LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049322.D
Acq On : 13 Jul 2021 20:26
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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: BG049322.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	5	12	21	rBV2	102532	239506	24.30%	2.466%
2	3.186	21	25	36	rVB	84747	140448	14.25%	1.446%
3	3.450	68	70	74	rVB3	4694	6118	0.62%	0.063%
4	3.674	106	108	109	rBV2	2324	1885	0.19%	0.019%
5	3.791	126	128	130	rBV2	2384	1776	0.18%	0.018%
6	3.891	142	145	153	rBV3	12277	24069	2.44%	0.248%
7	4.220	197	201	203	rBV5	2216	2825	0.29%	0.029%
8	4.584	259	263	265	rBV3	4639	5479	0.56%	0.056%
9	4.725	283	287	288	rBV2	1937	1690	0.17%	0.017%
10	5.442	405	409	415	rBV	20476	31623	3.21%	0.326%
11	5.595	432	435	437	rBV4	1921	2160	0.22%	0.022%
12	6.100	514	521	532	rVB5	8734	19490	1.98%	0.201%
13	6.412	572	574	577	rBV2	1305	1571	0.16%	0.016%
14	6.999	671	674	677	rBV2	1113	1839	0.19%	0.019%
15	7.058	680	684	690	rVB4	2693	5660	0.57%	0.058%
16	7.140	696	698	701	rBV2	2152	2765	0.28%	0.028%
17	7.216	703	711	719	rVB4	33471	71138	7.22%	0.733%
18	7.381	732	739	748	rVB	80616	141376	14.35%	1.456%
19	7.593	766	775	783	rBV	96090	172152	17.47%	1.773%
20	7.845	816	818	822	rVB4	1450	1605	0.16%	0.017%
21	7.998	841	844	848	rBV2	1191	1602	0.16%	0.016%
22	8.068	848	856	861	rBV	106889	189939	19.27%	1.956%
23	8.121	861	865	870	rVB3	7548	12675	1.29%	0.131%
24	8.286	891	893	894	rBV2	1982	1533	0.16%	0.016%
25	8.303	894	896	898	rVB3	2850	1830	0.19%	0.019%
26	8.574	939	942	944	rBV2	1857	1867	0.19%	0.019%
27	8.615	947	949	953	rVB3	1569	1839	0.19%	0.019%
28	8.656	953	956	958	rBV2	2875	3287	0.33%	0.034%
29	8.774	966	976	986	rBV2	82418	153280	15.55%	1.578%
30	8.891	992	996	1001	rVB4	5960	8241	0.84%	0.085%
31	9.003	1009	1015	1018	rVB3	1141	1854	0.19%	0.019%
32	9.161	1037	1042	1047	rBV2	15637	26539	2.69%	0.273%
33	9.232	1047	1054	1065	rVB	128159	234138	23.76%	2.411%
34	9.385	1077	1080	1084	rBV4	4128	5023	0.51%	0.052%
35	9.637	1119	1123	1130	rVB3	7813	13174	1.34%	0.136%
36	9.954	1171	1177	1186	rVB2	105374	202244	20.52%	2.083%

LSC Area Percent Report

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Sample : M2996-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0AW8

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	10.119	1200	1205	1207	rBV6	3357	4158	0.42%	0.043%
38	10.189	1214	1217	1222	rBV5	2398	3467	0.35%	0.036%
39	10.501	1263	1270	1279	rVV	155689	288039	29.23%	2.966%
40	10.571	1279	1282	1283	rVB2	2006	1492	0.15%	0.015%
41	10.789	1313	1319	1326	rVB4	4208	7689	0.78%	0.079%
42	10.883	1329	1335	1342	rVV	147122	263996	26.79%	2.718%
43	11.018	1351	1358	1366	rBV	102984	194576	19.74%	2.004%
44	11.088	1369	1370	1375	rVB2	1225	1701	0.17%	0.018%
45	11.171	1381	1384	1389	rVB	1616	2355	0.24%	0.024%
46	11.670	1465	1469	1473	rBV4	7143	11839	1.20%	0.122%
47	12.140	1541	1549	1554	rBV3	10257	16738	1.70%	0.172%
48	12.469	1599	1605	1606	rBV2	2423	3169	0.32%	0.033%
49	12.681	1636	1641	1647	rBV	9105	13231	1.34%	0.136%
50	12.986	1688	1693	1700	rBV5	2093	4345	0.44%	0.045%
51	13.162	1720	1723	1727	rVB3	1717	2215	0.22%	0.023%
52	13.309	1742	1748	1752	rBV3	4378	6577	0.67%	0.068%
53	13.550	1782	1789	1794	rBV2	5367	9613	0.98%	0.099%
54	13.621	1794	1801	1809	rVV	34063	56509	5.73%	0.582%
55	14.038	1868	1872	1873	rBV2	1273	1521	0.15%	0.016%
56	14.108	1877	1884	1890	rBV	342354	500331	50.77%	5.152%
57	14.244	1903	1907	1911	rBV	1078	1543	0.16%	0.016%
58	14.402	1928	1934	1944	rVB	328967	525055	53.28%	5.407%
59	14.573	1958	1963	1965	rBV2	2014	2742	0.28%	0.028%
60	14.643	1972	1975	1980	rBV4	2928	4571	0.46%	0.047%
61	14.708	1980	1986	1994	rVB	249634	402121	40.80%	4.141%
62	14.784	1994	1999	2005	rVB2	5667	6596	0.67%	0.068%
63	14.907	2015	2020	2029	rBV2	27366	51549	5.23%	0.531%
64	15.002	2035	2036	2040	rVB2	1582	1810	0.18%	0.019%
65	15.289	2082	2085	2088	rVV2	2874	4001	0.41%	0.041%
66	15.378	2095	2100	2105	rBV	4152	7093	0.72%	0.073%
67	15.419	2105	2107	2109	rVB3	3123	2088	0.21%	0.022%
68	15.513	2119	2123	2127	rVB3	2713	4042	0.41%	0.042%
69	15.701	2145	2155	2164	rVB	445516	680665	69.07%	7.009%
70	15.812	2167	2174	2184	rBV	114433	191227	19.40%	1.969%
71	15.895	2186	2188	2191	rVV2	3410	4169	0.42%	0.043%
72	15.942	2191	2196	2201	rVB4	6511	12605	1.28%	0.130%
73	16.059	2212	2216	2221	rVV3	4011	6256	0.63%	0.064%
74	16.112	2221	2225	2227	rVB3	2778	2495	0.25%	0.026%
75	16.488	2287	2289	2292	rVB	2038	2192	0.22%	0.023%
76	17.046	2379	2384	2387	rBV2	1863	2383	0.24%	0.025%

