LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBN8

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.079	8	15	38	rVB	1831708	3286061	100.00%	10.763%
2	3.749	124	129	135	rBV2	12287	19611	0.60%	0.064%
3	3.855	143	147	152	rVB2	9536	14532	0.44%	0.048%
4	5.206	371	377	382	rBV3	11629	17898	0.54%	0.059%
5	5.952	497	504	509	rVB3	7099	15603	0.47%	0.051%
6	6.828	649	653	658	rBV5	11505	16648	0.51%	0.055%
7	7.016	676	685	689	rBV	161376	283026	8.61%	0.927%
8	7.063	689	693	702	rVB	171859	283449	8.63%	0.928%
9	7.204	712	717	723	rVV	106717	168787	5.14%	0.553%
10	7.415	745	753	759	rBV	168539	275624	8.39%	0.903%
11	7.874	823	831	838	rBV	135850	220402	6.71%	0.722%
12	8.115	863	872	879	rBV	29791	58757	1.79%	0.192%
13	8.596	946	954	960	rBV	199280	346735	10.55%	1.136%
14	8.649	960	963	969	rVV4	13797	25244	0.77%	0.083%
15	9.031	1021	1028	1035	rBV2	252716	449793	13.69%	1.473%
16	9.102	1035	1040	1042	rVV2	8093	13500	0.41%	0.044%
17	9.131	1042	1045	1050	rVV2	10089	16611	0.51%	0.054%
18	9.190	1050	1055	1060	rVB4	15628	24219	0.74%	0.079%
19	9.584	1116	1122	1128	rBV3	17526	27192	0.83%	0.089%
20	9.754	1143	1151	1160	rBV2	152220	267664	8.15%	0.877%
21	10.071	1203	1205	1215	rVB7	7554	16731	0.51%	0.055%
22	10.306	1237	1245	1253	rBV	210493	379635	11.55%	1.243%
23	10.535	1276	1284	1289	rBV2	26379	45965	1.40%	0.151%
24	10.670	1298	1307	1313	rBV	172339	302727	9.21%	0.992%
25	11.052	1367	1372	1379	rVB2	20477	35060	1.07%	0.115%
26	11.405	1425	1432	1445	rBV3	16702	39875	1.21%	0.131%
27	11.611	1456	1467	1472	rBV4	25155	49135	1.50%	0.161%
28	12.392	1592	1600	1617	rVB	594826	1031831	31.40%	3.380%
29	12.962	1692	1697	1701	rVB3	19181	25413	0.77%	0.083%
30	13.432	1772	1777	1781	rBV3	14405	23136	0.70%	0.076%
31	13.831	1840	1845	1852	rVV6	6980	17002	0.52%	0.056%
32	13.920	1852	1860	1866	rVV	375428	549541	16.72%	1.800%
33	14.025	1872	1878	1883	rVB3	13501	22861	0.70%	0.075%
34	14.202	1898	1908	1913	rBV	398564	663380	20.19%	2.173%
35	14.243	1913	1915	1921	rVB2	79586	109854	3.34%	0.360%
36	14.366	1932	1936	1940	rBV	15207	20474	0.62%	0.067%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

37	14.513	1950	1961	1968	rBV	278156	464292	14.13%	1.521%
38	14.584	1968	1973	1981	rVB	112129	174699	5.32%	0.572%
39	14.648	1981	1984	1990	rVB3	11191	17250	0.52%	0.056%
40	14.754	1990	2002	2009	rBV4	111125	248852	7.57%	0.815%
41	14.871	2018	2022	2026	rBV5	11172	18981	0.58%	0.062%
42	14.948	2031	2035	2038	rVV5	7643	13515	0.41%	0.044%
43	14.983	2038	2041	2047	rVB3	8900	14104	0.43%	0.046%
44	15.300	2089	2095	2098	rBV6	9075	15184	0.46%	0.050%
45	15.506	2123	2130	2137	rBV	605081	905462	27.55%	2.966%
46	15.553	2137	2138	2144	rVB3	13344	16437	0.50%	0.054%
47	15.647	2148	2154	2163	rBV	188107	287761	8.76%	0.942%
48	16.005	2211	2215	2221	rVB5	8678	14038	0.43%	0.046%
49	16.064	2221	2225	2230	rBV5	9268	15960	0.49%	0.052%
50	16.229	2242	2253	2258	rBV5	22556	48640	1.48%	0.159%
51	16.346	2269	2273	2275	rBV2	22730	27571	0.84%	0.090%
52	16.381	2275	2279	2283	rVB2	64997	79574	2.42%	0.261%
53	16.669	2323	2328	2334	rBV8	25559	50473	1.54%	0.165%
54	16.916	2363	2370	2377	rVB2	17711	36361	1.11%	0.119%
55	17.016	2383	2387	2393	rBV8	17737	31149	0.95%	0.102%
56	17.075	2393	2397	2403	rVB2	12742	19784	0.60%	0.065%
57	17.181	2407	2415	2421	rBV	552020	785538	23.91%	2.573%
58	17.263	2423	2429	2433	rVV	365722	583466	17.76%	1.911%
59	17.304	2433	2436	2440	rVV	220253	295406	8.99%	0.968%
60	17.363	2440	2446	2457	rVB	591451	938143	28.55%	3.073%
61	17.451	2457	2461	2466	rBV7	15476	29553	0.90%	0.097%
62	17.662	2488	2497	2504	rBV3	31930	79906	2.43%	0.262%
63	17.780	2514	2517	2524	rVB8	14016	22471	0.68%	0.074%
64	17.844	2524	2528	2532	rVB6	10967	14836	0.45%	0.049%
65	17.927	2536	2542	2549	rBV2	67399	103819	3.16%	0.340%
66	18.050	2556	2563	2569	rBV6	26414	56668	1.72%	0.186%
67	18.168	2574	2583	2591	rBV3	584472	1066995	32.47%	3.495%
68	18.332	2606	2611	2615	rBV2	52636	90017	2.74%	0.295%
69	18.373	2615	2618	2624	rVB	40283	54552	1.66%	0.179%
70	18.450	2628	2631	2632	rBV3	16257	18206	0.55%	0.060%
71	18.526	2642	2644	2648	rVB5	10820	14557	0.44%	0.048%
72	18.626	2656	2661	2667	rBV	807714	969429	29.50%	3.175%
73	18.685	2667	2671	2675	rVB	38989	58439	1.78%	0.191%
74	18.785	2686	2688	2693	rVB5	22046	28421	0.86%	0.093%
75	18.843	2693	2698	2701	rBV5	33133	63535	1.93%	0.208%
76	19.055	2725	2734	2742	rBV7	51671	162192	4.94%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	19.196	2754	2758	2766	rVB4	32413	67344	2.05%	0.221%
78	19.319	2771	2779	2788	rBV	616063	1027668	31.27%	3.366%
79	19.443	2796	2800	2810	rVB2	286869	403222	12.27%	1.321%
80	19.654	2830	2836	2839	rBV	832202	1247504	37.96%	4.086%
81	19.683	2839	2841	2848	rVB	418776	500706	15.24%	1.640%
82	19.754	2850	2853	2857	rBV3	26524	40148	1.22%	0.131%
83	19.965	2885	2889	2893	rBV	144947	191272	5.82%	0.626%
84	20.189	2921	2927	2933	rVB3	76099	171003	5.20%	0.560%
85	20.447	2967	2971	2974	rBV	88706	111170	3.38%	0.364%
86	20.518	2981	2983	2987	rVB2	41830	48004	1.46%	0.157%
87	20.571	2989	2992	2997	rVB	97611	108091	3.29%	0.354%
88	20.929	3050	3053	3059	rVB	59796	83608	2.54%	0.274%
89	21.176	3091	3095	3104	rBV2	397854	641245	19.51%	2.100%
90	21.405	3130	3134	3140	rVB	419903	576373	17.54%	1.888%
91	21.511	3145	3152	3157	rVV2	473263	1065033	32.41%	3.488%
92	21.558	3158	3160	3167	rVB	219397	291422	8.87%	0.954%
93	22.286	3280	3284	3287	rBV2	248164	412373	12.55%	1.351%
94	22.486	3313	3318	3329	rVB	197421	400113	12.18%	1.310%
95	22.933	3389	3394	3401	rVB3	138103	313554	9.54%	1.027%
96	23.638	3507	3514	3520	rBV	149957	437724	13.32%	1.434%
97	23.714	3521	3527	3535	rVB2	618547	1334185	40.60%	4.370%
98	24.401	3637	3644	3650	rBV2	353026	798642	24.30%	2.616%
99	24.607	3673	3679	3686	rVB	278088	660988	20.11%	2.165%
100	29.660	4531	4539	4570	rVB5	452992	2500146	76.08%	8.189%

Sum of corrected areas: 30531750

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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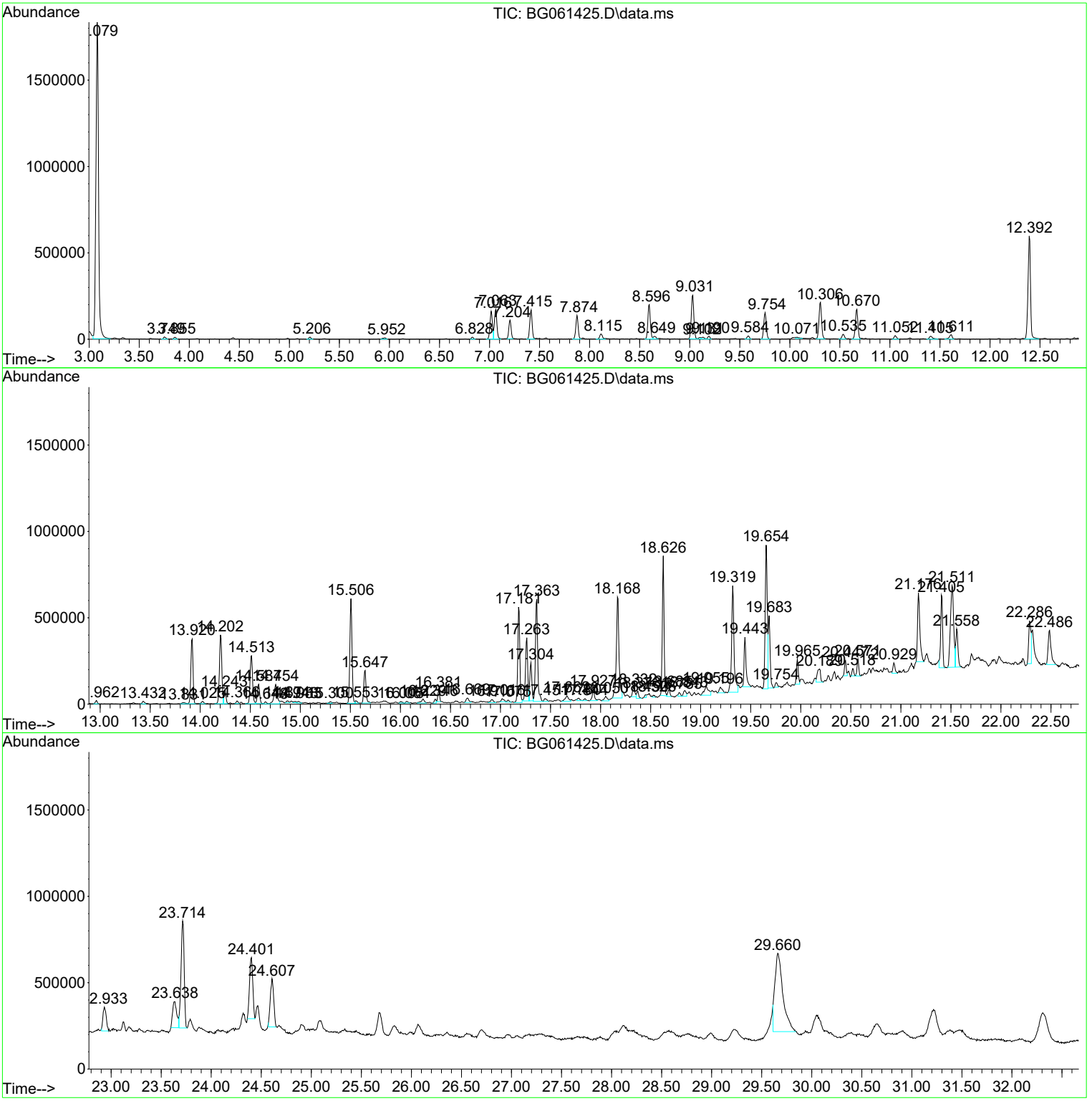
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

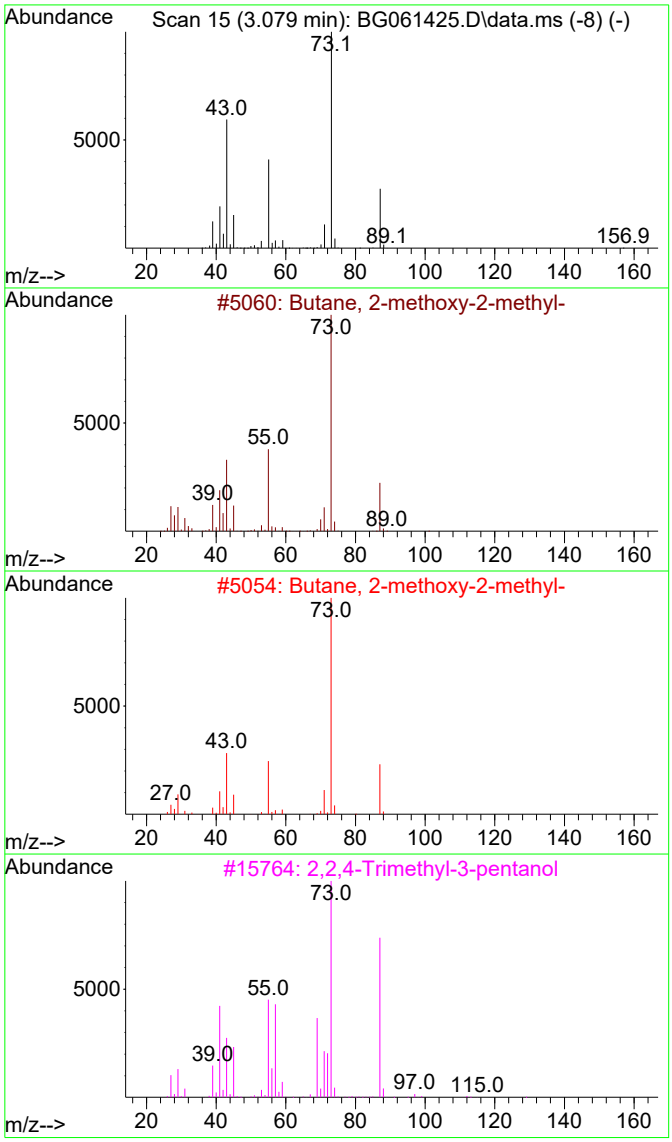
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

