LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049345.D
Acq On : 15 Jul 2021 2:22
Operator : CG/JU
Sample : M2971-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE93

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: BG049345.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.108	6	12	21	rBV2	87678	206637	21.41%	1.741%
2	3.190	21	26	36	rVB	61639	111331	11.54%	0.938%
3	3.454	68	71	76	rBV4	8077	12900	1.34%	0.109%
4	3.748	119	121	123	rBV2	3343	3362	0.35%	0.028%
5	3.878	140	143	155	rBV	90920	175770	18.21%	1.481%
6	4.530	251	254	257	rBV3	1362	1948	0.20%	0.016%
7	4.594	262	265	266	rVB3	2131	2023	0.21%	0.017%
8	4.753	289	292	294	rBV3	1934	1919	0.20%	0.016%
9	4.806	300	301	304	rBV2	1426	1598	0.17%	0.013%
10	7.080	682	688	693	rBV6	1556	3881	0.40%	0.033%
11	7.221	705	712	721	rVB	164503	287834	29.82%	2.425%
12	7.385	732	740	749	rBV	98106	170786	17.70%	1.439%
13	7.532	760	765	769	rBV3	928	2329	0.24%	0.020%
14	7.591	769	775	783	rVV	145830	258727	26.81%	2.180%
15	8.067	848	856	862	rBV	113805	199301	20.65%	1.679%
16	8.120	862	865	871	rVB4	2860	4398	0.46%	0.037%
17	8.772	969	976	988	rVB	200034	352289	36.50%	2.968%
18	9.230	1047	1054	1062	rBV2	152758	278351	28.84%	2.345%
19	9.647	1122	1125	1126	rVB	2169	1900	0.20%	0.016%
20	9.959	1170	1178	1187	rVB2	146841	263786	27.33%	2.223%
21	10.505	1263	1271	1281	rBV	204438	368508	38.18%	3.105%
22	10.640	1289	1294	1302	rBV2	21041	39389	4.08%	0.332%
23	10.781	1315	1318	1321	rVB	1555	1748	0.18%	0.015%
24	10.881	1329	1335	1345	rVB	155670	280865	29.10%	2.367%
25	11.016	1350	1358	1366	rBV	163385	307415	31.85%	2.590%
26	12.467	1600	1605	1609	rBV	2939	4541	0.47%	0.038%
27	13.061	1703	1706	1712	rBV3	1882	2891	0.30%	0.024%
28	13.314	1745	1749	1752	rBV3	3339	4200	0.44%	0.035%
29	13.443	1767	1771	1774	rBV	916	1602	0.17%	0.013%
30	13.519	1780	1784	1787	rBV4	2006	2592	0.27%	0.022%
31	13.549	1787	1789	1793	rVB	2047	2342	0.24%	0.020%
32	13.607	1793	1799	1800	rBV2	1804	2682	0.28%	0.023%
33	13.795	1828	1831	1834	rBV	1747	1725	0.18%	0.015%
34	14.107	1878	1884	1891	rBV	353637	539956	55.95%	4.550%
35	14.348	1922	1925	1928	rBV2	2880	4329	0.45%	0.036%
36	14.406	1928	1935	1942	rVB	361255	593023	61.45%	4.997%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BGE93