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Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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-BG070921.M
Title : SVOA CALIBRATION

77	17.457	2448	2454	2462	rVB	334474	504142	51.16%	5.191%
78	17.557	2465	2471	2478	rVV	554131	839772	85.21%	8.648%
79	17.875	2521	2525	2527	rBV2	1832	2801	0.28%	0.029%
80	17.939	2534	2536	2539	rBV2	1821	1505	0.15%	0.015%
81	18.121	2561	2567	2572	rBV2	131657	172919	17.55%	1.781%
82	18.339	2600	2604	2608	rVV3	1577	2835	0.29%	0.029%
83	18.421	2615	2618	2620	rVB3	5231	4570	0.46%	0.047%
84	18.450	2620	2623	2627	rBV6	2482	3033	0.31%	0.031%
85	18.603	2647	2649	2651	rVB3	2726	2179	0.22%	0.022%
86	18.633	2651	2654	2659	rBV2	3858	4673	0.47%	0.048%
87	19.097	2731	2733	2735	rBV	1589	1557	0.16%	0.016%
88	19.161	2742	2744	2747	rVB3	1990	2057	0.21%	0.021%
89	19.261	2756	2761	2765	rBV7	3529	5747	0.58%	0.059%
90	19.385	2780	2782	2784	rVB2	2876	1545	0.16%	0.016%
91	19.402	2784	2785	2788	rBV3	2509	2465	0.25%	0.025%
92	19.484	2794	2799	2804	rBV2	6468	10822	1.10%	0.111%
93	19.731	2839	2841	2845	rVB3	5709	5243	0.53%	0.054%
94	19.796	2848	2852	2855	rBV4	8682	14357	1.46%	0.148%
95	19.843	2855	2860	2866	rVB	674949	985508	100.00%	10.148%
96	20.195	2916	2920	2921	rBV4	2302	2660	0.27%	0.027%
97	21.523	3144	3146	3147	rBV	4915	2694	0.27%	0.028%
98	21.741	3177	3183	3191	rVB2	327050	553390	56.15%	5.699%
99	24.808	3694	3705	3715	rVB	341605	956926	97.10%	9.854%
100	25.031	3733	3743	3755	rVB3	192773	584734	59.33%	6.021%

