LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049351.D
Acq On : 15 Jul 2021 6:27
Operator : CG/JU
Sample : M2971-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE83

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: BG049351.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.108	5	12	21	rBV2	62613	151500	18.37%	1.468%
2	3.185	21	25	38	rVB	40072	76099	9.23%	0.738%
3	3.455	68	71	81	rVB3	6438	12463	1.51%	0.121%
4	3.614	96	98	104	rVB4	1721	2692	0.33%	0.026%
5	3.878	140	143	158	rBV	78476	155467	18.85%	1.507%
6	4.219	195	201	205	rBV3	2061	4086	0.50%	0.040%
7	4.442	237	239	244	rBV3	1441	2129	0.26%	0.021%
8	4.959	324	327	329	rBV2	1483	1513	0.18%	0.015%
9	4.994	331	333	336	rVB2	1867	1719	0.21%	0.017%
10	5.335	387	391	392	rBV3	1589	2216	0.27%	0.021%
11	5.406	401	403	407	rVB4	1586	1461	0.18%	0.014%
12	6.986	667	672	676	rBV2	2046	2598	0.31%	0.025%
13	7.221	705	712	725	rVB	133922	241378	29.26%	2.340%
14	7.386	731	740	747	rBV2	78465	138546	16.80%	1.343%
15	7.591	769	775	783	rBV	126687	223084	27.05%	2.162%
16	8.061	848	855	862	rBV	122157	213118	25.84%	2.066%
17	8.120	862	865	869	rVB3	2263	2817	0.34%	0.027%
18	8.766	969	975	983	rBV	159991	282168	34.21%	2.735%
19	9.231	1047	1054	1061	rBV2	126153	222220	26.94%	2.154%
20	9.389	1077	1081	1082	rBV2	1864	2009	0.24%	0.019%
21	9.636	1118	1123	1125	rBV2	1284	1799	0.22%	0.017%
22	9.953	1170	1177	1186	rBV	115829	213976	25.94%	2.074%
23	10.388	1249	1251	1256	rVB	1150	1611	0.20%	0.016%
24	10.500	1264	1270	1281	rBV	166239	309604	37.54%	3.001%
25	10.647	1287	1295	1301	rBV	21129	37379	4.53%	0.362%
26	10.882	1328	1335	1342	rBV2	162714	301729	36.58%	2.925%
27	11.017	1351	1358	1366	rBV	142884	272434	33.03%	2.641%
28	12.468	1601	1605	1610	rVB3	3162	4495	0.54%	0.044%
29	13.526	1781	1785	1787	rBV2	1001	1691	0.21%	0.016%
30	13.602	1794	1798	1802	rVB2	1163	2143	0.26%	0.021%
31	14.107	1876	1884	1891	rBV	315364	462837	56.11%	4.486%
32	14.342	1920	1924	1925	rVV2	2395	2276	0.28%	0.022%
33	14.401	1928	1934	1942	rVB	312839	508702	61.67%	4.931%
34	14.483	1947	1948	1951	rVV	2101	1865	0.23%	0.018%
35	14.519	1951	1954	1958	rVV2	1032	1577	0.19%	0.015%
36	14.577	1958	1964	1967	rVV	872	1411	0.17%	0.014%

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Misc :
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Instrument : BNA_G
ClientSampleId : BGE83

