LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049320.D
Acq On : 13 Jul 2021 19:03
Operator : CG/JU
Sample : M2970-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEB0

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: BG049320.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	6	12	21	rBV	109160	255288	22.10%	2.433%
2	3.186	21	25	34	rVB	60554	104595	9.06%	0.997%
3	3.462	69	72	76	rVB5	5742	8043	0.70%	0.077%
4	4.208	197	199	207	rVB5	4160	8218	0.71%	0.078%
5	4.584	261	263	267	rVB5	2800	3088	0.27%	0.029%
6	4.731	286	288	292	rVB4	1512	1783	0.15%	0.017%
7	5.119	352	354	358	rVB2	1609	2160	0.19%	0.021%
8	5.401	398	402	404	rBV3	1010	1542	0.13%	0.015%
9	5.454	407	411	414	rVB4	3197	4282	0.37%	0.041%
10	5.965	495	498	501	rVB3	2525	2375	0.21%	0.023%
11	6.312	555	557	560	rVB2	1587	1745	0.15%	0.017%
12	6.717	624	626	629	rBV2	1761	1807	0.16%	0.017%
13	7.217	705	711	718	rBV2	32901	60709	5.26%	0.579%
14	7.387	733	740	747	rVB	89313	156823	13.58%	1.495%
15	7.598	769	776	784	rBV2	113900	209389	18.13%	1.996%
16	8.063	848	855	862	rBV	109007	190214	16.47%	1.813%
17	8.116	862	864	868	rVB2	2871	3218	0.28%	0.031%
18	8.556	935	939	940	rBV	1866	1525	0.13%	0.015%
19	8.580	940	943	946	rVV3	1631	1794	0.16%	0.017%
20	8.768	967	975	985	rVB	91282	163254	14.13%	1.556%
21	8.897	996	997	1001	rVB2	2103	1566	0.14%	0.015%
22	9.167	1039	1043	1047	rBV2	4022	5656	0.49%	0.054%
23	9.232	1047	1054	1062	rVV	145399	259309	22.45%	2.472%
24	9.390	1076	1081	1083	rBV3	2953	2912	0.25%	0.028%
25	9.567	1108	1111	1114	rVB	1241	1572	0.14%	0.015%
26	9.960	1171	1178	1187	rBV2	136315	243427	21.07%	2.320%
27	10.195	1214	1218	1220	rBV2	2151	2295	0.20%	0.022%
28	10.260	1226	1229	1234	rBV2	1090	1544	0.13%	0.015%
29	10.501	1263	1270	1283	rBV	173222	325075	28.14%	3.099%
30	10.783	1316	1318	1321	rBV	1364	1558	0.13%	0.015%
31	10.883	1327	1335	1343	rVB	145188	268633	23.26%	2.561%
32	11.030	1354	1360	1361	rBV	2377	3463	0.30%	0.033%
33	11.676	1465	1470	1477	rBV4	3347	7565	0.65%	0.072%
34	12.158	1550	1552	1558	rBV4	1913	2774	0.24%	0.026%
35	12.269	1567	1571	1574	rVB	1502	1811	0.16%	0.017%
36	12.469	1599	1605	1611	rVB4	2719	5274	0.46%	0.050%

LSC Area Percent Report

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Sample : M2970-09
Misc :
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Instrument : BNA_G
ClientSampleId : BGEB0