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	14.489	1947	1949	1951	rVB	2656	1937	0.20%	0.016%
38	14.712	1980	1987	1994	rVB	250891	398500	41.29%	3.358%
39	14.906	2014	2020	2032	rBV2	136929	239750	24.84%	2.020%
40	15.117	2051	2056	2057	rBV2	1341	1883	0.20%	0.016%
41	15.546	2126	2129	2133	rVB4	2323	2674	0.28%	0.023%
42	15.705	2148	2156	2164	rVB	484558	732977	75.95%	6.176%
43	15.816	2169	2175	2184	rBV	138255	220918	22.89%	1.861%
44	15.946	2192	2197	2202	rVB4	5348	8571	0.89%	0.072%
45	16.057	2214	2216	2221	rVB2	1627	1926	0.20%	0.016%
46	16.386	2268	2272	2273	rBV3	1687	2153	0.22%	0.018%
47	16.480	2284	2288	2292	rBV5	7962	10206	1.06%	0.086%
48	16.586	2301	2306	2310	rVB4	3269	4073	0.42%	0.034%
49	16.680	2319	2322	2330	rVB3	3184	5409	0.56%	0.046%
50	16.745	2330	2333	2334	rBV2	2727	1758	0.18%	0.015%
51	16.804	2341	2343	2346	rBV2	1727	1784	0.18%	0.015%
52	16.839	2346	2349	2353	rVB3	5788	8057	0.83%	0.068%
53	16.909	2358	2361	2363	rBV3	2577	2800	0.29%	0.024%
54	16.980	2371	2373	2378	rVB4	2358	2281	0.24%	0.019%
55	17.191	2404	2409	2415	rBV4	11118	18642	1.93%	0.157%
56	17.250	2417	2419	2422	rVB3	2169	2228	0.23%	0.019%
57	17.462	2448	2455	2461	rBV	313030	479685	49.70%	4.042%
58	17.561	2463	2472	2483	rVV	520178	814798	84.43%	6.865%
59	17.638	2483	2485	2487	rVB2	2566	1646	0.17%	0.014%
60	17.691	2490	2494	2498	rBV2	2056	3627	0.38%	0.031%
61	17.879	2524	2526	2530	rVB3	2792	2385	0.25%	0.020%
62	17.920	2530	2533	2534	rBV2	1615	1863	0.19%	0.016%
63	17.973	2539	2542	2543	rBV2	1700	1718	0.18%	0.014%
64	18.114	2564	2566	2572	rVB4	3861	4626	0.48%	0.039%
65	18.167	2572	2575	2579	rBV2	2277	2554	0.26%	0.022%
66	18.237	2585	2587	2590	rBV4	1533	1708	0.18%	0.014%
67	18.337	2597	2604	2612	rBV2	31002	46400	4.81%	0.391%
68	18.413	2615	2617	2620	rVV3	5052	5576	0.58%	0.047%
69	18.455	2622	2624	2629	rVB5	4009	4095	0.42%	0.035%
70	18.502	2629	2632	2634	rBV2	2728	2882	0.30%	0.024%
71	18.678	2661	2662	2666	rBV4	2066	1929	0.20%	0.016%
72	18.725	2666	2670	2671	rBV3	1782	1983	0.21%	0.017%
73	18.778	2674	2679	2683	rBV2	20751	29647	3.07%	0.250%
74	18.936	2704	2706	2710	rVB3	3153	4175	0.43%	0.035%
75	19.007	2716	2718	2721	rBV2	1837	1997	0.21%	0.017%
76	19.136	2738	2740	2742	rVB3	1974	1785	0.18%	0.015%

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Instrument : BNA_G
ClientSampleId : BGE93

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.189	2747	2749	2750	rBV	2511	2298	0.24%	0.019%
78	19.277	2762	2764	2768	rVB4	6535	5804	0.60%	0.049%
79	19.330	2772	2773	2775	rBV2	2327	2040	0.21%	0.017%
80	19.412	2784	2787	2795	rVB4	5939	7489	0.78%	0.063%
81	19.483	2795	2799	2802	rBV2	6828	9631	1.00%	0.081%
82	19.606	2814	2820	2823	rBV4	6746	10020	1.04%	0.084%
83	19.659	2827	2829	2833	rBV3	1720	1872	0.19%	0.016%
84	19.847	2855	2861	2867	rBV	620192	902106	93.47%	7.601%
85	19.953	2877	2879	2884	rBV4	1945	2890	0.30%	0.024%
86	20.123	2906	2908	2909	rVB	3090	1639	0.17%	0.014%
87	20.141	2909	2911	2913	rBV3	2434	2168	0.22%	0.018%
88	20.746	3011	3014	3018	rVB4	10592	9314	0.97%	0.078%
89	20.816	3021	3026	3031	rBV	815403	965095	100.00%	8.132%
90	21.010	3055	3059	3064	rBV5	14831	24215	2.51%	0.204%
91	21.369	3115	3120	3127	rBV	97898	160438	16.62%	1.352%
92	21.433	3128	3131	3139	rVB9	25075	38936	4.03%	0.328%
93	21.492	3139	3141	3145	rBV5	4646	5005	0.52%	0.042%
94	21.745	3177	3184	3190	rBV	307769	519854	53.87%	4.380%
95	21.933	3214	3216	3219	rBV4	6196	4642	0.48%	0.039%
96	22.556	3318	3322	3329	rBV6	19173	43897	4.55%	0.370%
97	24.089	3576	3583	3589	rBV4	24542	58726	6.08%	0.495%
98	24.806	3695	3705	3718	rVB2	329226	919589	95.28%	7.748%
99	25.035	3735	3744	3760	rVB3	195931	587920	60.92%	4.954%

