.05%	1.954%
98	23.992	3566	3571	3577	rVB2	1225311	2459115	34.89%	2.196%
99	24.192	3600	3605	3613	rVB	1447544	3370960	47.83%	3.010%
100	25.310	3789	3795	3811	rVB	1077463	3411570	48.41%	3.046%

Sum of corrected areas: 111995792

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
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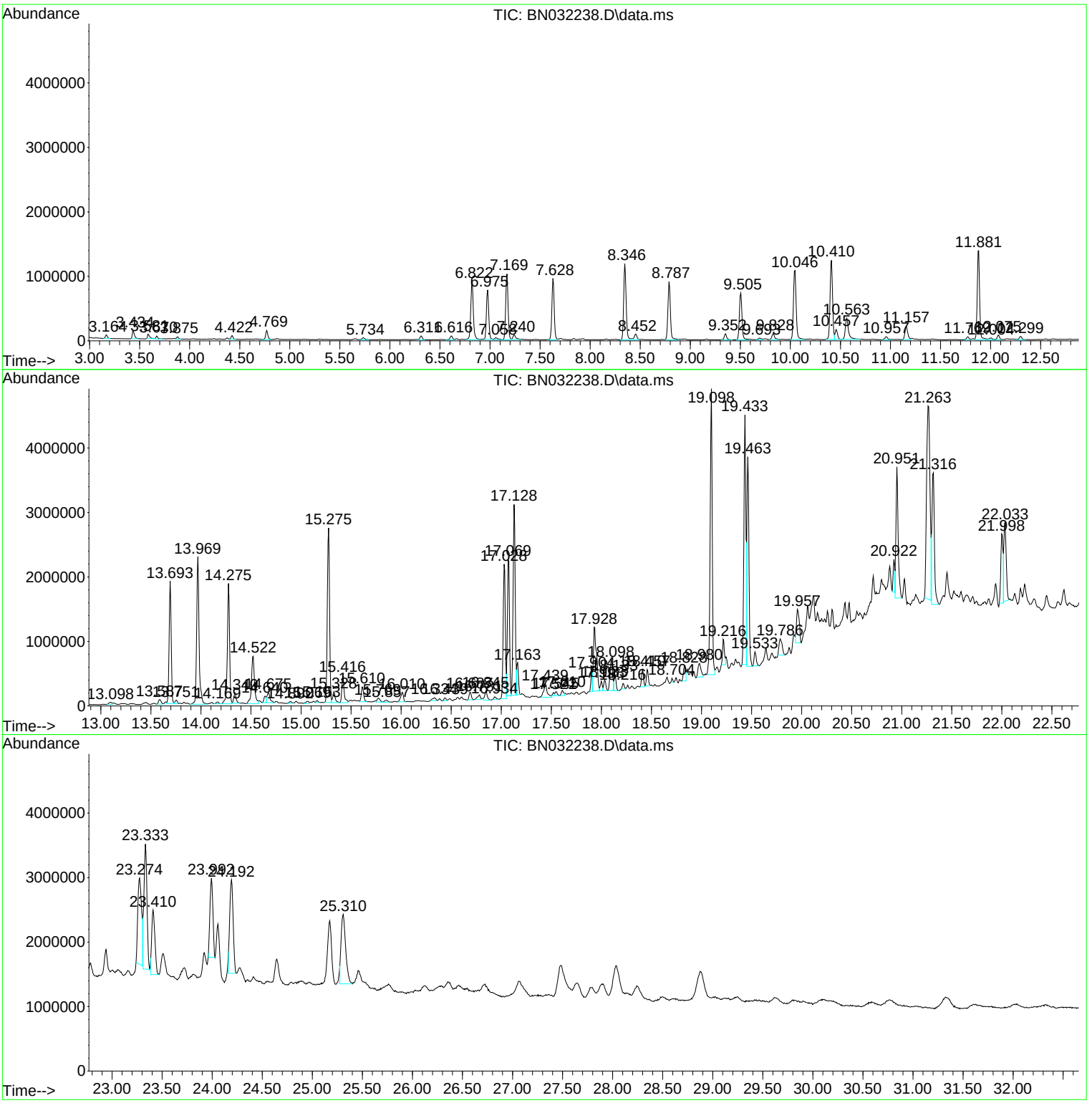
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
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Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

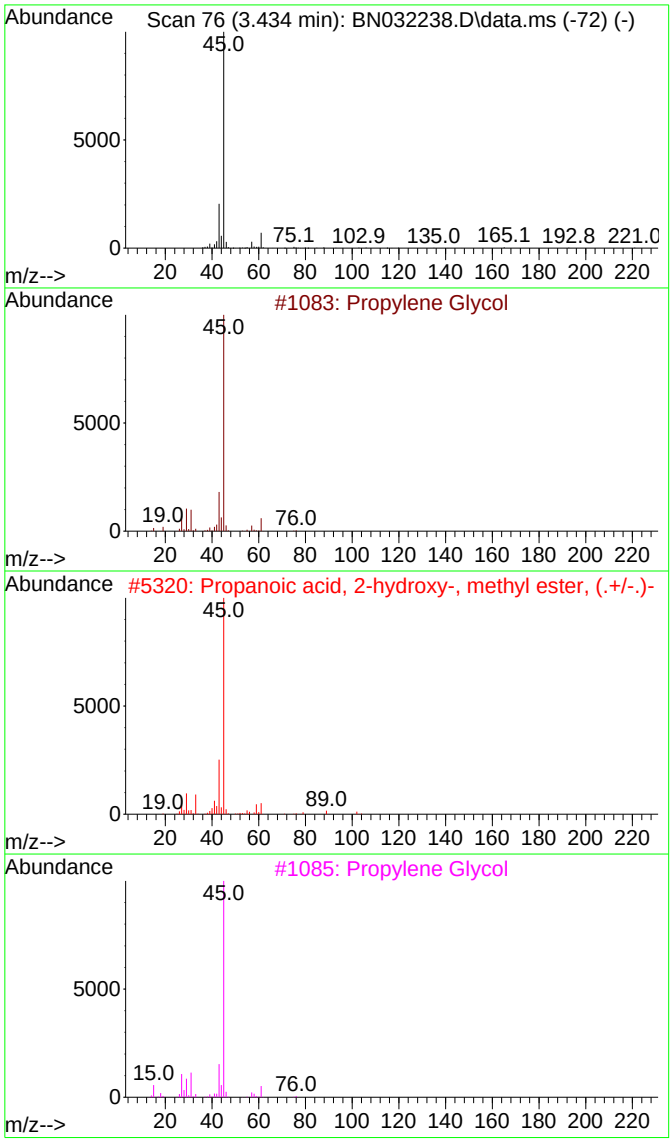
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

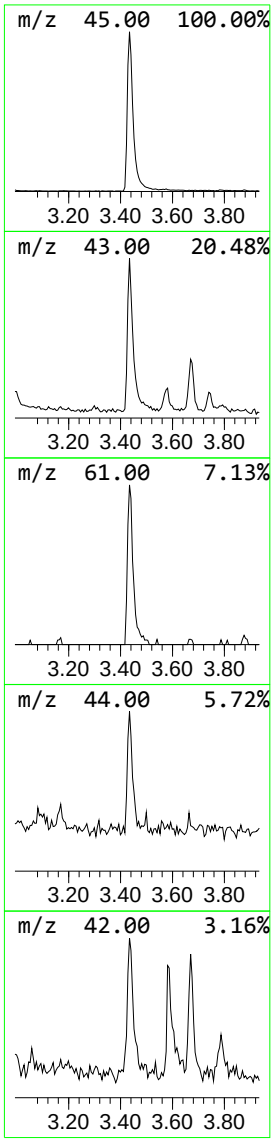
****

Peak Number 1 Propylene Glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.434	2.31 ng/ul	178767	1,4-Dichlorobenzene-d4	7.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
3	Propylene Glycol	76	C3H8O2	000057-55-6	40
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	39
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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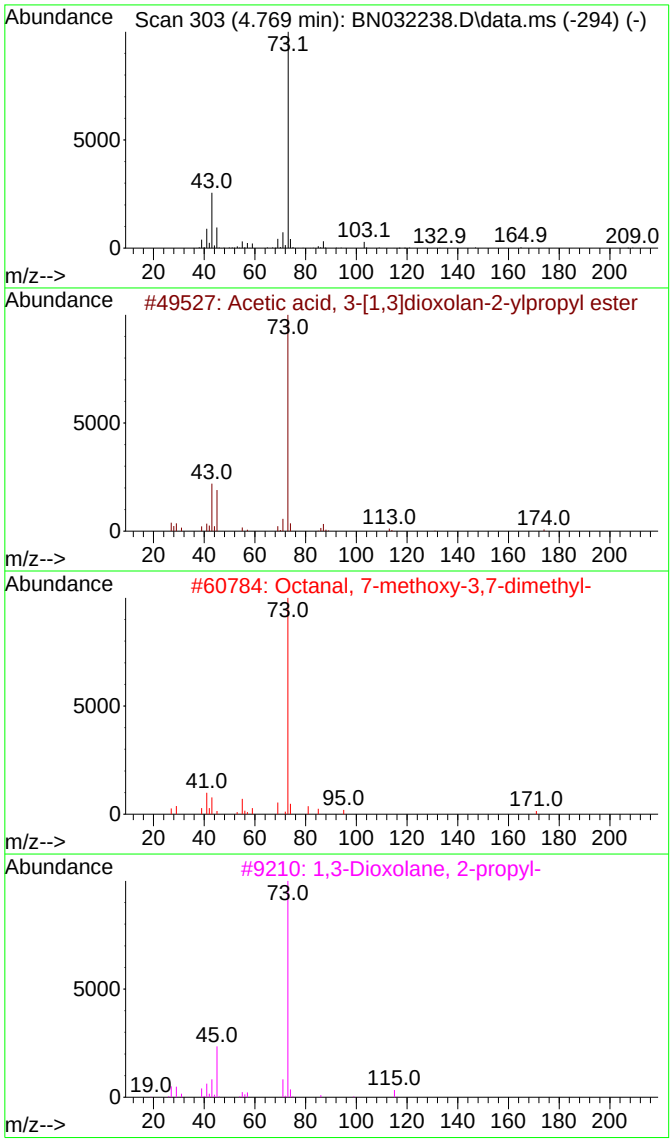
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