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

37	13.022	1696	1699	1704	rBV4	2206	3496	0.30%	0.033%
38	13.069	1704	1707	1709	rBV3	2947	3256	0.28%	0.031%
39	13.210	1727	1731	1735	rBV2	929	1795	0.16%	0.017%
40	13.315	1744	1749	1754	rBV4	3504	6859	0.59%	0.065%
41	13.550	1786	1789	1793	rVB	1656	2011	0.17%	0.019%
42	13.633	1793	1803	1807	rBV2	6297	11789	1.02%	0.112%
43	13.897	1842	1848	1854	rBV3	4263	6731	0.58%	0.064%
44	14.108	1877	1884	1890	rBV	397428	575322	49.81%	5.484%
45	14.249	1904	1908	1909	rBV	1552	1768	0.15%	0.017%
46	14.297	1914	1916	1919	rVB	1259	1554	0.13%	0.015%
47	14.402	1928	1934	1941	rVB	384597	607340	52.58%	5.789%
48	14.485	1944	1948	1951	rBV2	2499	2968	0.26%	0.028%
49	14.708	1980	1986	1994	rVB	244605	401304	34.74%	3.825%
50	14.784	1996	1999	2004	rVB3	2652	3085	0.27%	0.029%
51	14.908	2014	2020	2032	rBV3	32835	64606	5.59%	0.616%
52	15.289	2084	2085	2088	rVB2	2024	1608	0.14%	0.015%
53	15.378	2097	2100	2105	rVB3	4397	5042	0.44%	0.048%
54	15.454	2111	2113	2116	rVB2	1675	1560	0.14%	0.015%
55	15.507	2116	2122	2128	rBV5	5657	11878	1.03%	0.113%
56	15.701	2145	2155	2163	rBV	509041	802553	69.48%	7.650%
57	15.812	2168	2174	2185	rBV	169698	269250	23.31%	2.567%
58	15.889	2185	2187	2193	rVV5	5011	9930	0.86%	0.095%
59	15.948	2193	2197	2201	rVB4	6660	9595	0.83%	0.091%
60	16.059	2211	2216	2223	rBV3	9143	12617	1.09%	0.120%
61	16.271	2248	2252	2254	rVB	1610	1720	0.15%	0.016%
62	16.312	2254	2259	2263	rBV3	2630	4459	0.39%	0.043%
63	16.459	2281	2284	2286	rBV	2250	2736	0.24%	0.026%
64	16.629	2308	2313	2314	rBV	1742	1789	0.15%	0.017%
65	16.747	2332	2333	2339	rVB2	1537	2071	0.18%	0.020%
66	16.952	2366	2368	2371	rVB2	1776	1851	0.16%	0.018%
67	17.040	2381	2383	2386	rBV2	2933	3584	0.31%	0.034%
68	17.199	2407	2410	2414	rVB2	2366	3420	0.30%	0.033%
69	17.240	2414	2417	2424	rVB2	2025	3796	0.33%	0.036%
70	17.411	2441	2446	2448	rBV4	2053	3091	0.27%	0.029%
71	17.458	2448	2454	2461	rVV	324129	513076	44.42%	4.891%
72	17.557	2465	2471	2482	rVB2	614680	965331	83.57%	9.202%
73	17.734	2498	2501	2505	rVB	3904	4156	0.36%	0.040%
74	17.828	2512	2517	2520	rBV3	1709	2673	0.23%	0.025%
75	17.875	2523	2525	2529	rVB4	1619	2286	0.20%	0.022%
76	17.933	2529	2535	2538	rBV	1654	3038	0.26%	0.029%

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Instrument : BNA_G
ClientSampleId : BGEB0

Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	18.121	2561	2567	2572	rBV3	79413	109082	9.44%	1.040%
78	18.157	2572	2573	2579	rVB4	5108	6421	0.56%	0.061%
79	18.292	2593	2596	2600	rBV2	2068	2507	0.22%	0.024%
80	18.327	2600	2602	2605	rBV2	1426	1841	0.16%	0.018%
81	18.415	2613	2617	2620	rBV2	7039	9289	0.80%	0.089%
82	18.445	2620	2622	2627	rVB5	4866	6511	0.56%	0.062%
83	18.774	2672	2678	2686	rBV	148645	209167	18.11%	1.994%
84	18.885	2695	2697	2700	rVB2	2260	1502	0.13%	0.014%
85	18.932	2700	2705	2709	rVB4	7783	10884	0.94%	0.104%
86	18.973	2709	2712	2713	rBV2	1662	1777	0.15%	0.017%
87	19.255	2758	2760	2763	rVB3	2763	2252	0.19%	0.021%
88	19.379	2779	2781	2784	rBV3	1791	1978	0.17%	0.019%
89	19.420	2786	2788	2791	rVB2	1648	1553	0.13%	0.015%
90	19.479	2794	2798	2803	rVV2	9163	14593	1.26%	0.139%
91	19.737	2835	2842	2846	rBV2	7145	13969	1.21%	0.133%
92	19.843	2854	2860	2868	rBV	783486	1155088	100.00%	11.011%
93	19.990	2881	2885	2889	rVB5	2188	3257	0.28%	0.031%
94	20.131	2907	2909	2912	rBV3	2456	2744	0.24%	0.026%
95	20.566	2981	2983	2984	rBV2	3212	1663	0.14%	0.016%
96	20.818	3022	3026	3030	rVB	33654	39526	3.42%	0.377%
97	21.741	3177	3183	3191	rVB	337957	561814	48.64%	5.355%
98	24.808	3694	3705	3716	rBV3	383424	1097574	95.02%	10.462%
99	25.031	3734	3743	3754	rVB	198487	578045	50.04%	5.510%
100	26.153	3932	3934	3935	rBV2	5728	4400	0.38%	0.042%

