LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049336.D
Acq On : 14 Jul 2021 19:32
Operator : CG/JU
Sample : M2996-03DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AT7DL

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: BG049336.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.214	196	200	205	rBV2	8765	13358	2.29%	0.369%
2	4.925	319	321	322	rBV	2199	1624	0.28%	0.045%
3	5.829	473	475	479	rVB3	1785	1874	0.32%	0.052%
4	6.176	532	534	537	rBV3	1831	1830	0.31%	0.051%
5	6.470	580	584	586	rBV	1168	1941	0.33%	0.054%
6	7.216	710	711	715	rBV2	2152	2951	0.51%	0.081%
7	7.380	735	739	744	rBV	6555	11351	1.95%	0.313%
8	7.457	748	752	754	rBV2	1562	2252	0.39%	0.062%
9	7.598	770	776	779	rBV4	8349	13054	2.24%	0.360%
10	8.015	844	847	849	rBV2	1192	1594	0.27%	0.044%
11	8.068	849	856	863	rVV	113787	199948	34.31%	5.518%
12	8.121	863	865	868	rVB3	2301	2094	0.36%	0.058%
13	8.174	871	874	876	rBV2	1413	1827	0.31%	0.050%
14	8.444	917	920	923	rVB3	1864	2012	0.35%	0.056%
15	8.773	973	976	985	rVB4	6318	11950	2.05%	0.330%
16	9.237	1050	1055	1062	rVB2	10146	18797	3.23%	0.519%
17	9.507	1096	1101	1103	rVB	1375	1507	0.26%	0.042%
18	9.960	1170	1178	1185	rBV3	8907	17200	2.95%	0.475%
19	10.447	1257	1261	1265	rBV3	1202	1881	0.32%	0.052%
20	10.506	1265	1271	1277	rBV2	14572	24038	4.13%	0.663%
21	10.659	1294	1297	1302	rBV3	1761	3111	0.53%	0.086%
22	10.882	1328	1335	1343	rBV	146300	275292	47.24%	7.597%
23	11.023	1353	1359	1365	rBV4	9834	17546	3.01%	0.484%
24	11.722	1475	1478	1479	rBV	1525	1574	0.27%	0.043%
25	11.999	1521	1525	1527	rBV2	1471	1937	0.33%	0.053%
26	12.104	1542	1543	1548	rBV2	1513	1910	0.33%	0.053%
27	12.198	1556	1559	1562	rBV2	1363	1539	0.26%	0.042%
28	12.762	1651	1655	1656	rBV2	2082	2245	0.39%	0.062%
29	13.150	1716	1721	1724	rBV2	4666	8248	1.42%	0.228%
30	13.215	1729	1732	1733	rVV	2536	2546	0.44%	0.070%
31	13.227	1733	1734	1740	rVB3	4562	5342	0.92%	0.147%
32	13.420	1760	1767	1775	rBV2	11711	19990	3.43%	0.552%
33	13.550	1786	1789	1791	rVB2	1911	1971	0.34%	0.054%
34	13.732	1815	1820	1825	rBV4	7100	10320	1.77%	0.285%
35	13.843	1834	1839	1843	rVB2	3084	4276	0.73%	0.118%
36	14.108	1879	1884	1890	rBV2	33846	50100	8.60%	1.383%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2996-03DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AT7DL

