LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059671.D
Acq On : 6 Nov 2023 2:31
Operator : MA/JU
Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG3

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-BG110323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.506	18	20	22	rBV3	6444	4731	0.72%	0.090%
2	3.647	41	44	46	rBV2	4369	4894	0.75%	0.093%
3	3.718	52	56	58	rBV	5720	6075	0.93%	0.115%
4	3.736	58	59	62	rVV	4250	4369	0.67%	0.083%
5	3.765	62	64	67	rVB	3564	3698	0.56%	0.070%
6	4.088	117	119	122	rVV2	7898	9142	1.39%	0.173%
7	4.141	126	128	131	rVB	3436	4001	0.61%	0.076%
8	4.170	131	133	134	rBV	5149	3664	0.56%	0.069%
9	4.200	134	138	144	rVV4	13811	21230	3.24%	0.402%
10	4.294	149	154	159	rBV4	7603	15388	2.35%	0.292%
11	4.963	263	268	272	rBV3	13841	24263	3.70%	0.460%
12	5.357	331	335	337	rVV	6929	9989	1.52%	0.189%
13	5.434	346	348	350	rBV	3936	3981	0.61%	0.075%
14	5.451	350	351	354	rVB2	5667	4346	0.66%	0.082%
15	5.539	363	366	371	rVB	4278	7414	1.13%	0.140%
16	5.592	373	375	377	rVB	4943	4360	0.67%	0.083%
17	5.727	396	398	400	rVB	4901	4556	0.70%	0.086%
18	5.868	418	422	423	rBV	4051	4820	0.74%	0.091%
19	5.909	426	429	430	rBV	3062	3900	0.60%	0.074%
20	5.998	443	444	448	rBV	4581	4720	0.72%	0.089%
21	6.738	568	570	572	rBV	4912	4640	0.71%	0.088%
22	6.873	591	593	595	rBV	4270	4959	0.76%	0.094%
23	7.173	642	644	647	rBV	3220	4023	0.61%	0.076%
24	7.202	647	649	652	rVB	3451	3865	0.59%	0.073%
25	7.461	688	693	703	rVB4	50410	107790	16.45%	2.042%
26	7.666	723	728	732	rVB	31442	51528	7.86%	0.976%
27	7.860	755	761	769	rVB3	57543	105381	16.08%	1.997%
28	7.995	782	784	786	rVB3	5268	3940	0.60%	0.075%
29	8.025	786	789	790	rBV3	4586	3850	0.59%	0.073%
30	8.354	839	845	850	rVB2	101260	175840	26.83%	3.332%
31	8.918	937	941	944	rBV2	3420	4347	0.66%	0.082%
32	9.029	953	960	968	rBV5	30601	57341	8.75%	1.086%
33	9.188	983	987	997	rVB2	37814	71765	10.95%	1.360%
34	9.323	1008	1010	1012	rBV2	6038	4928	0.75%	0.093%
35	9.540	1042	1047	1057	rVB2	54313	104798	15.99%	1.986%
36	9.887	1102	1106	1110	rVB2	2892	4384	0.67%	0.083%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

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-BG110323.MA.M
Title : SVOA CALIBRATION