Sum of corrected areas: 9711138

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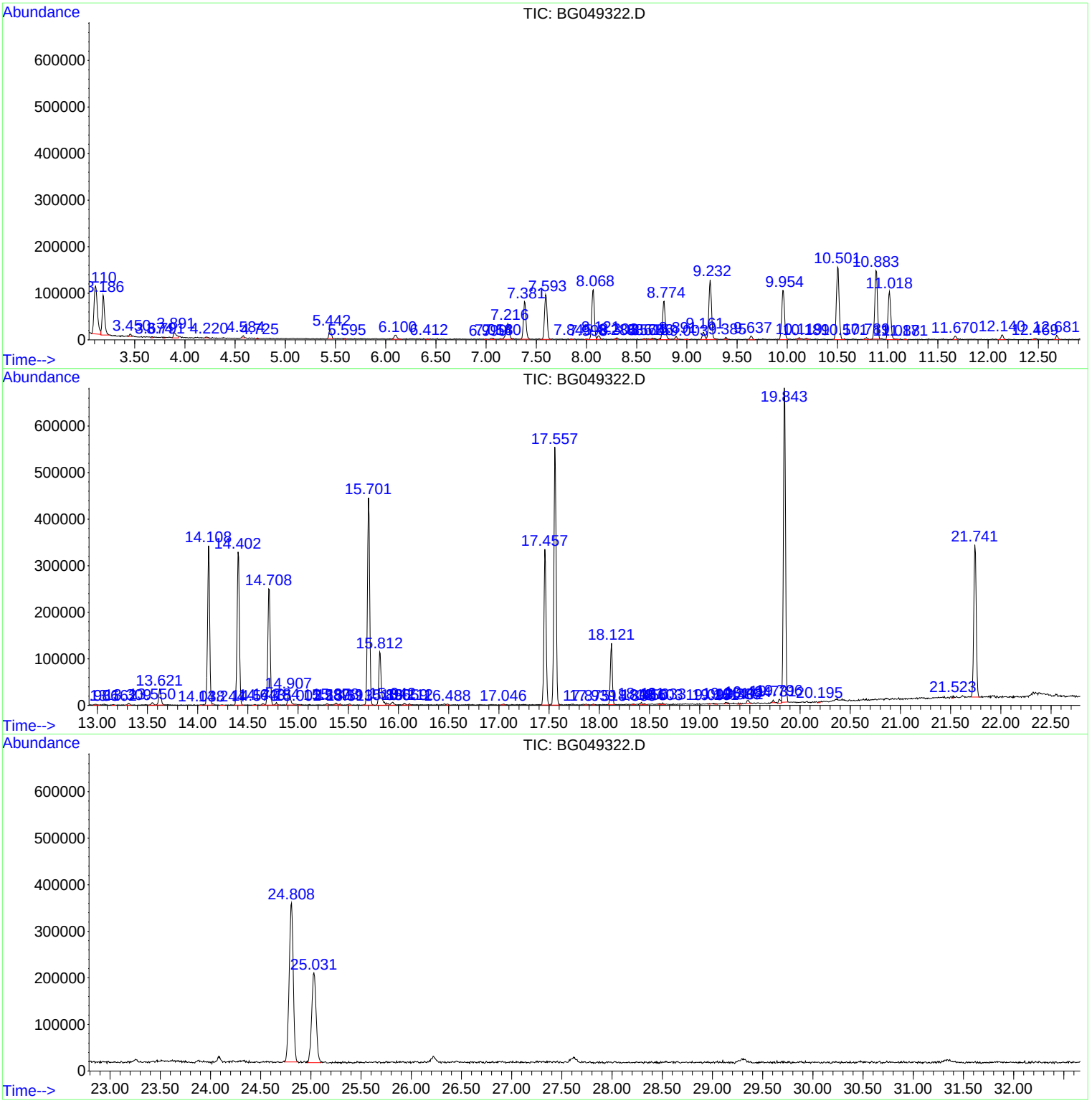
Instrument :
BNA_G
ClientSampleId :
C0AW8

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
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Acq On : 13 Jul 2021 20:26
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Instrument : BNA_G
ClientSampleId : C0AW8

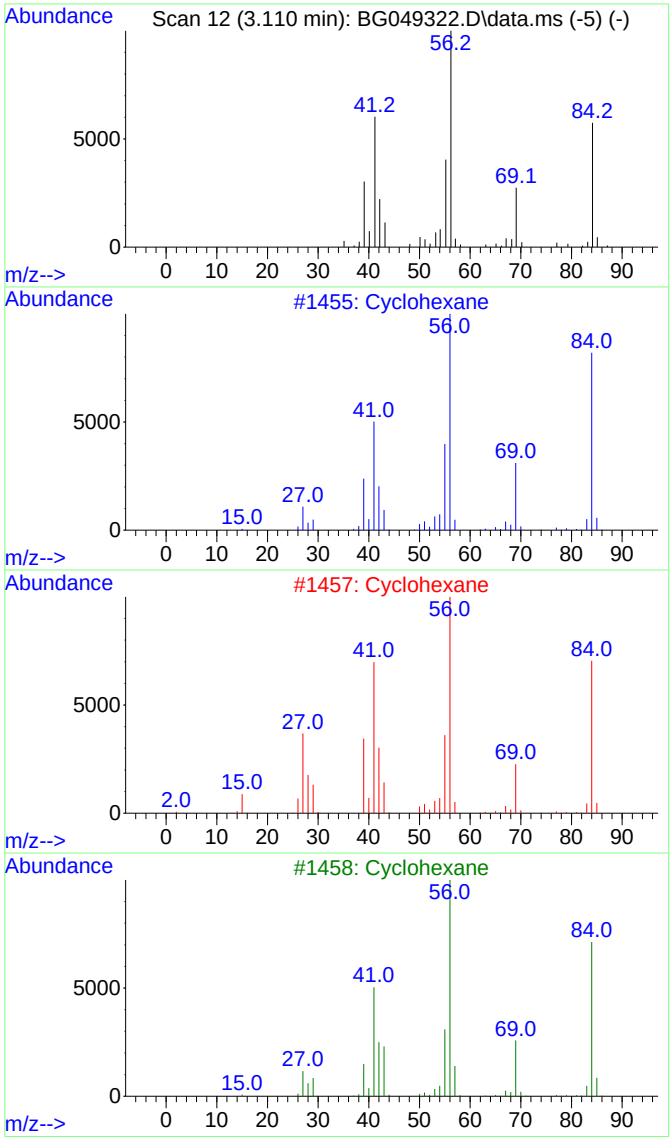
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