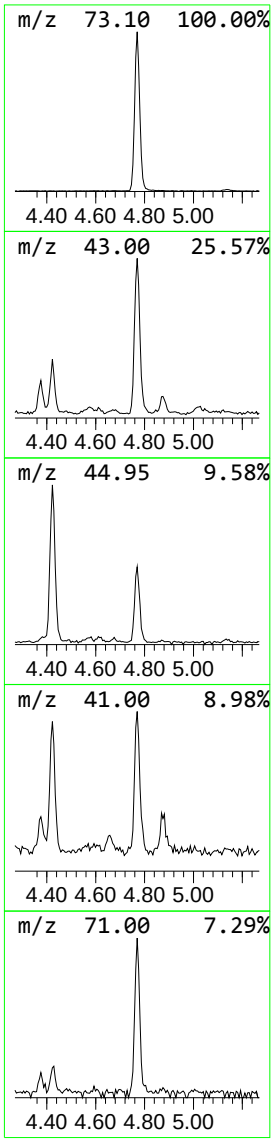
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.769	2.90 ng/ul	224303	1,4-Dichlorobenzene-d4	7.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	33
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
4	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9
5	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
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Sample : P2844-21
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Instrument :
BNA_N
ClientSampleId :
A4C46

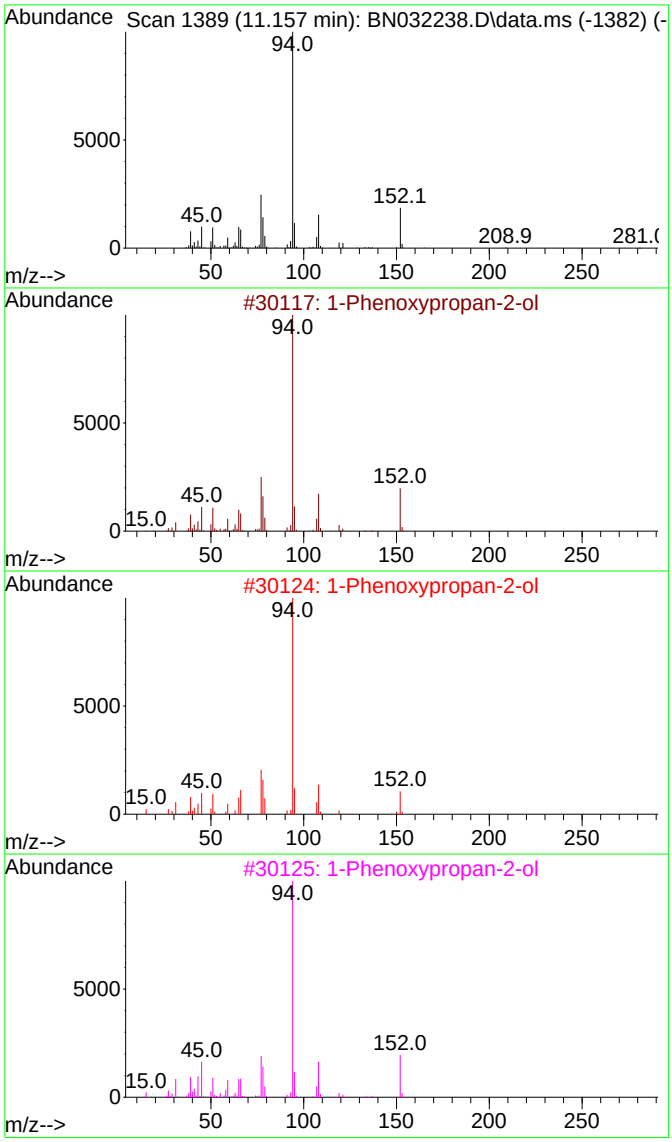
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

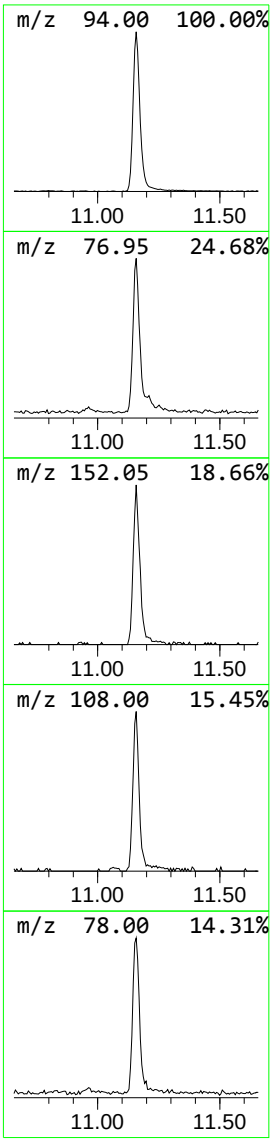
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	3.85 ng/ul	406629	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	70





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Data File : BN032238.D
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

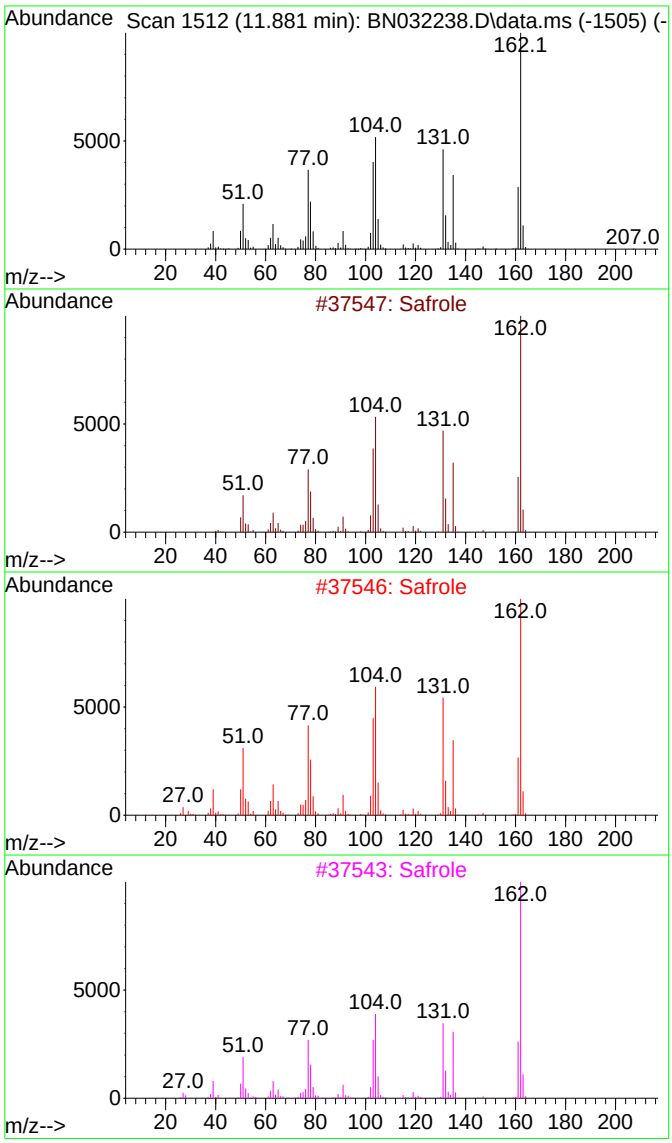
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

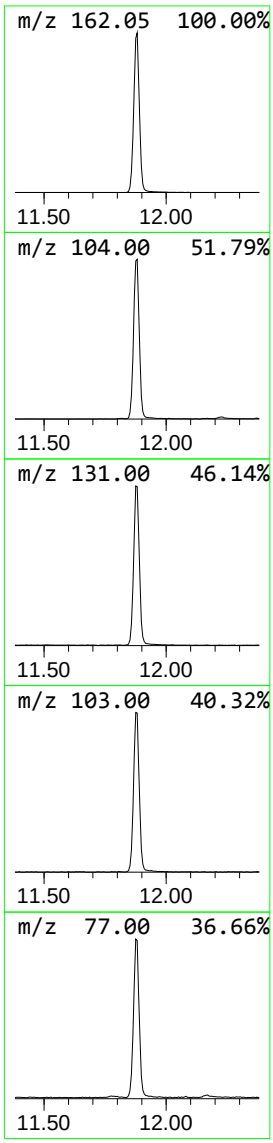
****

Peak Number 4 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	21.96 ng/ul	2318500	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Safrole	162	C10H10O2	000094-59-7	98
2	Safrole	162	C10H10O2	000094-59-7	98
3	Safrole	162	C10H10O2	000094-59-7	97
4	Safrole	162	C10H10O2	000094-59-7	97
5	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