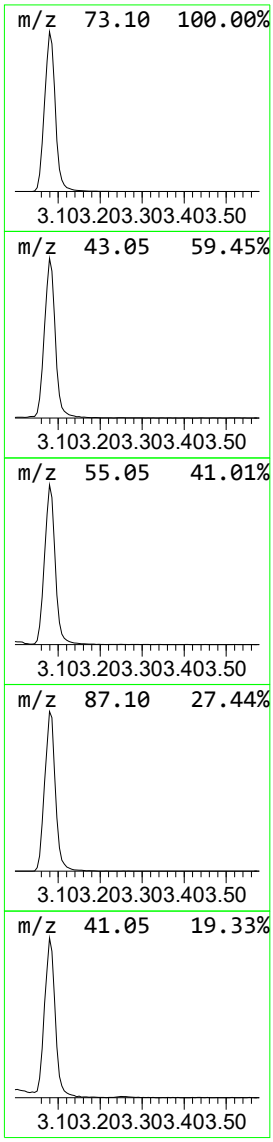
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	298.19 ng/ul	3286060	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

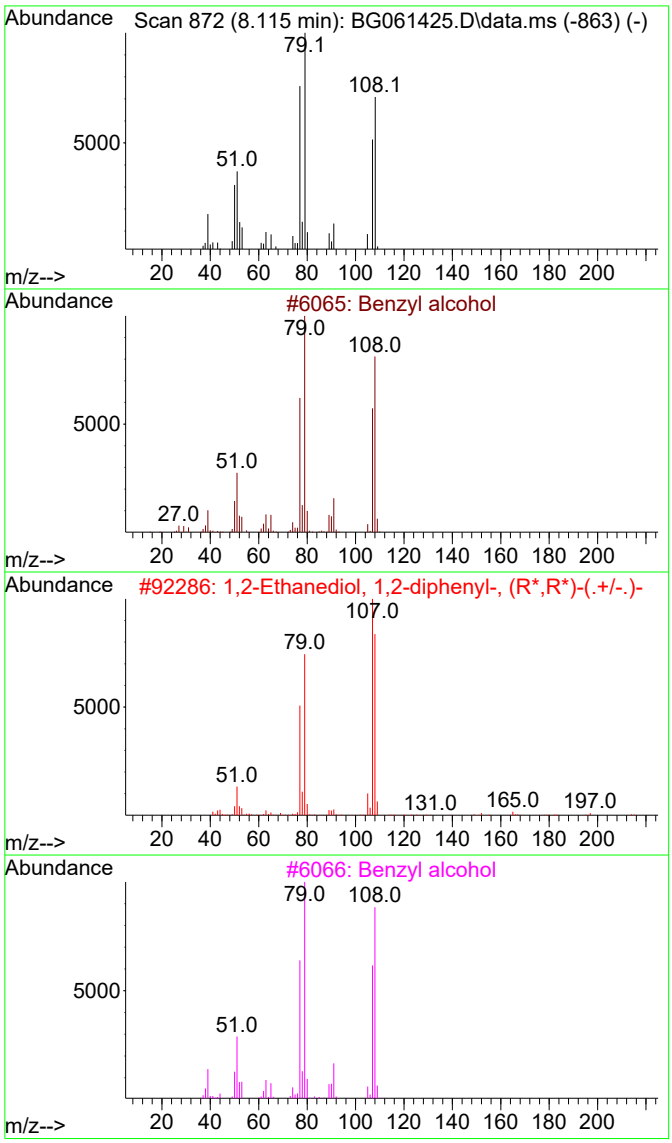
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

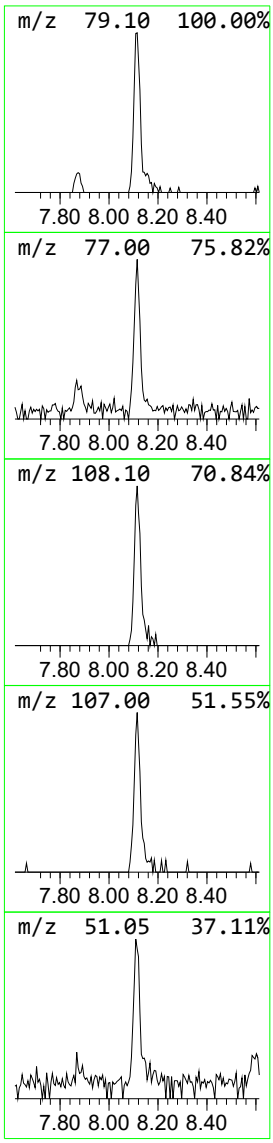
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzyl alcohol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.115	5.33 ng/ul	58757	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	91
2	1,2-Ethanediol, 1,2-diphenyl-, (...	214	C14H14O2	000655-48-1	78
3	Benzyl alcohol	108	C7H8O	000100-51-6	74
4	Benzyl mandelate	242	C15H14O3	000890-98-2	72
5	Benzyl alcohol	108	C7H8O	000100-51-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

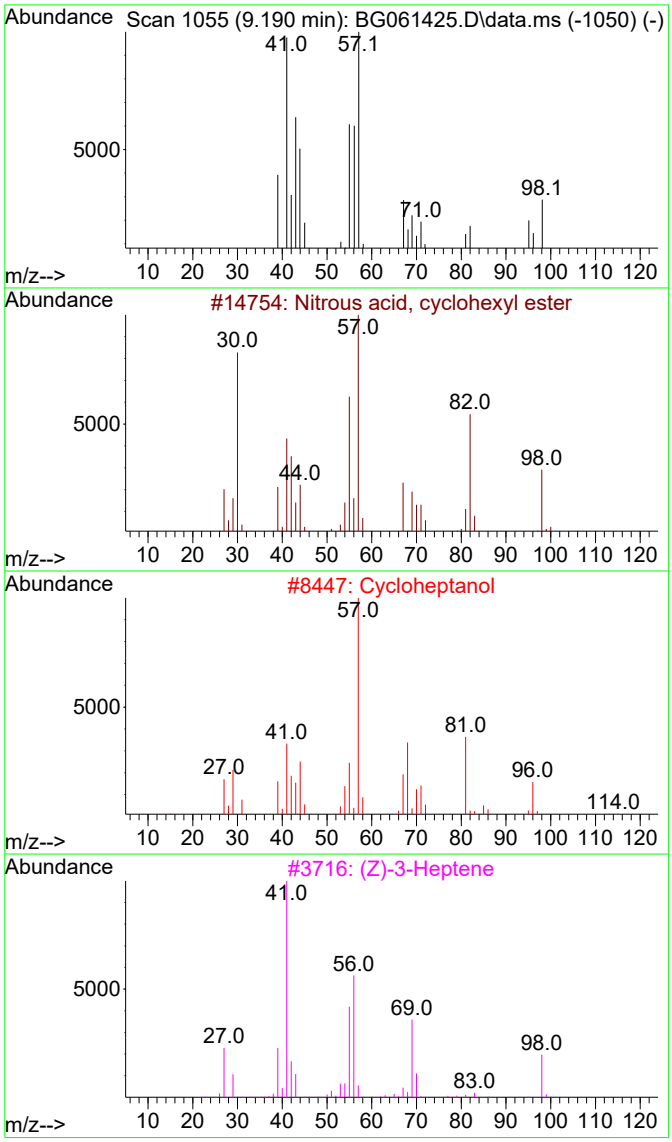
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

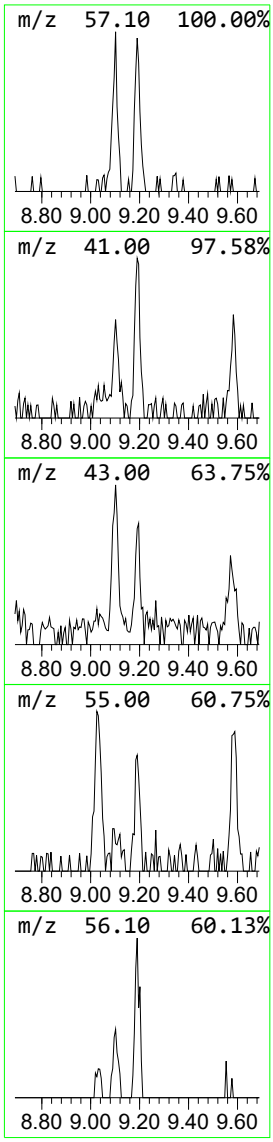
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.190	2.20 ng/ul	24219	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	38
2	Cycloheptanol	114	C7H14O	000502-41-0	37
3	(Z)-3-Heptene	98	C7H14	007642-10-6	25
4	2-Heptene, (E)-	98	C7H14	014686-13-6	25
5	3-Heptene, (E)-	98	C7H14	014686-14-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

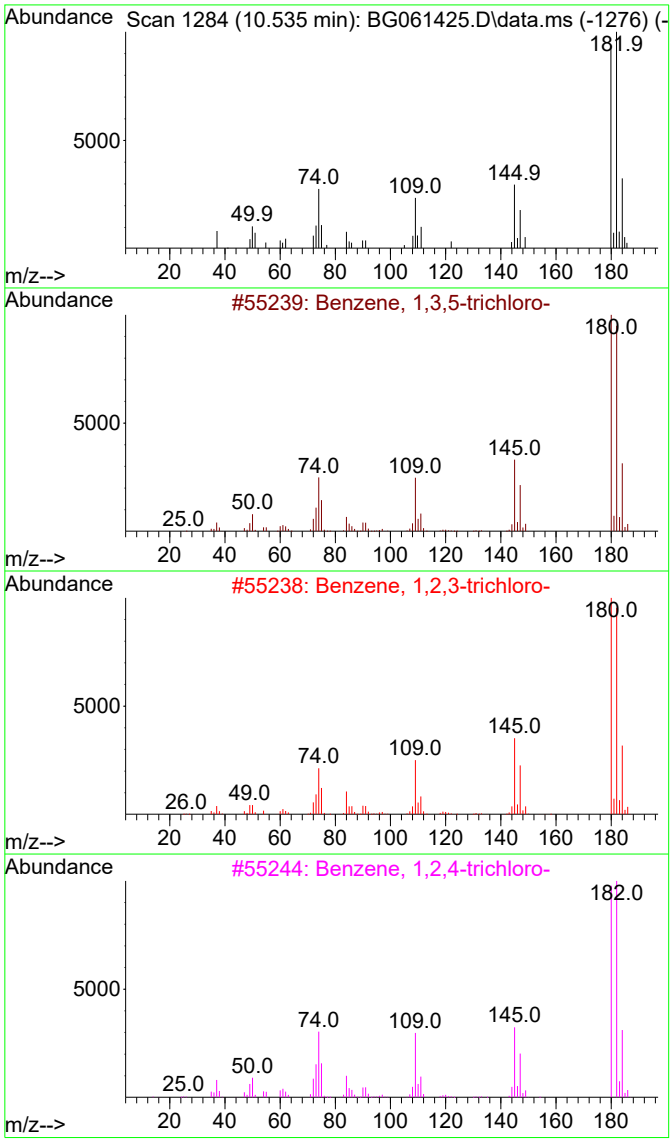
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

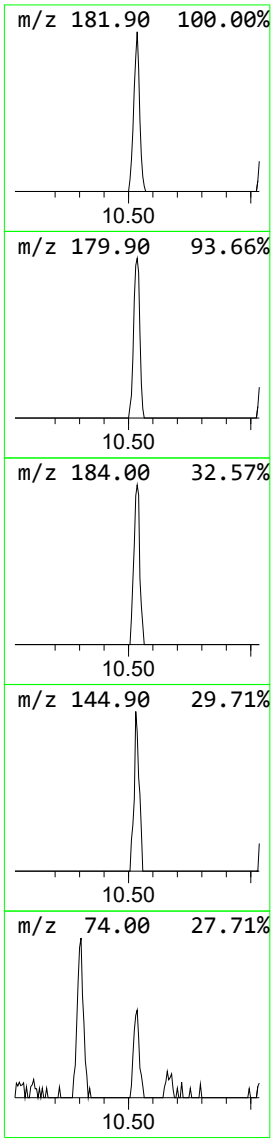
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.535	3.04 ng/ul	45965	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061425.D
Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

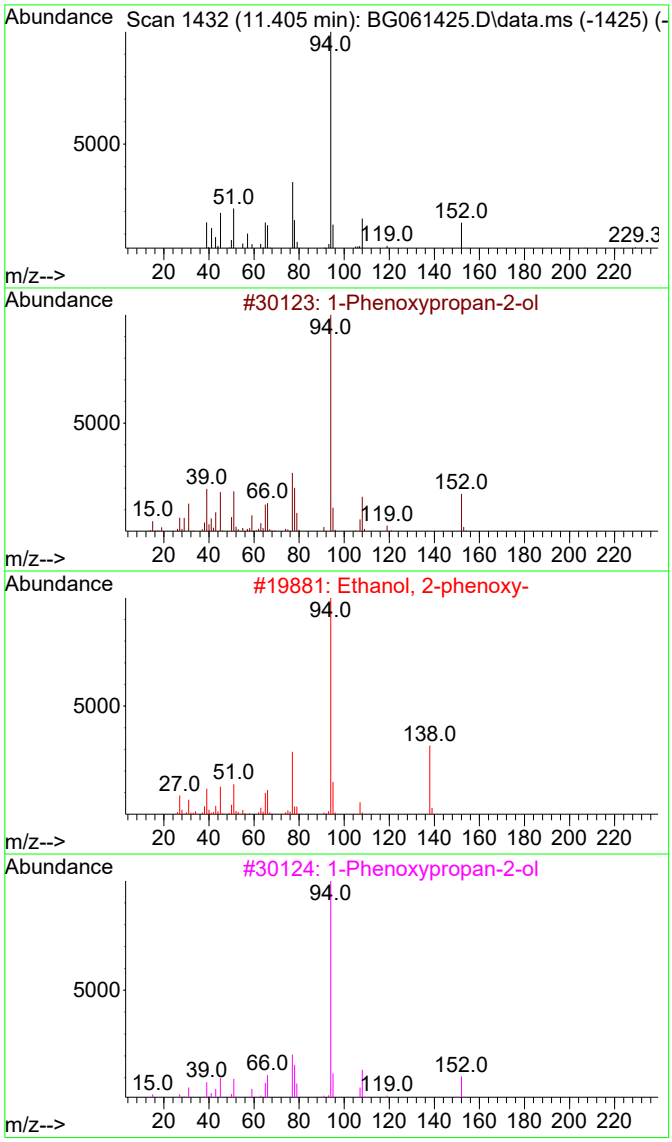
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

