LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049284.D
Acq On : 11 Jul 2021 4:00
Operator : CG/JU
Sample : M2910-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX0

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-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049284.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	8	13	22	rBV2	98082	190812	15.04%	1.580%
2	3.193	22	26	33	rVB	53913	73673	5.81%	0.610%
3	3.464	68	72	77	rVB2	6998	9611	0.76%	0.080%
4	3.658	102	105	109	rBV4	2414	3456	0.27%	0.029%
5	3.716	113	115	117	rBV2	1884	1831	0.14%	0.015%
6	3.893	142	145	154	rBV	28362	53763	4.24%	0.445%
7	4.081	175	177	179	rBV3	1798	1685	0.13%	0.014%
8	4.204	194	198	200	rBV3	2189	3278	0.26%	0.027%
9	4.498	243	248	251	rVB3	1879	3159	0.25%	0.026%
10	4.533	251	254	256	rBV	1536	1894	0.15%	0.016%
11	5.450	405	410	417	rBV	28094	42296	3.33%	0.350%
12	5.973	497	499	503	rVB3	1549	1755	0.14%	0.015%
13	6.102	516	521	526	rBV3	7168	11976	0.94%	0.099%
14	7.059	679	684	686	rBV3	2436	3303	0.26%	0.027%
15	7.224	706	712	721	rBV2	41174	72406	5.71%	0.600%
16	7.394	734	741	753	rVB	103856	191413	15.09%	1.585%
17	7.600	769	776	786	rBV	135946	241531	19.04%	2.000%
18	7.882	819	824	827	rBV	1164	1930	0.15%	0.016%
19	8.070	849	856	862	rBV	127221	216141	17.04%	1.790%
20	8.123	862	865	872	rVB2	9971	16604	1.31%	0.138%
21	8.311	892	897	899	rBV3	4067	6797	0.54%	0.056%
22	8.499	925	929	931	rVB	1295	1862	0.15%	0.015%
23	8.616	944	949	951	rBV4	2303	3560	0.28%	0.029%
24	8.775	965	976	988	rVB2	111599	202317	15.95%	1.675%
25	8.898	993	997	1003	rVB3	6056	10395	0.82%	0.086%
26	8.987	1010	1012	1018	rVB4	1813	2523	0.20%	0.021%
27	9.175	1040	1044	1048	rBV2	11328	16689	1.32%	0.138%
28	9.239	1048	1055	1063	rVB	166256	300219	23.66%	2.486%
29	9.398	1078	1082	1086	rBV3	1972	3586	0.28%	0.030%
30	9.968	1171	1179	1188	rVB	145994	270560	21.33%	2.241%
31	10.508	1263	1271	1280	rBV	212141	387764	30.57%	3.211%
32	10.655	1289	1296	1302	rBV3	8647	18433	1.45%	0.153%
33	10.790	1314	1319	1321	rBV2	2220	3633	0.29%	0.030%
34	10.890	1330	1336	1343	rBV	166860	298321	23.51%	2.470%
35	11.025	1350	1359	1368	rBV	177037	343339	27.06%	2.843%
36	11.472	1433	1435	1439	rBV3	1655	1862	0.15%	0.015%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AX0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

37	11.730	1477	1479	1482	rVB	1905	1724	0.14%	0.014%
38	12.059	1530	1535	1537	rBV3	1546	2028	0.16%	0.017%
39	12.171	1547	1554	1560	rBV5	7345	12858	1.01%	0.106%
40	12.477	1601	1606	1611	rVB4	3656	5369	0.42%	0.044%
41	12.694	1637	1643	1648	rVB	7566	11826	0.93%	0.098%
42	12.747	1648	1652	1654	rBV2	1390	1856	0.15%	0.015%
43	12.994	1690	1694	1696	rBV3	2347	2503	0.20%	0.021%
44	13.317	1743	1749	1754	rBV3	3229	6042	0.48%	0.050%
45	13.546	1783	1788	1794	rVB5	7369	15226	1.20%	0.126%
46	13.593	1794	1796	1799	rBV4	1730	2279	0.18%	0.019%
47	14.116	1877	1885	1893	rBV	434231	630458	49.70%	5.221%
48	14.351	1920	1925	1926	rBV4	2106	3095	0.24%	0.026%
49	14.410	1929	1935	1946	rVB	422263	679738	53.58%	5.629%
50	14.604	1964	1968	1972	rVB2	3622	4041	0.32%	0.033%
51	14.656	1972	1977	1979	rVV2	4463	6116	0.48%	0.051%
52	14.715	1981	1987	1995	rVV	270855	446723	35.21%	3.699%
53	14.786	1995	1999	2004	rVB3	7203	10455	0.82%	0.087%
54	14.862	2010	2012	2014	rBV2	1456	1710	0.13%	0.014%
55	14.909	2015	2020	2027	rVV2	35899	63214	4.98%	0.523%
56	15.074	2044	2048	2050	rBV2	1816	1917	0.15%	0.016%
57	15.297	2082	2086	2090	rBV5	4212	6392	0.50%	0.053%
58	15.338	2090	2093	2095	rBV3	1448	2052	0.16%	0.017%
59	15.385	2097	2101	2105	rBV2	7286	10009	0.79%	0.083%
60	15.503	2116	2121	2123	rBV3	2519	4220	0.33%	0.035%
61	15.550	2127	2129	2134	rVB4	3253	2873	0.23%	0.024%
62	15.708	2149	2156	2167	rVB	576924	885363	69.79%	7.332%
63	15.820	2169	2175	2185	rVV2	192414	290480	22.90%	2.406%
64	15.902	2187	2189	2192	rVB3	2983	3068	0.24%	0.025%
65	15.949	2192	2197	2201	rBV4	9251	13257	1.04%	0.110%
66	16.067	2213	2217	2221	rVB6	4180	6057	0.48%	0.050%
67	16.284	2250	2254	2257	rBV3	1752	2132	0.17%	0.018%
68	16.349	2261	2265	2267	rBV	2904	2721	0.21%	0.023%
69	16.390	2269	2272	2274	rVB3	1909	2452	0.19%	0.020%
70	16.495	2286	2290	2293	rVB3	5553	6261	0.49%	0.052%
71	16.695	2318	2324	2329	rBV4	5335	10011	0.79%	0.083%
72	16.848	2341	2350	2355	rBV5	8624	15829	1.25%	0.131%
73	17.054	2382	2385	2388	rBV4	2671	3397	0.27%	0.028%
74	17.154	2401	2402	2406	rVB4	2468	2679	0.21%	0.022%
75	17.189	2406	2408	2409	rBV	3658	2451	0.19%	0.020%
76	17.206	2409	2411	2414	rVB3	5199	4906	0.39%	0.041%

