LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049338.D
Acq On : 14 Jul 2021 20:53
Operator : CG/JU
Sample : M2996-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AT6DL

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: BG049338.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.455	410	411	414	rBV2	1572	1467	0.28%	0.035%
2	5.479	414	415	418	rVV	1606	1540	0.29%	0.037%
3	6.824	642	644	647	rBV3	1354	1381	0.26%	0.033%
4	7.383	735	739	745	rVB	5808	9995	1.88%	0.240%
5	7.600	771	776	781	rVB4	9414	14970	2.82%	0.360%
6	7.747	798	801	803	rBV2	1050	1379	0.26%	0.033%
7	8.064	848	855	862	rBV2	107591	186285	35.06%	4.475%
8	8.440	915	919	921	rBV3	1929	3264	0.61%	0.078%
9	8.505	925	930	932	rBV3	1270	2198	0.41%	0.053%
10	8.775	972	976	984	rVB4	6538	10641	2.00%	0.256%
11	8.928	995	1002	1005	rVB4	2138	3504	0.66%	0.084%
12	9.233	1049	1054	1060	rBV4	9010	18288	3.44%	0.439%
13	9.345	1070	1073	1075	rBV2	1438	1637	0.31%	0.039%
14	9.962	1174	1178	1185	rVB5	8924	16173	3.04%	0.388%
15	10.267	1229	1230	1233	rBV2	1514	1441	0.27%	0.035%
16	10.414	1252	1255	1257	rVB	1304	1454	0.27%	0.035%
17	10.508	1266	1271	1279	rVB3	14623	24381	4.59%	0.586%
18	10.614	1286	1289	1293	rVB3	1278	1600	0.30%	0.038%
19	10.655	1293	1296	1298	rBV	2553	3201	0.60%	0.077%
20	10.884	1328	1335	1343	rVB	145375	259744	48.88%	6.239%
21	11.019	1352	1358	1365	rBV4	10572	19617	3.69%	0.471%
22	11.490	1434	1438	1439	rVB	1410	1325	0.25%	0.032%
23	11.795	1487	1490	1497	rVB3	1537	2323	0.44%	0.056%
24	11.971	1515	1520	1521	rBV2	1527	2297	0.43%	0.055%
25	12.441	1597	1600	1603	rBV3	1800	2148	0.40%	0.052%
26	12.853	1667	1670	1672	rBV	1371	1418	0.27%	0.034%
27	13.146	1716	1720	1727	rBV3	5576	8261	1.55%	0.198%
28	13.229	1730	1734	1738	rBV3	3608	6349	1.19%	0.153%
29	13.311	1744	1748	1750	rVB2	1723	2141	0.40%	0.051%
30	13.340	1750	1753	1757	rBV2	1182	2150	0.40%	0.052%
31	13.417	1762	1766	1775	rVV3	9562	18797	3.54%	0.452%
32	13.728	1816	1819	1823	rBV3	8053	11750	2.21%	0.282%
33	14.104	1879	1883	1891	rVB	32117	46694	8.79%	1.122%
34	14.404	1928	1934	1941	rBV	34248	52763	9.93%	1.267%
35	14.709	1976	1986	1993	rBV	238308	379329	71.38%	9.112%
36	14.862	2010	2012	2013	rBV	2079	1384	0.26%	0.033%

LSC Area Percent Report

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Data File : BG049338.D
Acq On : 14 Jul 2021 20:53
Operator : CG/JU
Sample : M2996-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AT6DL