Sum of corrected areas: 11868072

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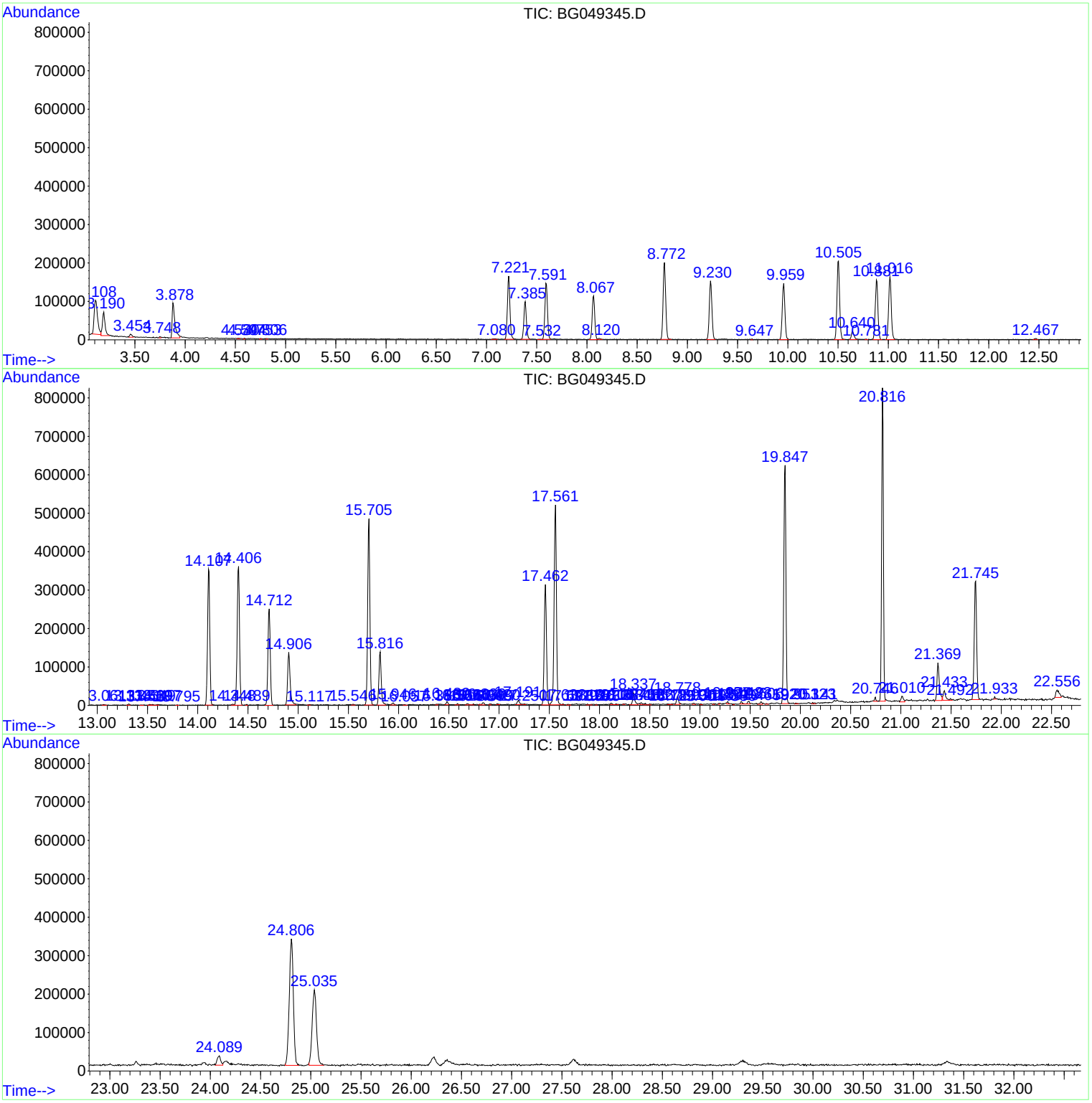
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