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Instrument : BNA_G
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77	17.406	2443	2445	2447	rBV2	2807	2306	0.18%	0.019%
78	17.465	2449	2455	2463	rVV	358927	562067	44.30%	4.655%
79	17.565	2463	2472	2484	rVB	732880	1100190	86.72%	9.111%
80	17.741	2499	2502	2509	rVB7	4753	7263	0.57%	0.060%
81	17.835	2515	2518	2521	rBV5	2369	3956	0.31%	0.033%
82	18.129	2562	2568	2573	rBV2	164849	224541	17.70%	1.859%
83	18.229	2584	2585	2586	rBV	2528	1750	0.14%	0.014%
84	18.246	2586	2588	2593	rVB3	5167	6504	0.51%	0.054%
85	18.346	2600	2605	2614	rBV2	60095	90011	7.10%	0.745%
86	18.452	2621	2623	2626	rVB3	4421	3755	0.30%	0.031%
87	18.499	2629	2631	2633	rBV3	2245	2465	0.19%	0.020%
88	18.840	2685	2689	2690	rBV4	3882	4458	0.35%	0.037%
89	18.940	2704	2706	2709	rBV4	2321	2556	0.20%	0.021%
90	19.157	2739	2743	2746	rBV6	2581	3092	0.24%	0.026%
91	19.198	2746	2750	2752	rBV4	9284	10779	0.85%	0.089%
92	19.457	2792	2794	2796	rBV3	3523	4220	0.33%	0.035%
93	19.486	2796	2799	2804	rVB2	10627	16167	1.27%	0.134%
94	19.609	2817	2820	2825	rBV3	33963	46632	3.68%	0.386%
95	19.739	2838	2842	2847	rBV4	8859	15316	1.21%	0.127%
96	19.850	2855	2861	2873	rVB	866313	1268650	100.00%	10.506%
97	21.372	3117	3120	3128	rVB3	43217	64353	5.07%	0.533%
98	21.748	3178	3184	3193	rBV2	346479	595382	46.93%	4.931%
99	24.821	3696	3707	3719	rVB	418719	1221653	96.30%	10.117%
100	25.044	3736	3745	3758	rVB2	204720	617114	48.64%	5.111%