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	15.103	2050	2053	2056	rBV3	1583	1662	0.31%	0.040%
38	15.303	2084	2087	2089	rBV2	3311	4597	0.87%	0.110%
39	15.332	2089	2092	2098	rVB4	12849	19215	3.62%	0.462%
40	15.643	2143	2145	2147	rVB	1941	1840	0.35%	0.044%
41	15.702	2150	2155	2160	rBV2	45274	66868	12.58%	1.606%
42	15.837	2172	2178	2186	rBV2	65318	103283	19.44%	2.481%
43	16.014	2206	2208	2210	rBV	1599	1644	0.31%	0.039%
44	16.113	2222	2225	2228	rBV3	1892	2883	0.54%	0.069%
45	16.178	2234	2236	2240	rBV3	1113	1458	0.27%	0.035%
46	16.513	2290	2293	2294	rBV3	1603	1428	0.27%	0.034%
47	16.719	2326	2328	2331	rBV	1486	2168	0.41%	0.052%
48	16.848	2349	2350	2357	rVB	2167	2795	0.53%	0.067%
49	16.948	2365	2367	2369	rVB3	1984	1384	0.26%	0.033%
50	17.059	2383	2386	2388	rBV2	2424	2265	0.43%	0.054%
51	17.112	2388	2395	2407	rBV	321454	531393	100.00%	12.765%
52	17.306	2426	2428	2432	rVB3	2581	2076	0.39%	0.050%
53	17.459	2448	2454	2462	rVB	308291	466389	87.77%	11.203%
54	17.559	2466	2471	2477	rVV	48472	71409	13.44%	1.715%
55	17.659	2486	2488	2491	rVB4	3003	3120	0.59%	0.075%
56	17.811	2508	2514	2525	rBV	141724	229513	43.19%	5.513%
57	18.264	2589	2591	2594	rVB3	1993	1808	0.34%	0.043%
58	18.922	2701	2703	2705	rBV	1853	1925	0.36%	0.046%
59	19.192	2747	2749	2752	rBV3	2654	2216	0.42%	0.053%
60	19.545	2804	2809	2814	rBV	225670	262749	49.45%	6.312%
61	19.709	2831	2837	2842	rBV	273640	380887	71.68%	9.149%
62	19.756	2842	2845	2849	rVB	48244	57478	10.82%	1.381%
63	19.844	2856	2860	2867	rVB	61205	81772	15.39%	1.964%
64	20.796	3019	3022	3026	rVB2	33631	36563	6.88%	0.878%
65	21.213	3089	3093	3103	rVB	138045	204802	38.54%	4.920%
66	21.742	3177	3183	3190	rVB	300300	492118	92.61%	11.821%

Sum of corrected areas: 4162997

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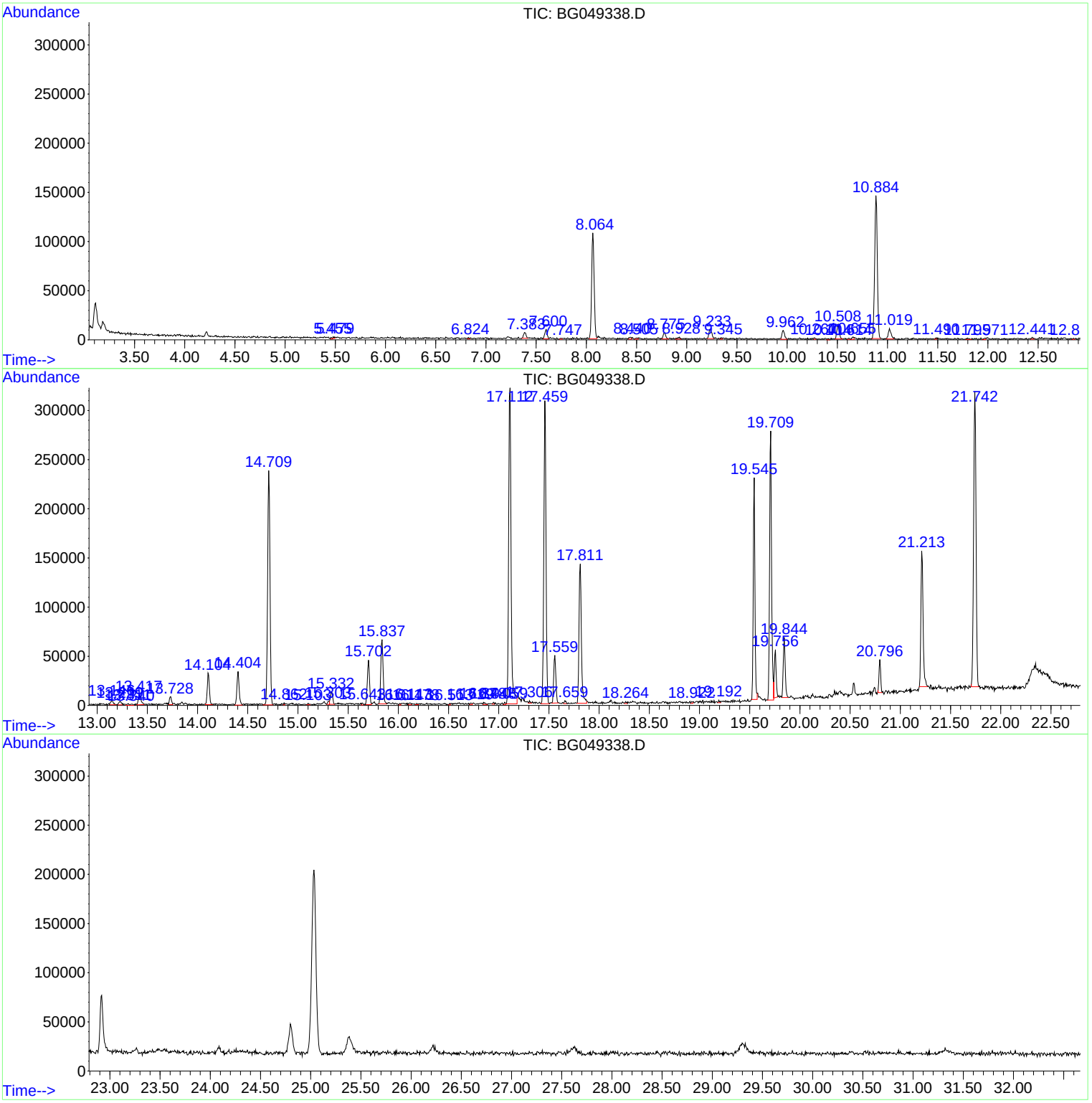
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AT6DL