Sum of corrected areas: 10490717

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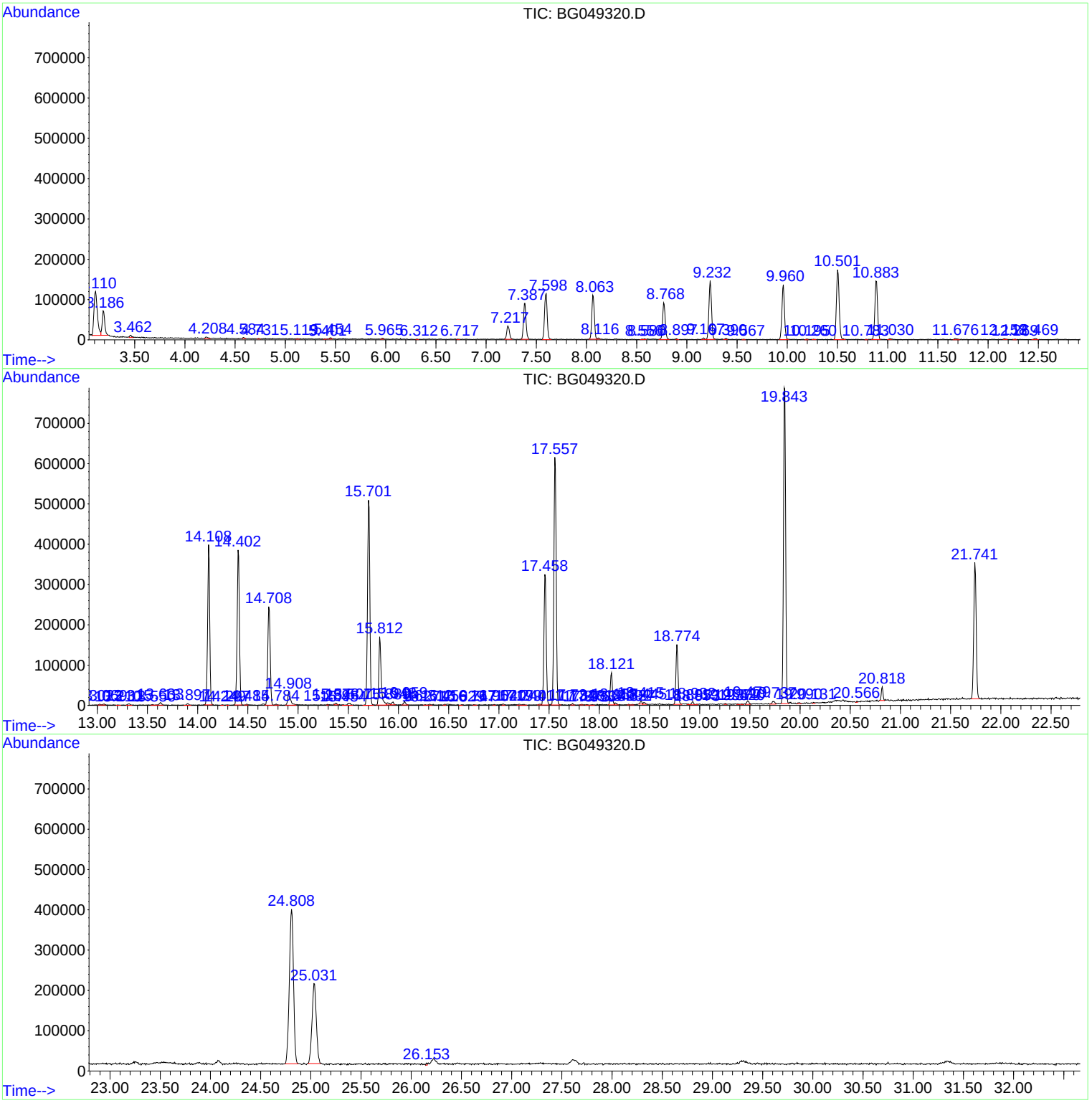
Instrument :
BNA_G
ClientSampleId :
BGEB0