Sum of corrected areas: 12075345

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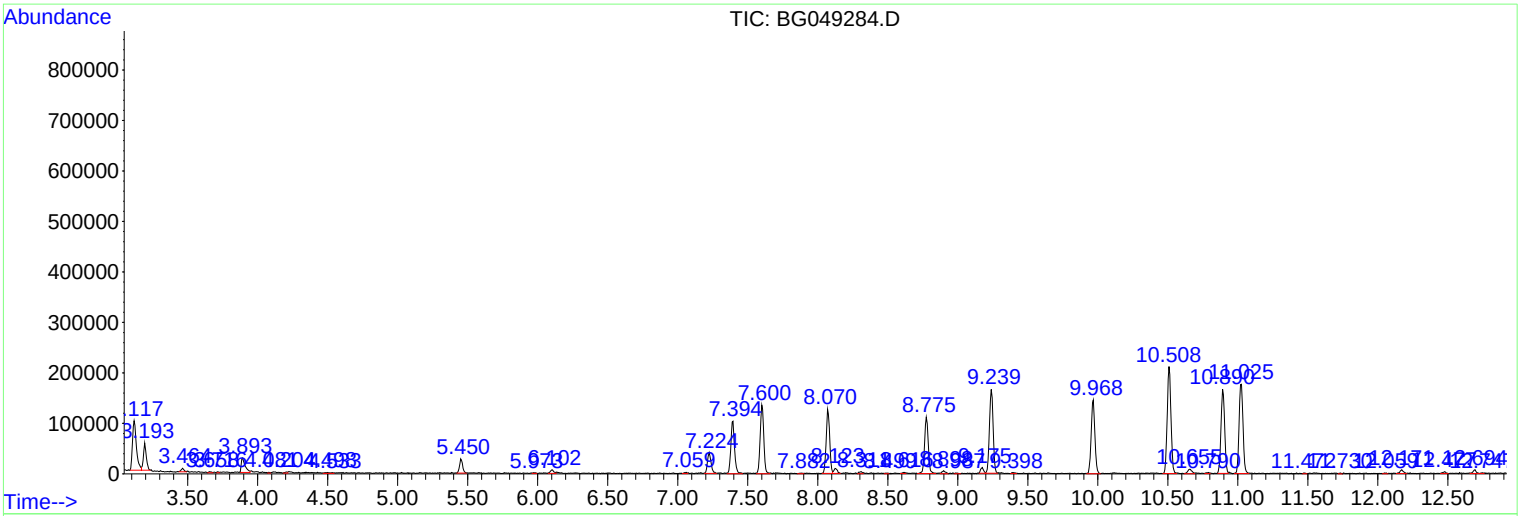
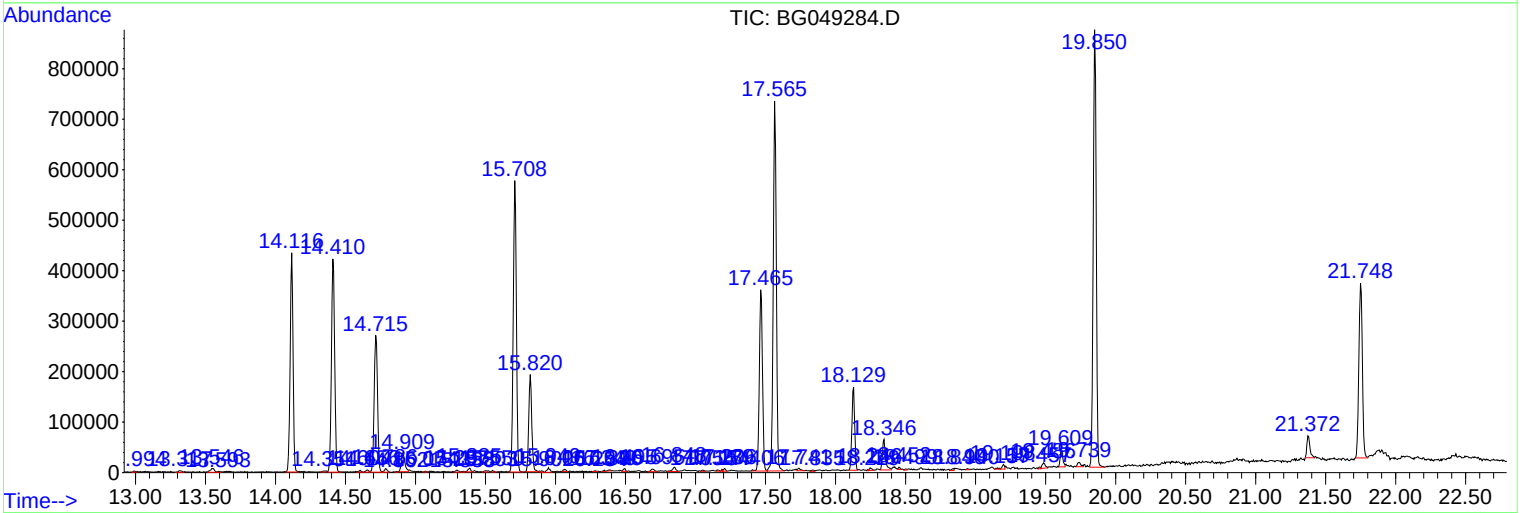
ALS Vial : 55 Sample Multiplier: 1