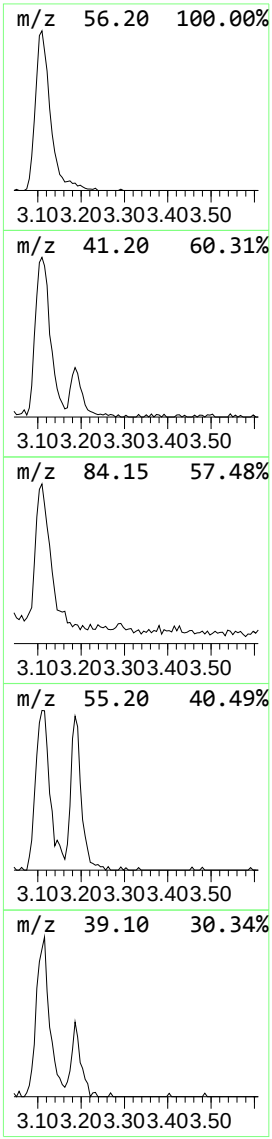
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	25.22 ng/ul	239506	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59





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Acq On : 13 Jul 2021 20:26
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Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

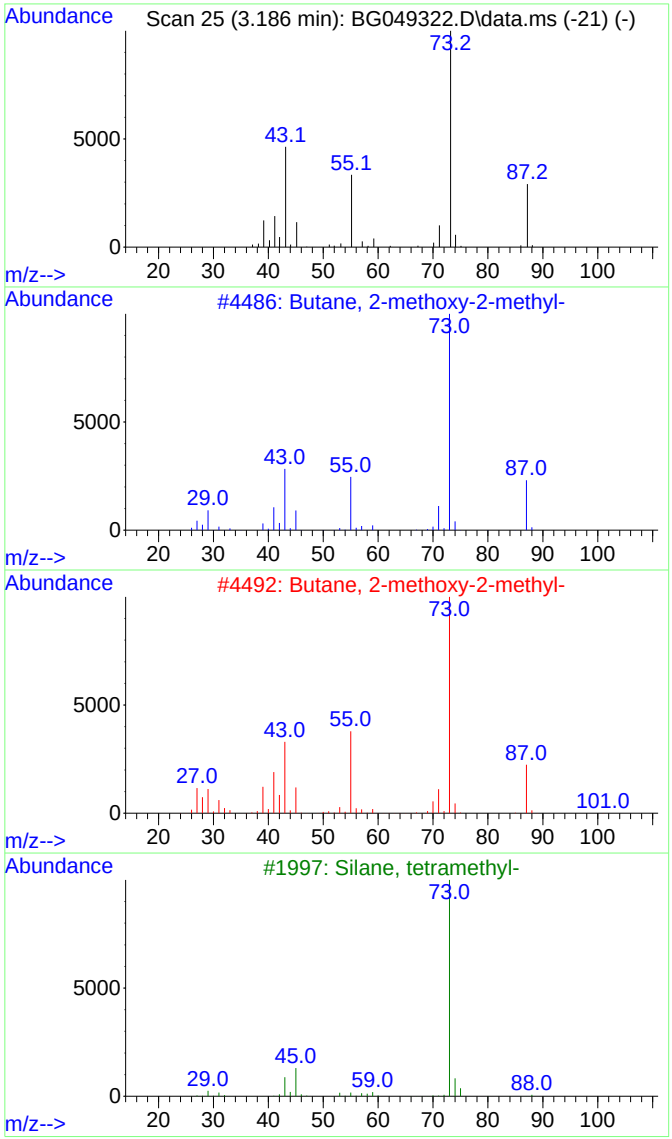
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

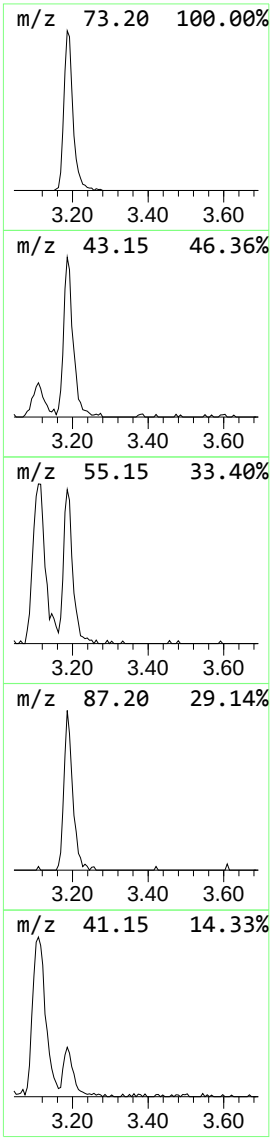
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	14.79 ng/ul	140448	1,4-Dichlorobenzene-d4	8.068