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\BG071421\
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Acq On : 14 Jul 2021 20:53
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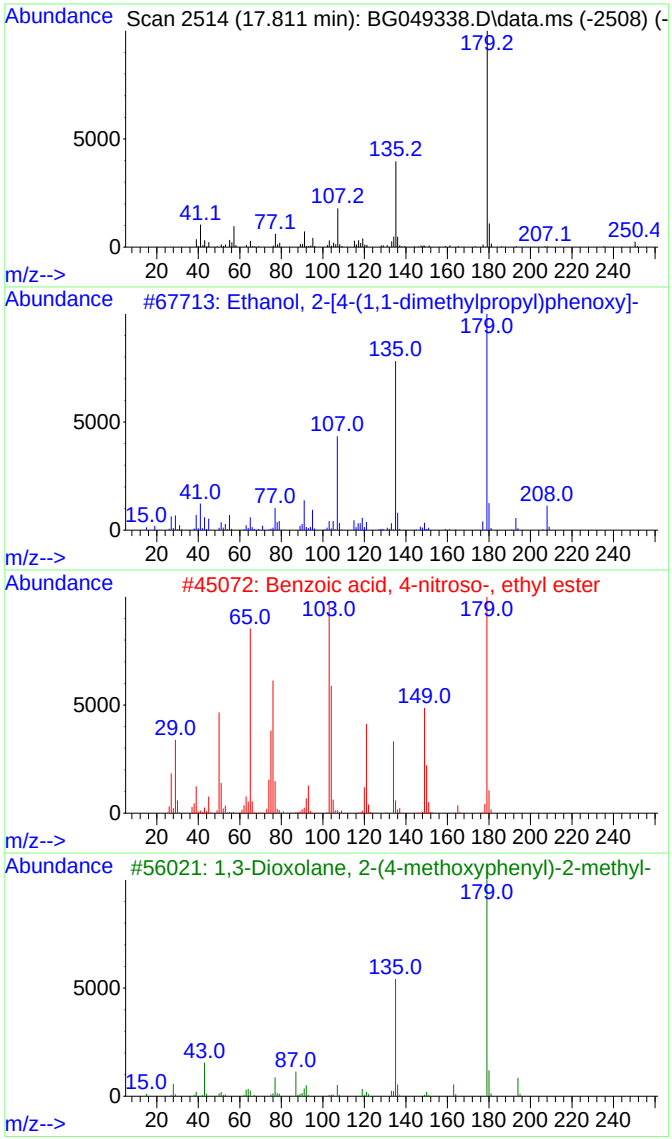
Quant Title : SVOA CALIBRATION