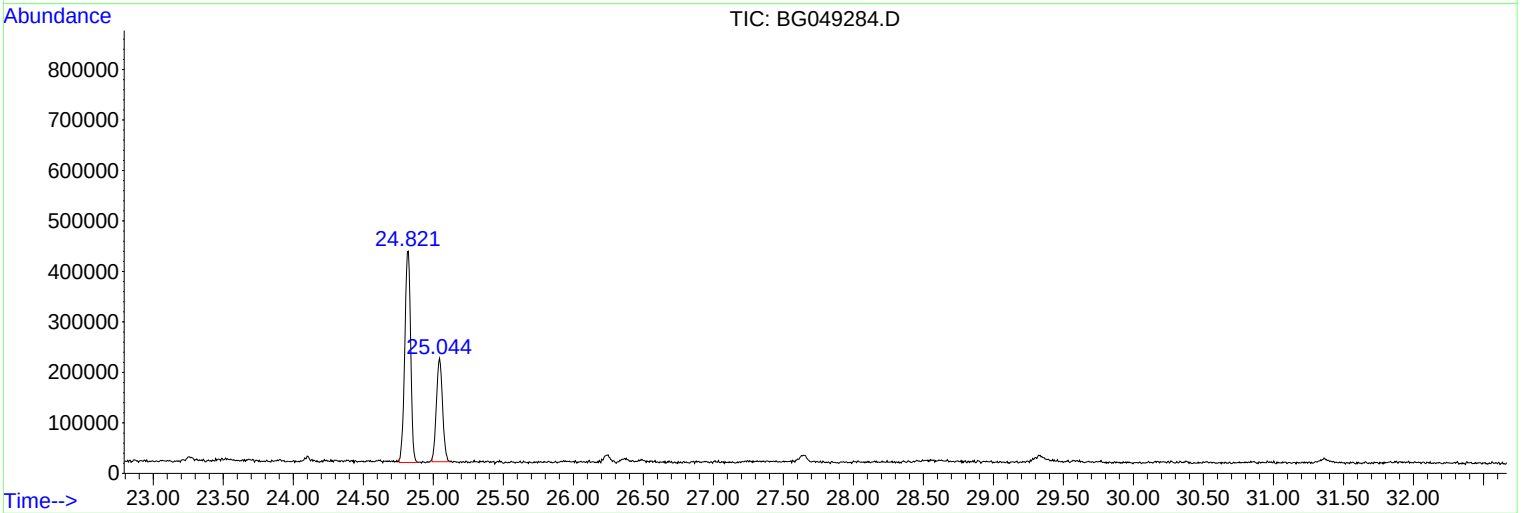
Instrument :
BNA_G
ClientSampleId :
C0AX0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Instrument : BNA_G
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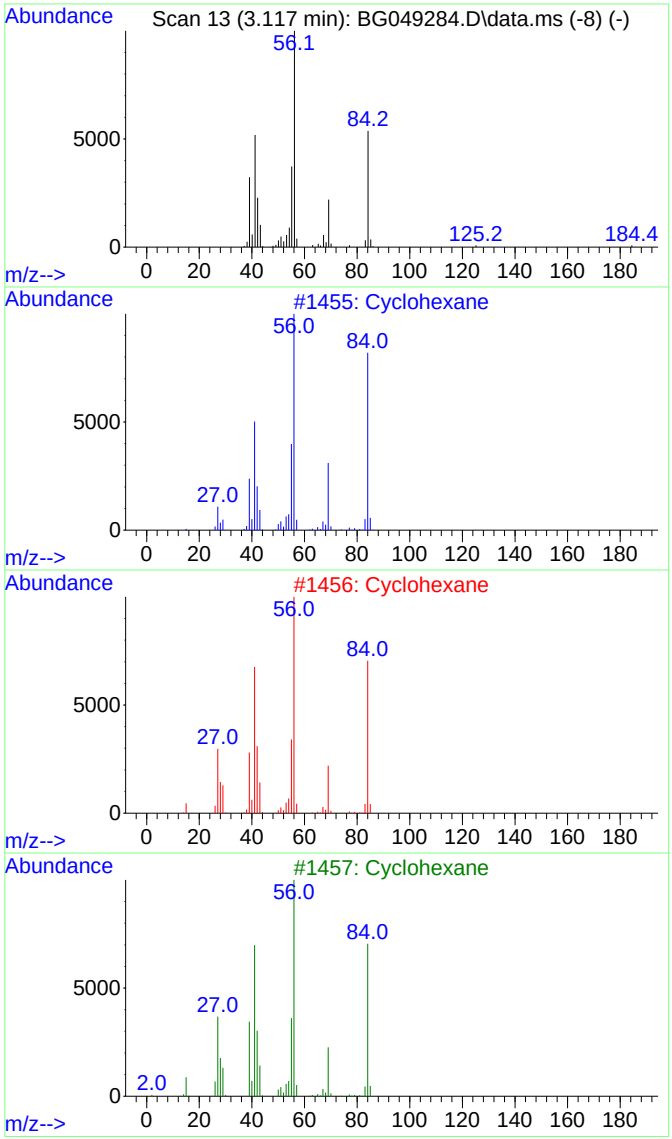
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

