LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049353.D
Acq On : 15 Jul 2021 7:48
Operator : CG/JU
Sample : M2971-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE80

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: BG049353.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	6	11	21	rBV	56683	132679	17.17%	1.389%
2	3.187	21	25	36	rVB2	37187	70941	9.18%	0.743%
3	3.452	67	70	72	rBV3	6775	7662	0.99%	0.080%
4	3.881	140	143	158	rBV	67498	134003	17.35%	1.403%
5	4.216	195	200	205	rVV6	2384	5875	0.76%	0.062%
6	5.003	332	334	335	rBV2	1576	1317	0.17%	0.014%
7	5.162	359	361	362	rBV2	1762	1286	0.17%	0.013%
8	5.214	368	370	373	rBV3	1139	1412	0.18%	0.015%
9	5.303	383	385	388	rBV3	1366	1381	0.18%	0.014%
10	6.043	507	511	514	rBV2	1226	1459	0.19%	0.015%
11	6.284	550	552	555	rBV2	1272	1443	0.19%	0.015%
12	7.218	704	711	720	rVB	134225	234152	30.31%	2.452%
13	7.382	733	739	749	rBV2	79305	138228	17.89%	1.447%
14	7.594	767	775	786	rBV	123765	222485	28.80%	2.329%
15	7.676	786	789	791	rBV3	2367	2530	0.33%	0.026%
16	7.917	826	830	832	rBV2	1109	1524	0.20%	0.016%
17	8.064	849	855	861	rBV	106578	190906	24.71%	1.999%
18	8.123	863	865	868	rVB2	2779	2839	0.37%	0.030%
19	8.393	909	911	913	rBV	1273	1409	0.18%	0.015%
20	8.769	967	975	983	rBV	161384	287219	37.18%	3.007%
21	8.851	986	989	991	rBV	1160	1323	0.17%	0.014%
22	9.227	1047	1053	1061	rVB	121939	223310	28.91%	2.338%
23	9.374	1075	1078	1081	rBV2	1725	2301	0.30%	0.024%
24	9.462	1091	1093	1097	rBV	915	1340	0.17%	0.014%
25	9.956	1171	1177	1185	rVB	118217	210909	27.30%	2.208%
26	10.203	1216	1219	1223	rBV2	1064	1467	0.19%	0.015%
27	10.502	1262	1270	1280	rBV2	176283	314690	40.73%	3.295%
28	10.643	1289	1294	1304	rBV2	19901	37112	4.80%	0.389%
29	10.884	1328	1335	1344	rBV	152949	278650	36.07%	2.918%
30	11.019	1350	1358	1368	rBV	140957	266338	34.48%	2.789%
31	11.548	1446	1448	1455	rVB	1199	2301	0.30%	0.024%
32	12.477	1600	1606	1608	rVB3	3085	4708	0.61%	0.049%
33	13.058	1702	1705	1711	rVB2	1475	2567	0.33%	0.027%
34	13.311	1744	1748	1751	rBV2	2023	2902	0.38%	0.030%
35	13.546	1787	1788	1791	rVB	1519	1453	0.19%	0.015%
36	14.110	1877	1884	1890	rBV	294635	449897	58.24%	4.711%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