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	14.712	1980	1987	1993	rBV	267069	428971	52.01%	4.158%
38	14.906	2013	2020	2031	rBV2	112562	200745	24.34%	1.946%
39	14.983	2031	2033	2035	rVB2	2081	1699	0.21%	0.016%
40	15.417	2104	2107	2110	rBV	1311	2137	0.26%	0.021%
41	15.541	2126	2128	2132	rVB	1317	1458	0.18%	0.014%
42	15.699	2149	2155	2164	rVB	403852	616568	74.75%	5.976%
43	15.811	2169	2174	2185	rVV	105306	172187	20.88%	1.669%
44	15.887	2185	2187	2190	rVV2	1972	2365	0.29%	0.023%
45	15.946	2192	2197	2200	rBV2	4373	6791	0.82%	0.066%
46	16.258	2248	2250	2254	rBV	1764	1704	0.21%	0.017%
47	16.293	2254	2256	2259	rVB	1604	1593	0.19%	0.015%
48	16.334	2259	2263	2266	rBV	1844	2226	0.27%	0.022%
49	16.369	2266	2269	2273	rBV2	2076	3382	0.41%	0.033%
50	16.405	2273	2275	2279	rVB3	1659	2009	0.24%	0.019%
51	16.481	2284	2288	2292	rVB3	7178	10373	1.26%	0.101%
52	16.510	2292	2293	2295	rBV	2246	1470	0.18%	0.014%
53	16.575	2302	2304	2306	rBV2	1791	1675	0.20%	0.016%
54	16.628	2312	2313	2317	rBV2	1299	1464	0.18%	0.014%
55	16.681	2319	2322	2327	rVV5	3575	4735	0.57%	0.046%
56	16.739	2330	2332	2335	rBV2	1592	2030	0.25%	0.020%
57	16.839	2346	2349	2353	rVB4	4443	5611	0.68%	0.054%
58	16.910	2357	2361	2364	rVB3	2088	2479	0.30%	0.024%
59	16.980	2370	2373	2375	rBV2	1467	1768	0.21%	0.017%
60	17.080	2388	2390	2392	rBV	1268	1436	0.17%	0.014%
61	17.139	2396	2400	2401	rVV	1722	1731	0.21%	0.017%
62	17.192	2405	2409	2414	rVV3	8250	14907	1.81%	0.144%
63	17.245	2417	2418	2423	rVV3	3061	3486	0.42%	0.034%
64	17.309	2427	2429	2433	rVB2	1710	1655	0.20%	0.016%
65	17.350	2433	2436	2439	rBV2	2158	2479	0.30%	0.024%
66	17.456	2448	2454	2461	rVB	345818	531696	64.46%	5.154%
67	17.556	2461	2471	2481	rBV2	448474	694186	84.16%	6.729%
68	17.779	2508	2509	2513	rVB4	1961	1908	0.23%	0.018%
69	17.850	2516	2521	2522	rVV3	1181	1580	0.19%	0.015%
70	18.120	2560	2567	2569	rBV4	3983	7506	0.91%	0.073%
71	18.161	2572	2574	2577	rBV3	2691	2320	0.28%	0.022%
72	18.232	2585	2586	2588	rBV	1700	1608	0.19%	0.016%
73	18.338	2600	2604	2611	rBV4	20772	27484	3.33%	0.266%
74	18.620	2650	2652	2654	rBV2	1650	1859	0.23%	0.018%
75	18.702	2665	2666	2669	rBV2	1555	1779	0.22%	0.017%
76	18.819	2684	2686	2688	rBV	1501	1564	0.19%	0.015%

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Misc :
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Instrument : BNA_G
ClientSampleId : BGE83

Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

77	18.907	2699	2701	2702	rBV2	3187	1910	0.23%	0.019%
78	19.007	2715	2718	2720	rBV2	1102	1511	0.18%	0.015%
79	19.113	2732	2736	2737	rBV3	2157	2762	0.33%	0.027%
80	19.201	2747	2751	2752	rVB4	2872	3073	0.37%	0.030%
81	19.236	2754	2757	2758	rVB2	2589	2174	0.26%	0.021%
82	19.254	2758	2760	2764	rBV3	2210	3521	0.43%	0.034%
83	19.319	2770	2771	2774	rVB2	1820	1451	0.18%	0.014%
84	19.483	2793	2799	2802	rBV2	5256	9865	1.20%	0.096%
85	19.613	2817	2821	2824	rBV4	5032	5906	0.72%	0.057%
86	19.730	2838	2841	2844	rBV4	5022	7270	0.88%	0.070%
87	19.842	2854	2860	2868	rVV	555878	806519	97.78%	7.818%
88	20.000	2886	2887	2890	rBV3	3079	2446	0.30%	0.024%
89	20.088	2900	2902	2905	rVB4	2764	2341	0.28%	0.023%
90	20.329	2941	2943	2944	rBV2	2612	1603	0.19%	0.016%
91	20.741	3011	3013	3015	rBV2	7499	5914	0.72%	0.057%
92	20.817	3023	3026	3029	rVB2	21436	22631	2.74%	0.219%
93	20.952	3045	3049	3054	rVB6	24174	34413	4.17%	0.334%
94	21.099	3069	3074	3079	rVB2	103414	142791	17.31%	1.384%
95	21.264	3098	3102	3107	rVB6	22779	29604	3.59%	0.287%
96	21.369	3115	3120	3125	rBV3	45644	75802	9.19%	0.735%
97	21.428	3125	3130	3136	rVB2	316770	483579	58.63%	4.687%
98	21.739	3177	3183	3190	rVB	346495	571296	69.26%	5.538%
99	24.806	3693	3705	3717	rVB	293575	824830	100.00%	7.995%
100	25.030	3734	3743	3758	rBV2	214719	634103	76.88%	6.146%