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	59
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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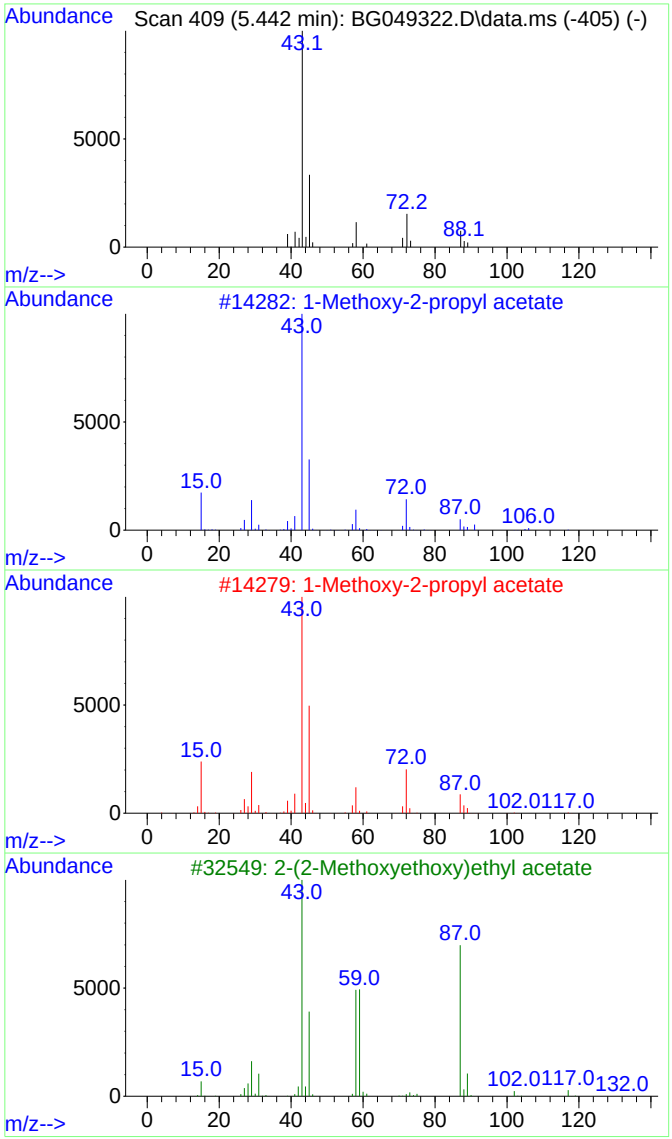
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

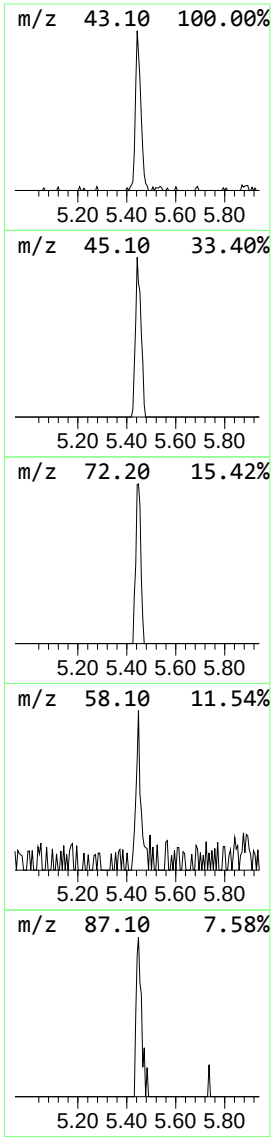
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	3.33 ng/ul	31623	1,4-Dichlorobenzene-d4	8.068

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	40
3	2-(2-Methoxyethoxy)ethyl acetate	162	C7H14O4	1000351-95-4	25
4	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	17
5	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	17