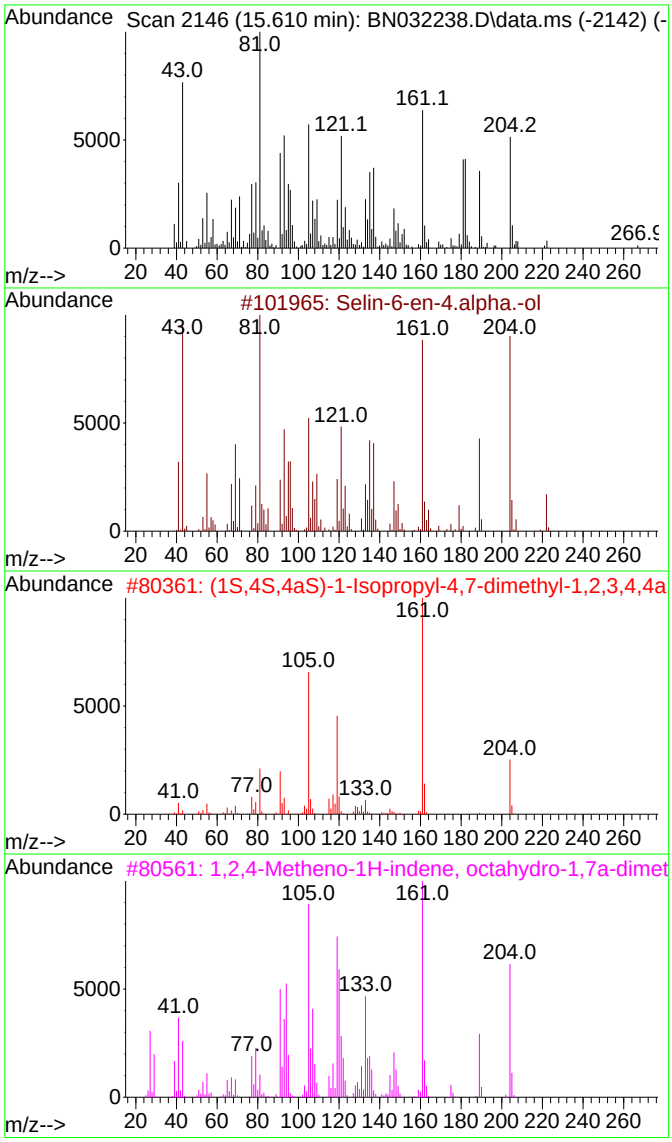
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

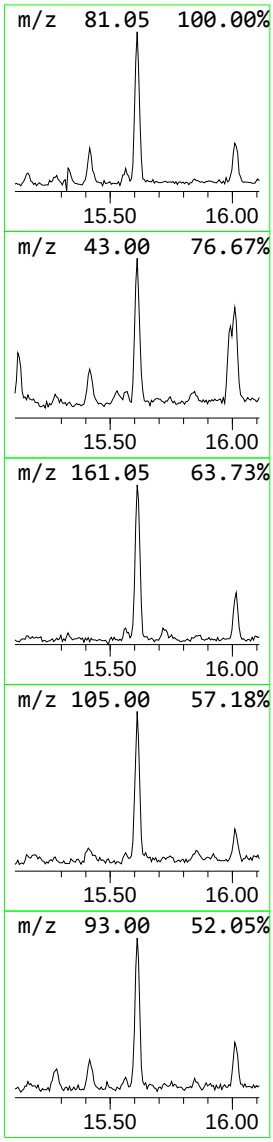
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Selin-6-en-4.alpha.-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	2.65 ng/ul	378559	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selin-6-en-4.alpha.-ol	222	C15H26O	118173-08-3	76
2	(1S,4S,4aS)-1-Isopropyl-4,7-dime...	204	C15H24	267665-20-3	64
3	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	55
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	52
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	47





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Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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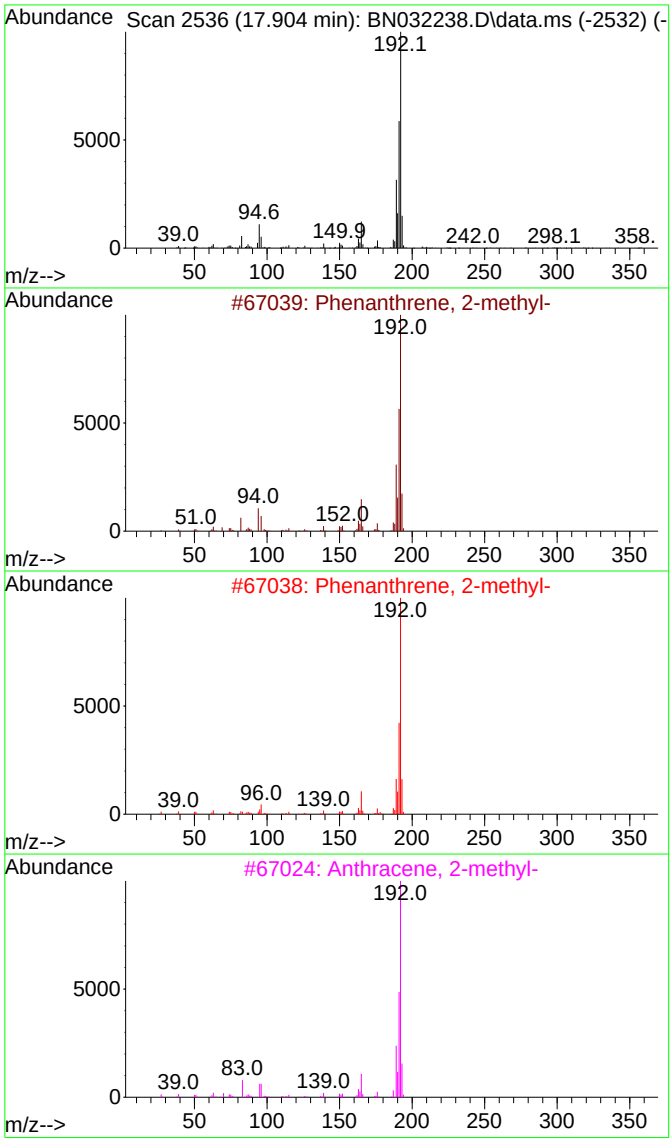
Quant Title : SVOA CALIBRATION

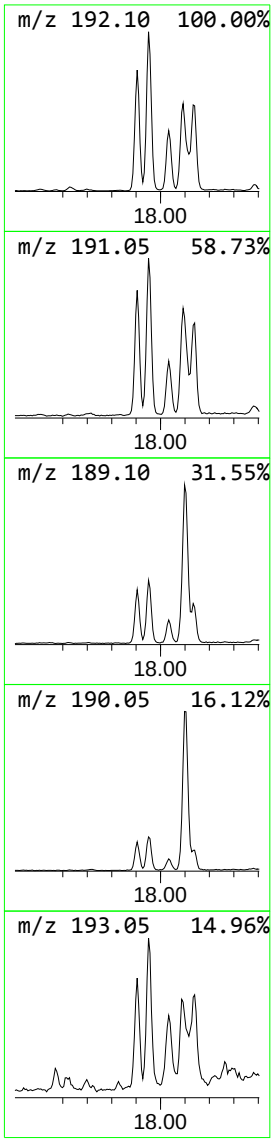
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	2.27 ng/ul	355699	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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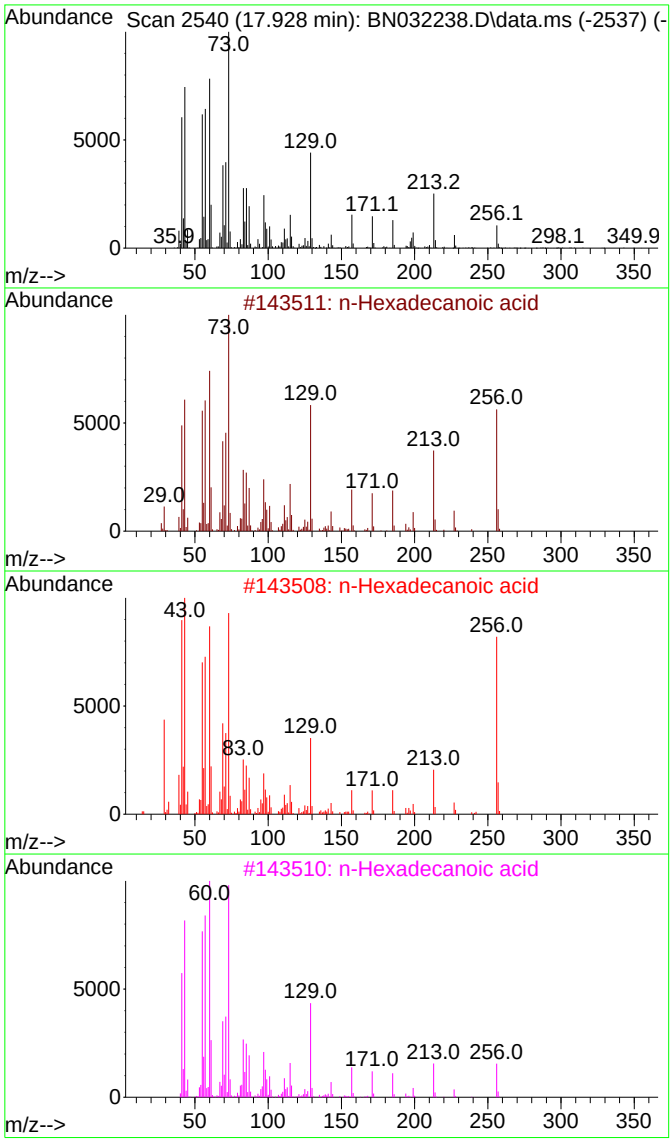
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