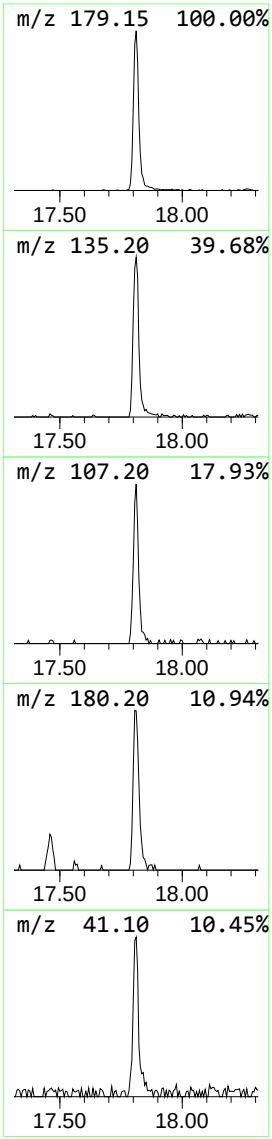
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	9.84 ng/ul	229513	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	78
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	55
3	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	50
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	39





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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AT6DL

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

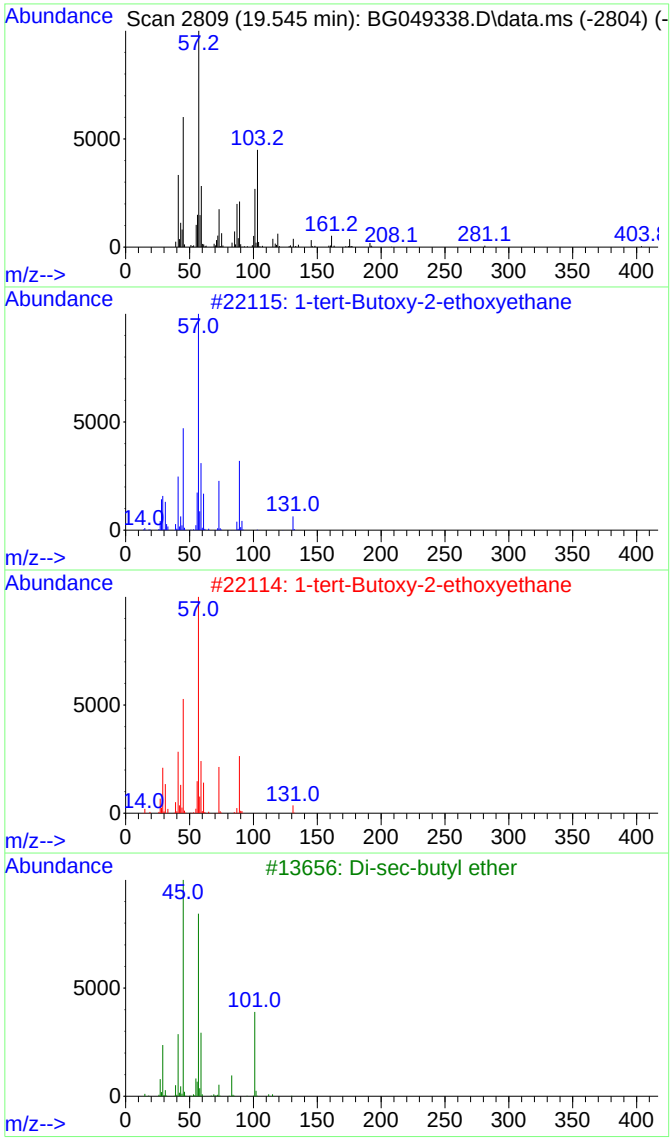
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