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AW8

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

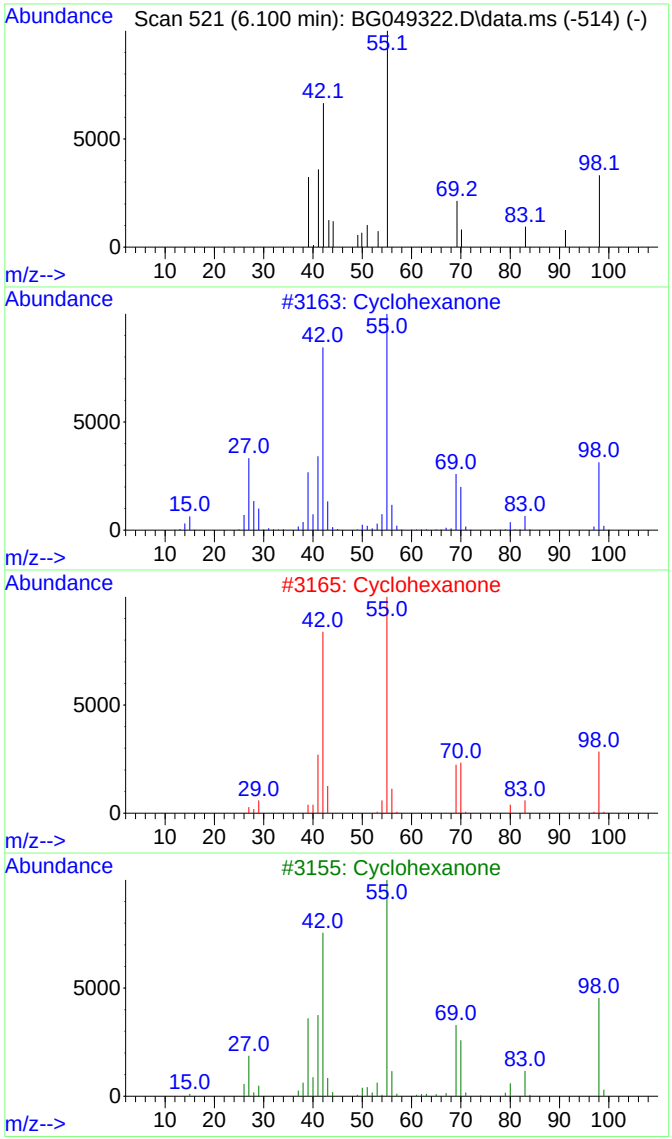
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

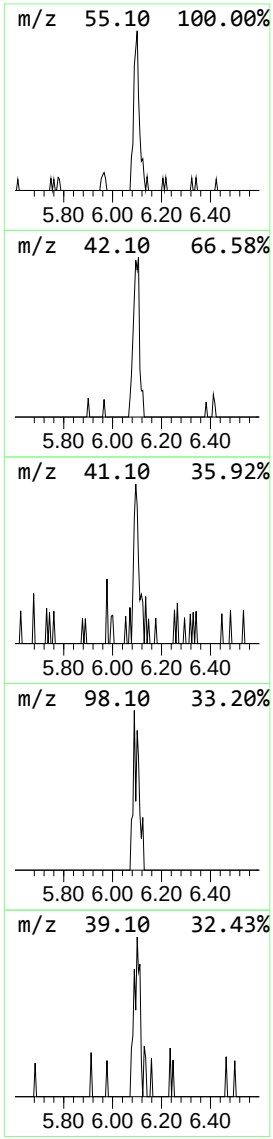
****

Peak Number 4 Cyclohexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.100	2.05 ng/ul	19490	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	53
2	Cyclohexanone	98	C6H10O	000108-94-1	53
3	Cyclohexanone	98	C6H10O	000108-94-1	50
4	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	12
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	12





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Data File : BG049322.D
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Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

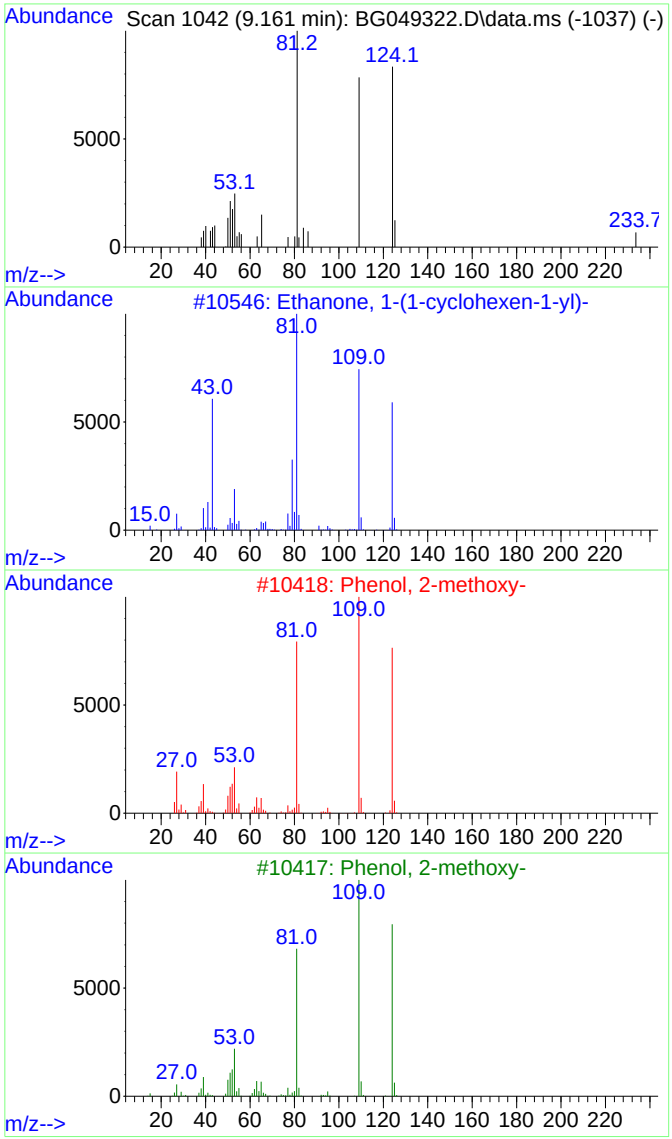
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