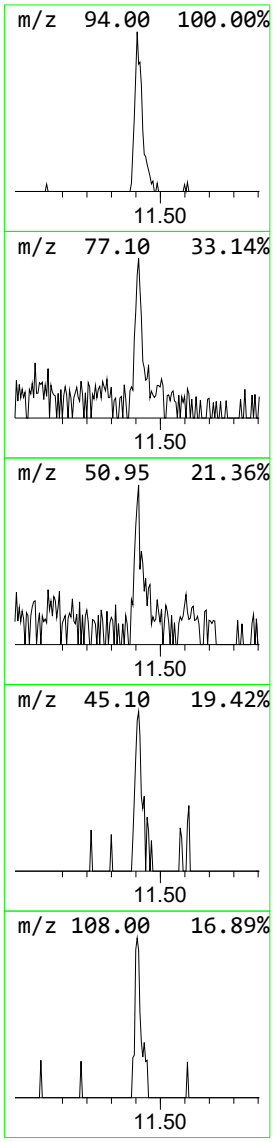
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Phenoxypropan-2-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.405	2.63 ng/ul	39875	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
2	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	80
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	80
4	2-Phenoxybutyric acid	180	C10H12O3	013794-14-4	72
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	58





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Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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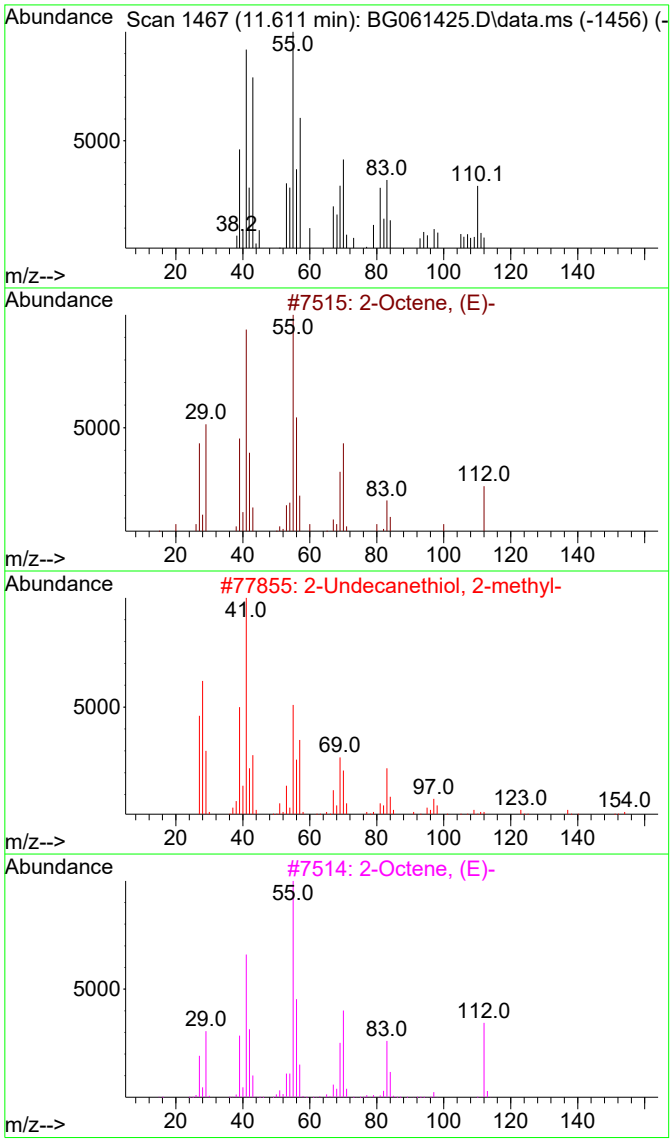
Quant Title : SVOA CALIBRATION

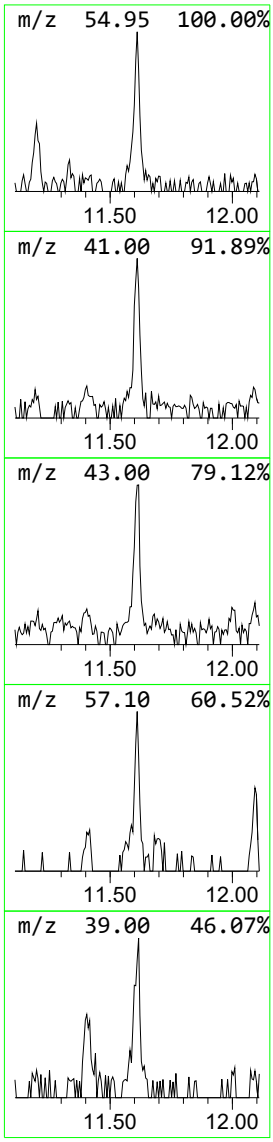
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.611	3.25 ng/ul	49135	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (E)-	112	C8H16	013389-42-9	50
2	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	50
3	2-Octene, (E)-	112	C8H16	013389-42-9	47
4	2-Octene	112	C8H16	000111-67-1	46
5	4-Octene, (Z)-	112	C8H16	007642-15-1	43





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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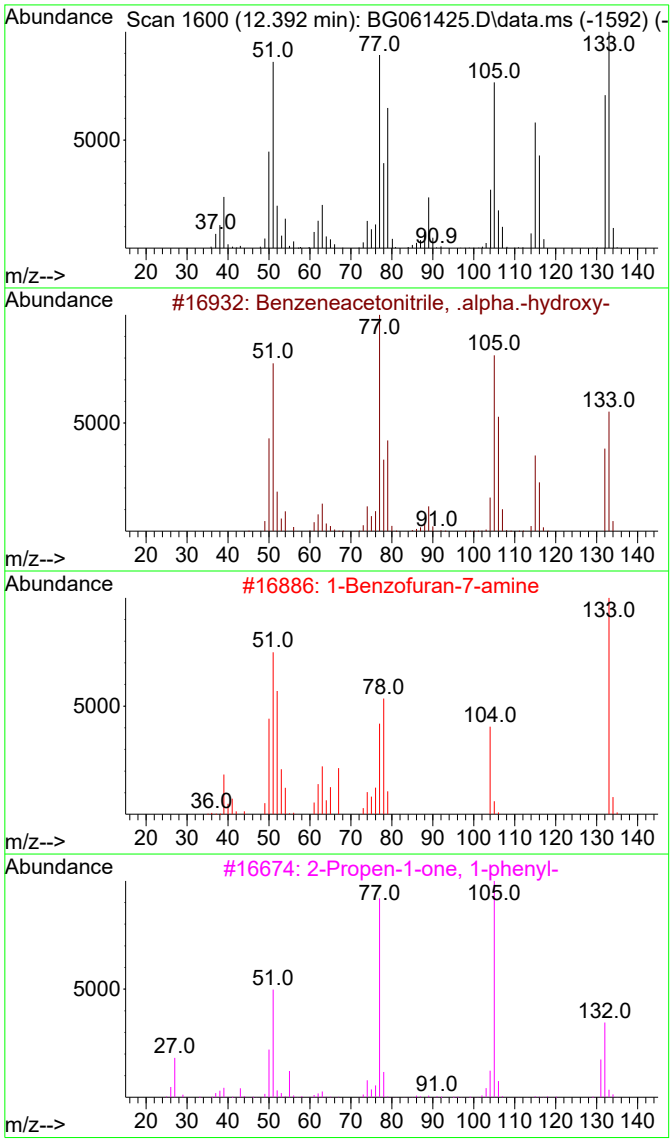
Quant Title : SVOA CALIBRATION

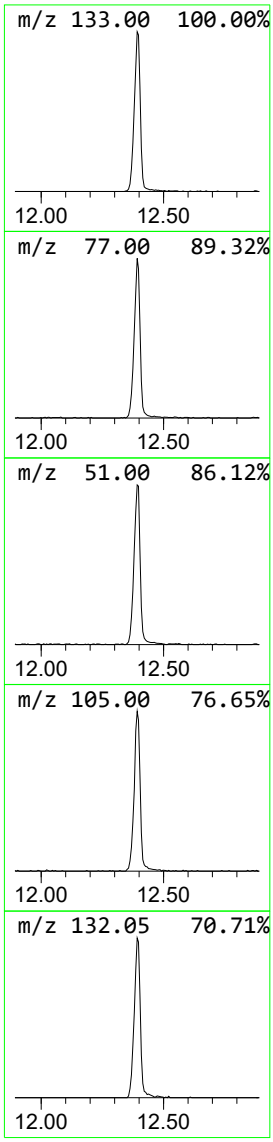
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzeneacetonitrile, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	68.17 ng/ul	1031830	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	81
2	1-Benzofuran-7-amine	133	C8H7NO	067830-55-1	58
3	2-Propen-1-one, 1-phenyl-	132	C9H8O	000768-03-6	49
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	40
5	Phthalimidine	133	C8H7NO	000480-91-1	38





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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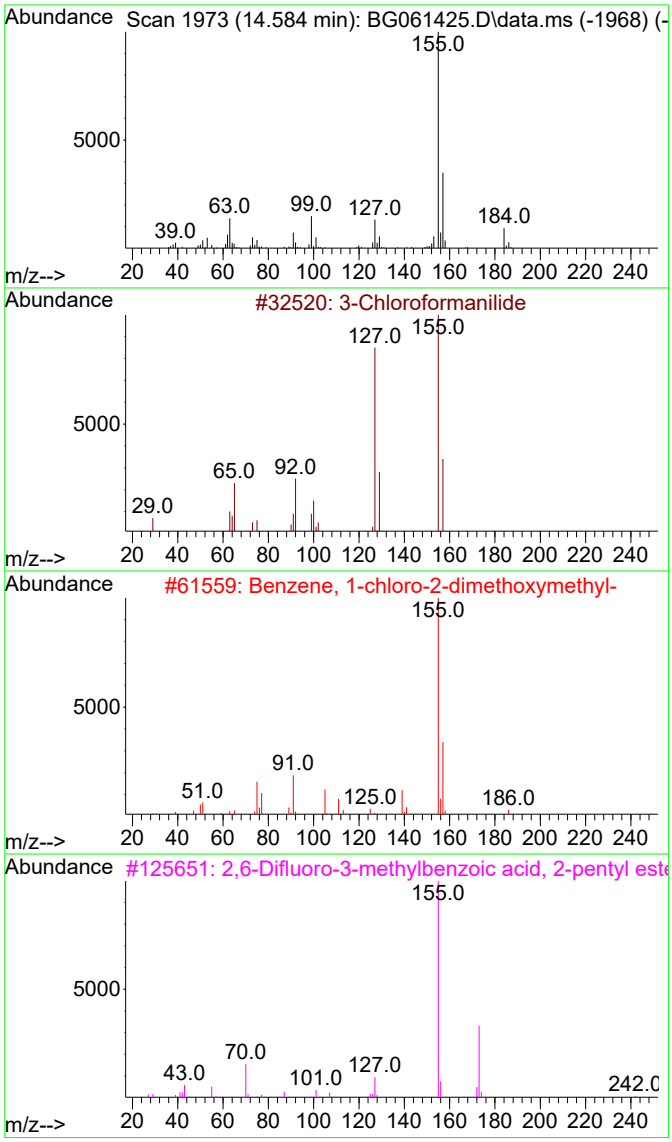
Quant Title : SVOA CALIBRATION

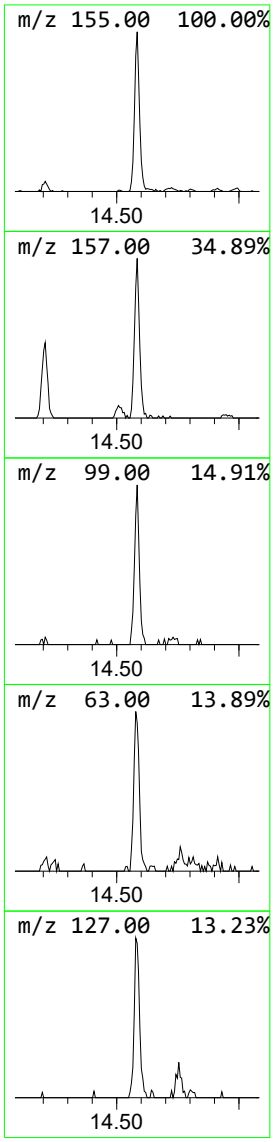
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Chloroformanilide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.584	7.53 ng/ul	174699	Acenaphthene-d10	14.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloroformanilide	155	C7H6ClNO	000139-71-9	59
2	Benzene, 1-chloro-2-dimethoxymet...	186	C9H11ClO2	070380-66-4	53
3	2,6-Difluoro-3-methylbenzoic aci...	242	C13H16F2O2	1000357-67-5	47
4	2,6-Difluoro-3-methylbenzoic aci...	186	C9H8F2O2	1000357-68-9	47
5	2,6-Difluoro-3-methylbenzoic aci...	248	C14H10F2O2	1000357-67-8	47