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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TIC Library : C:\DATABASE\NIST11.L
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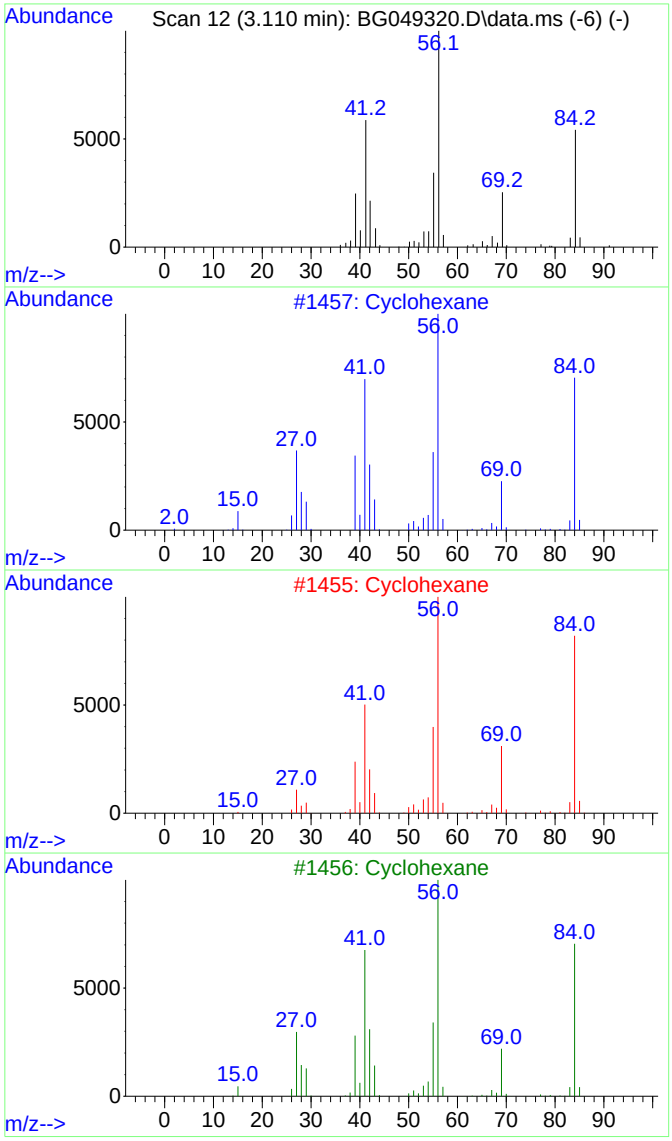
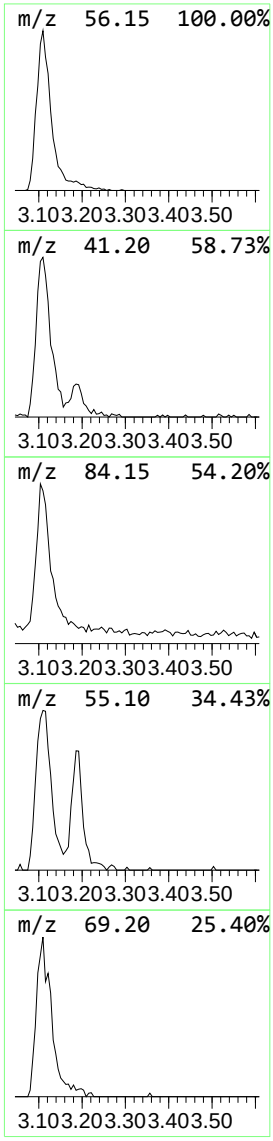
****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	26.84 ng/ul	255288	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