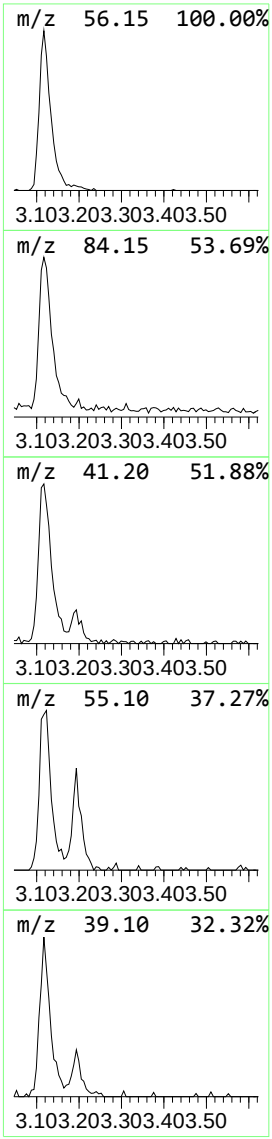
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	17.66 ng/ul	190812	1,4-Dichlorobenzene-d4	8.070

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	90
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5	Cyclohexane	84	C6H12	000110-82-7	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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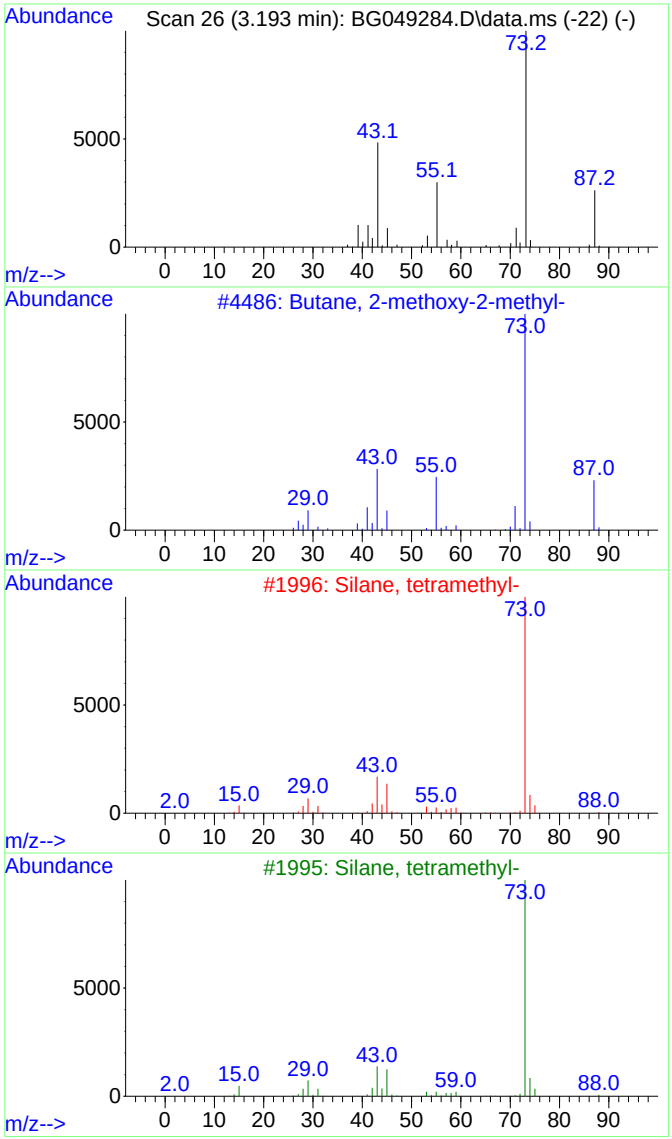
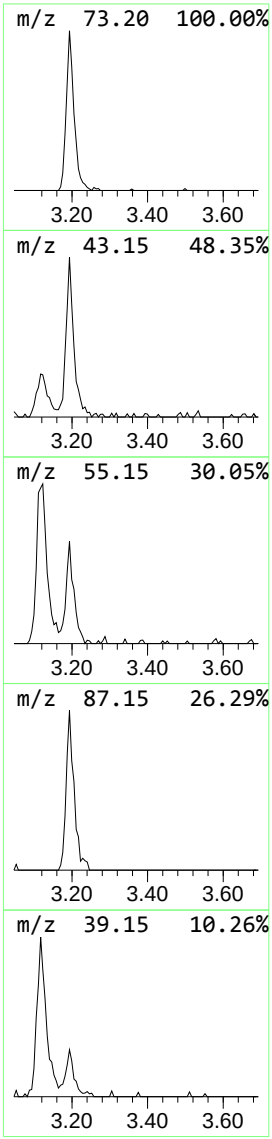
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	6.82 ng/ul	73673	1,4-Dichlorobenzene-d4	8.070

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





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Quant Title : SVOA CALIBRATION