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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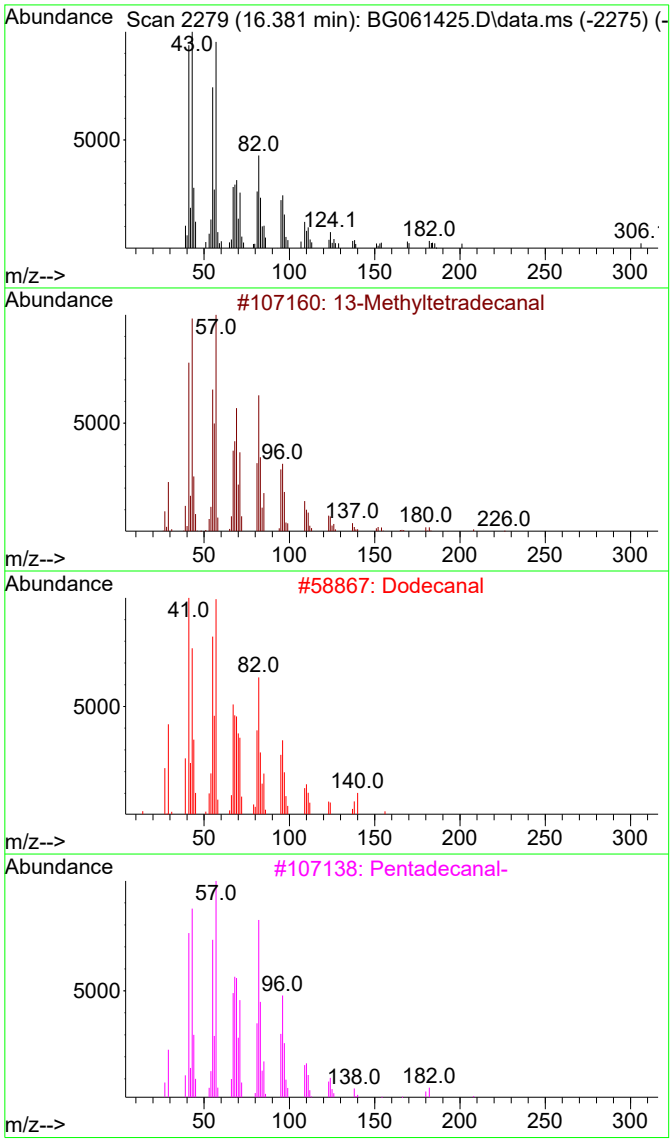
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

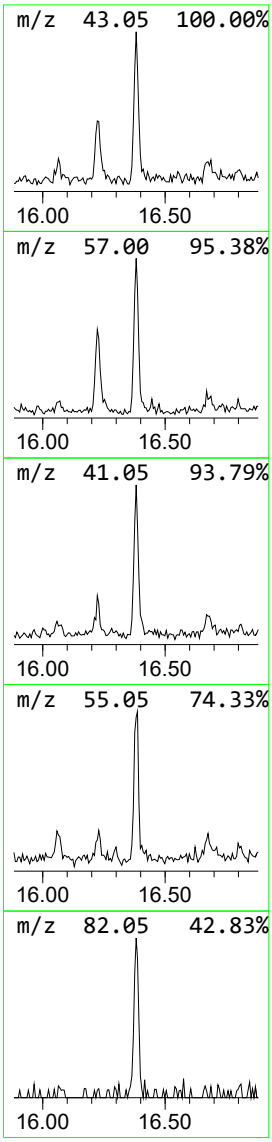
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 13-Methyltetradecanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.381	2.73 ng/ul	79574	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Methyltetradecanal	226	C15H30O	075853-51-9	91
2	Dodecanal	184	C12H24O	000112-54-9	91
3	Pentadecanal-	226	C15H30O	002765-11-9	91
4	Tetradecanal	212	C14H28O	000124-25-4	91
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

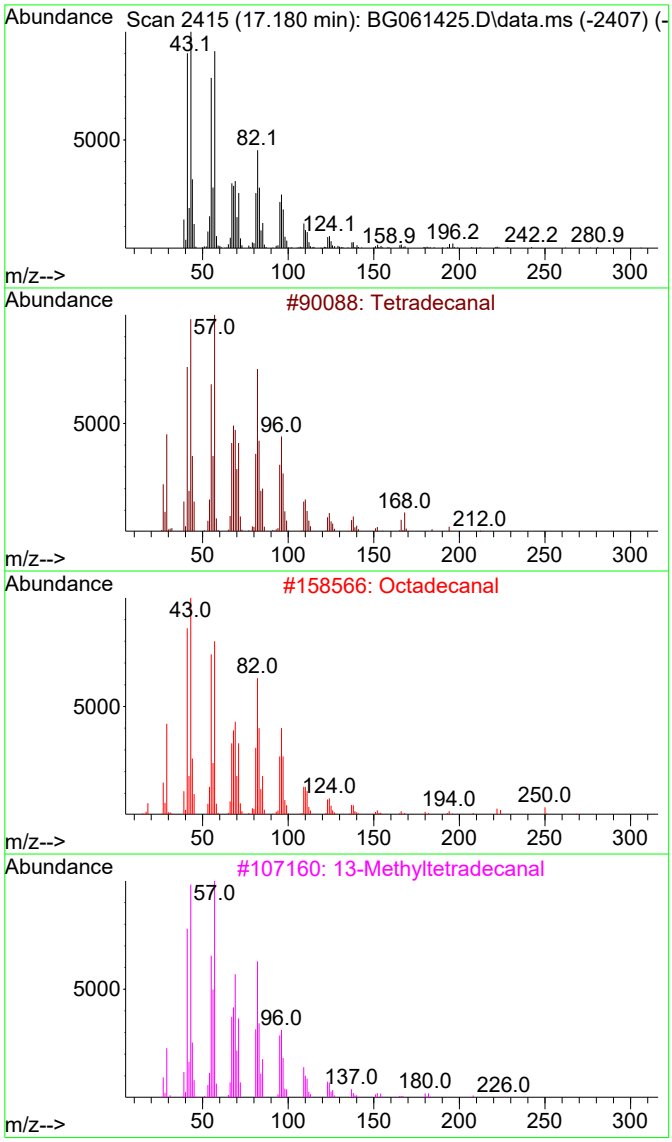
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

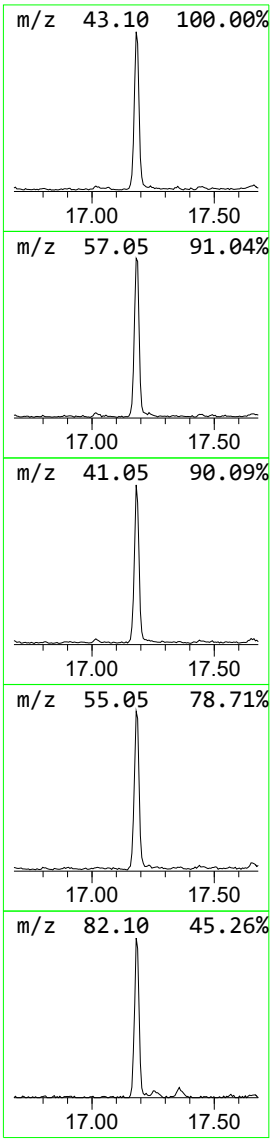
****

Peak Number 11 Tetradecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	26.93 ng/ul	785538	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	13-Methyltetradecanal	226	C15H30O	075853-51-9	91
4	Pentadecanal-	226	C15H30O	002765-11-9	91
5	Heptadecanal	254	C17H34O	1000376-70-0	91





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Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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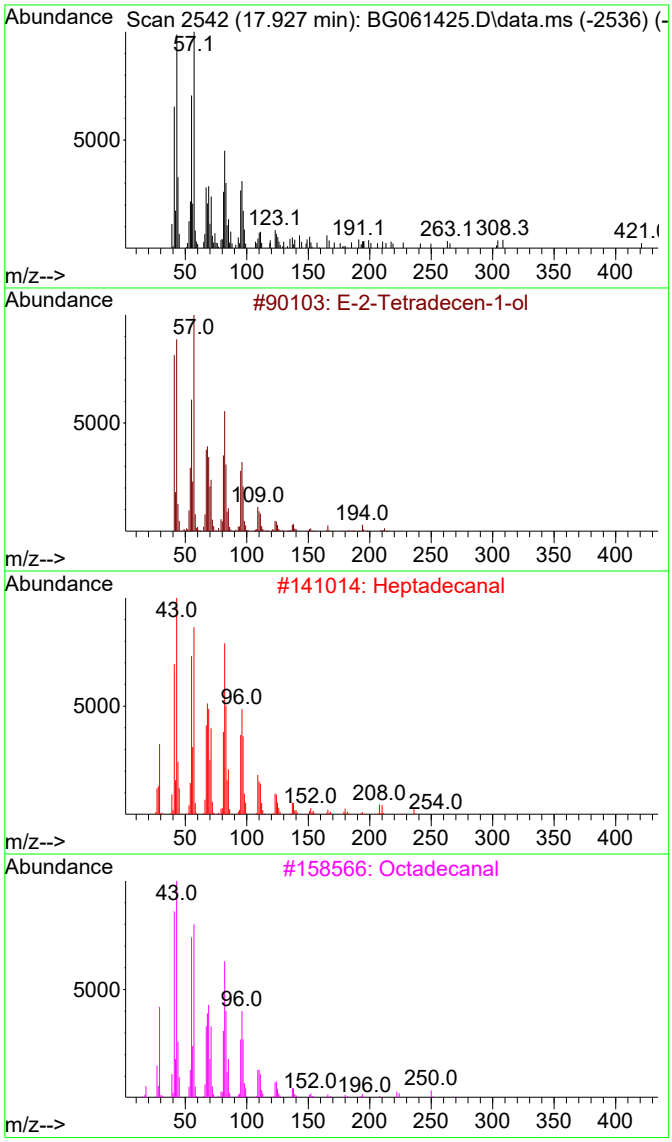
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

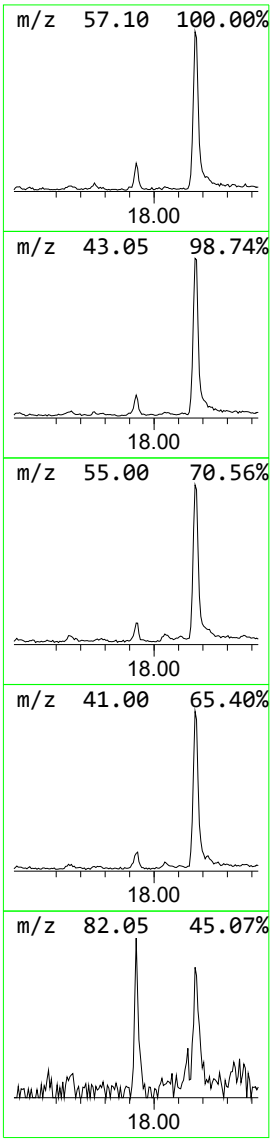
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 E-2-Tetradecen-1-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	3.56 ng/ul	103819	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	86
2	Heptadecanal	254	C17H34O	1000376-70-0	80
3	Octadecanal	268	C18H36O	000638-66-4	80
4	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	74
5	Hexacosanal	380	C26H52O	026627-85-0	72





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Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

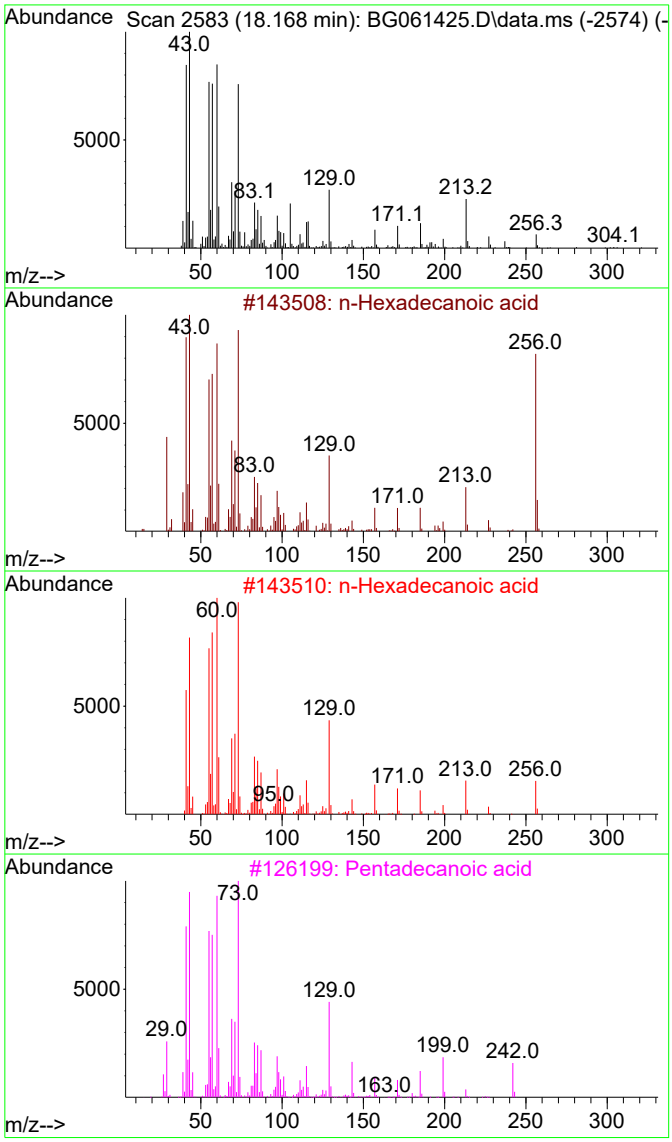
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