37	14.345	1920	1924	1925	rBV2	1637	1386	0.18%	0.015%
38	14.404	1927	1934	1944	rVB	320177	496859	64.31%	5.202%
39	14.486	1944	1948	1950	rBV	1745	1938	0.25%	0.020%
40	14.656	1974	1977	1979	rVV2	1022	1433	0.19%	0.015%
41	14.709	1979	1986	1994	rVB2	239776	385577	49.91%	4.037%
42	14.903	2013	2019	2032	rBV2	115674	209402	27.11%	2.192%
43	14.991	2032	2034	2036	rVB3	2134	1331	0.17%	0.014%
44	15.497	2114	2120	2123	rBV2	1226	2387	0.31%	0.025%
45	15.544	2126	2128	2130	rVB	2016	1293	0.17%	0.014%
46	15.702	2149	2155	2163	rVB	414145	609853	78.94%	6.385%
47	15.814	2168	2174	2185	rBV2	122792	192622	24.93%	2.017%
48	15.937	2192	2195	2202	rBV3	4123	6775	0.88%	0.071%
49	16.278	2251	2253	2258	rBV	1494	2102	0.27%	0.022%
50	16.337	2260	2263	2265	rVB	1712	1526	0.20%	0.016%
51	16.484	2282	2288	2291	rBV3	7128	10659	1.38%	0.112%
52	16.601	2304	2308	2309	rBV3	2430	2634	0.34%	0.028%
53	16.689	2317	2323	2325	rBV5	2243	3724	0.48%	0.039%
54	16.848	2346	2350	2352	rVB3	3043	3378	0.44%	0.035%
55	16.977	2370	2372	2377	rVB2	2006	2927	0.38%	0.031%
56	17.048	2381	2384	2388	rBV3	1743	1652	0.21%	0.017%
57	17.195	2404	2409	2413	rBV2	9162	14918	1.93%	0.156%
58	17.247	2415	2418	2421	rVB3	2136	2844	0.37%	0.030%
59	17.347	2433	2435	2438	rBV	1242	1557	0.20%	0.016%
60	17.459	2448	2454	2462	rBV	315814	461715	59.77%	4.834%
61	17.559	2463	2471	2478	rVB2	423554	647414	83.80%	6.779%
62	17.676	2489	2491	2494	rBV2	1853	2166	0.28%	0.023%
63	17.700	2494	2495	2498	rVB2	2029	1297	0.17%	0.014%
64	17.847	2516	2520	2523	rBV3	1569	2736	0.35%	0.029%
65	17.941	2531	2536	2537	rVB3	1761	1607	0.21%	0.017%
66	18.111	2562	2565	2571	rVV6	2557	4464	0.58%	0.047%
67	18.334	2599	2603	2612	rBV3	20783	32871	4.25%	0.344%
68	18.475	2626	2627	2630	rBV2	1658	1369	0.18%	0.014%
69	18.587	2644	2646	2649	rVB4	1181	1387	0.18%	0.015%
70	18.634	2652	2654	2657	rVV3	1981	1868	0.24%	0.020%
71	18.663	2657	2659	2663	rVB3	1588	1492	0.19%	0.016%
72	18.693	2663	2664	2667	rBV2	1690	1440	0.19%	0.015%
73	18.775	2674	2678	2683	rBV2	11345	17264	2.23%	0.181%
74	18.846	2688	2690	2694	rVB4	1980	1653	0.21%	0.017%
75	18.910	2698	2701	2704	rBV4	3352	3358	0.43%	0.035%
76	18.957	2707	2709	2712	rVB3	1738	1790	0.23%	0.019%

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77	19.010	2715	2718	2720	rBV4	1583	1930	0.25%	0.020%
78	19.104	2732	2734	2736	rBV	3086	2820	0.37%	0.030%
79	19.186	2744	2748	2749	rBV4	2189	2239	0.29%	0.023%
80	19.286	2764	2765	2767	rBV	2007	1433	0.19%	0.015%
81	19.351	2774	2776	2777	rBV	1492	1295	0.17%	0.014%
82	19.480	2795	2798	2802	rBV2	6717	8271	1.07%	0.087%
83	19.609	2817	2820	2823	rVB3	5535	4567	0.59%	0.048%
84	19.739	2837	2842	2843	rBV3	4907	6184	0.80%	0.065%
85	19.844	2854	2860	2869	rVB	527451	772546	100.00%	8.089%
86	20.073	2897	2899	2900	rBV2	1898	1399	0.18%	0.015%
87	20.103	2902	2904	2906	rBV2	3201	2387	0.31%	0.025%
88	20.320	2939	2941	2942	rBV2	2879	2768	0.36%	0.029%
89	20.332	2942	2943	2945	rBV2	4869	4721	0.61%	0.049%
90	20.508	2971	2973	2975	rBV3	3143	3141	0.41%	0.033%
91	20.820	3021	3026	3031	rBV	246932	294932	38.18%	3.088%
92	21.372	3115	3120	3126	rBV2	62501	101050	13.08%	1.058%
93	21.431	3127	3130	3135	rVB4	25953	34010	4.40%	0.356%
94	21.742	3177	3183	3191	rVB	304903	496389	64.25%	5.197%
95	22.565	3316	3323	3329	rBV8	24193	73009	9.45%	0.764%
96	24.086	3576	3582	3587	rBV6	18375	39139	5.07%	0.410%
97	24.139	3588	3591	3592	rBV3	9299	9175	1.19%	0.096%
98	24.803	3695	3704	3717	rVB	267657	745130	96.45%	7.802%
99	25.027	3732	3742	3759	rBV2	180261	553447	71.64%	5.795%
100	27.817	4215	4217	4218	rBV	4669	2189	0.28%	0.023%