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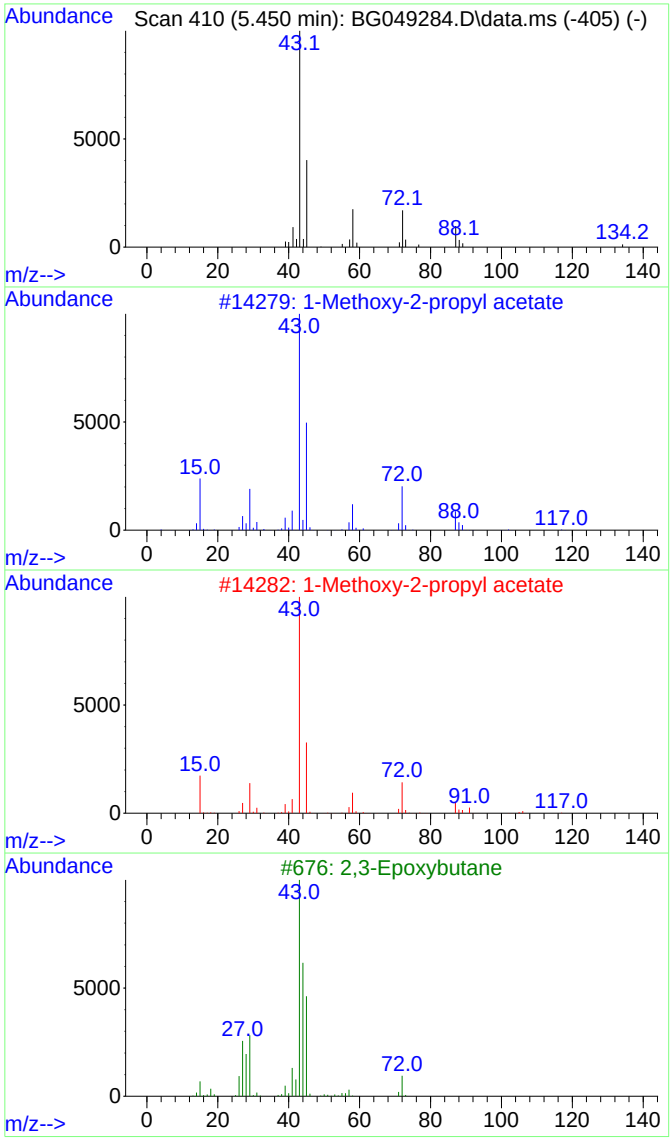
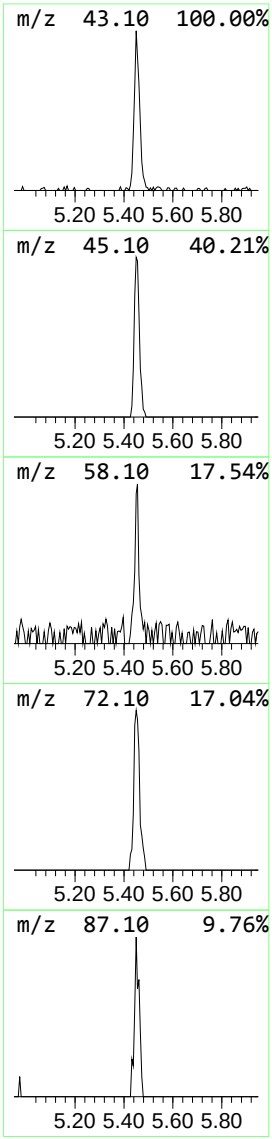
Peak Number 3 1-Methoxy-2-propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.450	3.91 ng/ul	42296	1,4-Dichlorobenzene-d4	8.070

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	83
2	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	83
3	2,3-Epoxybutane	72	C4H8O	003266-23-7	33
4	2-Butanone	72	C4H8O	000078-93-3	9
5	2-Butanone	72	C4H8O	000078-93-3	9





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Quant Title : SVOA CALIBRATION