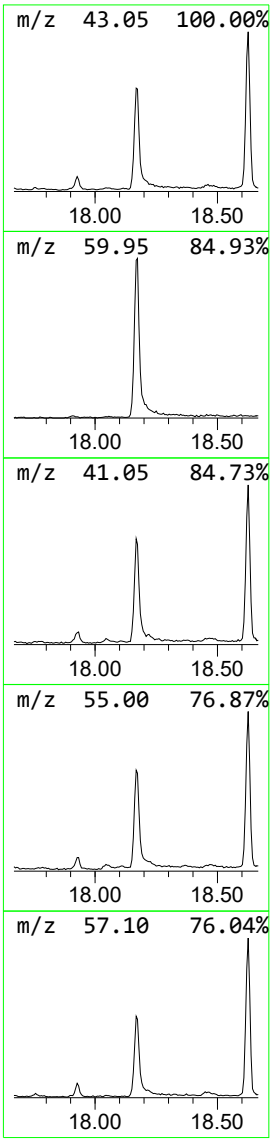
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	36.57 ng/ul	1067000	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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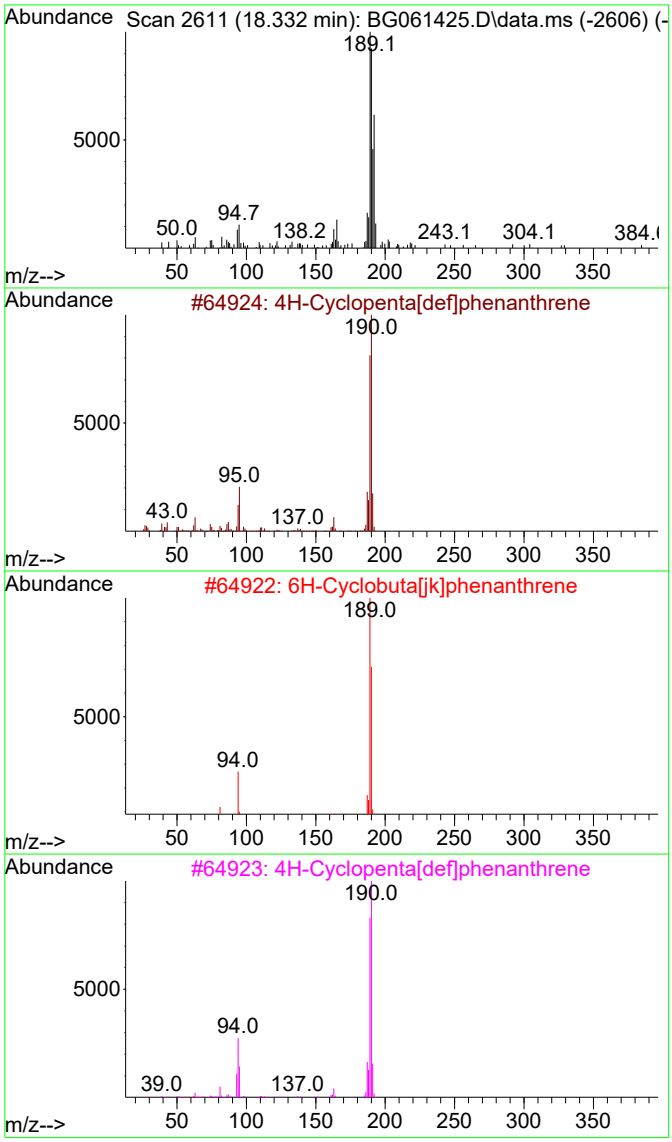
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

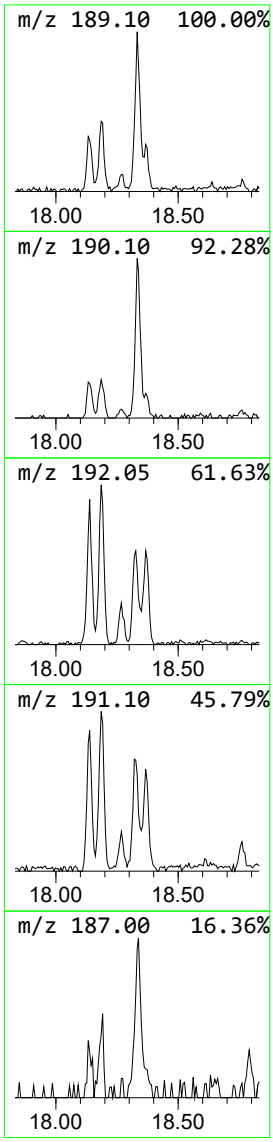
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.332	3.09 ng/ul	90017	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

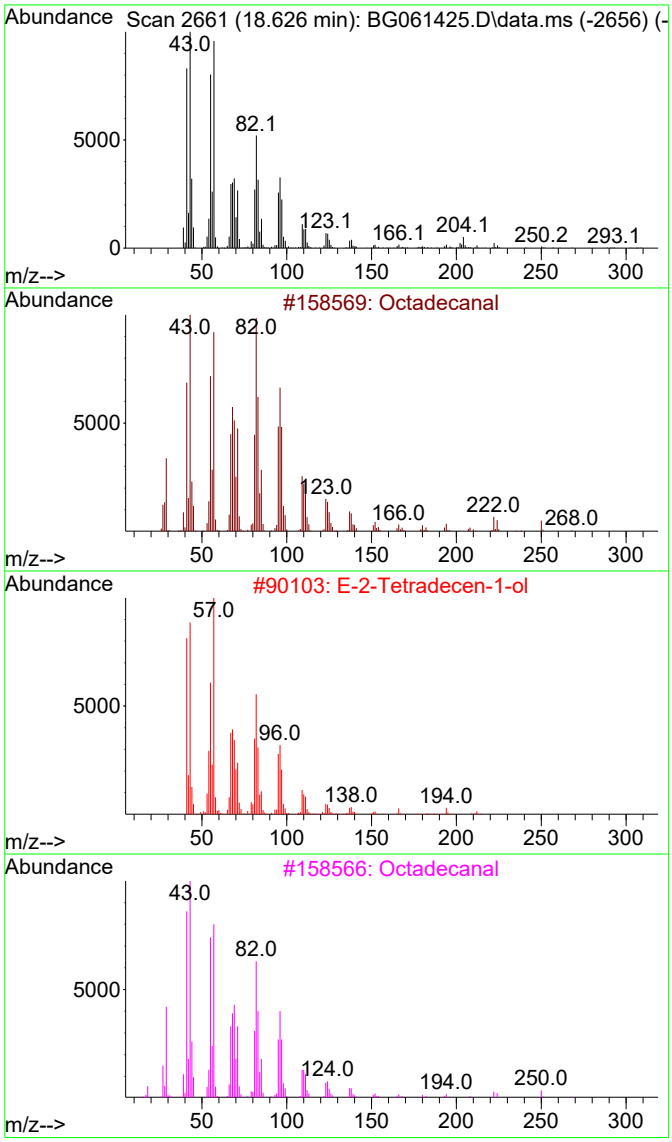
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

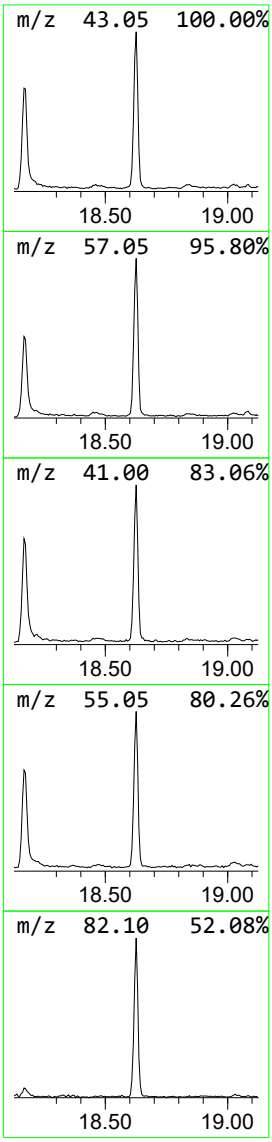
****

Peak Number 15 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.626	33.23 ng/ul	969429	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	94
3	Octadecanal	268	C18H36O	000638-66-4	93
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

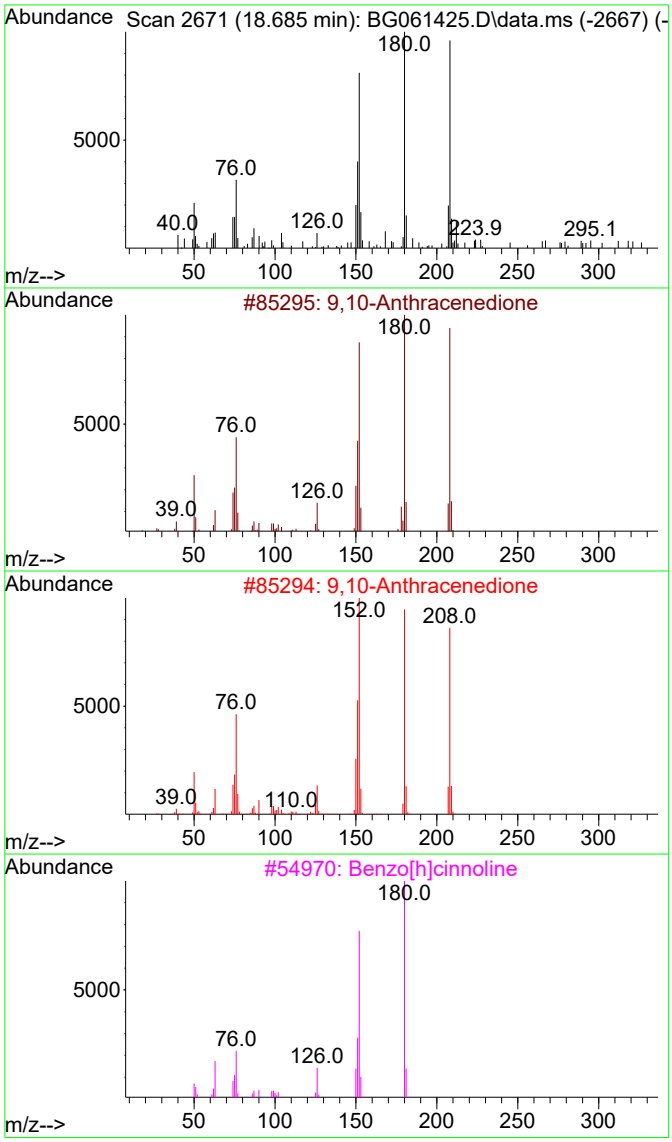
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

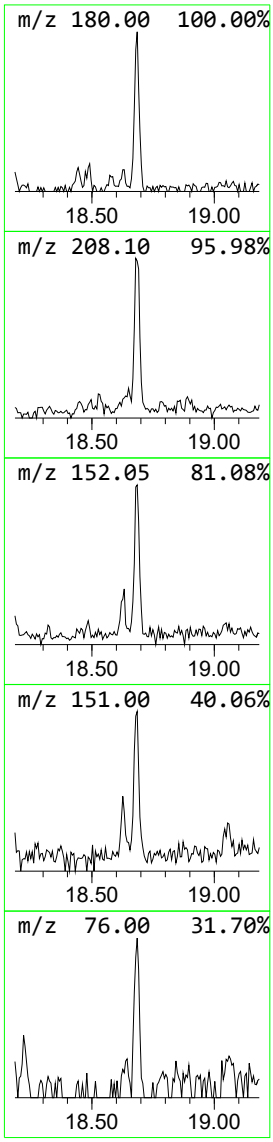
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	2.00 ng/ul	58439	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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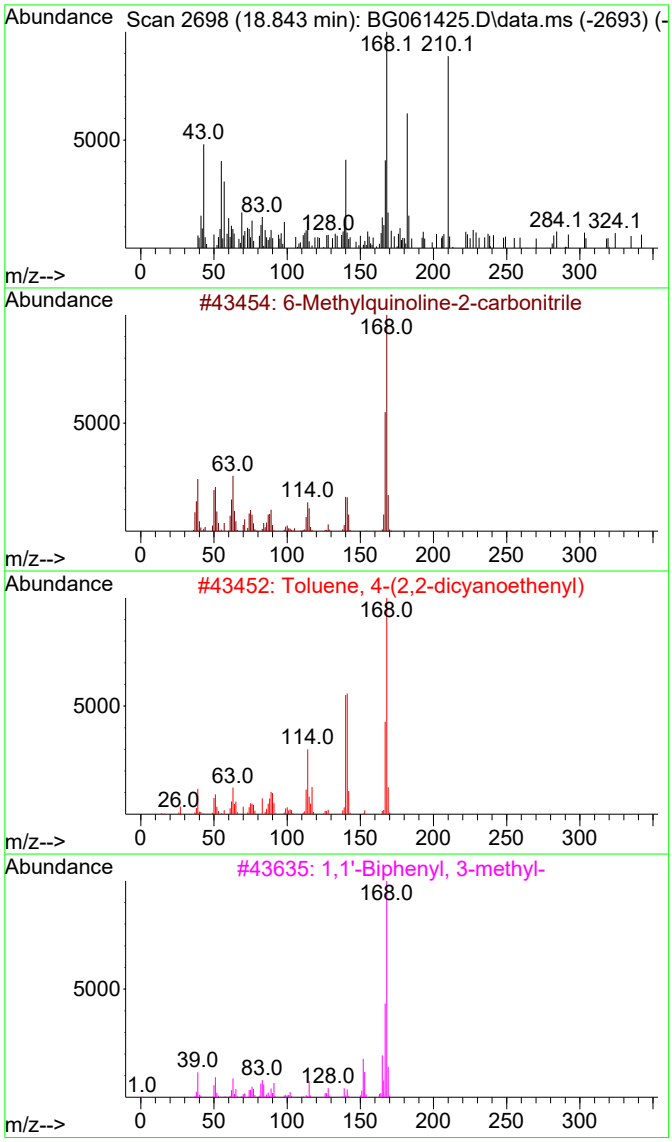
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

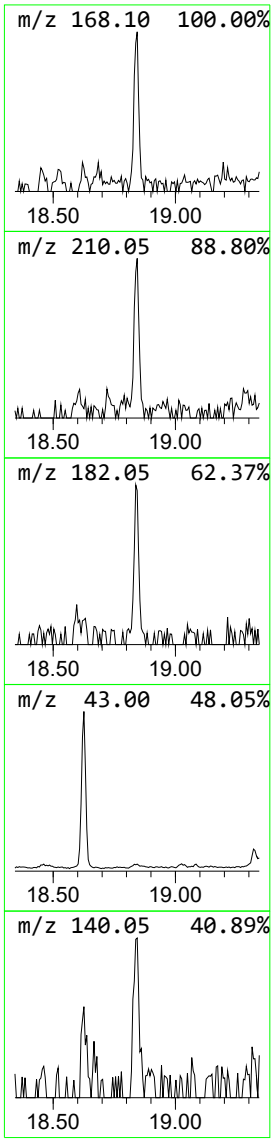
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.843	2.18 ng/ul	63535	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methylquinoline-2-carbonitrile	168	C11H8N2	1000409-51-6	45
2	Toluene, 4-(2,2-dicyanoethenyl)	168	C11H8N2	002826-25-7	35
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25
4	N-(3-Cyanophenyl)pyrrole	168	C11H8N2	175134-98-2	25
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	25