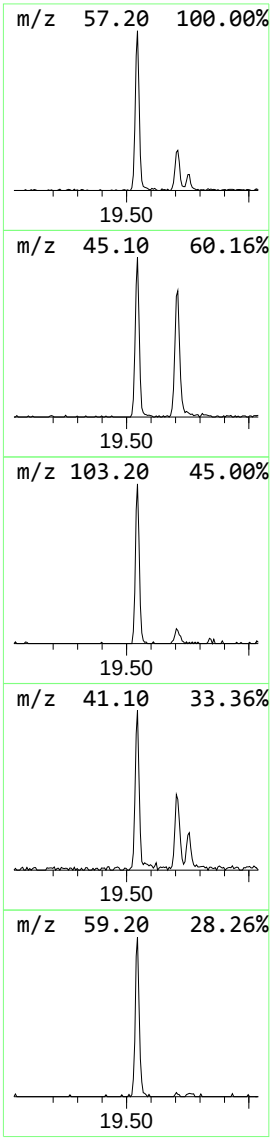
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.540	11.27 ng/ul	262749	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	46
2	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	43
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	38
4	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	38
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	35





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Sample : M2996-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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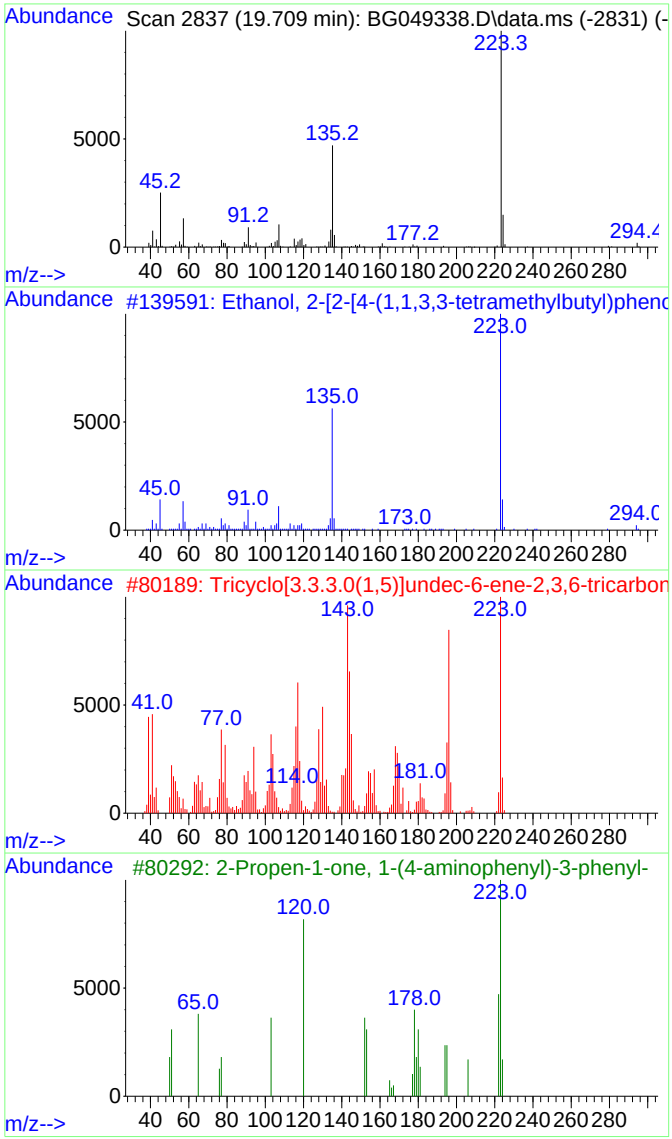
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

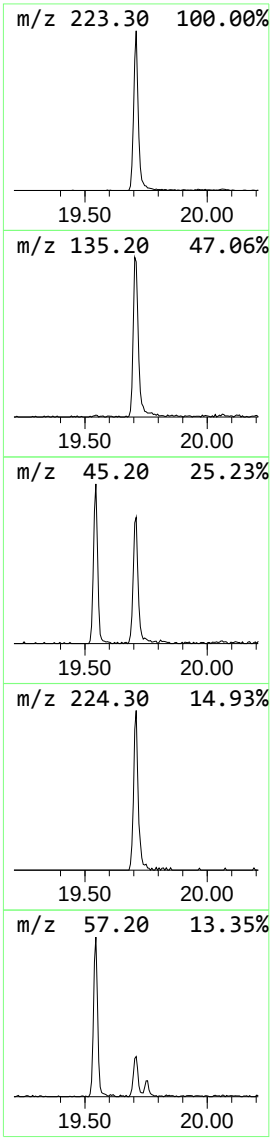
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
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	15.48 ng/ul	380887	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	95
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	43
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
4	Benzothiazole-2-carbohydrazide, ...	299	C11H10ClN3O3S	1000267-60-4	43
5	2,9-Dioxabicyclo[3.3.1]non-7-ene...	436	C23H32O8	1000196-04-6	39