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	14.402	1928	1934	1943	rBV2	32094	56094	9.63%	1.548%
38	14.713	1980	1987	1995	rVB	248295	399489	68.56%	11.025%
39	15.024	2038	2040	2045	rBV2	2138	2540	0.44%	0.070%
40	15.306	2086	2088	2089	rBV2	2749	2588	0.44%	0.071%
41	15.336	2090	2093	2100	rVB4	12977	19084	3.28%	0.527%
42	15.630	2140	2143	2145	rBV2	1449	1731	0.30%	0.048%
43	15.700	2150	2155	2160	rVV2	46703	68545	11.76%	1.892%
44	15.753	2162	2164	2167	rVV2	1906	1644	0.28%	0.045%
45	15.835	2171	2178	2184	rVV2	69211	112450	19.30%	3.103%
46	15.906	2187	2190	2195	rBV2	1747	2876	0.49%	0.079%
47	16.100	2221	2223	2227	rVB2	1437	1467	0.25%	0.040%
48	16.429	2277	2279	2281	rBV	1718	1600	0.27%	0.044%
49	16.511	2292	2293	2300	rBV2	1828	1922	0.33%	0.053%
50	16.858	2349	2352	2355	rBV	1739	1604	0.28%	0.044%
51	16.881	2355	2356	2360	rVV3	1543	1673	0.29%	0.046%
52	17.110	2389	2395	2404	rBV	374373	582696	100.00%	16.080%
53	17.457	2448	2454	2462	rVB	321992	496654	85.23%	13.706%
54	17.557	2466	2471	2477	rVB2	47396	74071	12.71%	2.044%
55	17.809	2509	2514	2521	rBV2	56398	90584	15.55%	2.500%
56	18.033	2548	2552	2553	rBV3	1708	2333	0.40%	0.064%
57	18.556	2639	2641	2644	rBV3	2450	2355	0.40%	0.065%
58	18.826	2685	2687	2689	rBV	2168	1504	0.26%	0.042%
59	19.543	2804	2809	2813	rBV	91296	111171	19.08%	3.068%
60	19.707	2832	2837	2843	rBV	96000	138304	23.74%	3.817%
61	19.842	2855	2860	2866	rBV	60884	89976	15.44%	2.483%
62	21.211	3090	3093	3102	rBV2	42915	66947	11.49%	1.848%
63	21.740	3177	3183	3192	rBV	329990	550711	94.51%	15.198%