Sum of corrected areas: 10316751

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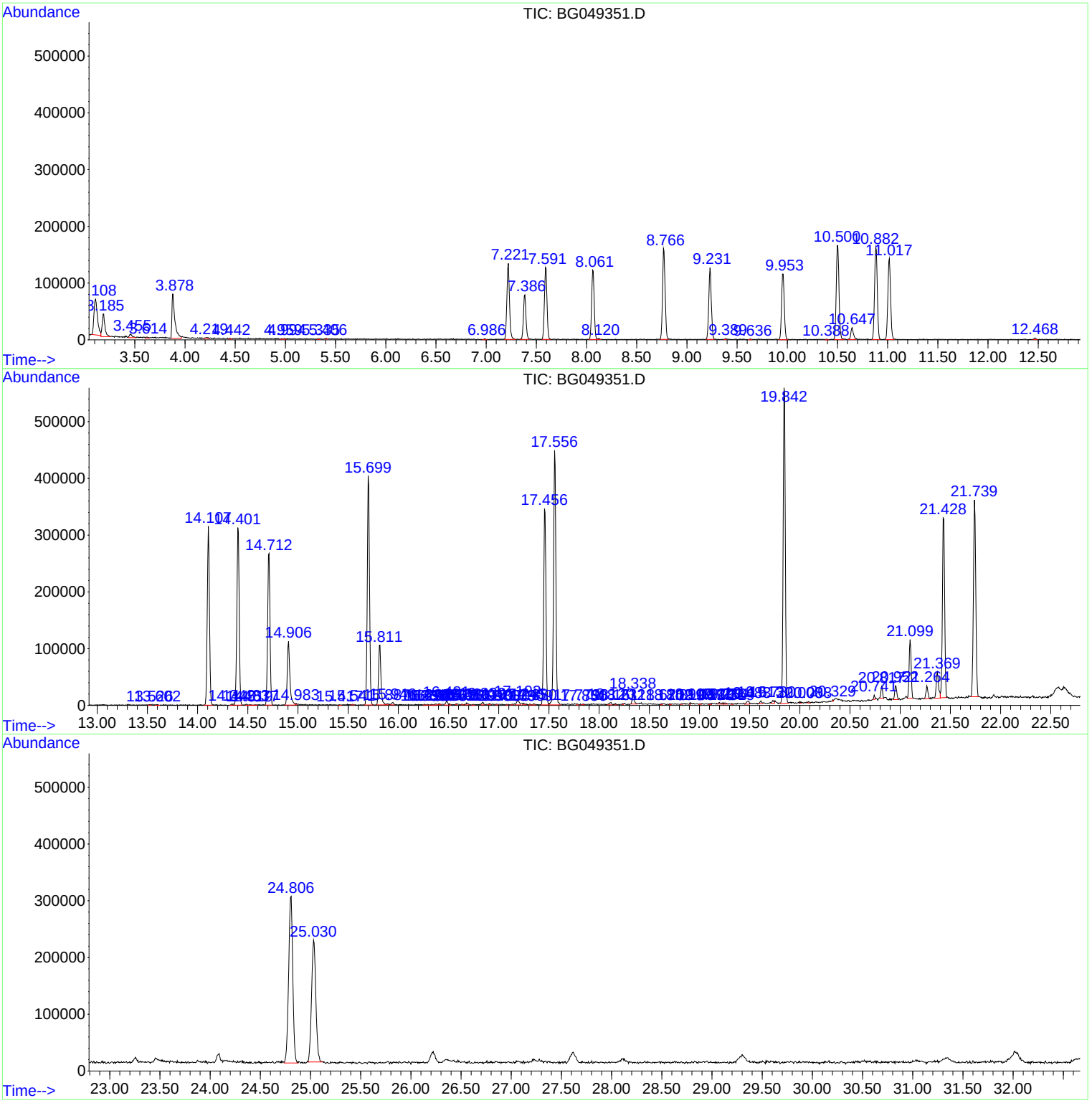
Instrument :
BNA_G
ClientSampleId :
BGE83