Sum of corrected areas: 9550857

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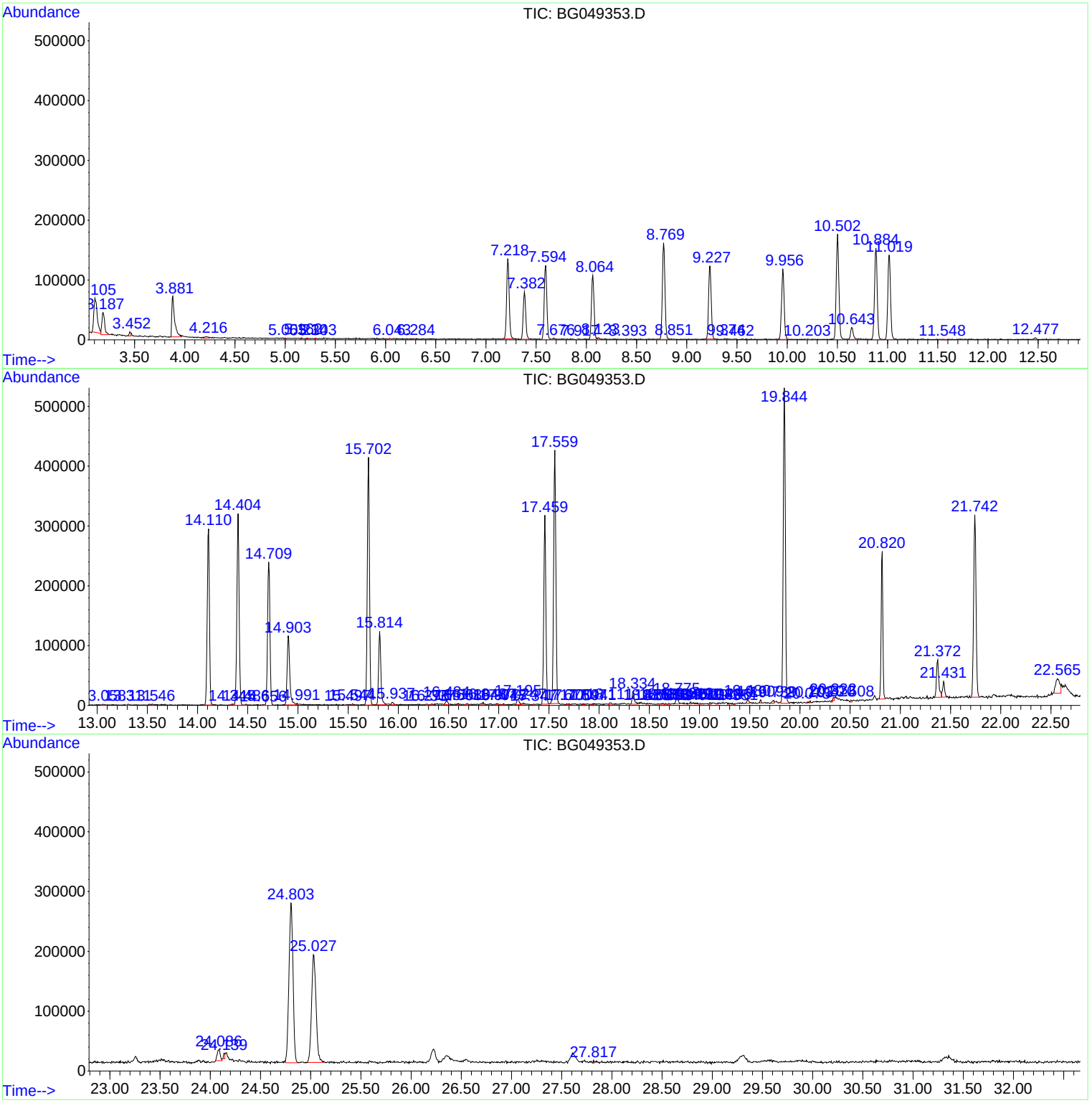
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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ClientSampleId :
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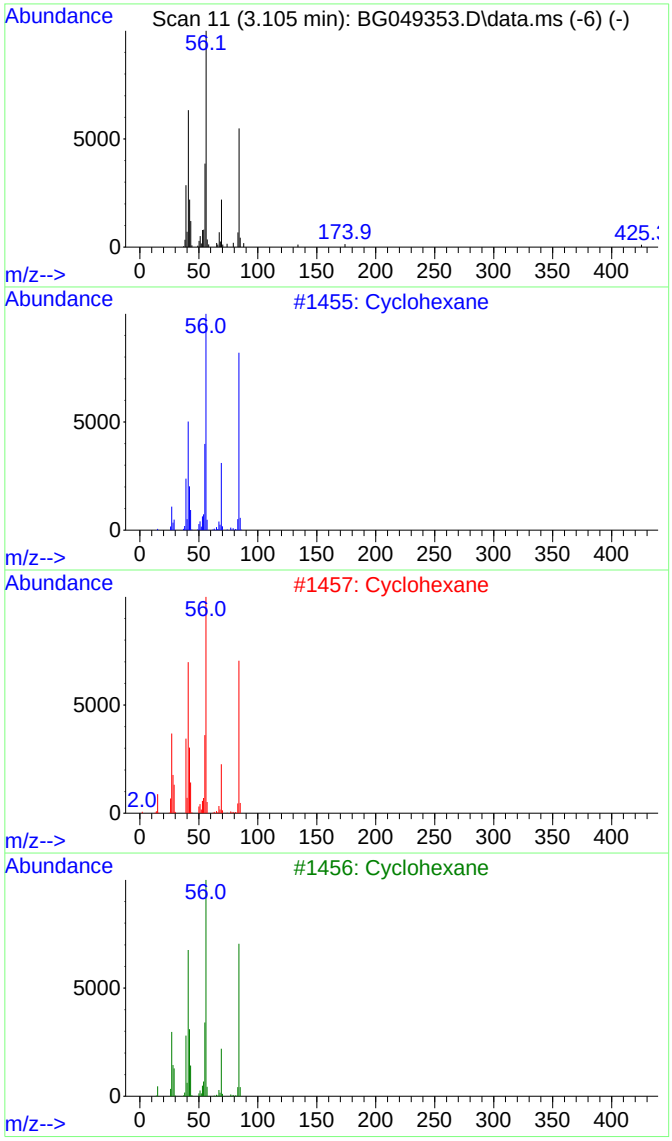
Quant Title : SVOA CALIBRATION