Sum of corrected areas: 3623643

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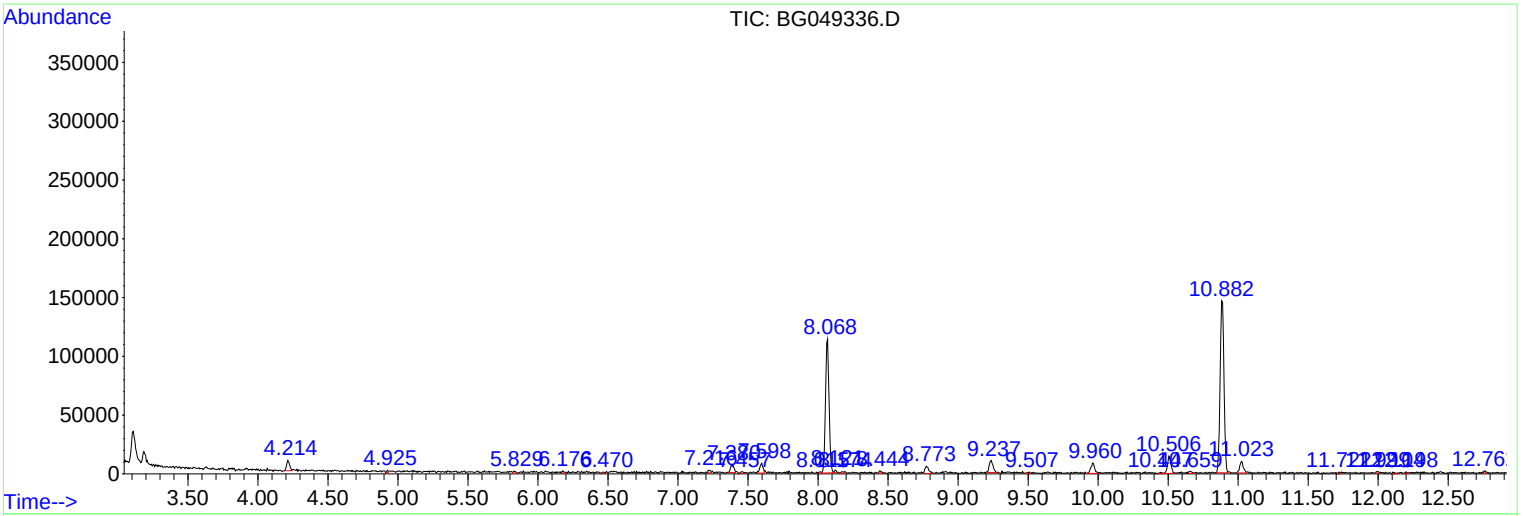
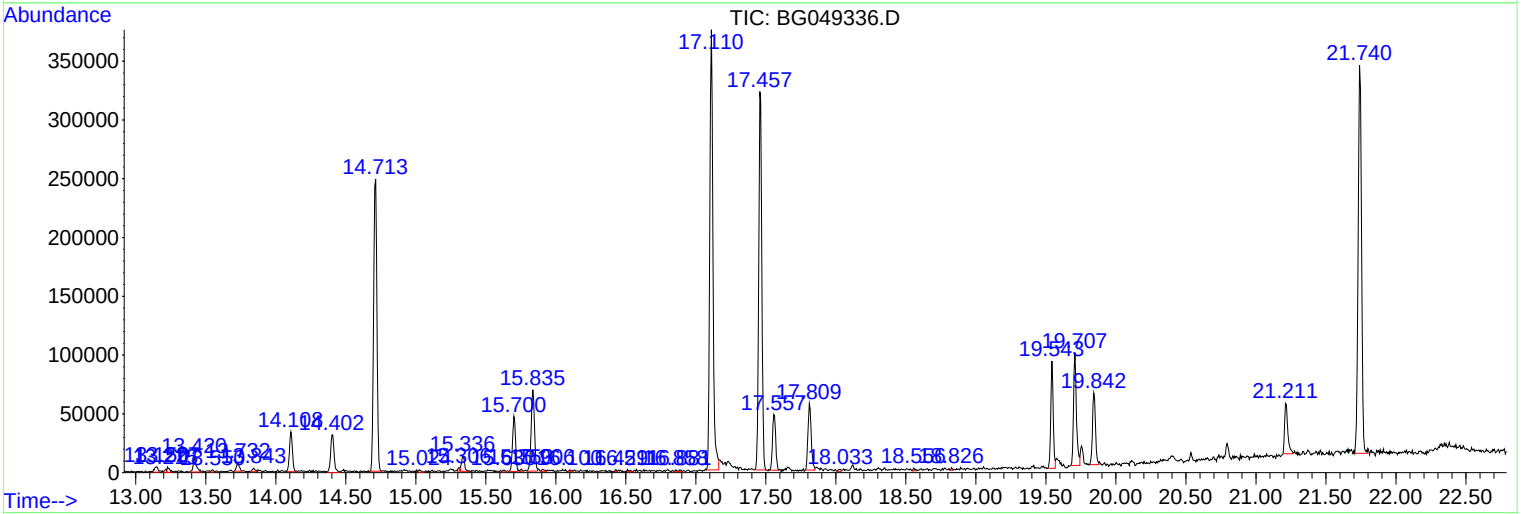
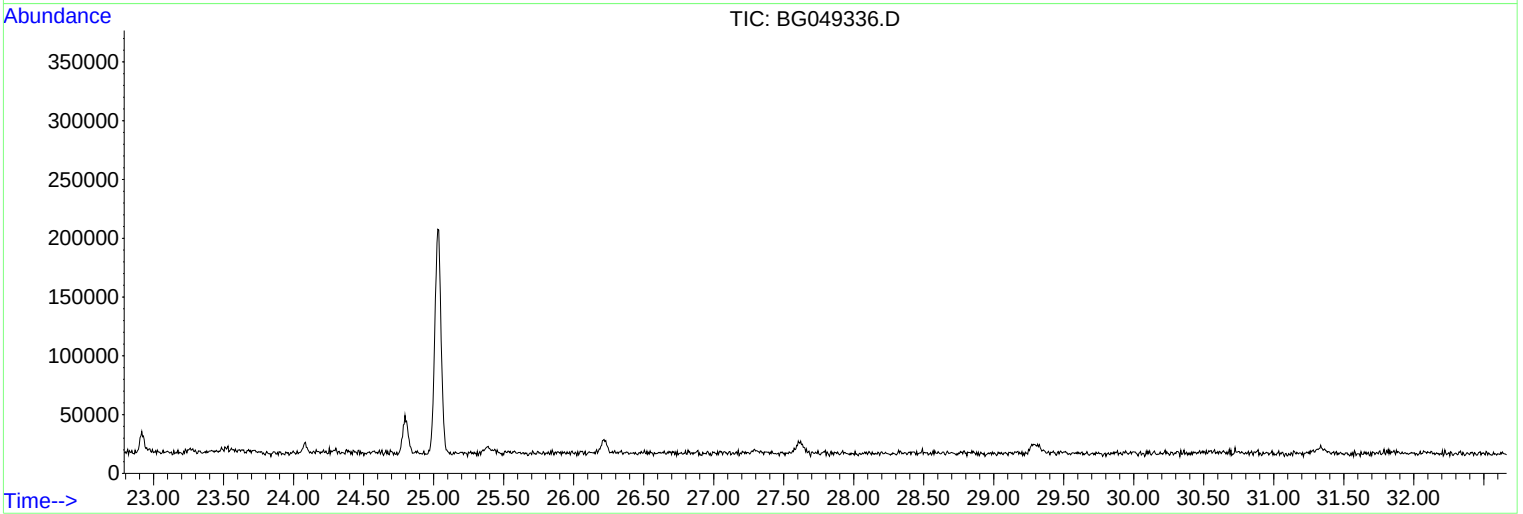
Instrument :
BNA_G
ClientSampleId :
C0AT7DL