37	10.011	1124	1127	1130	rVB2	4042	5582	0.85%	0.106%
38	10.152	1148	1151	1152	rBV2	4450	4092	0.62%	0.078%
39	10.263	1165	1170	1178	rVB4	53804	100539	15.34%	1.905%
40	10.345	1180	1184	1185	rBV2	9703	10322	1.57%	0.196%
41	10.563	1220	1221	1225	rBV	4205	4753	0.73%	0.090%
42	10.622	1229	1231	1234	rVV3	7831	6779	1.03%	0.128%
43	10.792	1254	1260	1266	rVV2	78432	135870	20.73%	2.574%
44	11.197	1322	1329	1336	rVB	160737	274807	41.93%	5.207%
45	11.333	1349	1352	1358	rVB4	20961	32393	4.94%	0.614%
46	11.432	1367	1369	1371	rVB4	5297	3722	0.57%	0.071%
47	11.479	1375	1377	1379	rVV4	3842	3833	0.58%	0.073%
48	11.703	1413	1415	1416	rBV	6969	5535	0.84%	0.105%
49	11.914	1449	1451	1453	rBV	6037	4292	0.65%	0.081%
50	12.061	1474	1476	1480	rVB	3745	5433	0.83%	0.103%
51	12.261	1509	1510	1513	rBV	3851	4211	0.64%	0.080%
52	12.414	1534	1536	1539	rBV	4207	4002	0.61%	0.076%
53	12.478	1546	1547	1551	rBV	3780	4552	0.69%	0.086%
54	12.537	1556	1557	1560	rVB2	6049	3783	0.58%	0.072%
55	12.901	1616	1619	1621	rBV2	4355	4339	0.66%	0.082%
56	12.942	1623	1626	1629	rBV2	3560	4525	0.69%	0.086%
57	13.213	1670	1672	1675	rBV2	3139	3684	0.56%	0.070%
58	13.342	1691	1694	1696	rVB2	4278	4690	0.72%	0.089%
59	13.377	1696	1700	1702	rBV2	5710	6982	1.07%	0.132%
60	13.806	1768	1773	1777	rBV4	16805	27974	4.27%	0.530%
61	13.906	1788	1790	1792	rBV4	4248	3792	0.58%	0.072%
62	13.988	1800	1804	1805	rBV4	4390	5187	0.79%	0.098%
63	14.135	1827	1829	1830	rBV4	4719	4123	0.63%	0.078%
64	14.288	1853	1855	1856	rVV	4837	4283	0.65%	0.081%
65	14.317	1858	1860	1861	rVV	6584	3802	0.58%	0.072%
66	14.370	1862	1869	1875	rVB	188547	283879	43.31%	5.379%
67	14.505	1890	1892	1894	rVB	6764	4539	0.69%	0.086%
68	14.535	1894	1897	1899	rBV2	2783	3815	0.58%	0.072%
69	14.682	1916	1922	1928	rVB2	176234	277333	42.31%	5.255%
70	14.887	1954	1957	1959	rVB2	5594	4839	0.74%	0.092%
71	14.911	1959	1961	1963	rBV	3719	3886	0.59%	0.074%
72	14.975	1966	1972	1980	rVB	265317	402349	61.39%	7.624%
73	15.146	1996	2001	2007	rBV2	89841	137682	21.01%	2.609%
74	15.328	2026	2032	2036	rBV4	13330	26957	4.11%	0.511%
75	15.733	2099	2101	2105	rVB2	6056	4716	0.72%	0.089%
76	15.886	2125	2127	2130	rVV	5123	6069	0.93%	0.115%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

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_G\Methods\SFAM-EPA-BG110323.MA.M
Title : SVOA CALIBRATION

77	15.962	2134	2140	2150	rVV	239382	387408	59.11%	7.341%
78	16.062	2152	2157	2164	rVB4	77164	125911	19.21%	2.386%
79	16.280	2193	2194	2196	rVV	7374	4802	0.73%	0.091%
80	16.321	2199	2201	2203	rBV	4814	4574	0.70%	0.087%
81	16.362	2205	2208	2210	rBV	4943	5043	0.77%	0.096%
82	16.415	2216	2217	2220	rVB	7581	6345	0.97%	0.120%
83	16.450	2220	2223	2224	rBV	6020	7492	1.14%	0.142%
84	16.538	2234	2238	2240	rBV2	7041	8343	1.27%	0.158%
85	16.591	2244	2247	2249	rBV2	5757	8754	1.34%	0.166%
86	16.867	2292	2294	2296	rBV	5338	4063	0.62%	0.077%
87	17.237	2352	2357	2360	rBV5	15189	21785	3.32%	0.413%
88	17.637	2422	2425	2426	rBV	5489	5382	0.82%	0.102%
89	17.725	2434	2440	2446	rBV	322877	519694	79.29%	9.847%
90	17.825	2452	2457	2463	rBV2	257567	386367	58.95%	7.321%
91	18.036	2489	2493	2495	rBV3	7100	10485	1.60%	0.199%
92	18.201	2518	2521	2525	rBV4	7046	8172	1.25%	0.155%
93	18.542	2575	2579	2585	rVV3	59016	85558	13.05%	1.621%
94	18.718	2607	2609	2612	rVB3	8525	9791	1.49%	0.186%
95	18.771	2616	2618	2621	rBV2	9858	13807	2.11%	0.262%
96	19.370	2717	2720	2721	rBV3	12389	15366	2.34%	0.291%
97	19.488	2737	2740	2743	rBV5	25366	35490	5.41%	0.672%
98	19.764	2783	2787	2791	rVB	159632	204039	31.13%	3.866%
99	19.799	2791	2793	2798	rVB5	30380	36665	5.59%	0.695%
100	20.099	2839	2844	2848	rBV	408589	655445	100.00%	12.419%