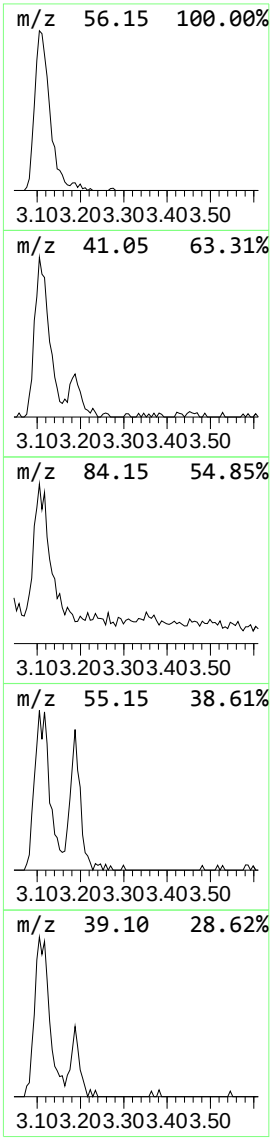
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	13.90 ng/ul	132679	1,4-Dichlorobenzene-d4	8.064

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	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	56





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Misc :
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Instrument : BNA_G
ClientSampleId : BGE80

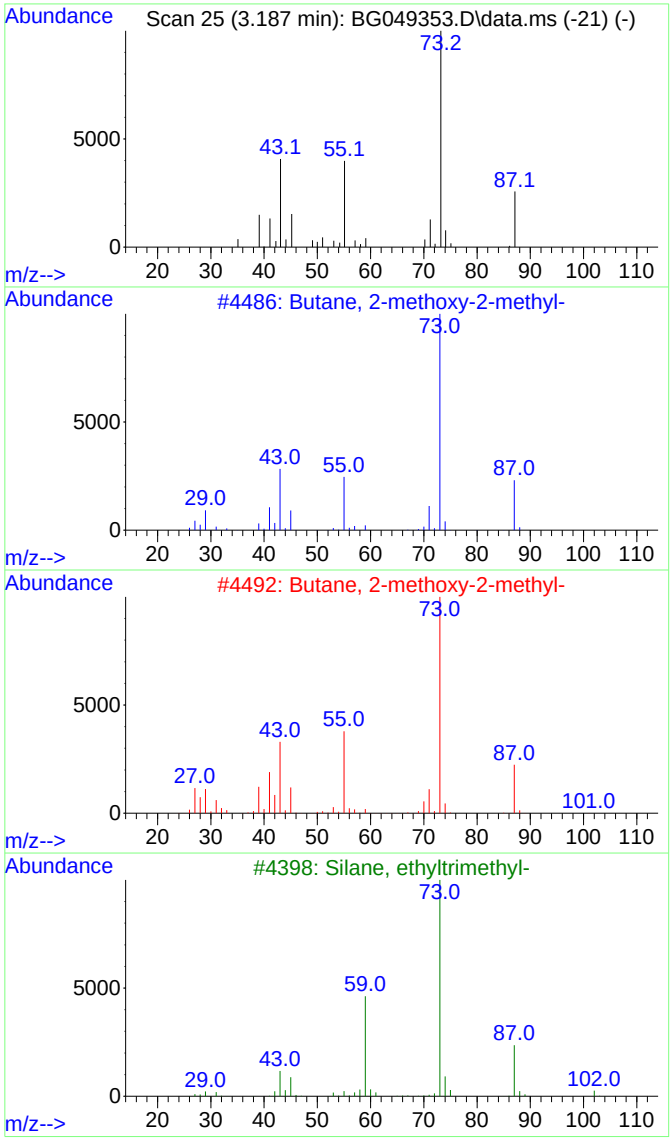
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