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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Quant Title : SVOA CALIBRATION

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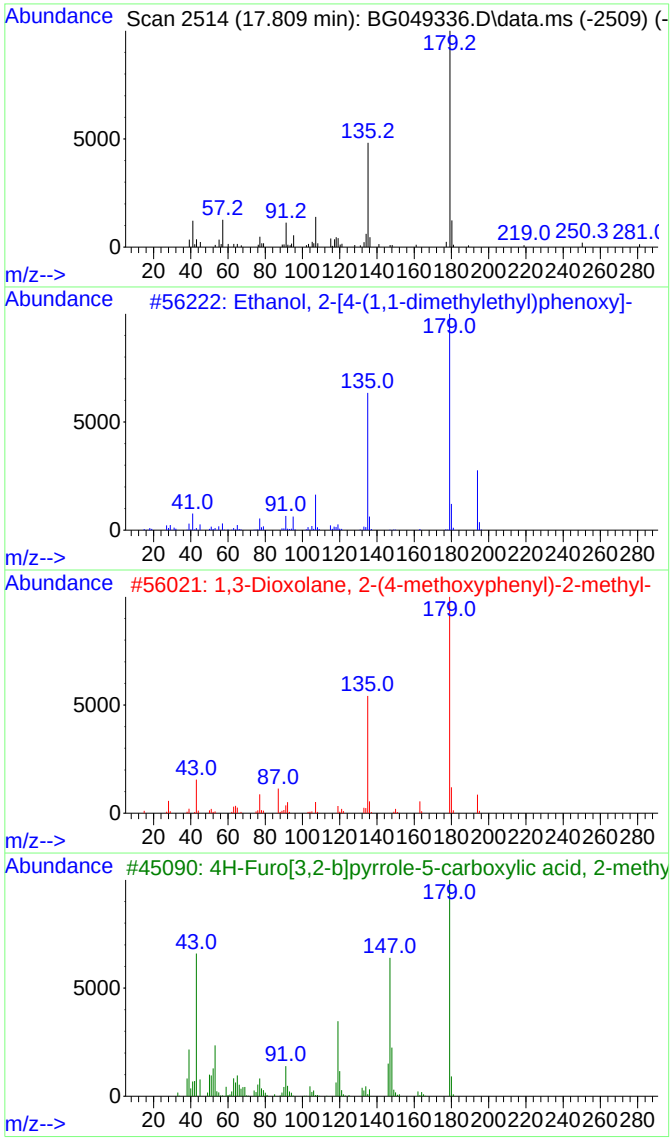
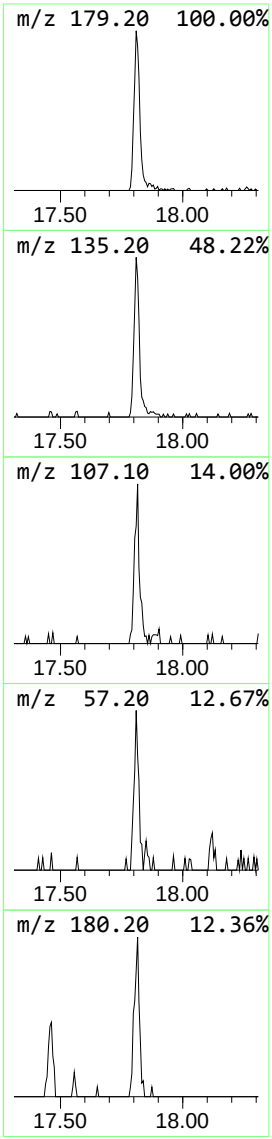
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	3.65 ng/ul	90584	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	78
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
3	4H-Furo[3,2-b]pyrrole-5-carboxyl...	179	C9H9NO3	1000318-89-7	38
4	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	37
5	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	37