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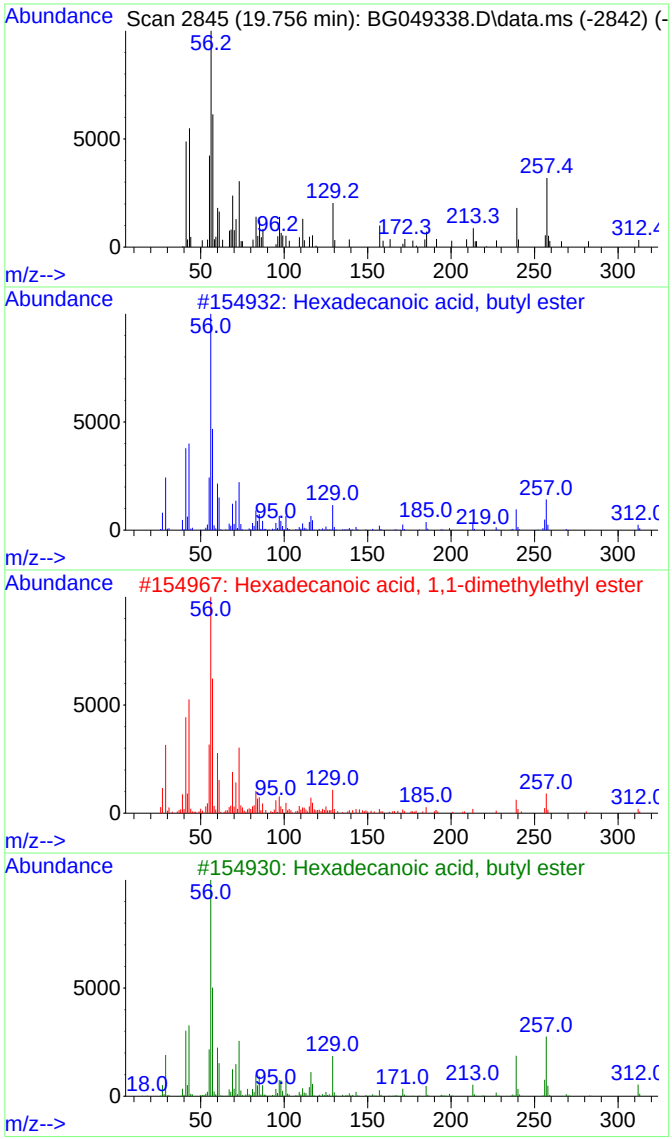
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

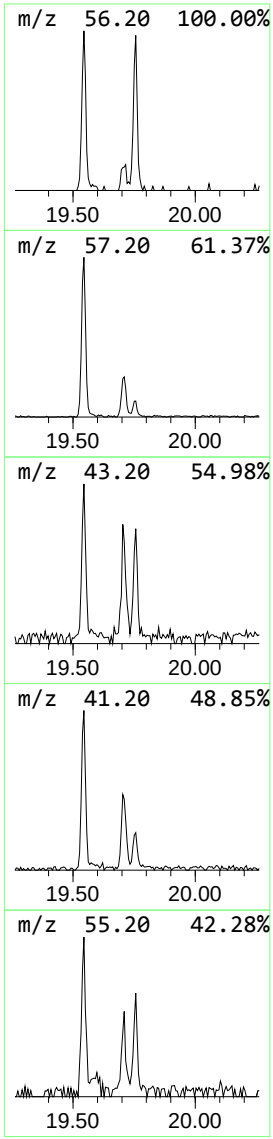
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.760	2.34 ng/ul	57478	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	43
5	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	43