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

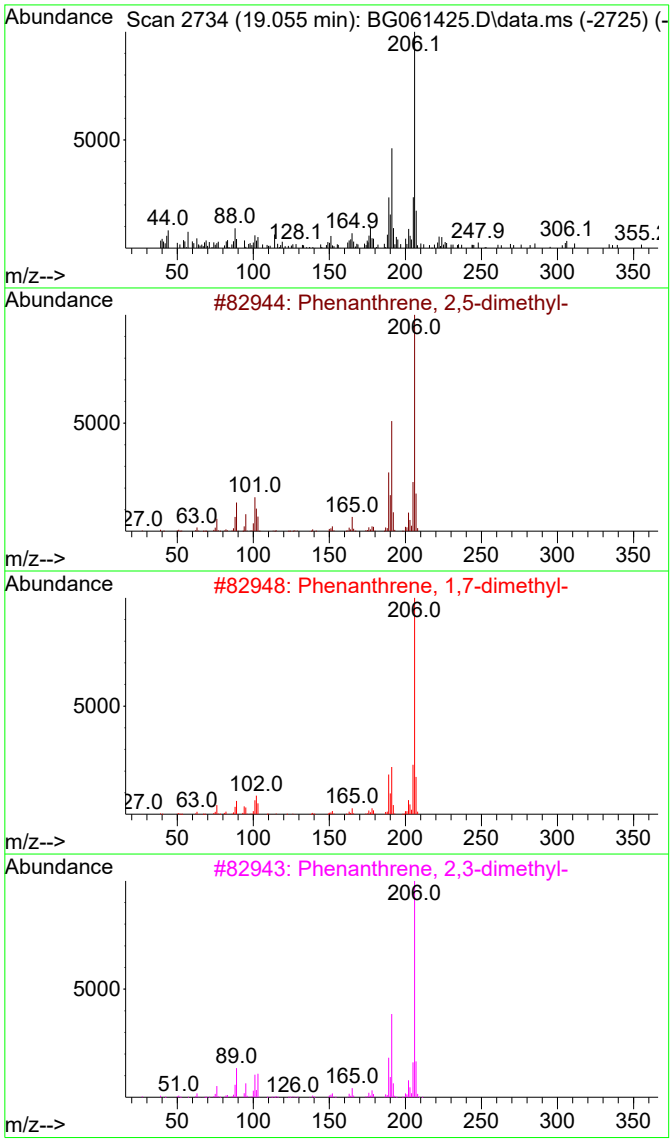
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

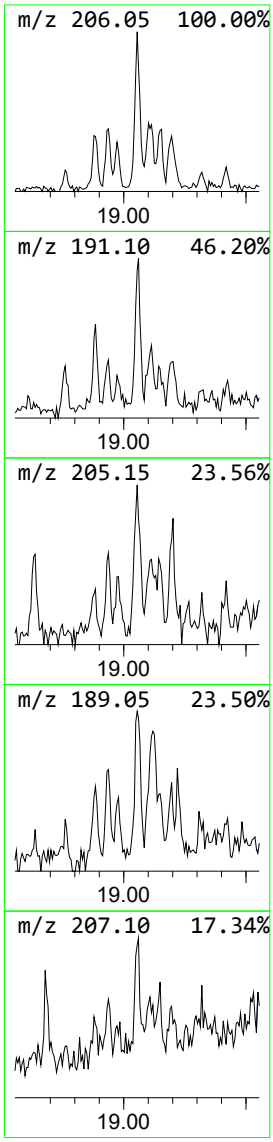
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.055	5.56 ng/ul	162192	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Acq On : 3 Jun 2024 16:07
Operator : MA/JU
Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN8

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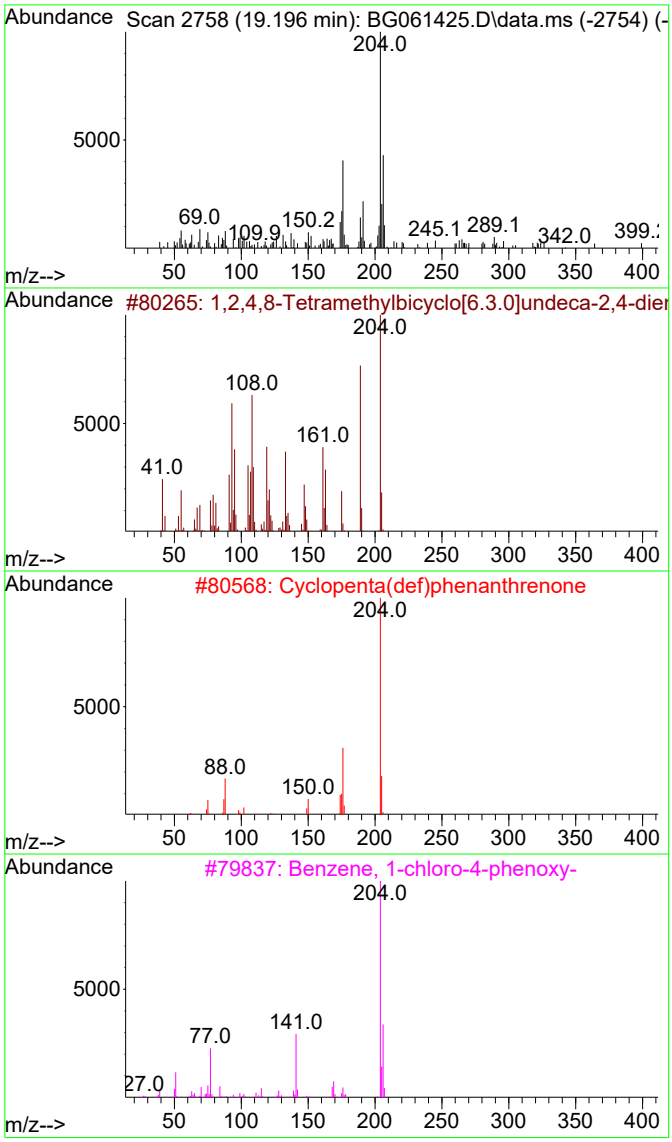
Quant Title : SVOA CALIBRATION

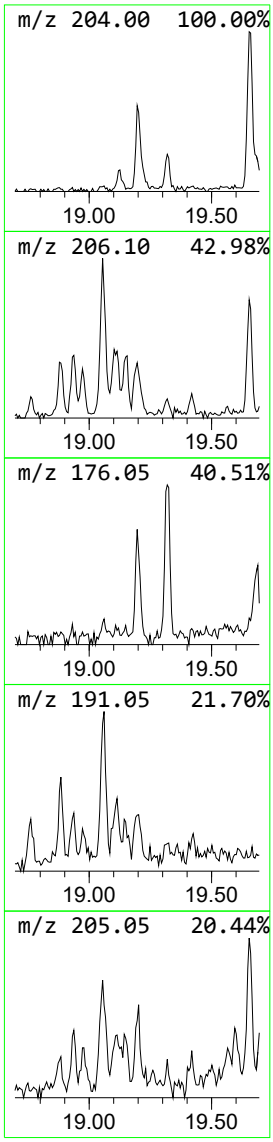
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.196	2.31 ng/ul	67344	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	50
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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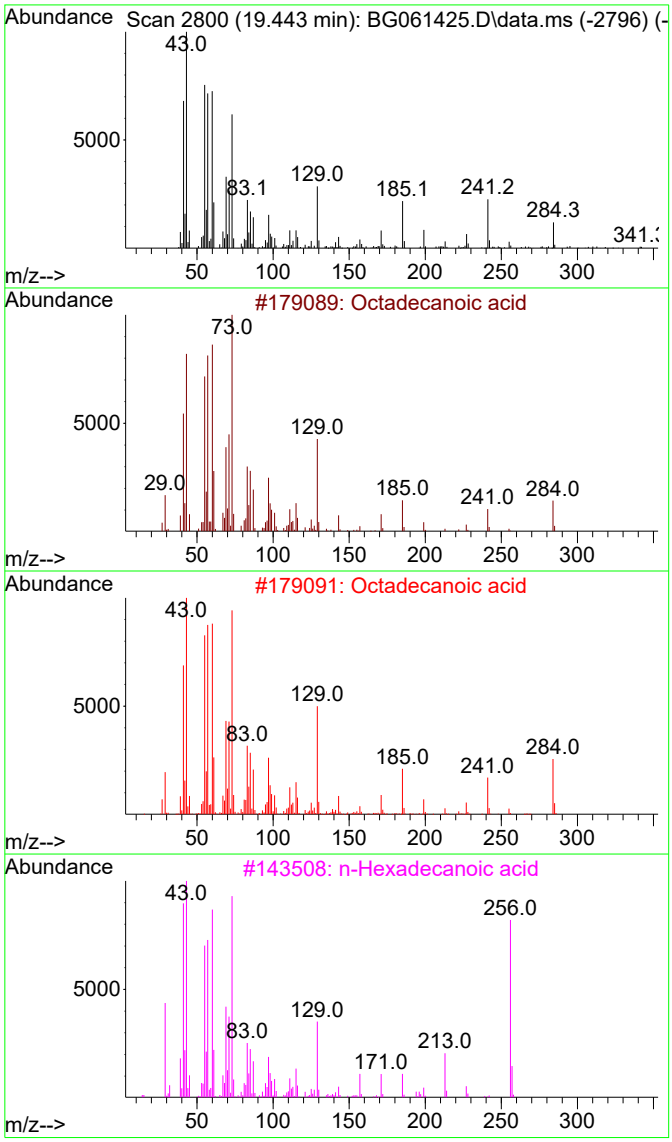
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

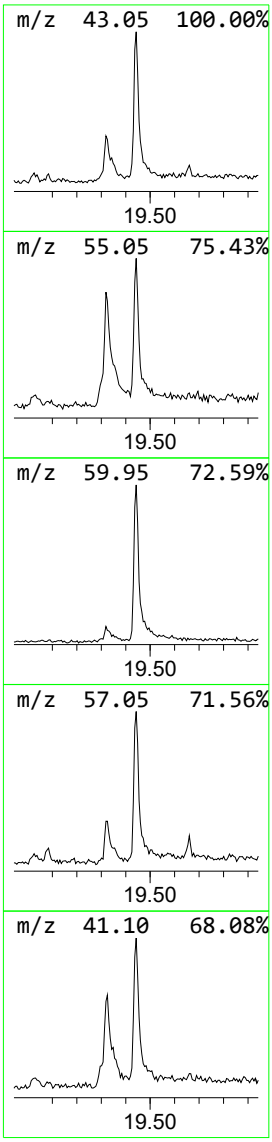
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.443	7.57 ng/ul	403222	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	Octadecanoic acid	284	C18H36O2	000057-11-4	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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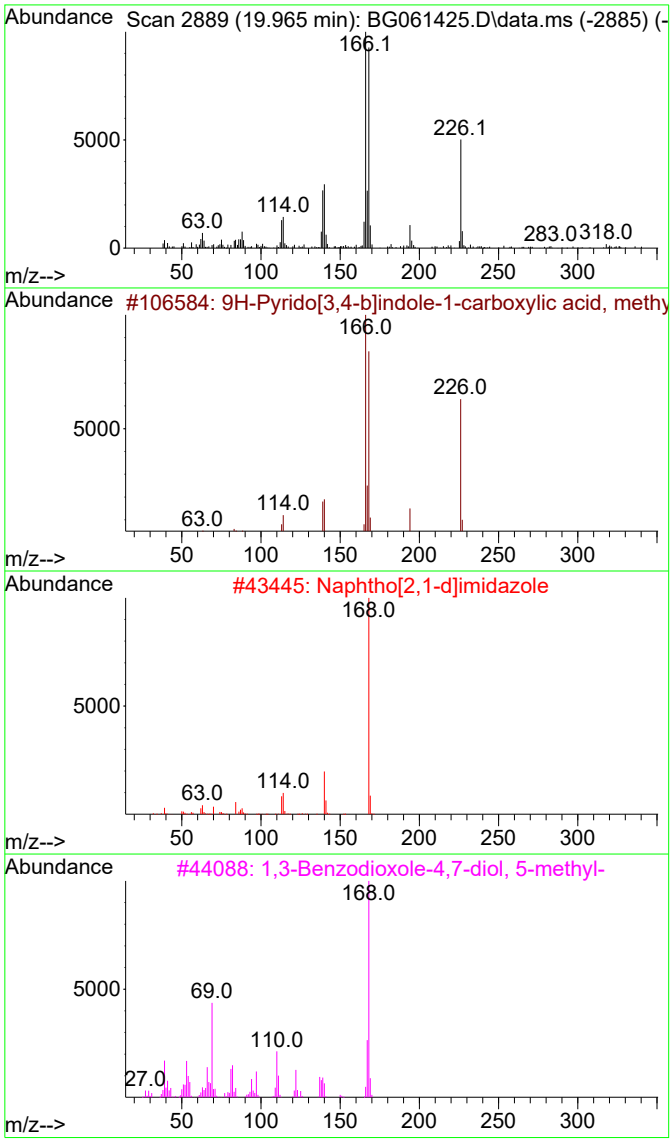
Quant Title : SVOA CALIBRATION

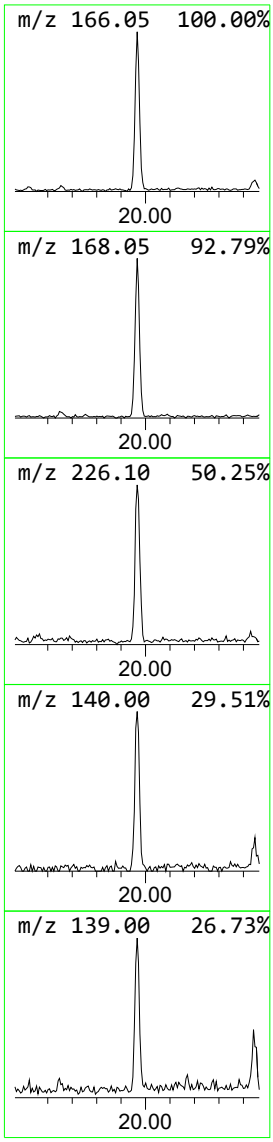
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9H-Pyrido[3,4-b]indole-1-ca... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.965	3.59 ng/ul	191272	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Pyrido[3,4-b]indole-1-carboxy...	226	C13H10N2O2	003464-66-2	94
2	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	30
3	1,3-Benzodioxole-4,7-diol, 5-met...	168	C8H8O4	1187645-83-5	30
4	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	27
5	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	27