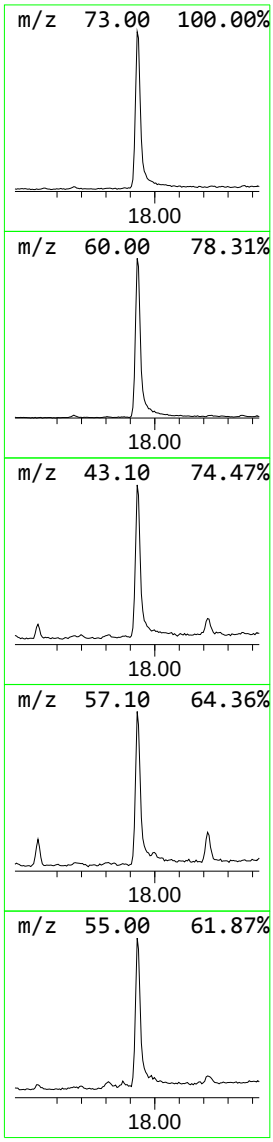
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	13.62 ng/ul	2130500	Phenanthrene-d10	17.028

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	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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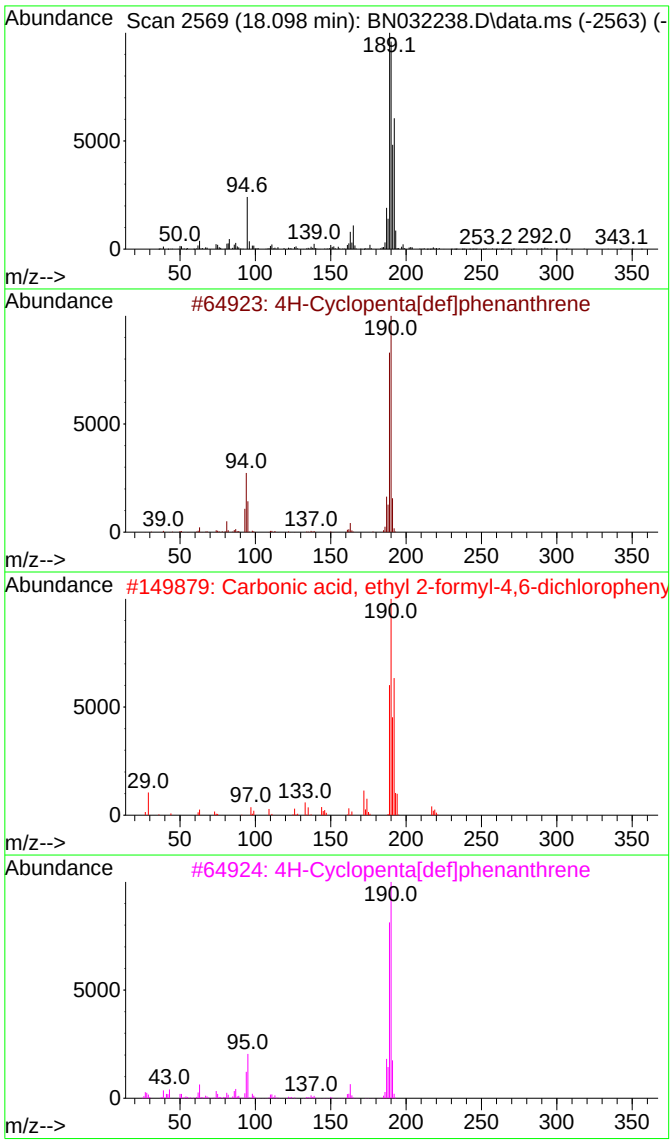
Quant Title : SVOA CALIBRATION

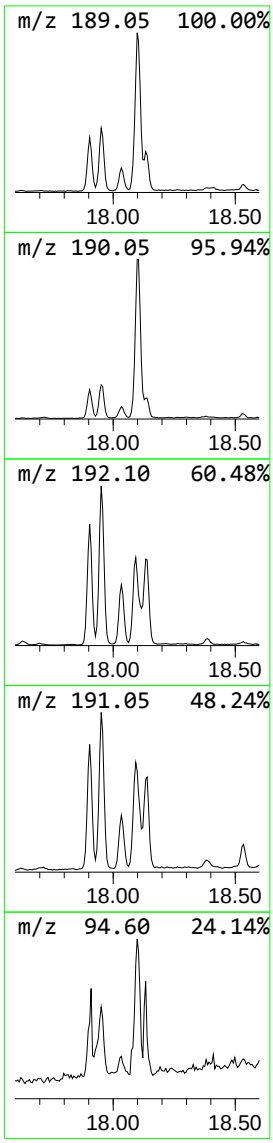
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.55 ng/ul	868805	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





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Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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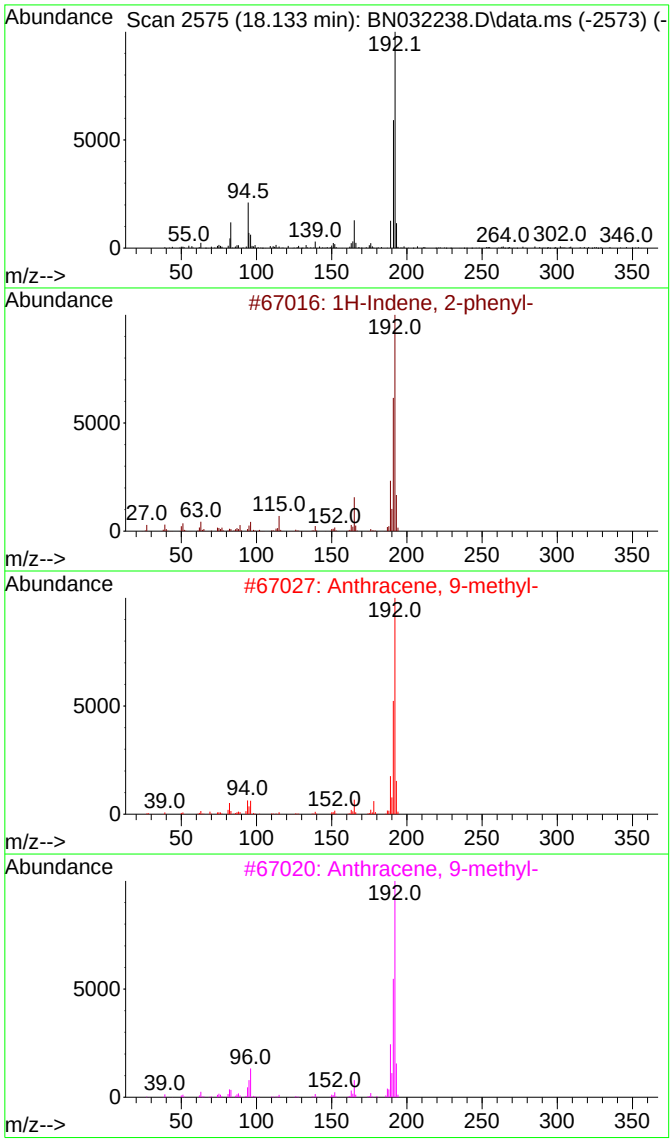
Quant Title : SVOA CALIBRATION