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Instrument : BNA_G
ClientSampleId : BGEB0

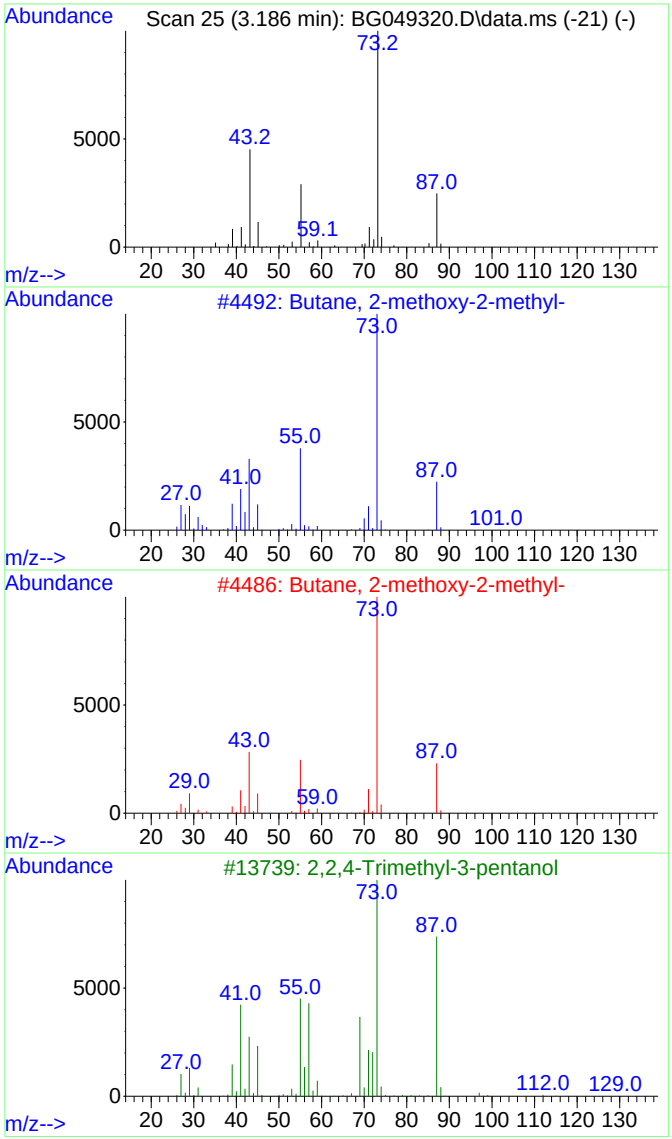
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