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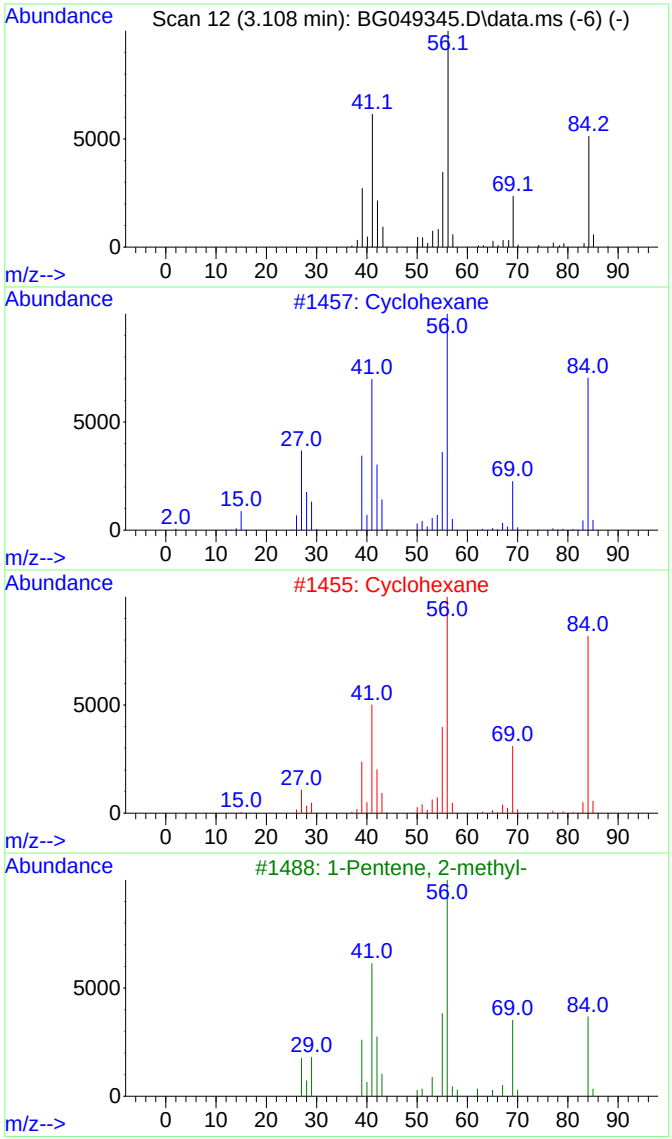
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