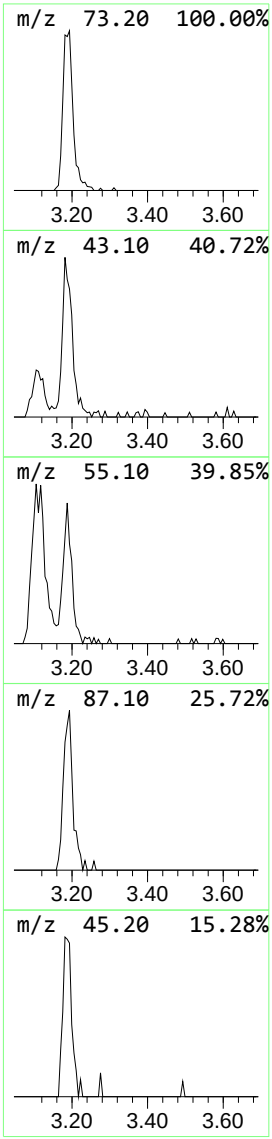
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	7.43 ng/ul	70941	1,4-Dichlorobenzene-d4	8.064

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	56
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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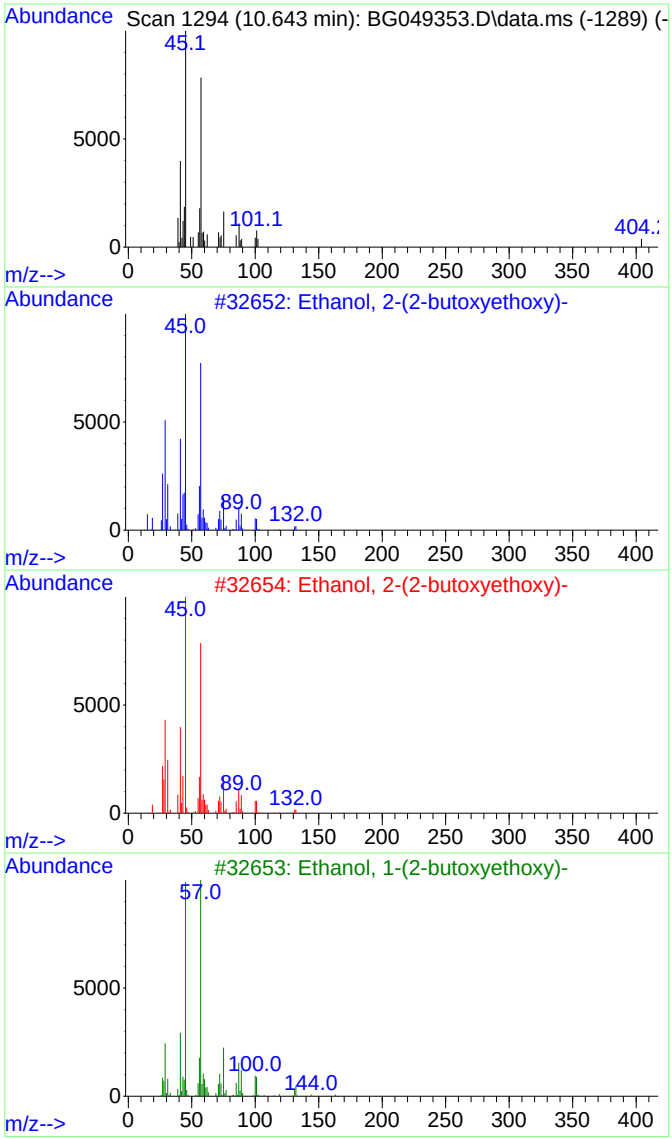
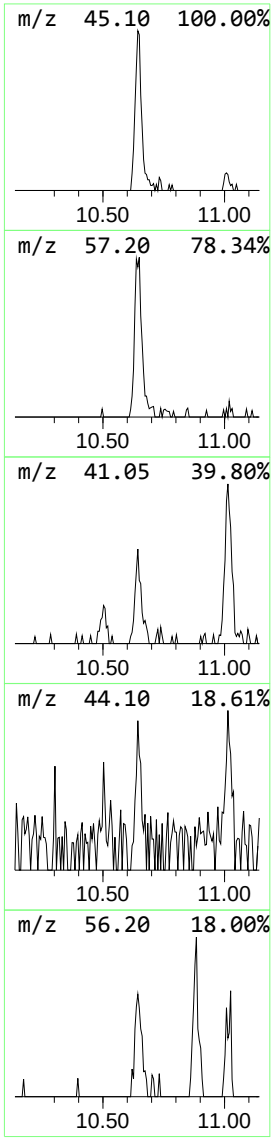
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	2.66 ng/ul	37112	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	45