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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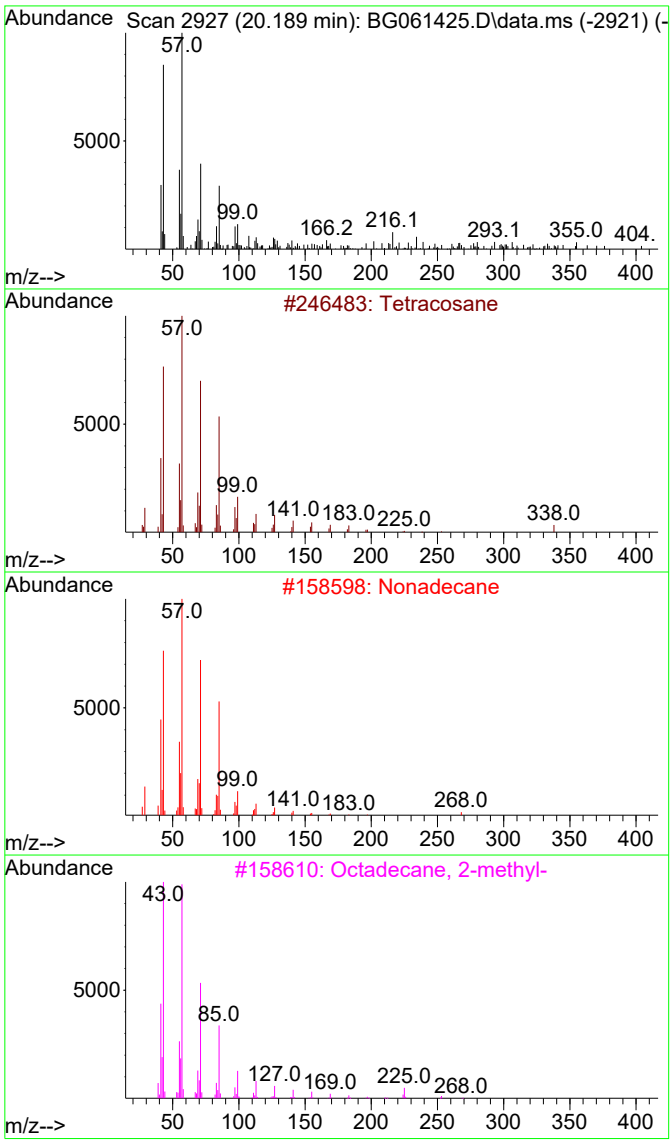
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

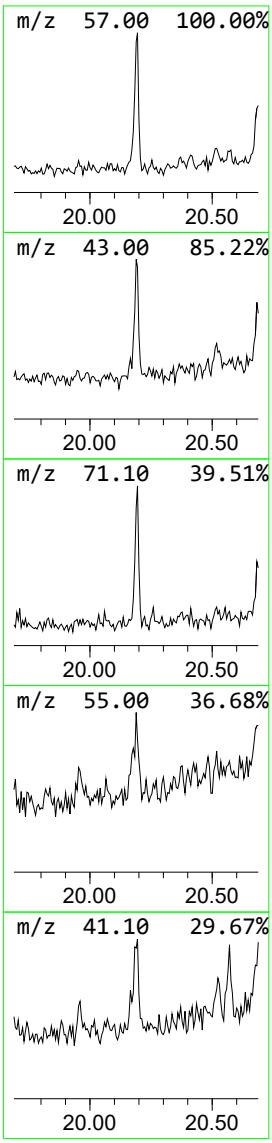
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.189	3.21 ng/ul	171003	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	89
2	Nonadecane	268	C19H40	000629-92-5	86
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
4	Docosane	310	C22H46	000629-97-0	70
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64





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Sample : P2577-10
Misc :
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Instrument :
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ClientSampleId :
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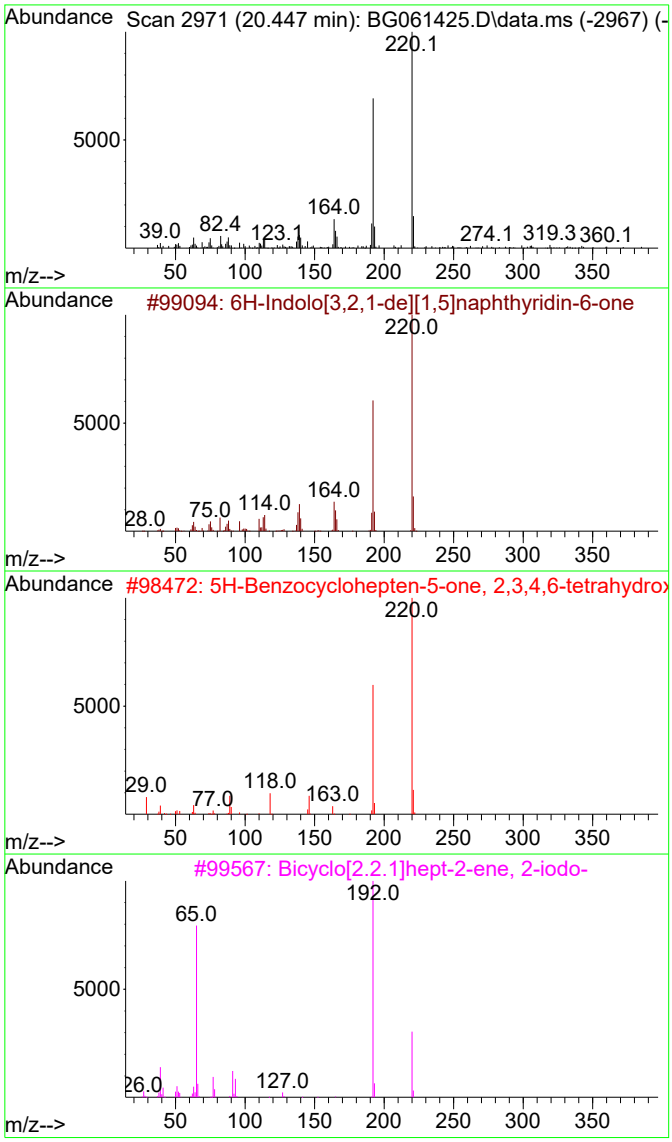
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

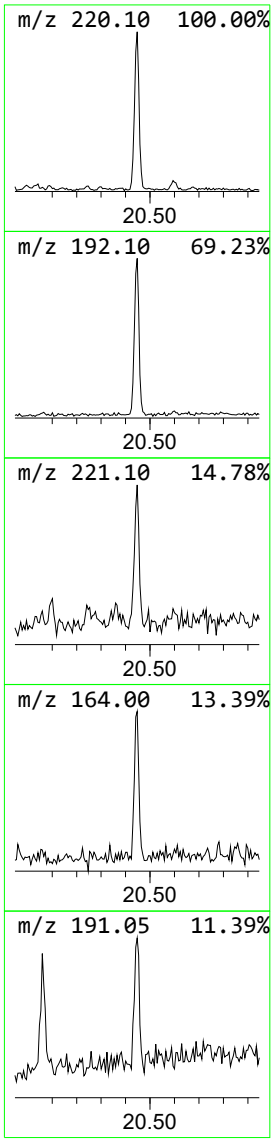
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 6H-Indolo[3,2,1-de][1,5]nap... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.447	2.09 ng/ul	111170	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Indolo[3,2,1-de][1,5]naphthyr...	220	C14H8N2O	000479-43-6	87
2	5H-Benzocyclohepten-5-one, 2,3,4...	220	C11H8O5	000569-77-7	74
3	Bicyclo[2.2.1]hept-2-ene, 2-iodo-	220	C7H9I	058426-15-6	72
4	Cinnoline, 6-methyl-3-phenyl-	220	C15H12N2	010501-72-1	64
5	6H-Indolo[3,2,1-de][1,5]naphthyr...	220	C14H8N2O	000479-43-6	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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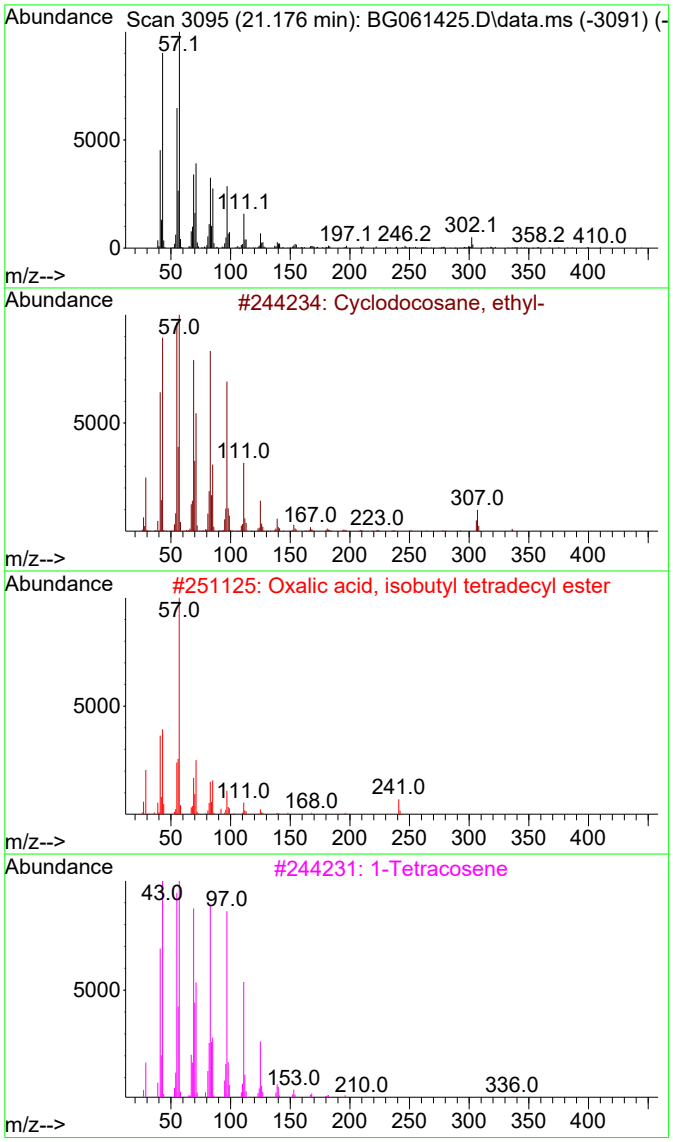
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

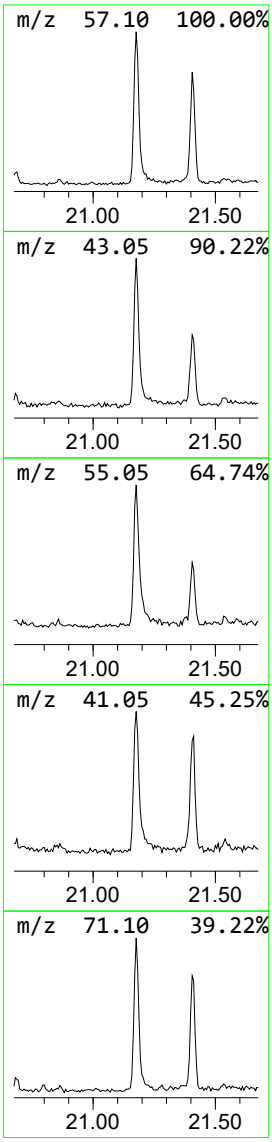
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic21.176 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.176	12.04 ng/ul	641245	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	92
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3	1-Tetracosene	336	C24H48	010192-32-2	90
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	87
5	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	81





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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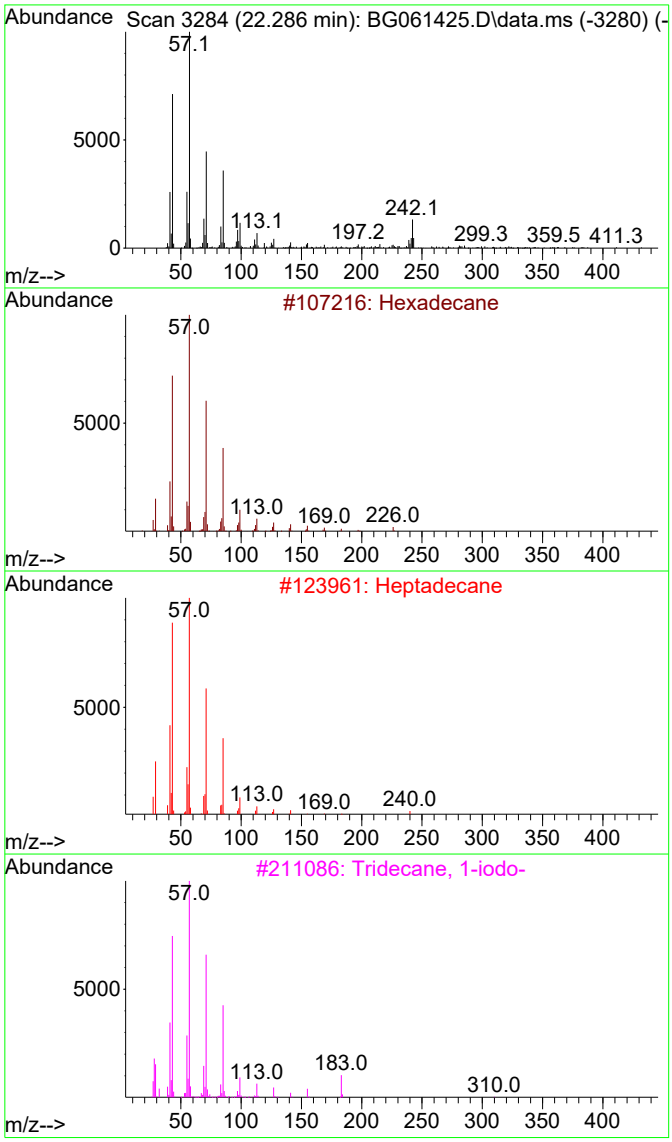
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