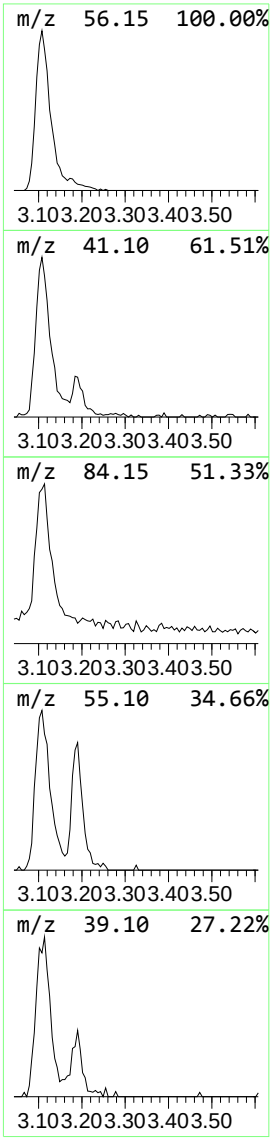
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	20.74 ng/ul	206637	1,4-Dichlorobenzene-d4	8.067

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	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
4	Cyclohexane	84	C6H12	000110-82-7	90
5	Cyclohexane	84	C6H12	000110-82-7	86





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Instrument : BNA_G
ClientSampleId : BGE93

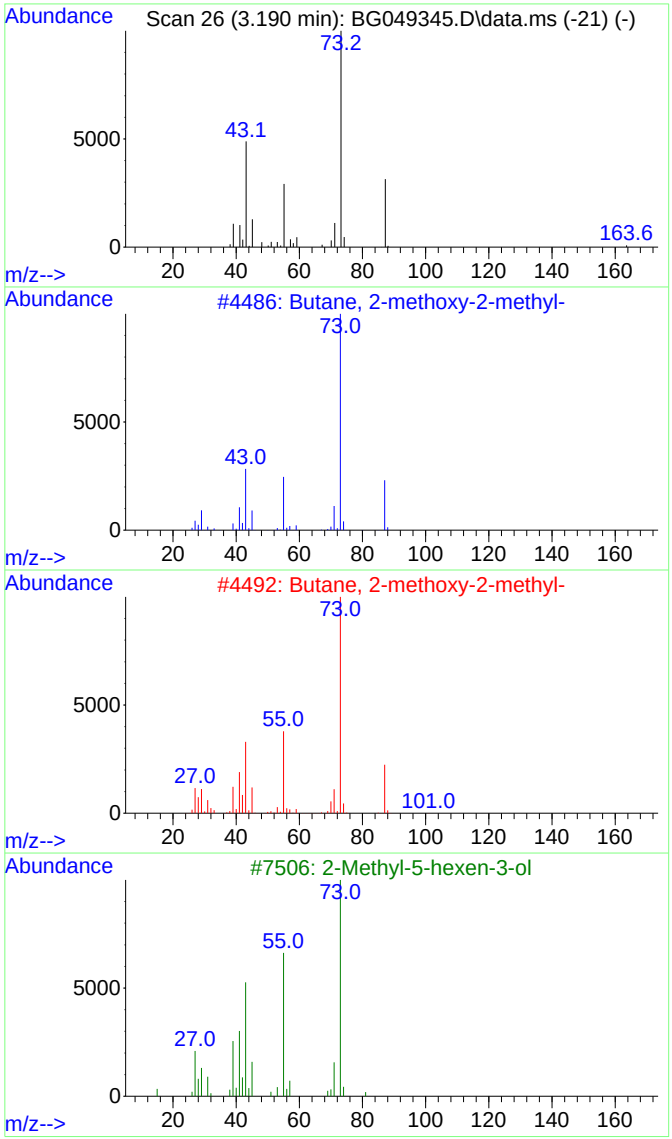
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

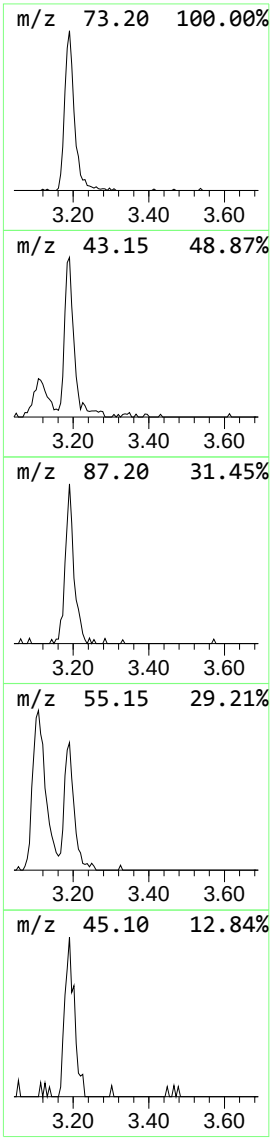
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	11.17 ng/ul	111331	1,4-Dichlorobenzene-d4	8.067