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Quant Title : SVOA CALIBRATION

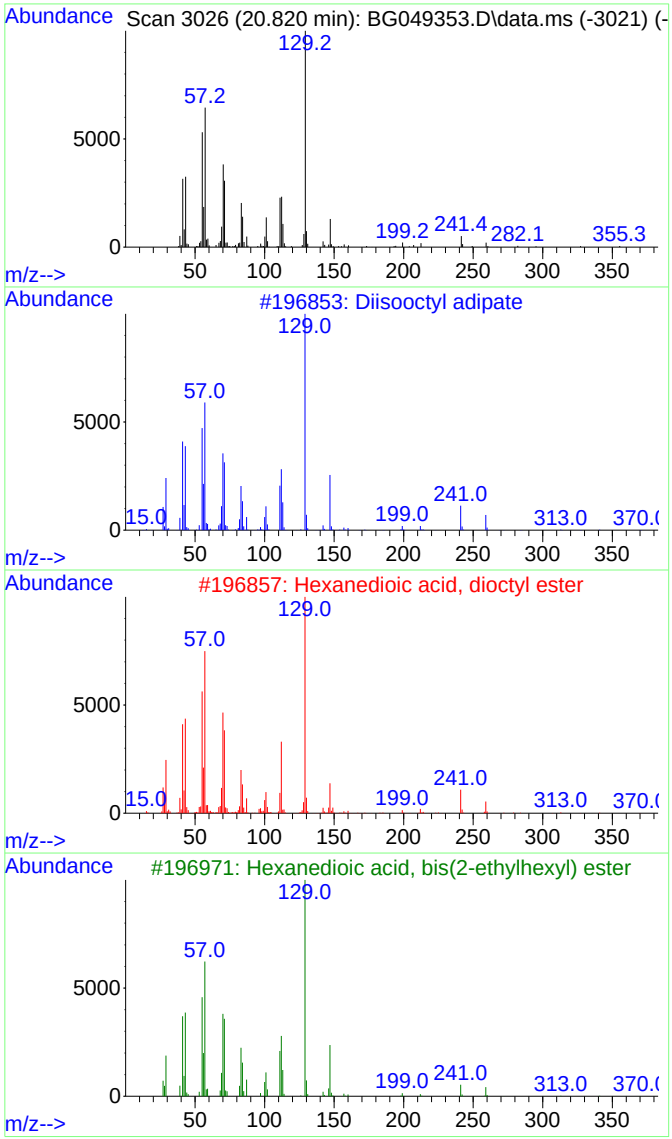
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