Sum of corrected areas: 5277646

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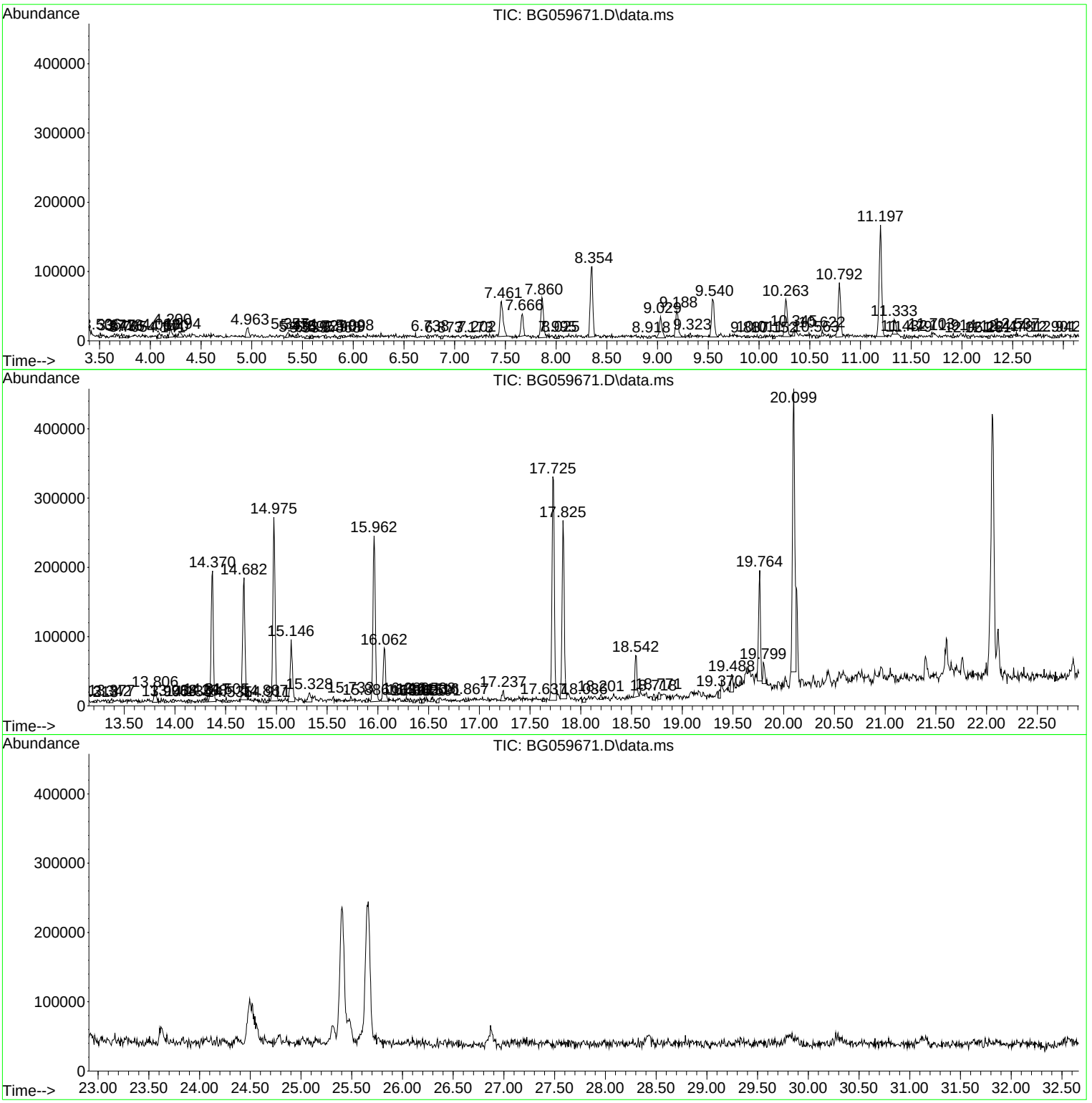
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.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\BG110423\
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Instrument :
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ClientSampleId :
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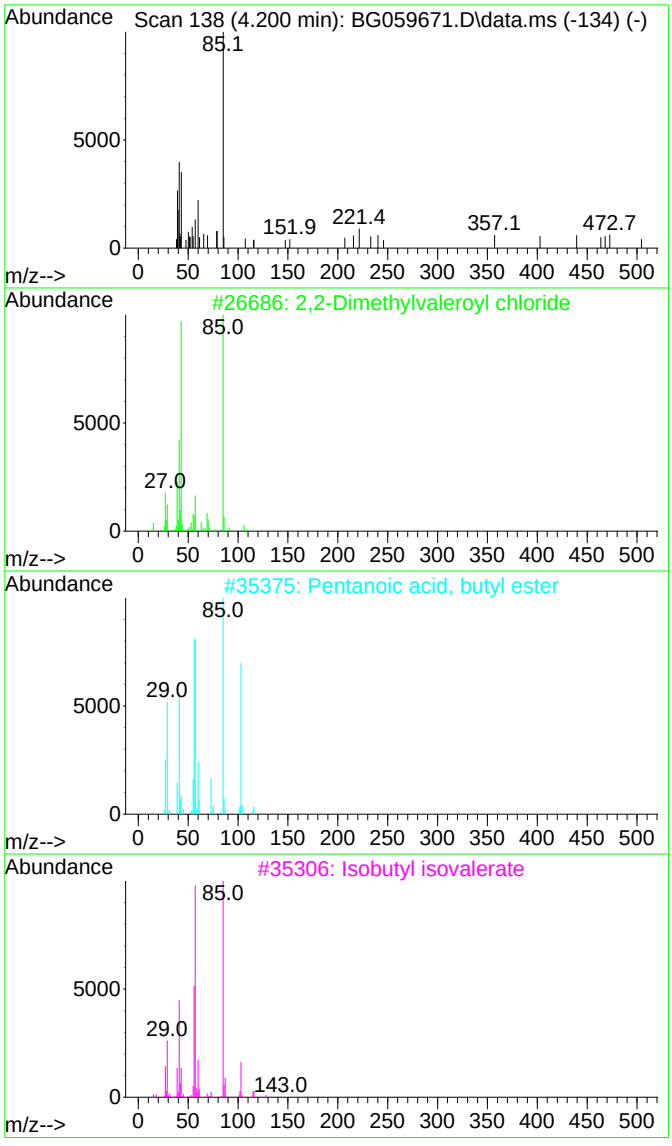
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