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17





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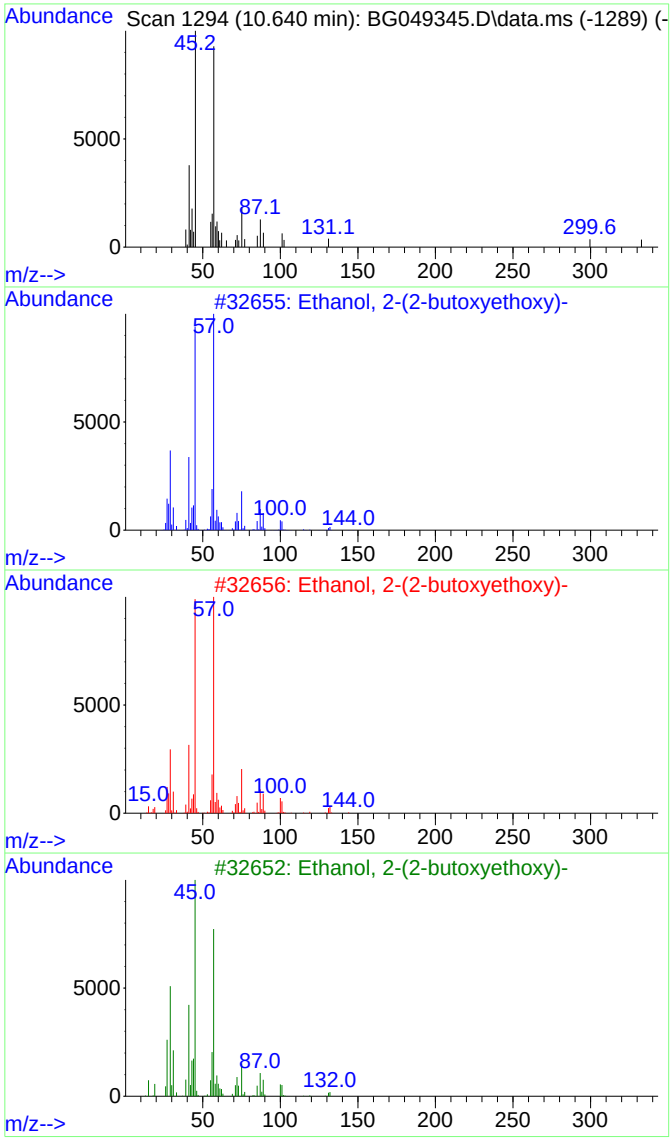
Quant Title : SVOA CALIBRATION

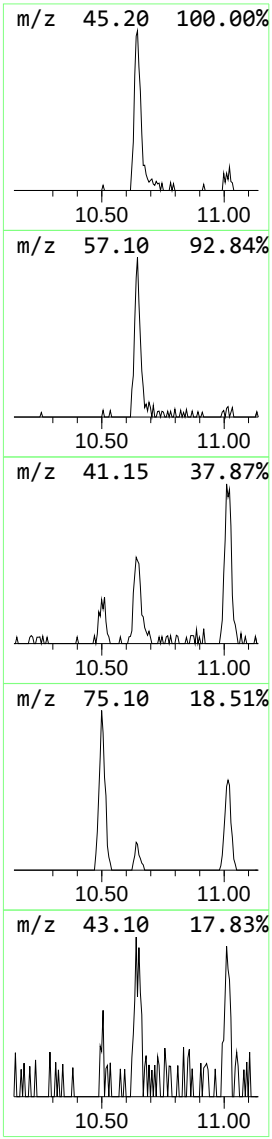
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	2.80 ng/ul	39389	Naphthalene-d8	10.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50