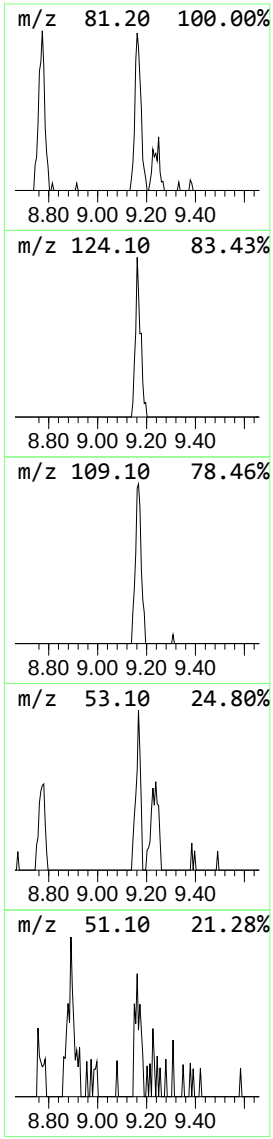
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.160	2.79 ng/ul	26539	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	56
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52
4	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	50
5	Mequinol	124	C7H8O2	000150-76-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049322.D
Acq On : 13 Jul 2021 20:26
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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

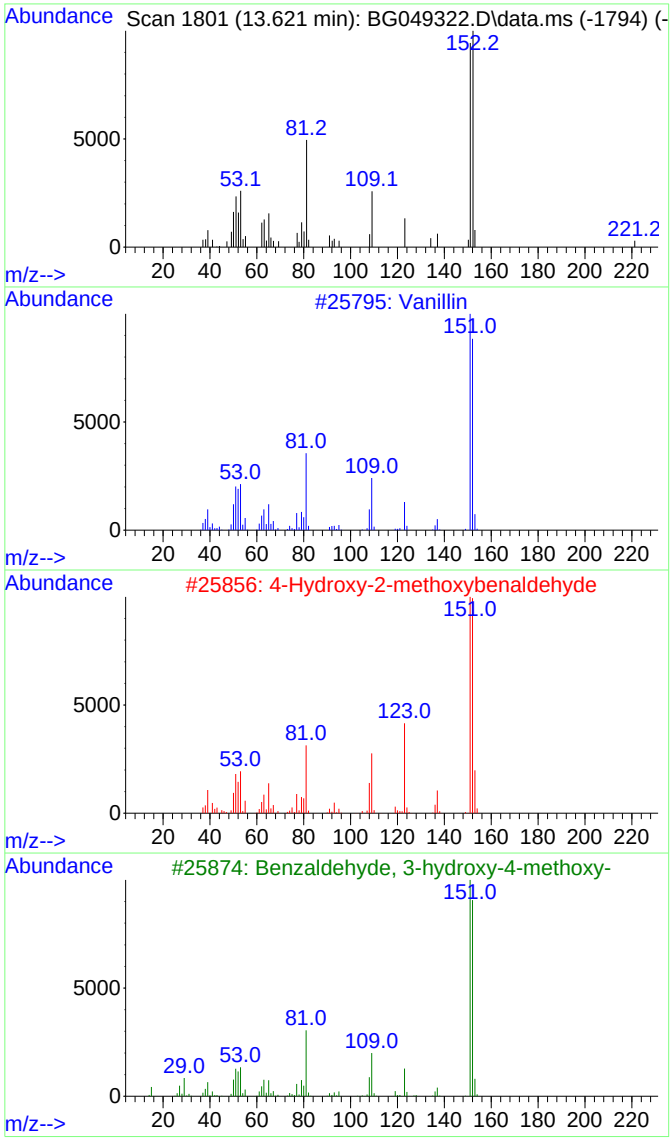
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

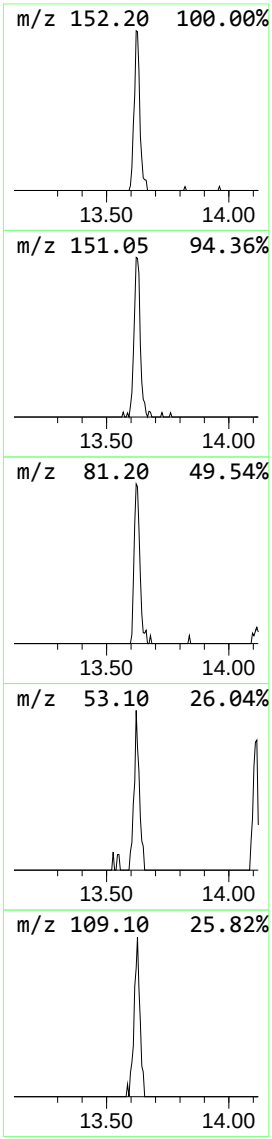
****

Peak Number 6 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.620	2.81 ng/ul	56509	Acenaphthene-d10	14.714