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Data File : BG049336.D
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Sample : M2996-03DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AT7DL

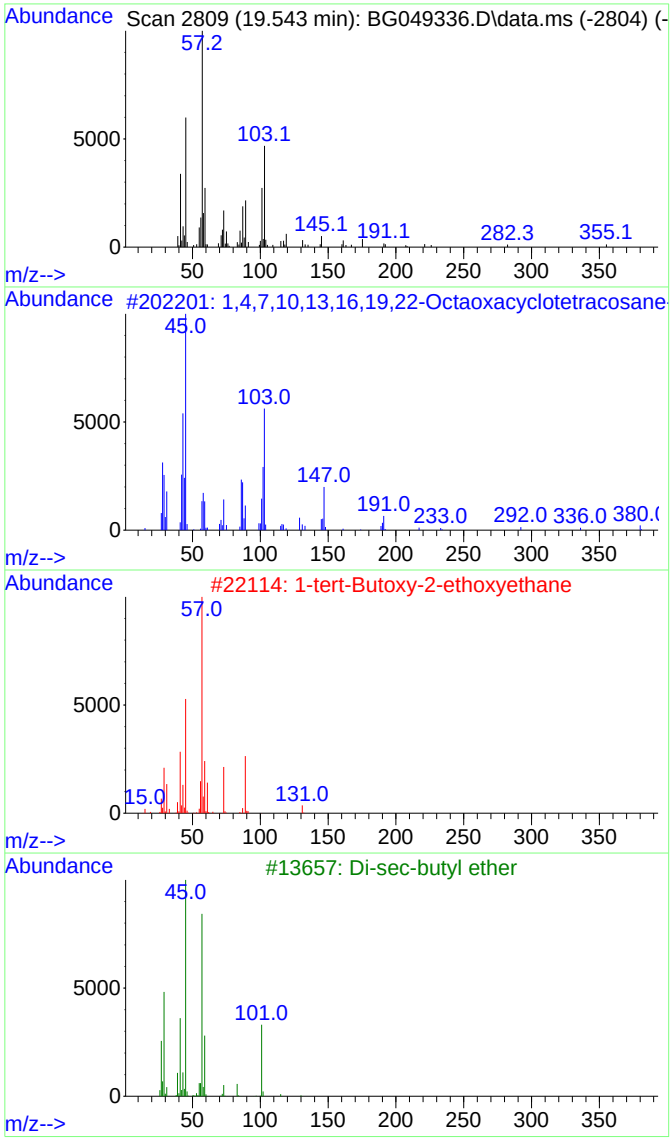
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

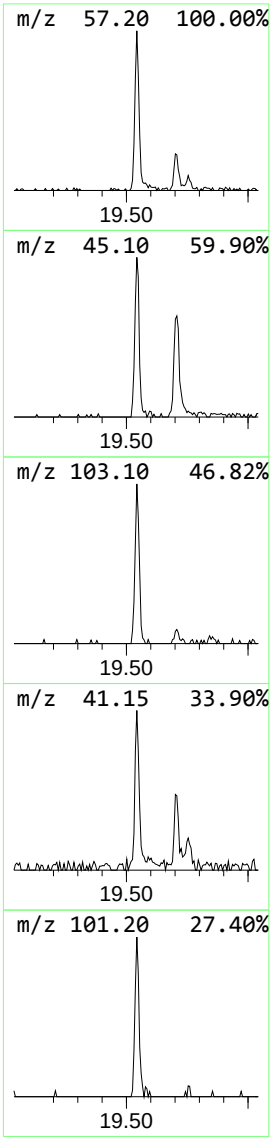
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,4,7,10,13,16,19,22-Octaox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.540	4.48 ng/ul	111171	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16,19,22-Octaoxacycl...	380	C16H28O10	1000221-60-1	50
2	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	47
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	43
5	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	35