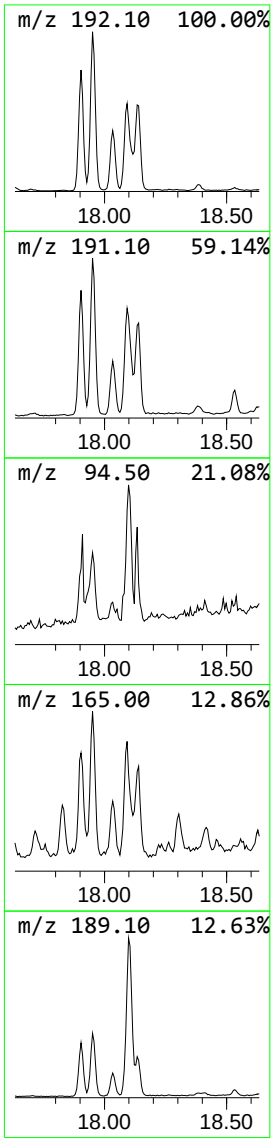
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	2.11 ng/ul	329917	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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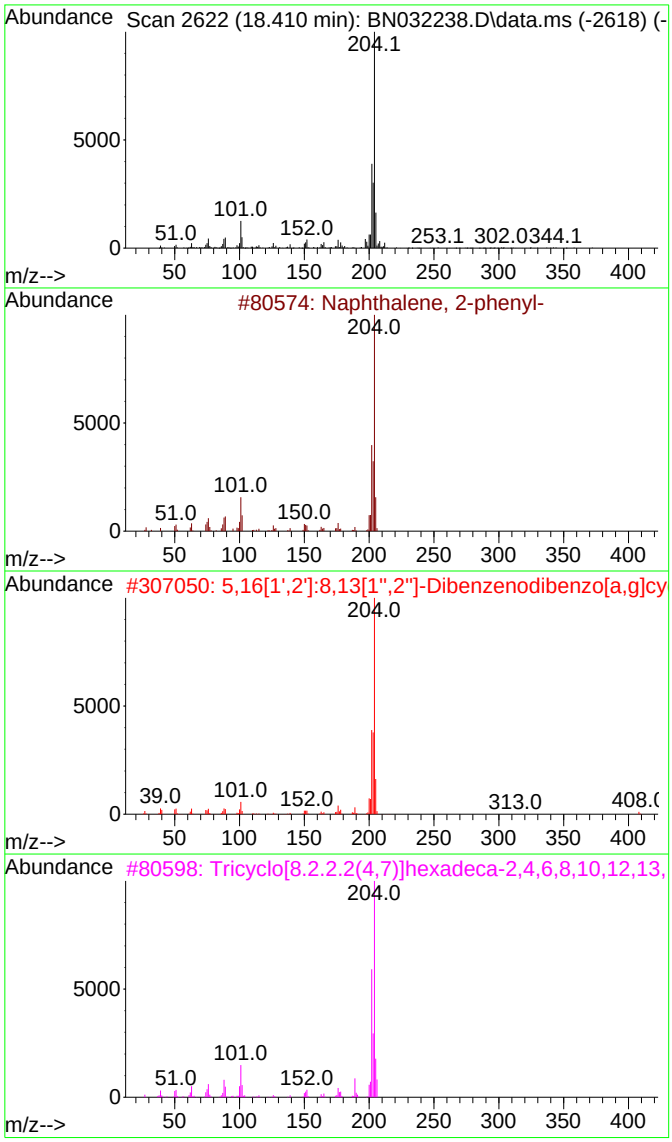
Quant Title : SVOA CALIBRATION

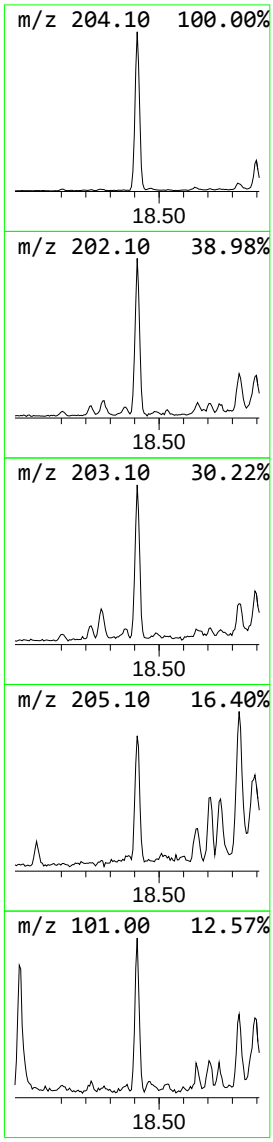
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	2.24 ng/ul	349939	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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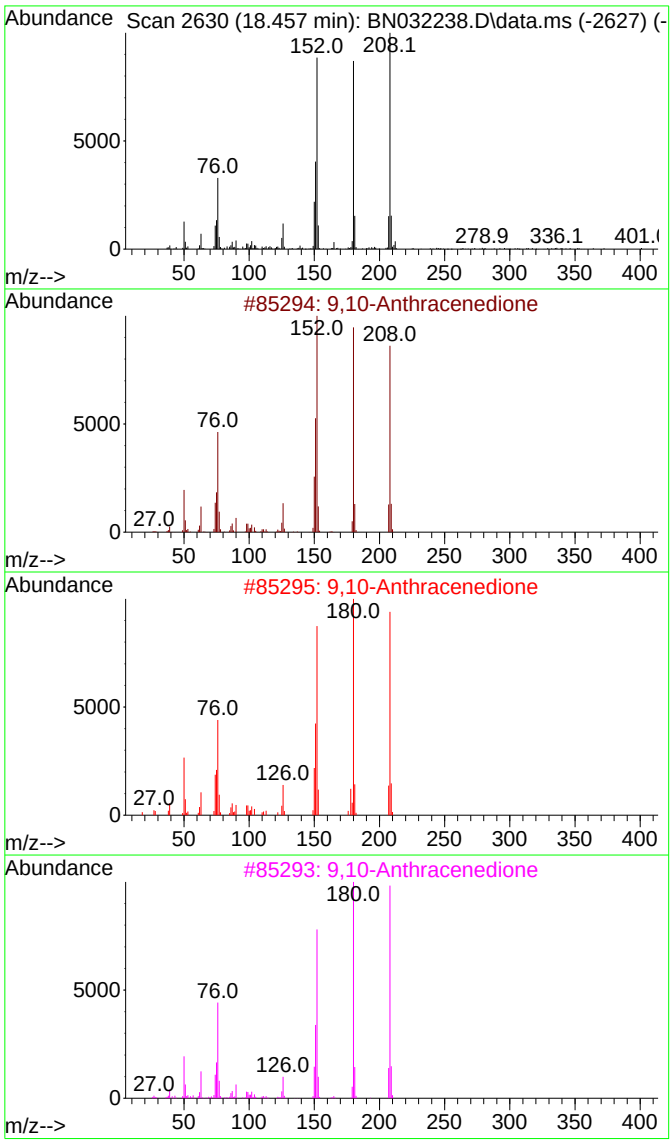
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

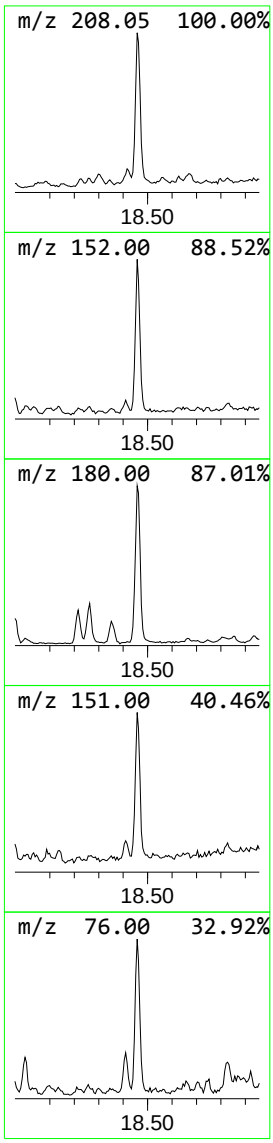
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	2.03 ng/ul	317387	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

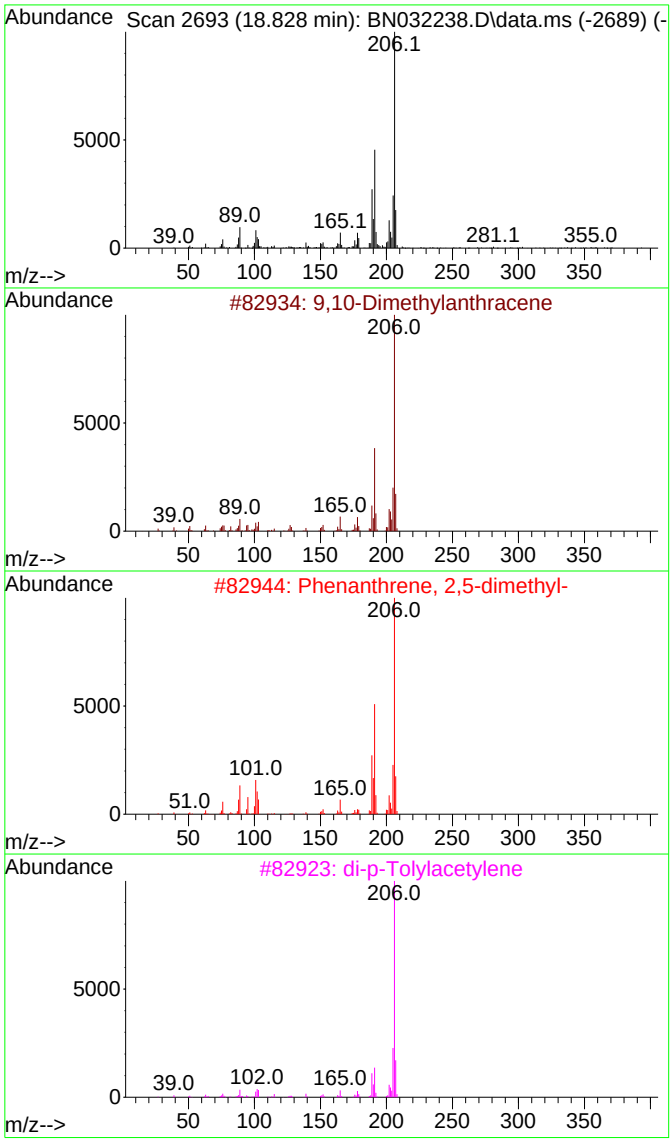
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