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	94
2	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	76
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	74
4	Vanillin	152	C8H8O3	000121-33-5	70
5	Vanillin	152	C8H8O3	000121-33-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049322.D
Acq On : 13 Jul 2021 20:26
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

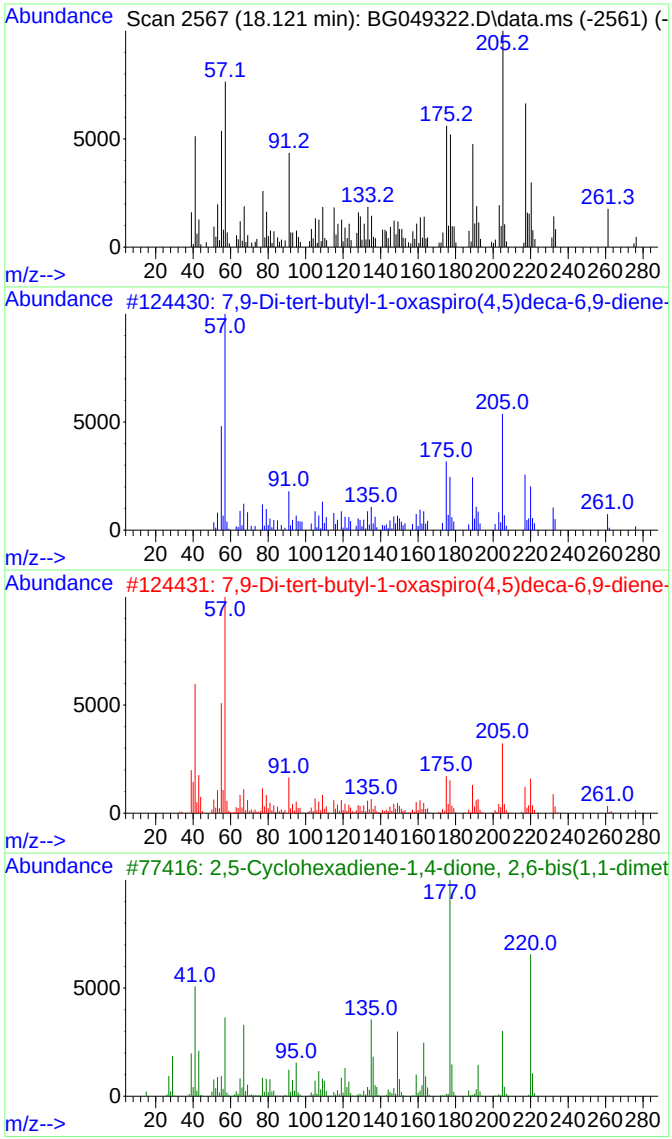
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

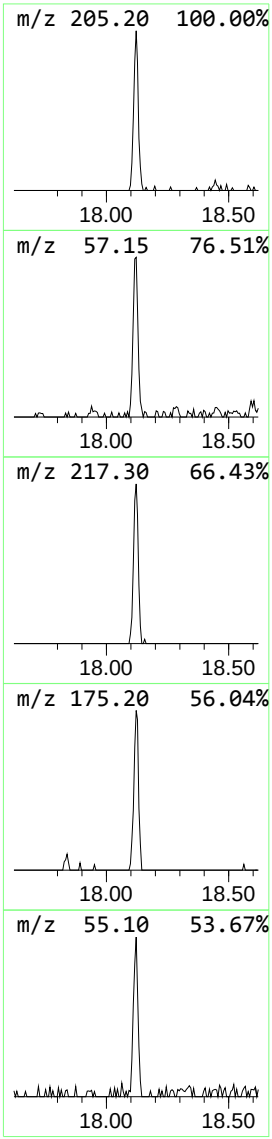
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	6.86 ng/ul	172919	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	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	45
4	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049322.D
Acq On : 13 Jul 2021 20:26
Operator : CG/JU
Sample : M2996-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW8

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...	3.110	25.2	ng/ul	239506	1	8.068	189939	20.0
Butane, 2-metho...	3.190	14.8	ng/ul	140448	1	8.068	189939	20.0
1-Methoxy-2-pro...	5.440	3.3	ng/ul	31623	1	8.068	189939	20.0
Cyclohexanone	6.100	2.0	ng/ul	19490	1	8.068	189939	20.0
Ethanone, 1-(1-...	9.160	2.8	ng/ul	26539	1	8.068	189939	20.0
Vanillin	13.620	2.8	ng/ul	56509	3	14.714	402121	20.0
7,9-Di-tert-but...	18.120	6.9	ng/ul	172919	4	17.458	504142	20.0