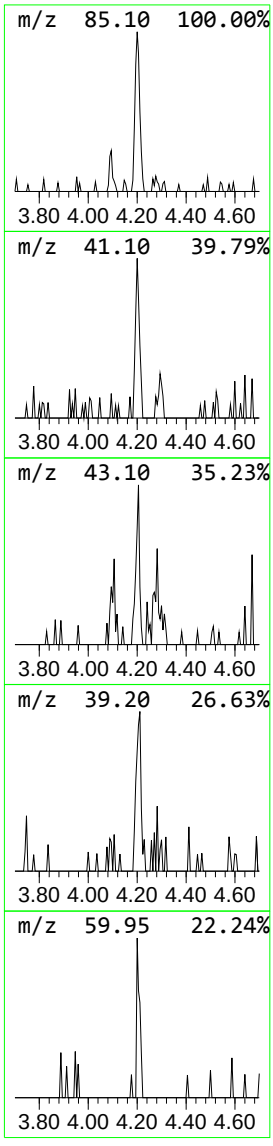
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.200	2.41 ng/ul	21230	1,4-Dichlorobenzene-d4	8.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	37
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	36
3	Isobutyl isovalerate	158	C9H18O2	000589-59-3	36
4	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	25
5	Butanethioic acid, 3-oxo-, S-but...	174	C8H14O2S	015780-63-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059671.D
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Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