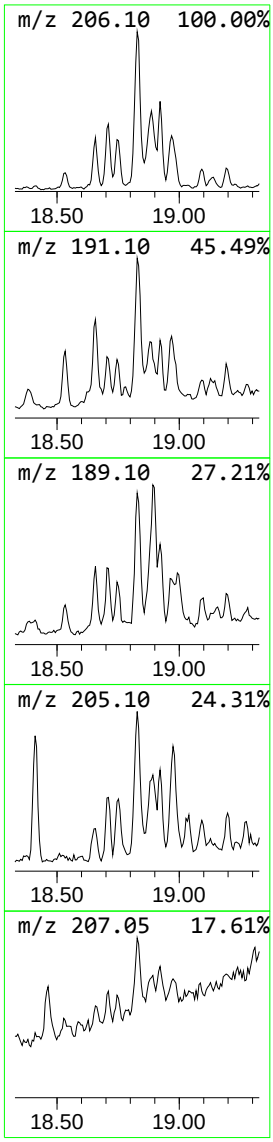
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	2.39 ng/ul	373229	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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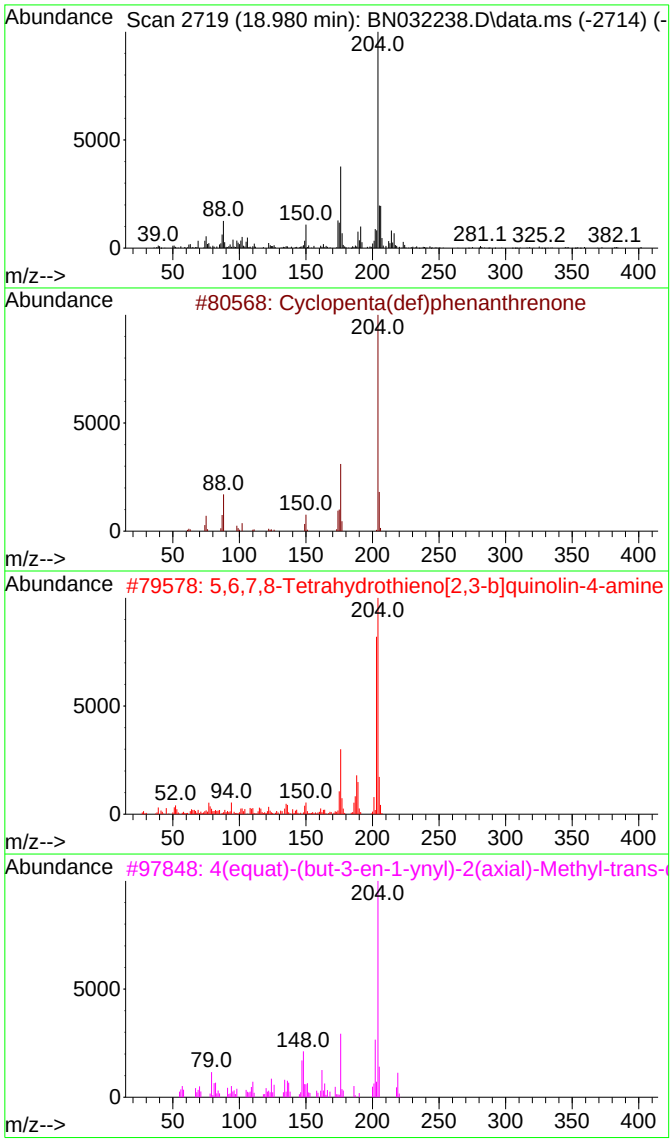
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

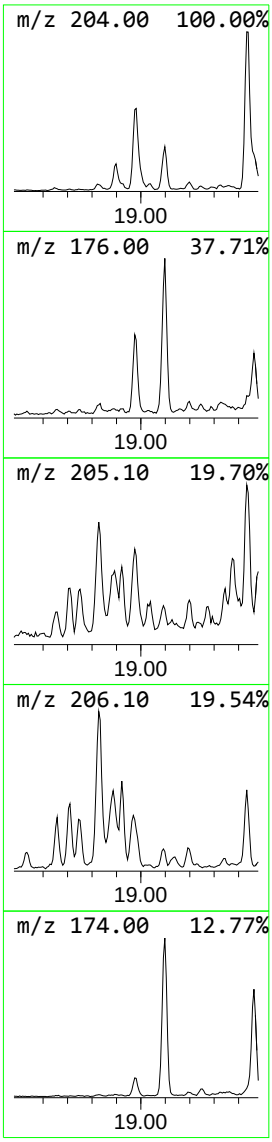
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	2.88 ng/ul	451176	Phenanthrene-d10	17.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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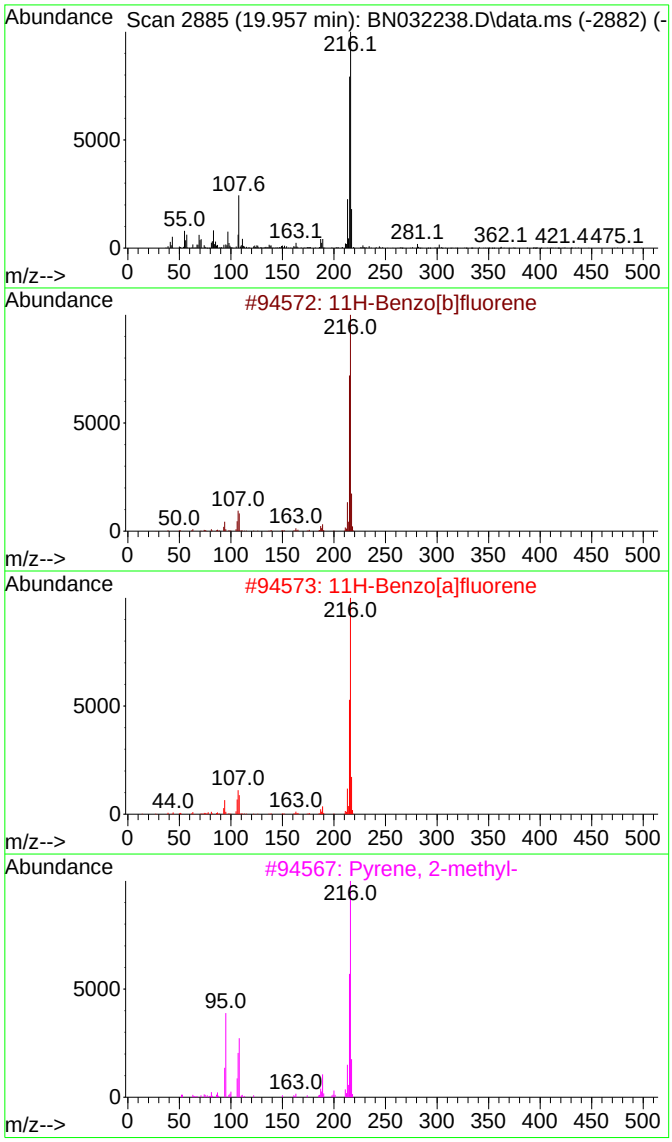
Quant Title : SVOA CALIBRATION

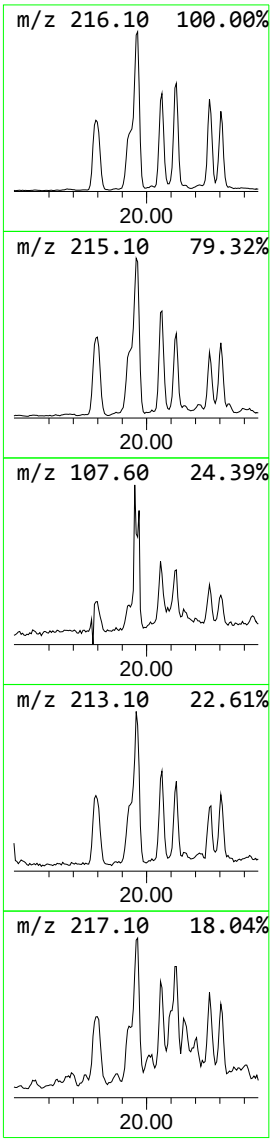
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	2.80 ng/ul	987665	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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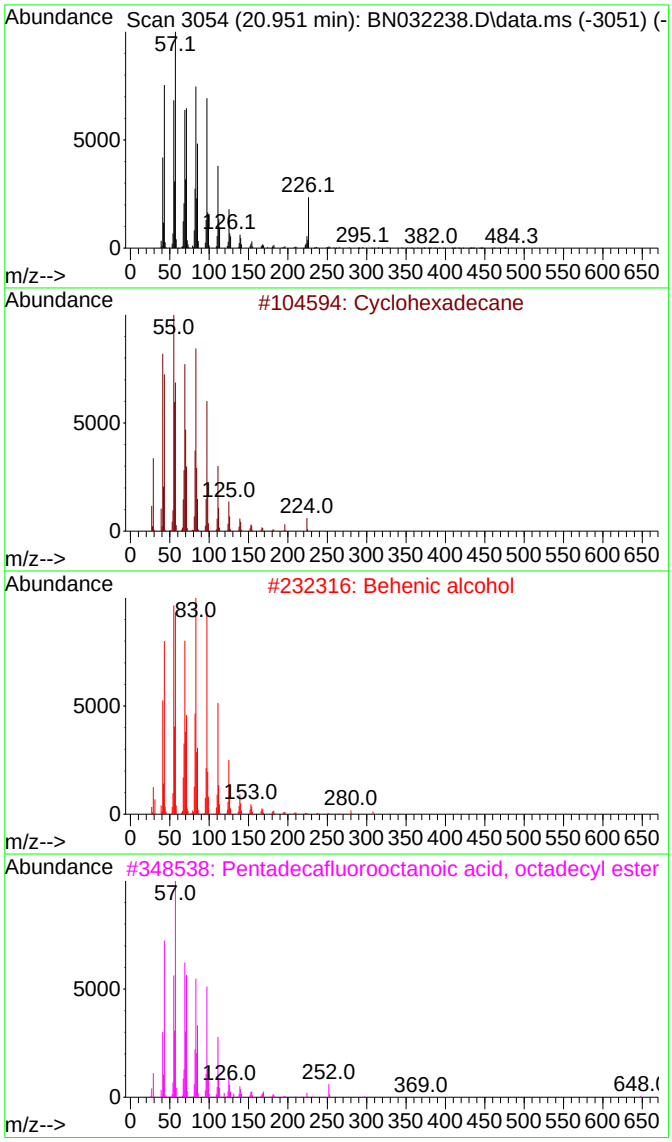
Quant Title : SVOA CALIBRATION