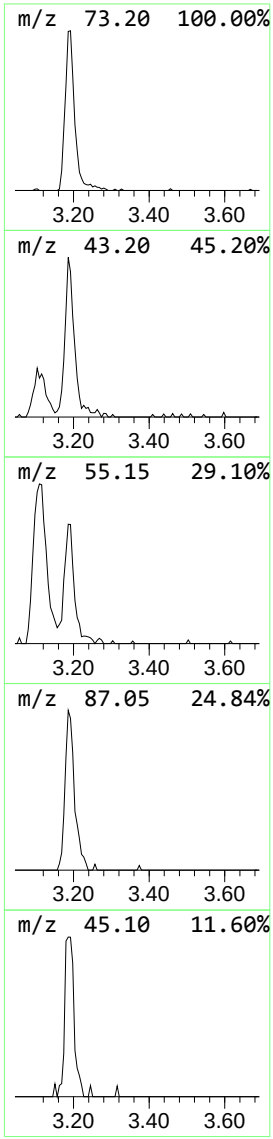
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	11.00 ng/ul	104595	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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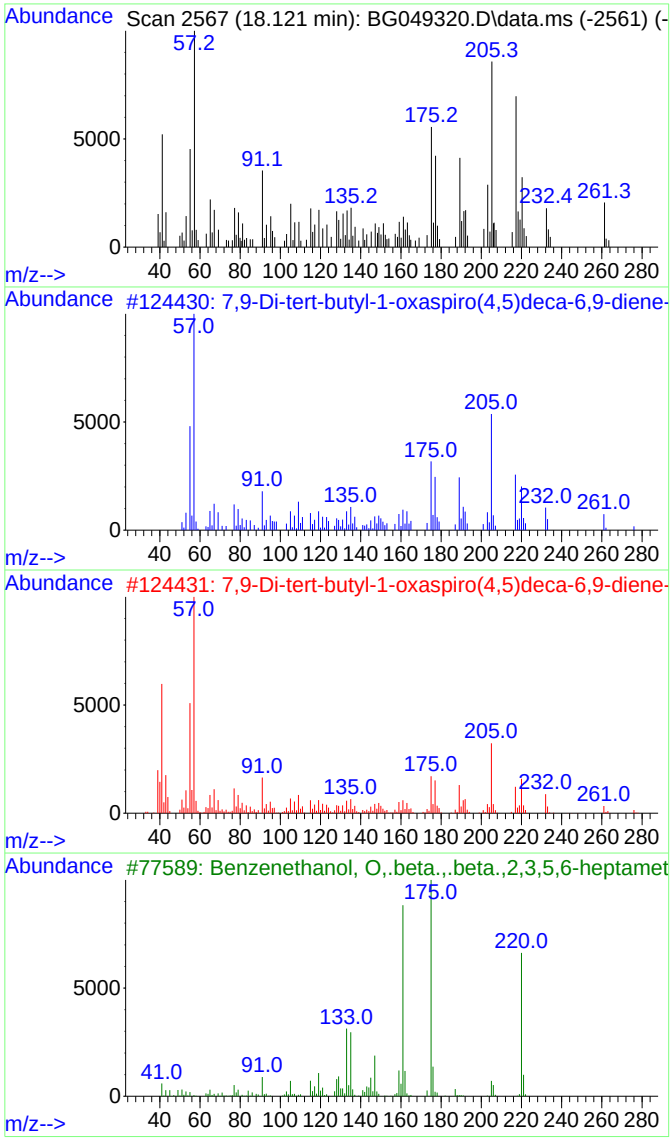
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

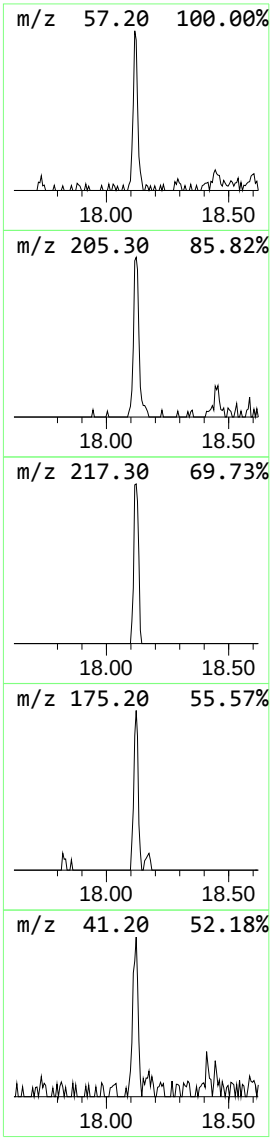
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	4.25 ng/ul	109082	Phenanthrene-d10	17.458

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	52
3	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44
4	Tricyclo[5.2.2.0(1,6)]undecan-3-...	220	C15H24O	1000159-37-6	42
5	Benzene, 1,1'-(1-methyl-2-butyny...	220	C17H16	054372-84-8	38