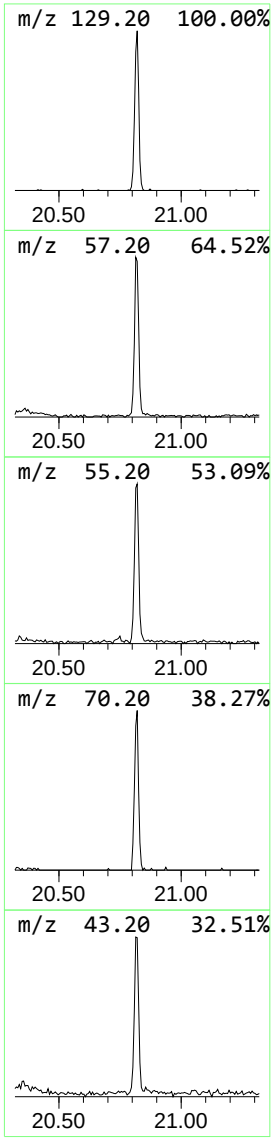
****

Peak Number 4 Diisooctyl adipate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	11.88 ng/ul	294932	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	59





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE80

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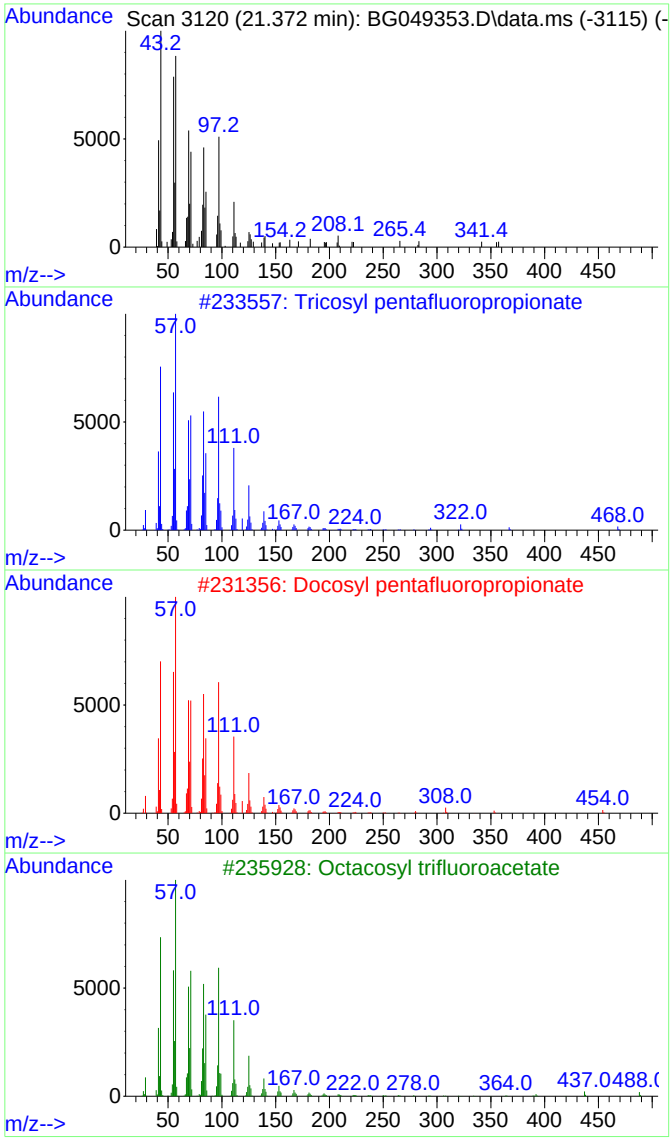
Quant Title : SVOA CALIBRATION

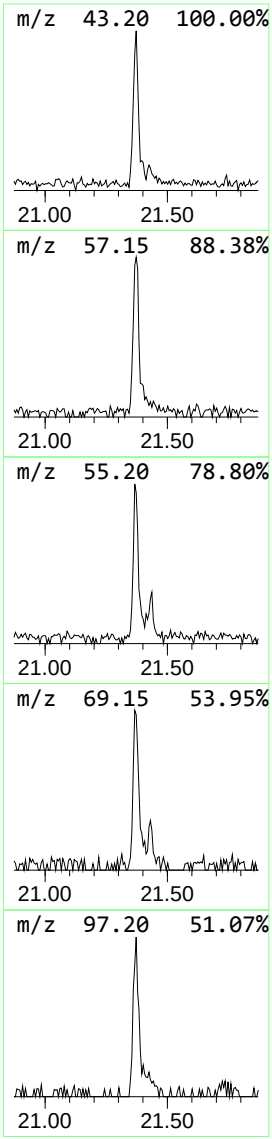
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tricosyl pentafluoropropionate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	4.07 ng/ul	101050	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049353.D
Acq On : 15 Jul 2021 7:48
Operator : CG/JU
Sample : M2971-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE80