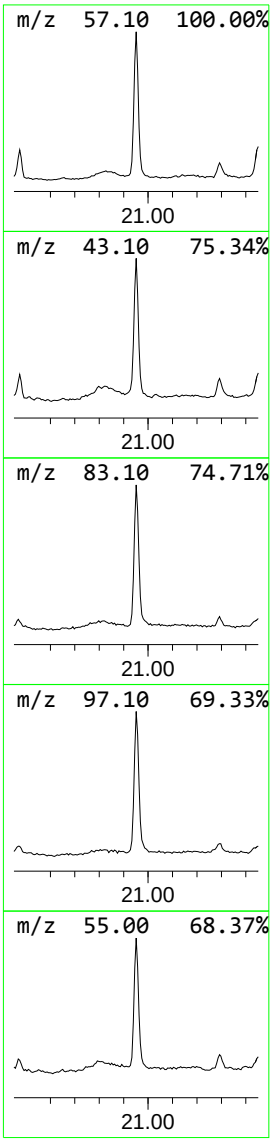
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic20.951 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	8.52 ng/ul	3000880	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	90
5	1-Hexacosene	364	C26H52	018835-33-1	90





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ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId :
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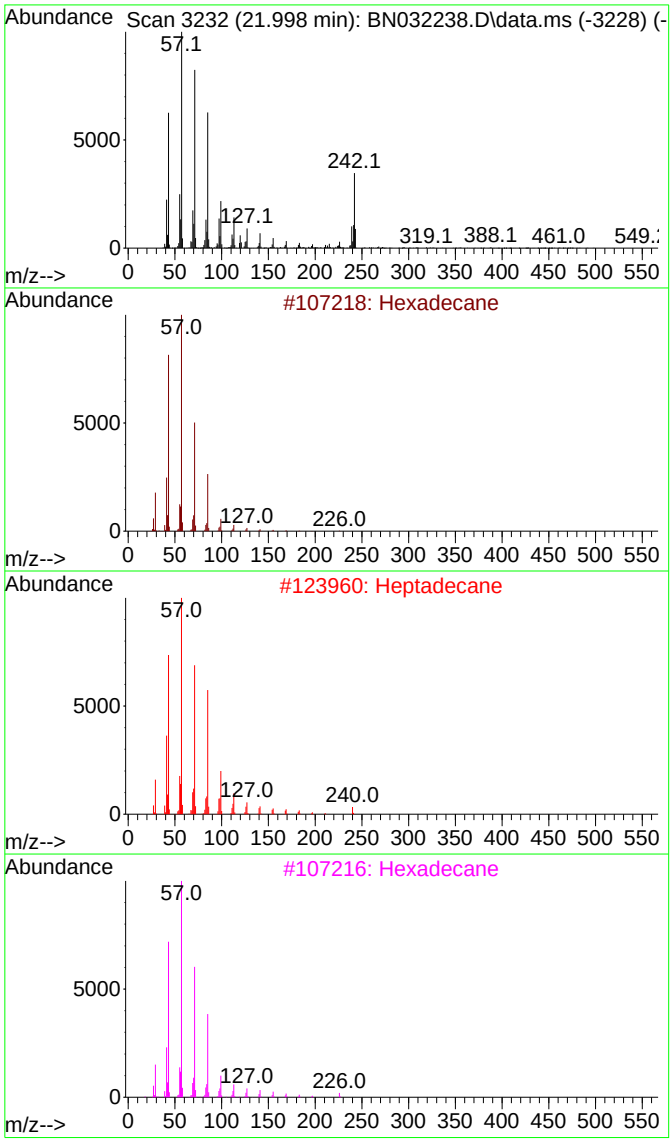
Quant Title : SVOA CALIBRATION

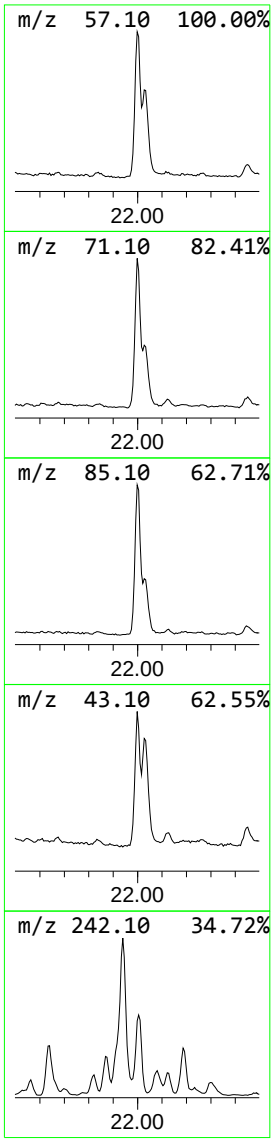
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.998	4.99 ng/ul	1759510	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexadecane	226	C16H34	000544-76-3	93
4	Heptadecane	240	C17H36	000629-78-7	91
5	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	89





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Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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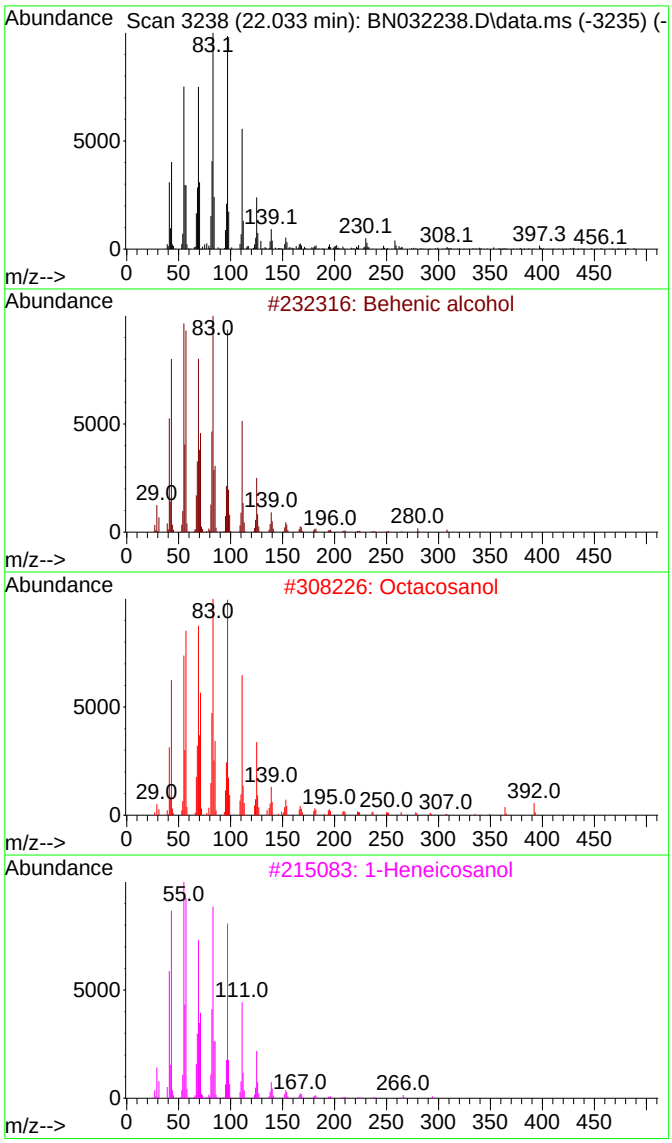
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