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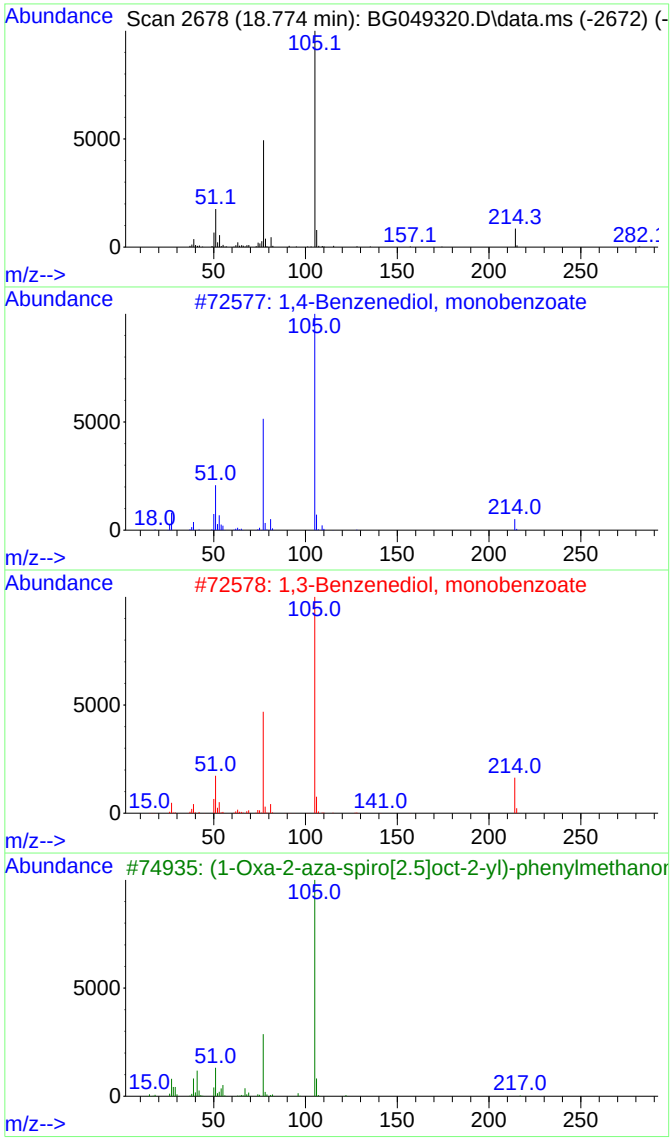
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

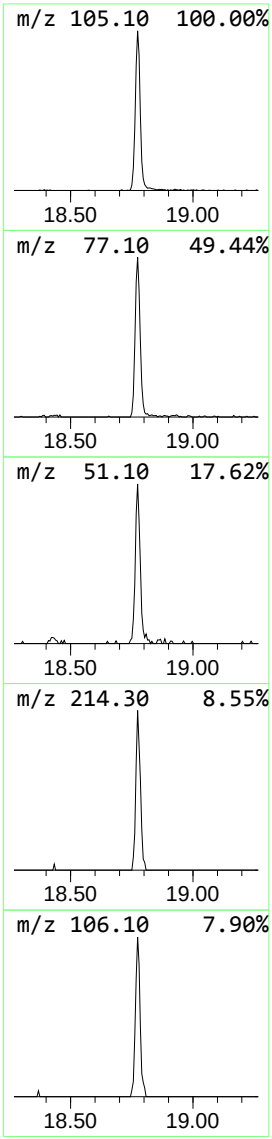
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Benzenediol, monobenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.770	8.15 ng/ul	209167	Phenanthrene-d10	17.458

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	(1-Oxa-2-aza-spiro[2.5]oct-2-yl)...	217	C13H15NO2	002289-83-0	72
4	Benz[b]1,4-oxazin-3(2H)-one, 4-b...	253	C15H11NO3	337470-63-0	64
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	64





Tentatively Identified Compound (LSC) summary

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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...	3.110	26.8	ng/ul	255288	1	8.069	190214	20.0
Butane, 2-metho...	3.190	11.0	ng/ul	104595	1	8.069	190214	20.0
7,9-Di-tert-but...	18.120	4.3	ng/ul	109082	4	17.458	513076	20.0
1,4-Benzenediol...	18.770	8.2	ng/ul	209167	4	17.458	513076	20.0