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Quant Title : SVOA CALIBRATION

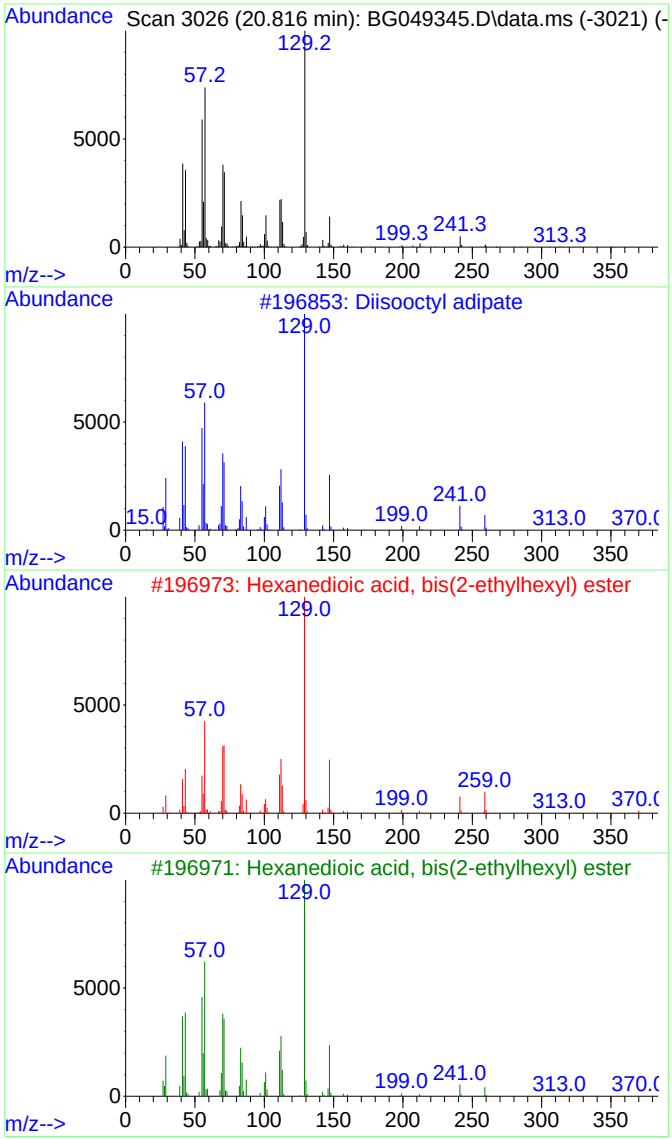
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

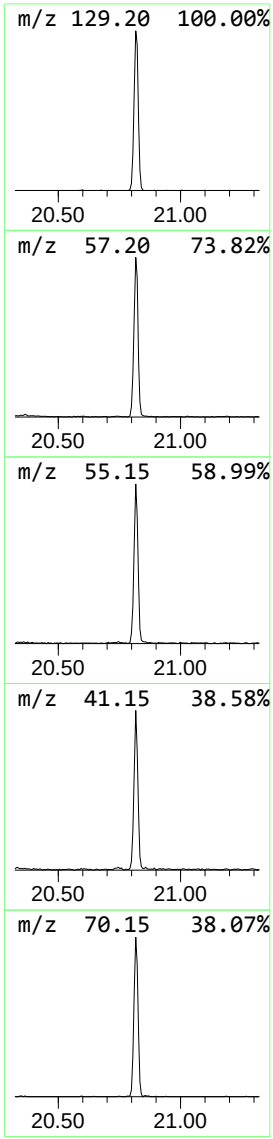
****

Peak Number 4 Diisooctyl adipate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	37.13 ng/ul	965095	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62





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Sample : M2971-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE93