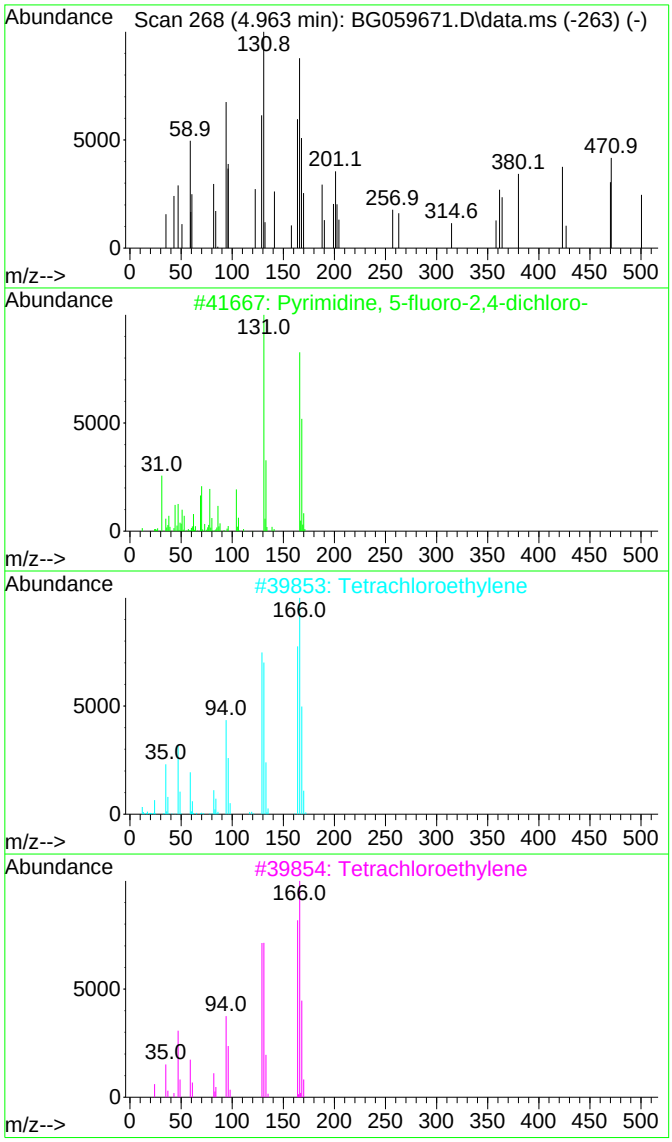
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

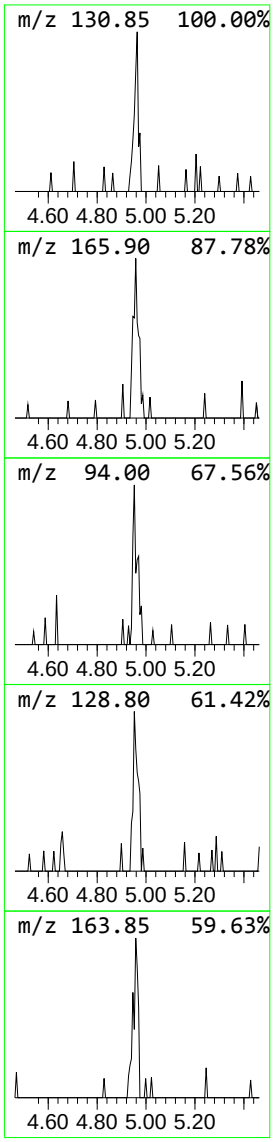
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	2.76 ng/ul	24263	1,4-Dichlorobenzene-d4	8.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	27
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	18
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	18
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	14
5	Tetrachloroethylene	164	C2Cl4	000127-18-4	14