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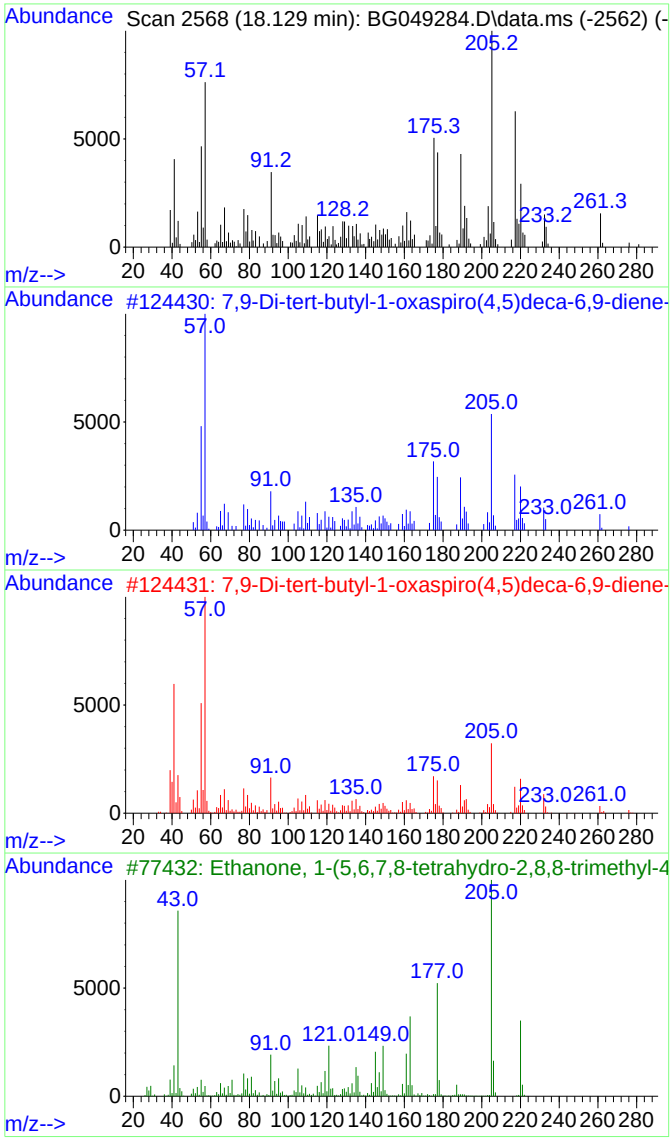
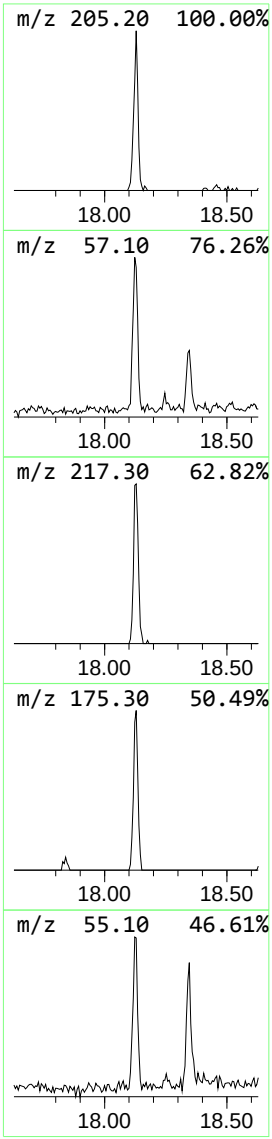
****
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	7.99 ng/ul	224541	Phenanthrene-d10	17.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30
5	Xylazine	220	C12H16N2S	007361-61-7	27





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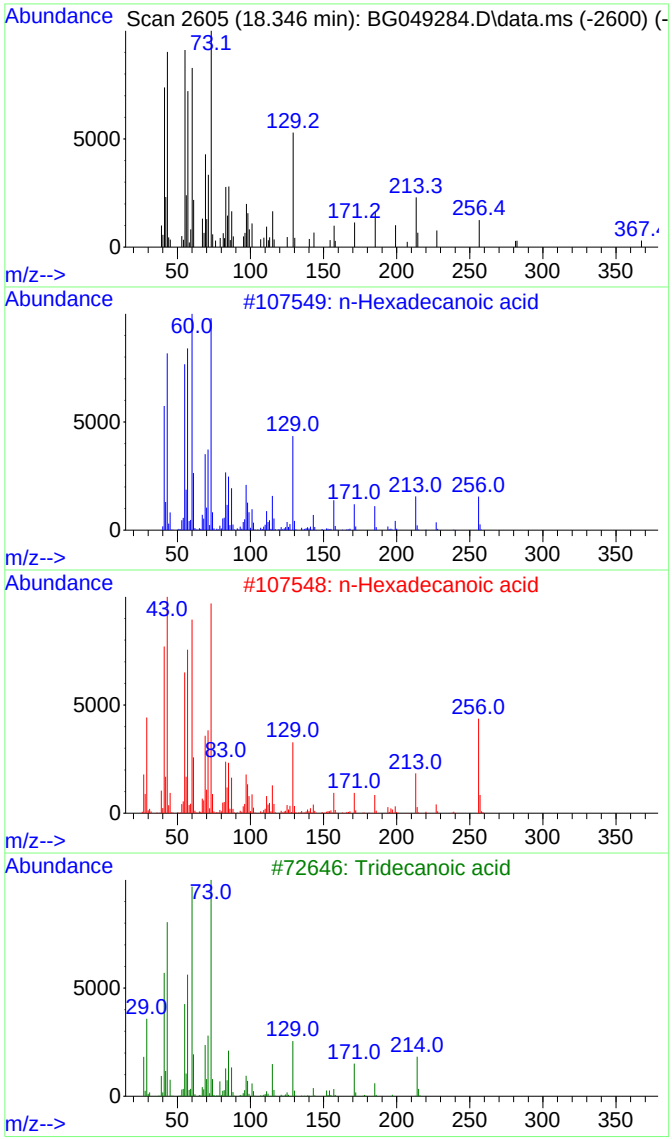
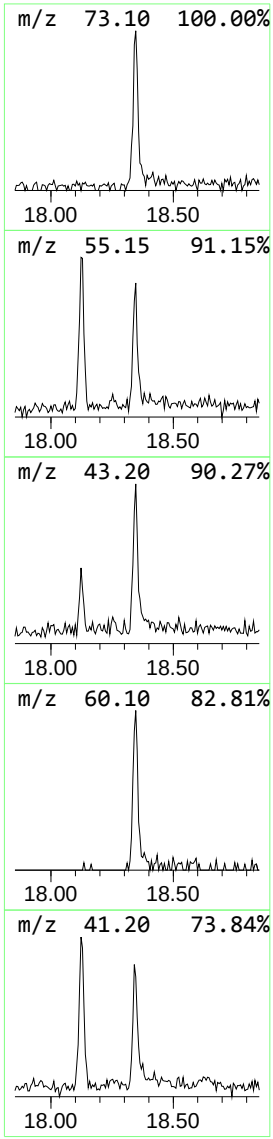
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.350	3.20 ng/ul	90011	Phenanthrene-d10	17.465