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

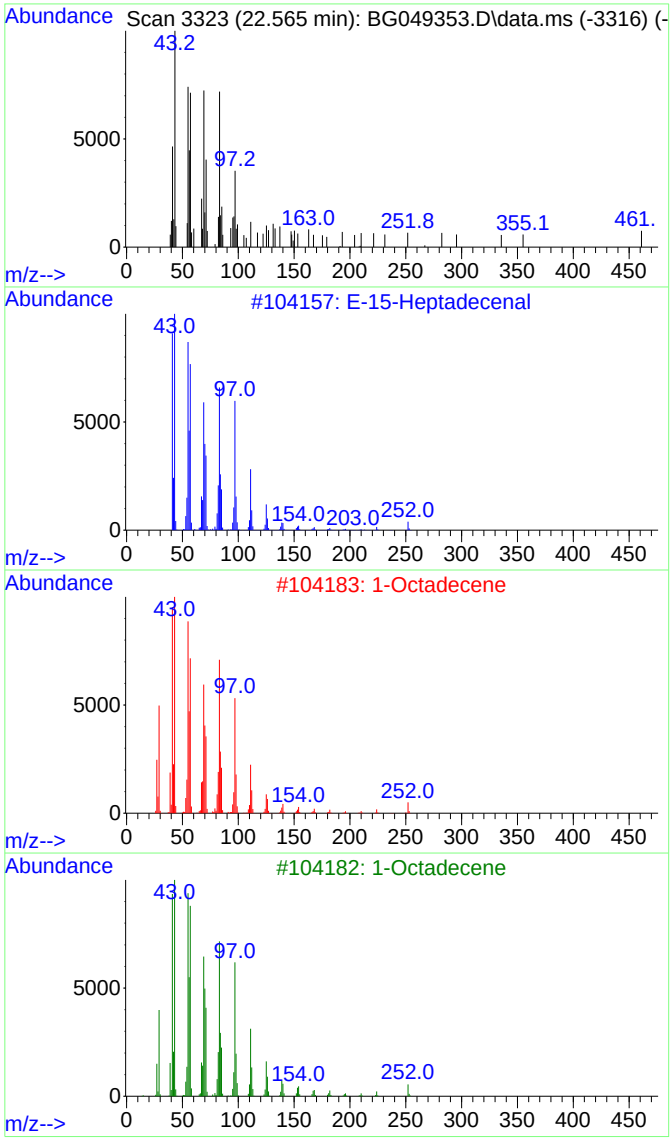
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

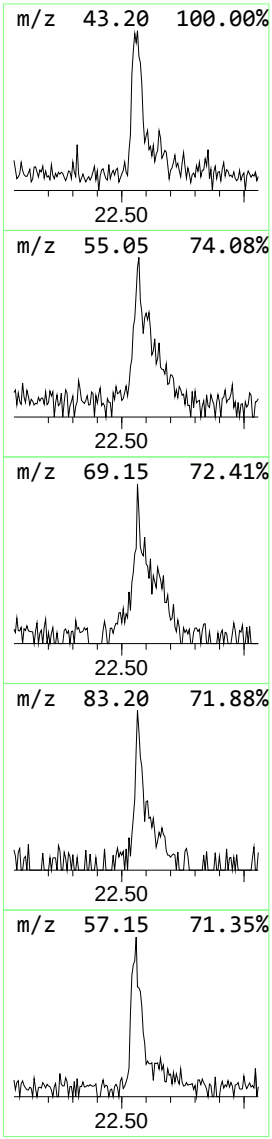
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.560	2.94 ng/ul	73009	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	70
2	1-Octadecene	252	C18H36	000112-88-9	58
3	1-Octadecene	252	C18H36	000112-88-9	53
4	E-7-Octadecene	252	C18H36	1000130-92-0	52
5	Dodecane, 4-cyclohexyl-	252	C18H36	013151-84-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049353.D
Acq On : 15 Jul 2021 7:48
Operator : CG/JU
Sample : M2971-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE80

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	13.9	ng/ul	132679	1	8.064	190906	20.0
Butane, 2-metho...	3.190	7.4	ng/ul	70941	1	8.064	190906	20.0
Ethanol, 2-(2-b...	10.640	2.7	ng/ul	37112	2	10.884	278650	20.0
Diisooctyl adipate	20.820	11.9	ng/ul	294932	5	21.742	496389	20.0
Tricosyl pentaf...	21.370	4.1	ng/ul	101050	5	21.742	496389	20.0
E-15-Heptadecenal	22.560	2.9	ng/ul	73009	5	21.742	496389	20.0