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ALS Vial : 12 Sample Multiplier: 1

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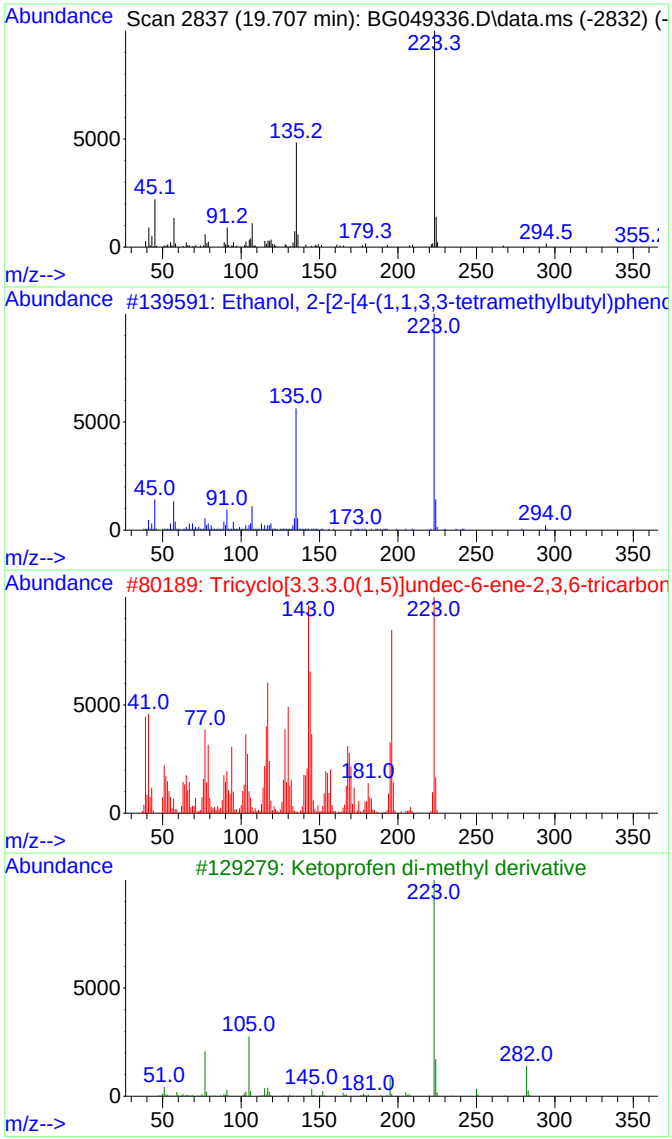
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

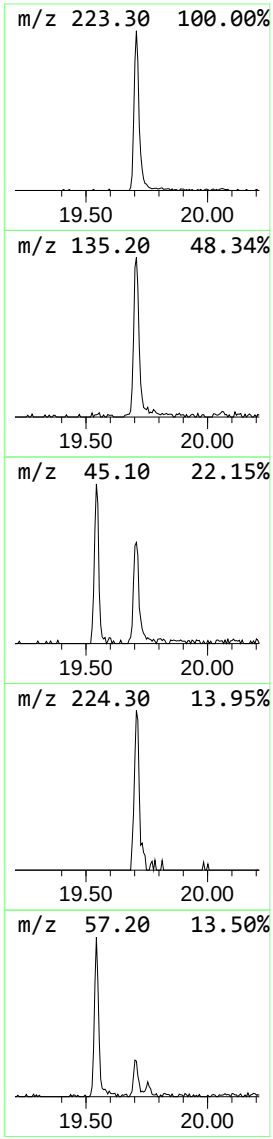
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.710	5.02 ng/ul	138304	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	64
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	43
3	Ketoprofen di-methyl derivative	282	C18H18O3	1000137-08-9	43
4	2,9-Dioxabicyclo[3.3.1]non-7-ene...	436	C23H32O8	1000196-04-6	39
5	1H-Isoindole-1,3(2H)-dione, 2-ph...	223	C14H9NO2	000520-03-6	38





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Quant Title : SVOA CALIBRATION