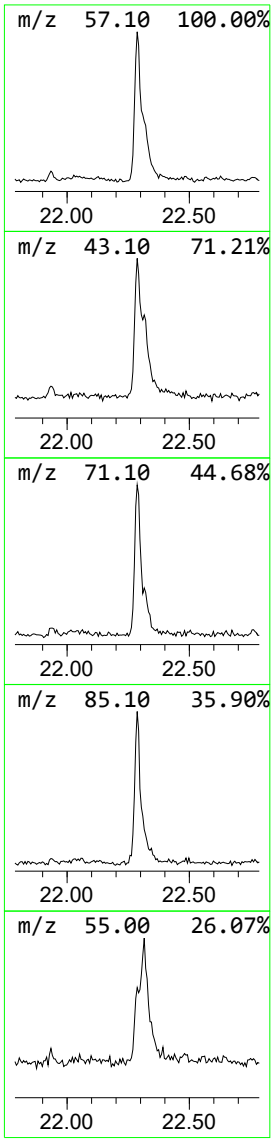
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.286	7.74 ng/ul	412373	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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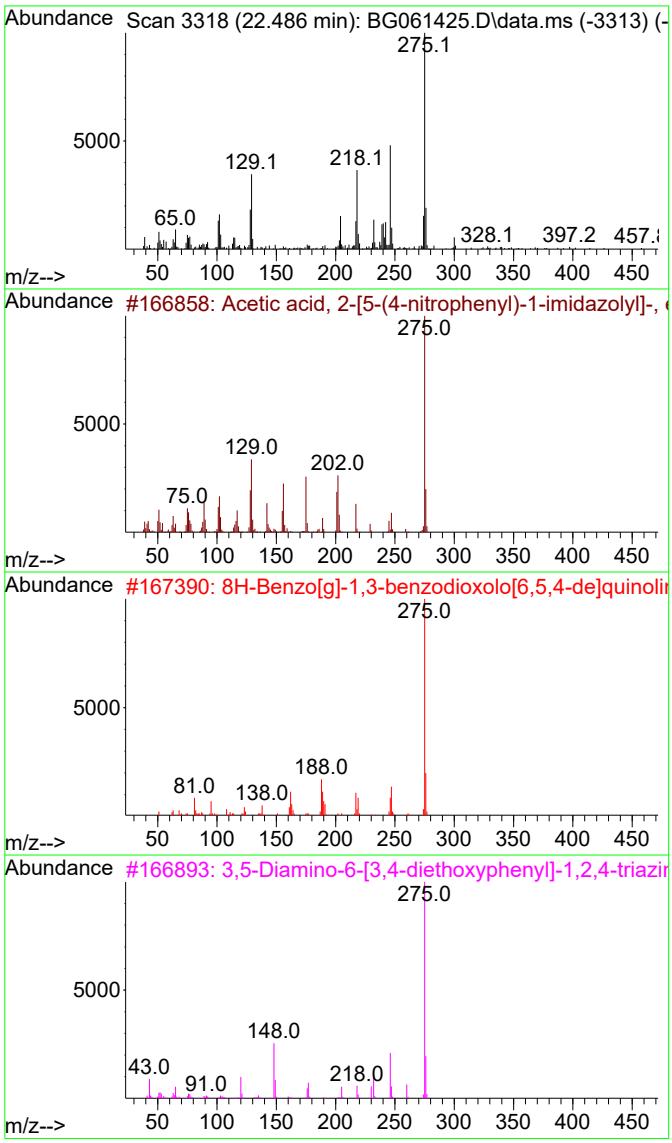
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

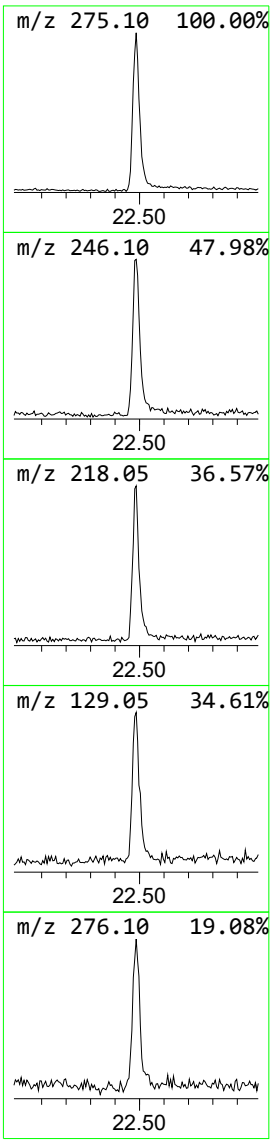
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.486	7.51 ng/ul	400113	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	55
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	50
3	3,5-Diamino-6-[3,4-diethoxypheny...	275	C13H17N5O2	058848-69-4	50
4	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	43
5	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	37





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Sample : P2577-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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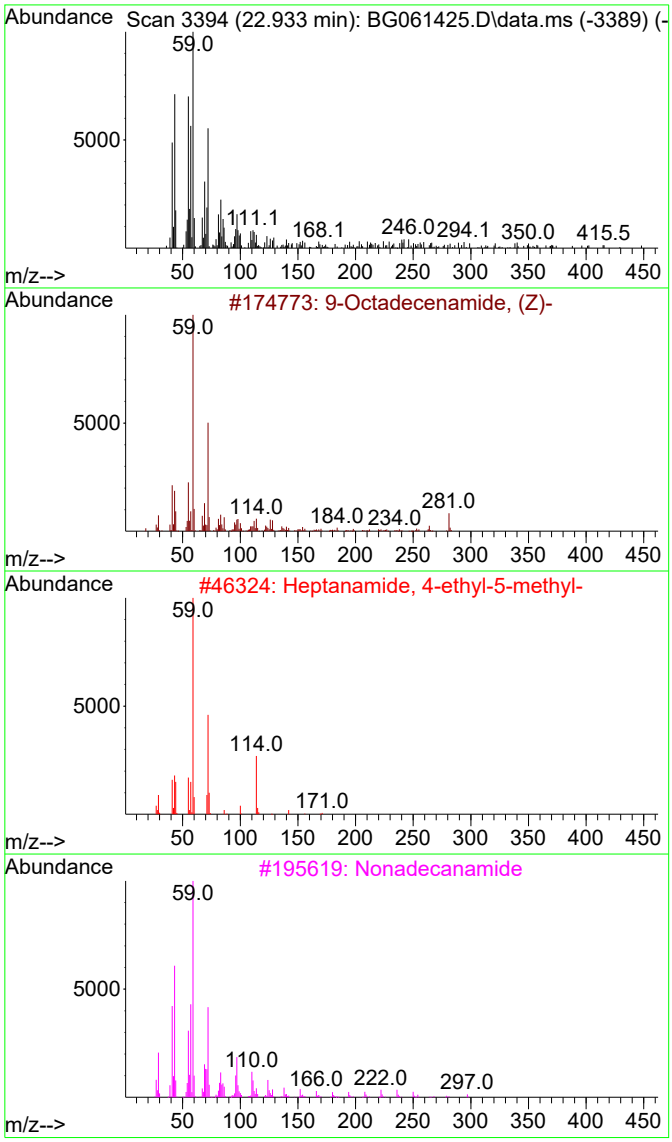
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

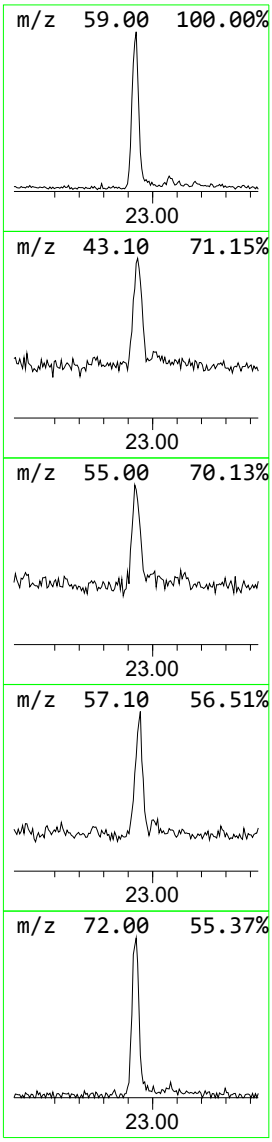
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.933	5.89 ng/ul	313554	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
3	Nonadecanamide	297	C19H39NO	058185-32-3	53
4	3-Hexadecanol	242	C16H34O	000593-03-3	47
5	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	43





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Quant Title : SVOA CALIBRATION

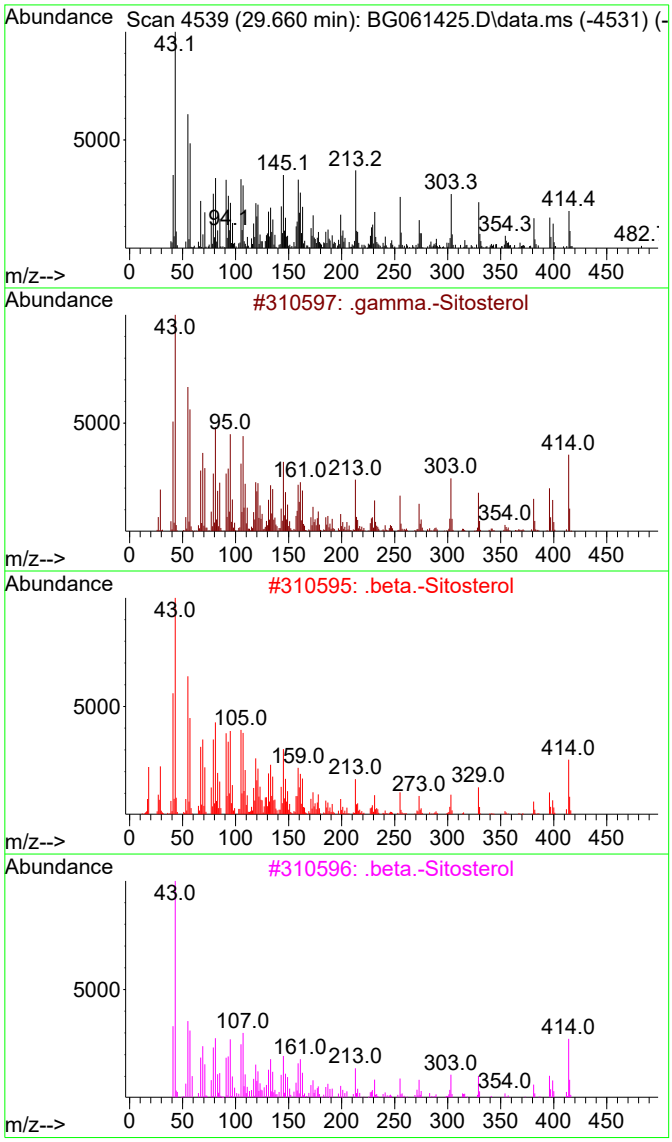
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

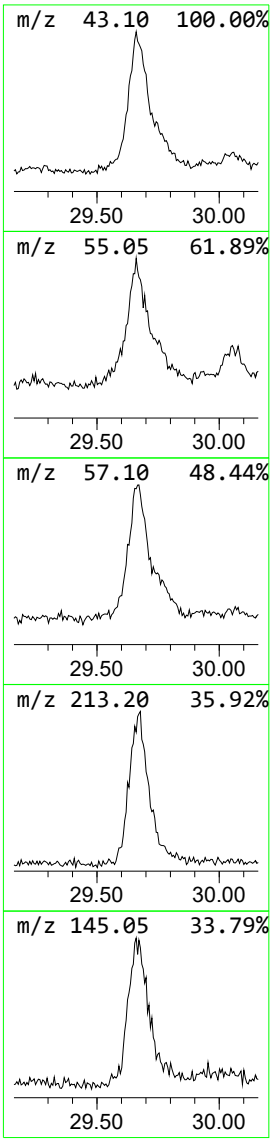
****

Peak Number 28 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.660	75.65 ng/ul	2500150	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	87
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	42
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	30
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	20
5	Sarsasapogenin-23-en-23-ol diace...	514	C31H46O6	1000255-22-2	14





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.079	298.2	ng/ul	3286060	1	7.874	220402	20.0
Benzyl alcohol	8.115	5.3	ng/ul	58757	1	7.874	220402	20.0
unknown-01	9.190	2.2	ng/ul	24219	1	7.874	220402	20.0
Benzene, 1,3,5-...	10.535	3.0	ng/ul	45965	2	10.671	302727	20.0
1-Phenoxypropan...	11.405	2.6	ng/ul	39875	2	10.671	302727	20.0
(DEL) Alkane: S...	11.611	3.3	ng/ul	49135	2	10.671	302727	20.0
Benzeneacetonit...	12.392	68.2	ng/ul	1031830	2	10.671	302727	20.0
3-Chloroformani...	14.584	7.5	ng/ul	174699	3	14.513	464292	20.0
13-Methyltetrad...	16.381	2.7	ng/ul	79574	4	17.263	583466	20.0
Tetradecanal	17.180	26.9	ng/ul	785538	4	17.263	583466	20.0
E-2-Tetradecen-...	17.927	3.6	ng/ul	103819	4	17.263	583466	20.0
n-Hexadecanoic ...	18.168	36.6	ng/ul	1067000	4	17.263	583466	20.0
4H-Cyclopenta[d...	18.332	3.1	ng/ul	90017	4	17.263	583466	20.0
Octadecanal	18.626	33.2	ng/ul	969429	4	17.263	583466	20.0
9,10-Anthracene...	18.685	2.0	ng/ul	58439	4	17.263	583466	20.0
unknown-02	18.843	2.2	ng/ul	63535	4	17.263	583466	20.0
Phenanthrene, 2...	19.055	5.6	ng/ul	162192	4	17.263	583466	20.0
1,2,4,8-Tetrame...	19.196	2.3	ng/ul	67344	4	17.263	583466	20.0
Octadecanoic acid	19.443	7.6	ng/ul	403222	5	21.517	1065030	20.0
9H-Pyrido[3,4-b...	19.965	3.6	ng/ul	191272	5	21.517	1065030	20.0
(DEL) Alkane: S...	20.189	3.2	ng/ul	171003	5	21.517	1065030	20.0
6H-Indolo[3,2,1...	20.447	2.1	ng/ul	111170	5	21.517	1065030	20.0
(DEL) Alkane: C...	21.176	12.0	ng/ul	641245	5	21.517	1065030	20.0
(DEL) Alkane: S...	22.286	7.7	ng/ul	412373	5	21.517	1065030	20.0
Acetic acid, 2-...	22.486	7.5	ng/ul	400113	5	21.517	1065030	20.0
9-Octadecenamid...	22.933	5.9	ng/ul	313554	5	21.517	1065030	20.0
.gamma.-Sitosterol	29.660	75.7	ng/ul	2500150	6	24.607	660988	20.0