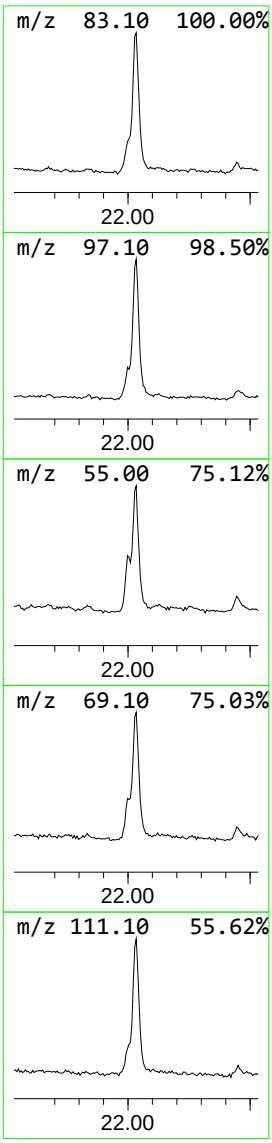
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.033	5.39 ng/ul	1898120	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Octacosanol	410	C28H58O	000557-61-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	68
5	1-Octadecanol, methyl ether	284	C19H40O	1000406-29-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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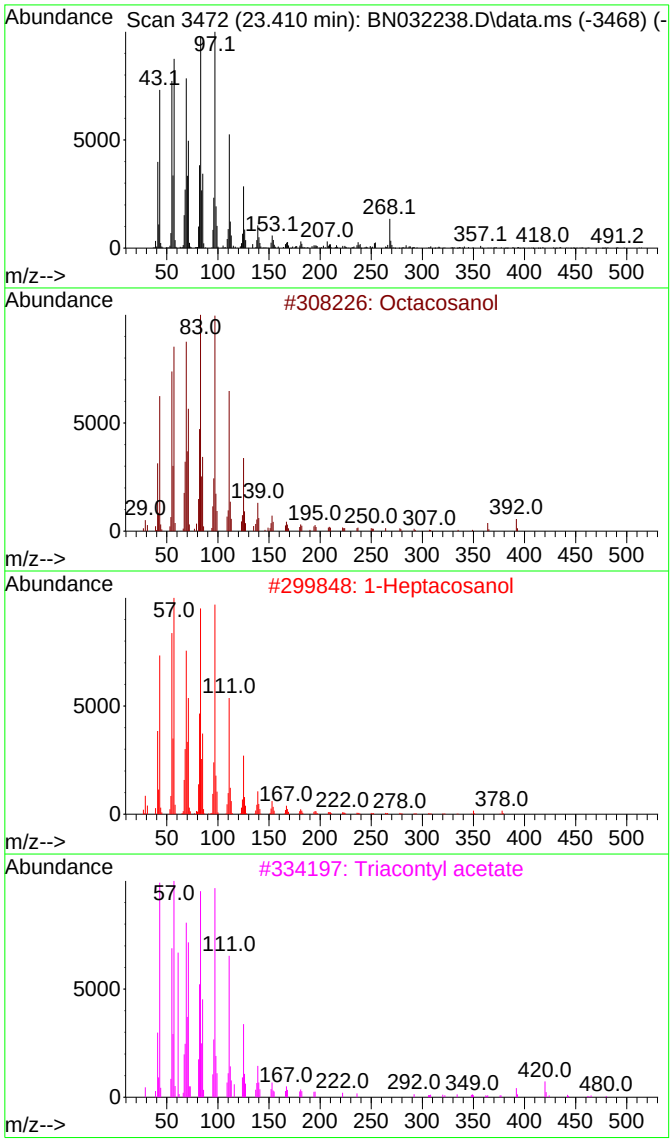
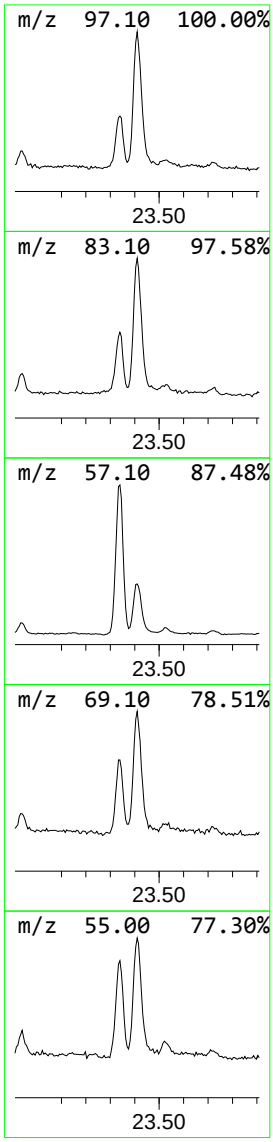
Peak Number 18 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.410	12.98 ng/ul	2188220	Perylene-d12	24.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Triacontyl acetate	480	C32H64O2	041755-58-2	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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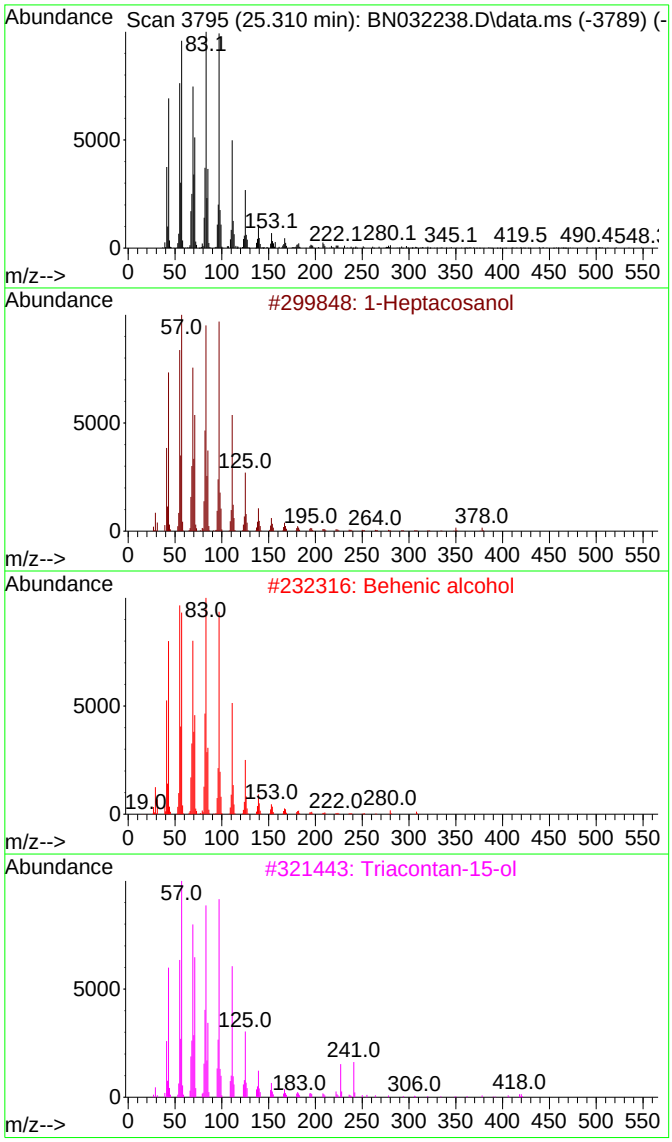
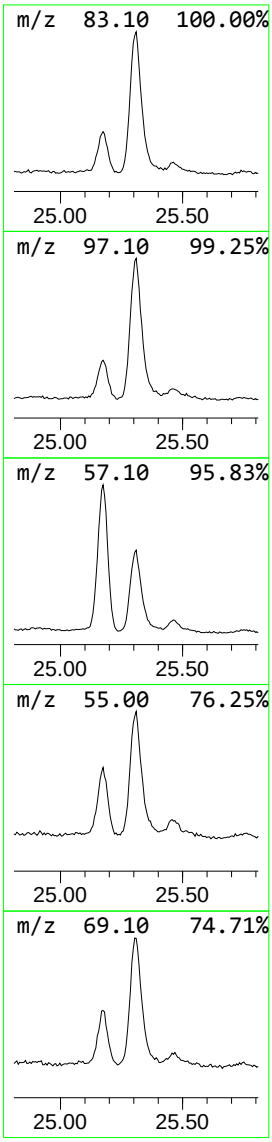
Peak Number 19 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.310	20.24 ng/ul	3411570	Perylene-d12	24.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Triacontan-15-ol	438	C30H62O	031849-26-0	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
Propylene Glycol	3.434	2.3	ng/ul	178767	1	7.628	1546250	20.0
unknown-01	4.769	2.9	ng/ul	224303	1	7.628	1546250	20.0
1-Phenoxypropan...	11.157	3.9	ng/ul	406629	2	10.410	2111820	20.0
Safrole	11.881	22.0	ng/ul	2318500	2	10.410	2111820	20.0
Selin-6-en-4.al...	15.610	2.6	ng/ul	378559	3	14.275	2861750	20.0
Phenanthrene, 2...	17.904	2.3	ng/ul	355699	4	17.028	3129050	20.0
n-Hexadecanoic ...	17.928	13.6	ng/ul	2130500	4	17.028	3129050	20.0
4H-Cyclopenta[d...	18.098	5.5	ng/ul	868805	4	17.028	3129050	20.0
1H-Indene, 2-ph...	18.134	2.1	ng/ul	329917	4	17.028	3129050	20.0
Naphthalene, 2-...	18.410	2.2	ng/ul	349939	4	17.028	3129050	20.0
9,10-Anthracene...	18.457	2.0	ng/ul	317387	4	17.028	3129050	20.0
9,10-Dimethylan...	18.828	2.4	ng/ul	373229	4	17.028	3129050	20.0
Cyclopenta(def)...	18.980	2.9	ng/ul	451176	4	17.028	3129050	20.0
11H-Benzo[b]flu...	19.957	2.8	ng/ul	987665	5	21.269	7047220	20.0
(DEL) Alkane: C...	20.951	8.5	ng/ul	3000880	5	21.269	7047220	20.0
(DEL) Alkane: S...	21.998	5.0	ng/ul	1759510	5	21.269	7047220	20.0
Behenic alcohol	22.033	5.4	ng/ul	1898120	5	21.269	7047220	20.0
Octacosanol	23.410	13.0	ng/ul	2188220	6	24.192	3370960	20.0
1-Heptacosanol	25.310	20.2	ng/ul	3411570	6	24.192	3370960	20.0