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

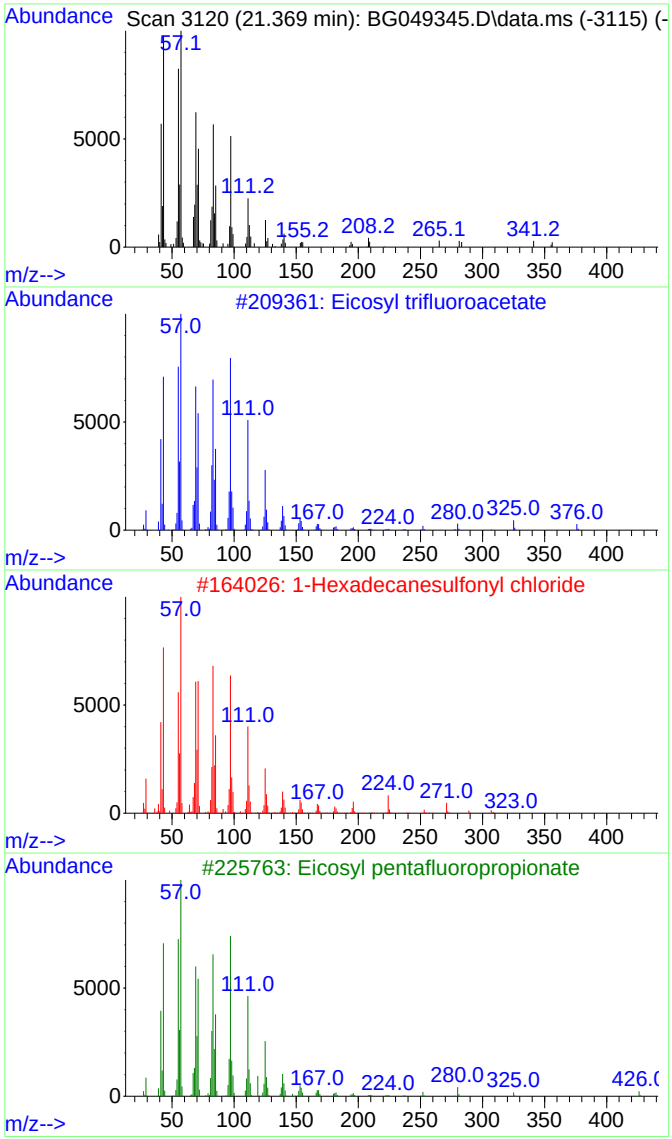
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

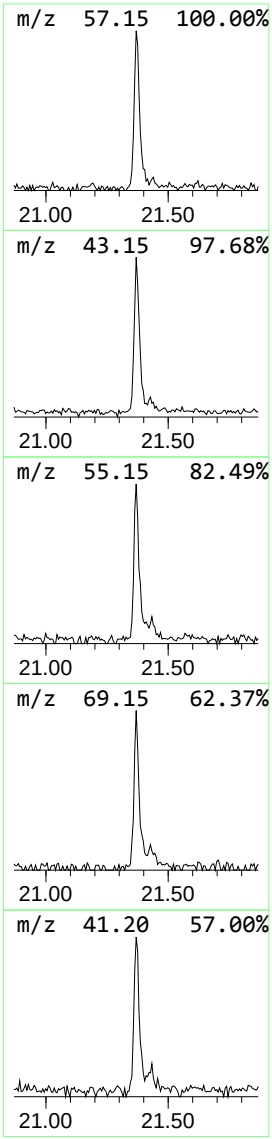
****

Peak Number 5 Eicosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	6.17 ng/ul	160438	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049345.D
Acq On : 15 Jul 2021 2:22
Operator : CG/JU
Sample : M2971-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE93

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	20.7	ng/ul	206637	1	8.067	199301	20.0
Butane, 2-metho...	3.190	11.2	ng/ul	111331	1	8.067	199301	20.0
Ethanol, 2-(2-b...	10.640	2.8	ng/ul	39389	2	10.881	280865	20.0
Diisooctyl adipate	20.820	37.1	ng/ul	965095	5	21.745	519854	20.0
Eicosyl trifluo...	21.370	6.2	ng/ul	160438	5	21.745	519854	20.0