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049284.D
Acq On : 11 Jul 2021 4:00
Operator : CG/JU
Sample : M2910-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX0

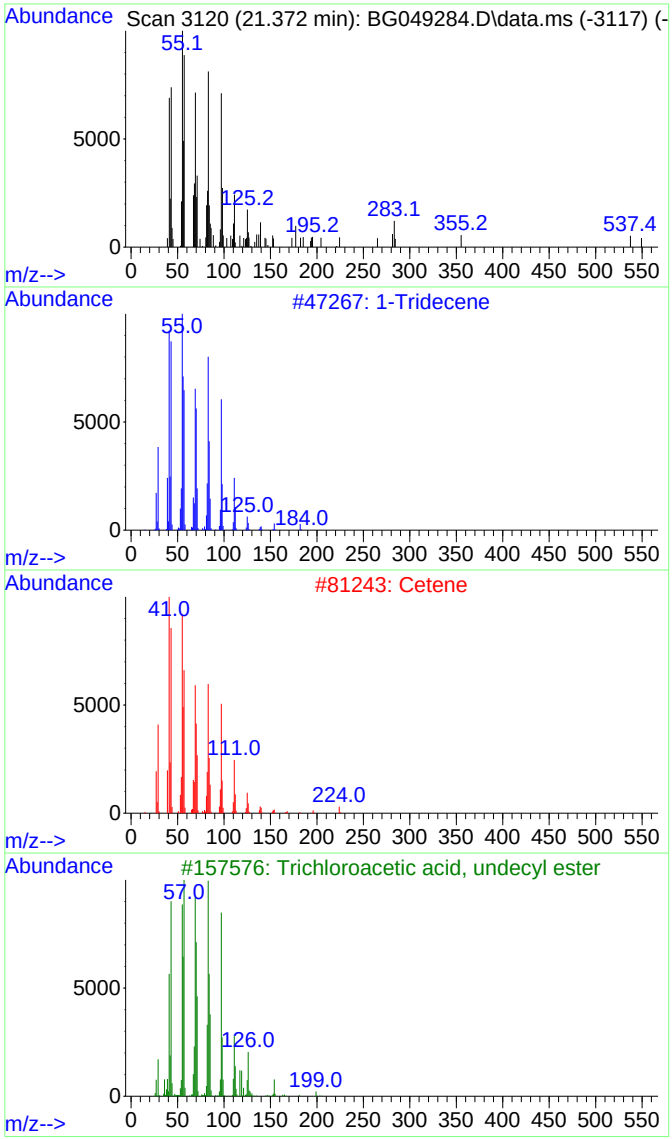
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

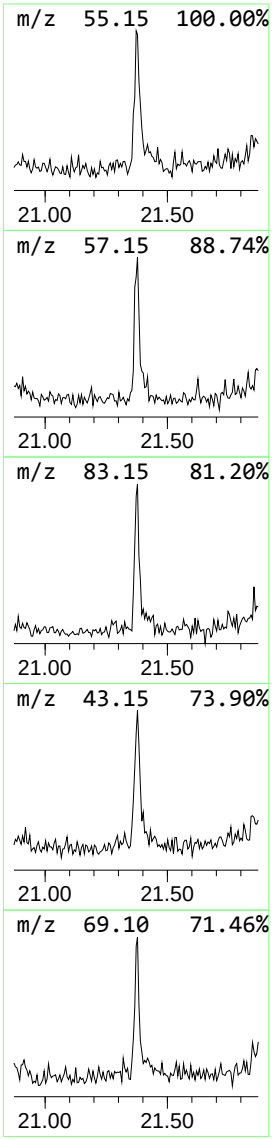
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	2.16 ng/ul	64353	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	83
2	Cetene	224	C16H32	000629-73-2	74
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	72
4	Cyclohexadecane	224	C16H32	000295-65-8	64
5	Cyclotridecane	182	C13H26	000295-02-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049284.D
Acq On : 11 Jul 2021 4:00
Operator : CG/JU
Sample : M2910-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	17.7	ng/ul	190812	1	8.070	216141	20.0
unknown-01	3.190	6.8	ng/ul	73673	1	8.070	216141	20.0
1-Methoxy-2-pro...	5.450	3.9	ng/ul	42296	1	8.070	216141	20.0
7,9-Di-tert-but...	18.130	8.0	ng/ul	224541	4	17.465	562067	20.0
n-Hexadecanoic ...	18.350	3.2	ng/ul	90011	4	17.465	562067	20.0
(DEL) Alkane: S...	21.370	2.2	ng/ul	64353	5	21.748	595382	20.0