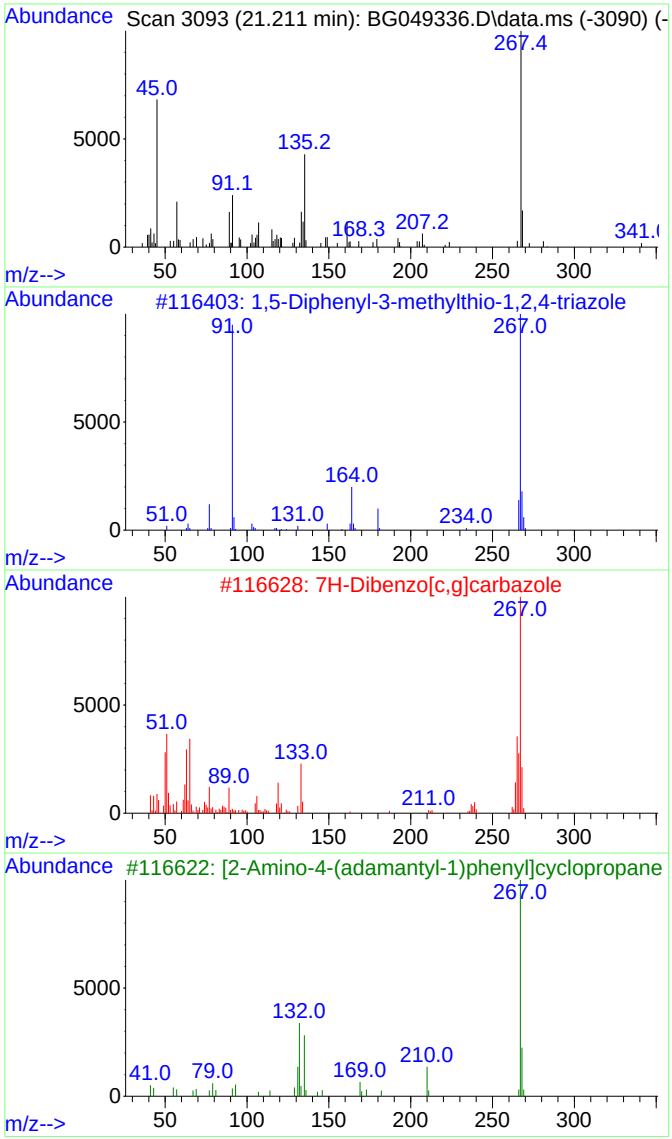
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

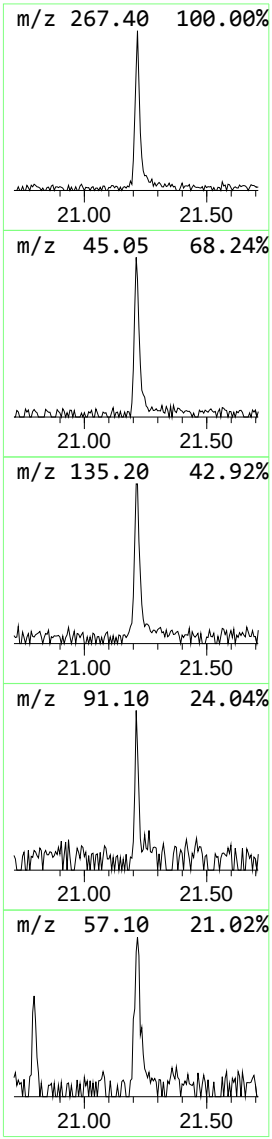
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	2.43 ng/ul	66947	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Diphenyl-3-methylthio-1,2,4-...	267	C15H13N3S	072234-23-2	35
2	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	35
3	[2-Amino-4-(adamantyl-1)phenyl]c...	267	C19H25N	1000140-61-3	32
4	6-Chloromethyl-benzo[4,5]imidazo...	267	C15H10ClN3	070371-92-5	32
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	25





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
Ethanol, 2-[4-(...	17.810	3.6	ng/ul	90584	4	17.457	496654	20.0
1,4,7,10,13,16,...	19.540	4.5	ng/ul	111171	4	17.457	496654	20.0
Ethanol, 2-[2-[...	19.710	5.0	ng/ul	138304	5	21.740	550711	20.0
unknown-01	21.210	2.4	ng/ul	66947	5	21.740	550711	20.0