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Sample : 04948-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG3

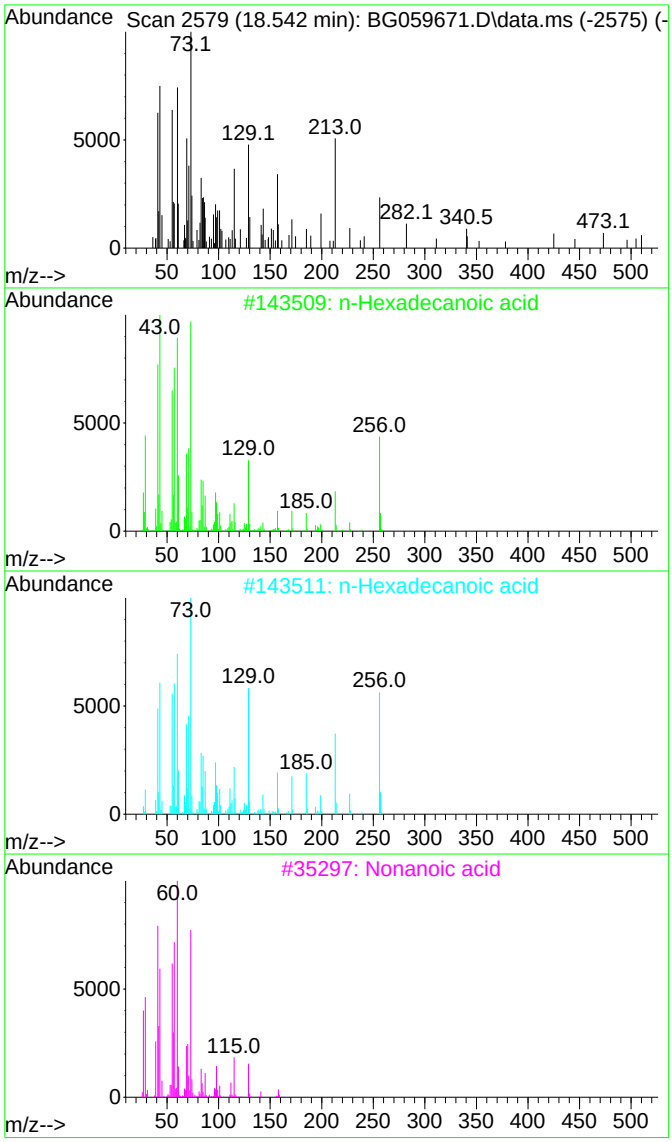
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

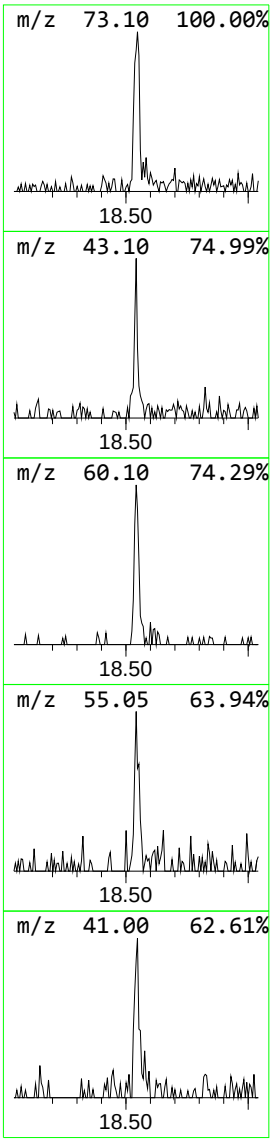
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.542	3.29 ng/ul	85558	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	Nonanoic acid	158	C9H18O2	000112-05-0	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.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
unknown-01	4.200	2.4	ng/ul	21230	1	8.348	175840	20.0
unknown-02	4.963	2.8	ng/ul	24263	1	8.348	175840	20.0
n-Hexadecanoic ...	18.542	3.3	ng/ul	85558	4	17.731	519694	20.0