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

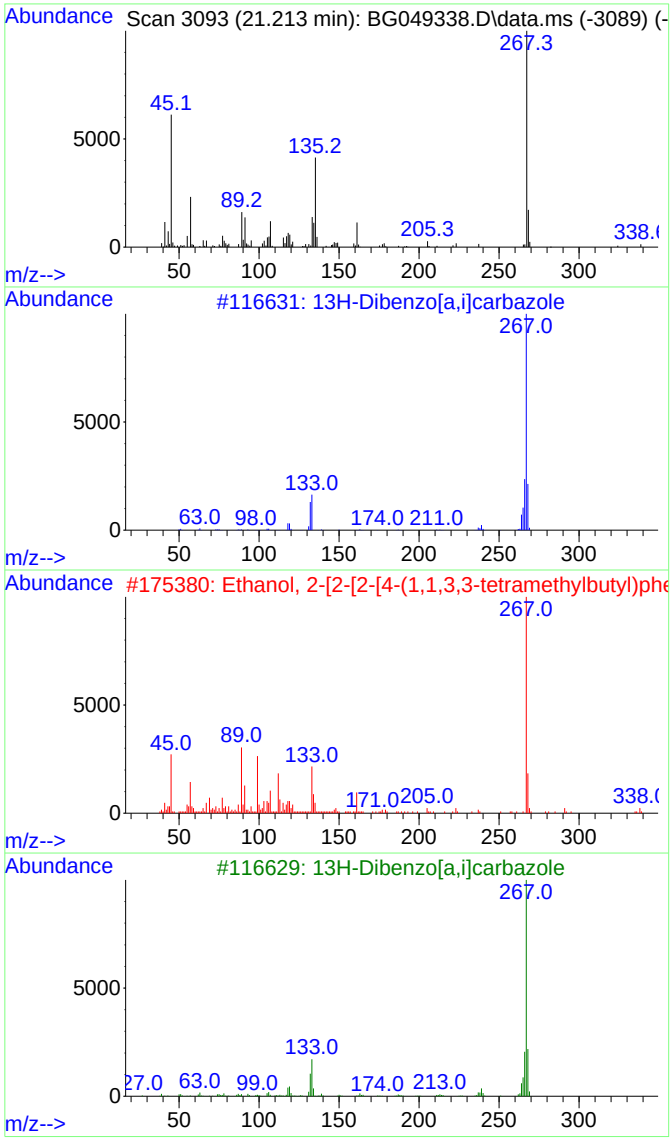
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

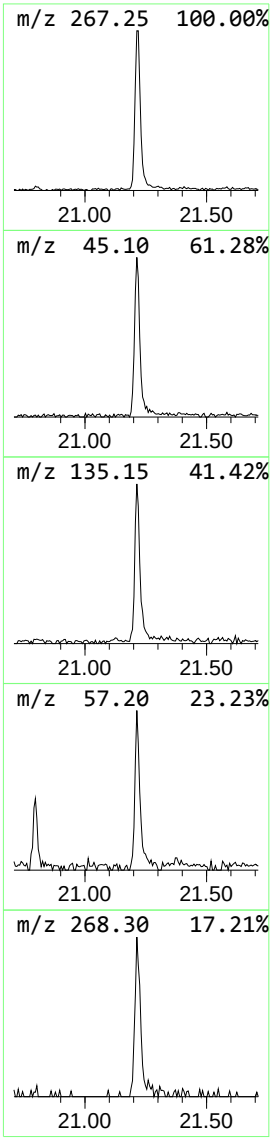
****

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	8.32 ng/ul	204802	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	43
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	41
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	38
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	37





Tentatively Identified Compound (LSC) summary

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Acq On : 14 Jul 2021 20:53
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Instrument : BNA_G
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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	9.8	ng/ul	229513	4	17.459	466389	20.0
unknown-01	19.540	11.3	ng/ul	262749	4	17.459	466389	20.0
Ethanol, 2-[2-[...	19.710	15.5	ng/ul	380887	5	21.742	492118	20.0
Hexadecanoic ac...	19.760	2.3	ng/ul	57478	5	21.742	492118	20.0
unknown-02	21.210	8.3	ng/ul	204802	5	21.742	492118	20.0