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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Instrument : BNA_G
ClientSampleId : BGE83

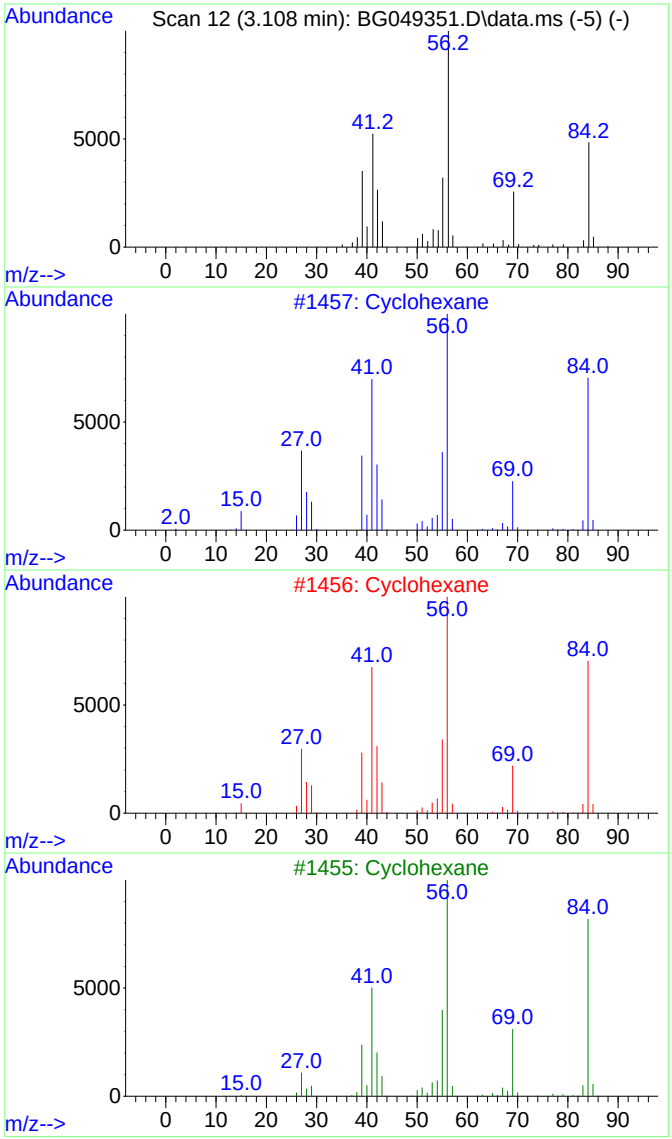
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

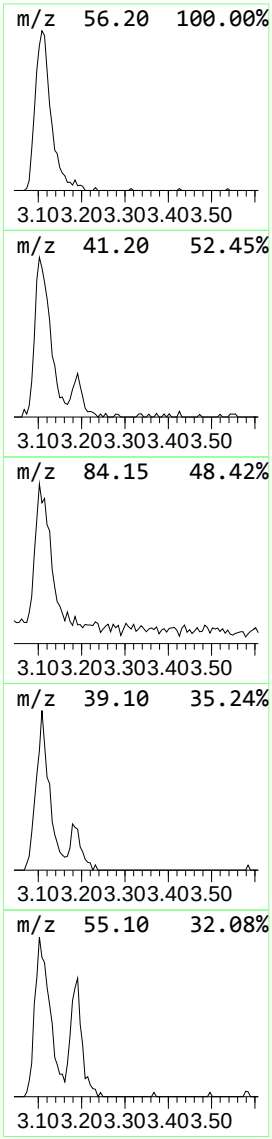
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	14.22 ng/ul	151500	1,4-Dichlorobenzene-d4	8.061

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	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	90
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049351.D
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Sample : M2971-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE83

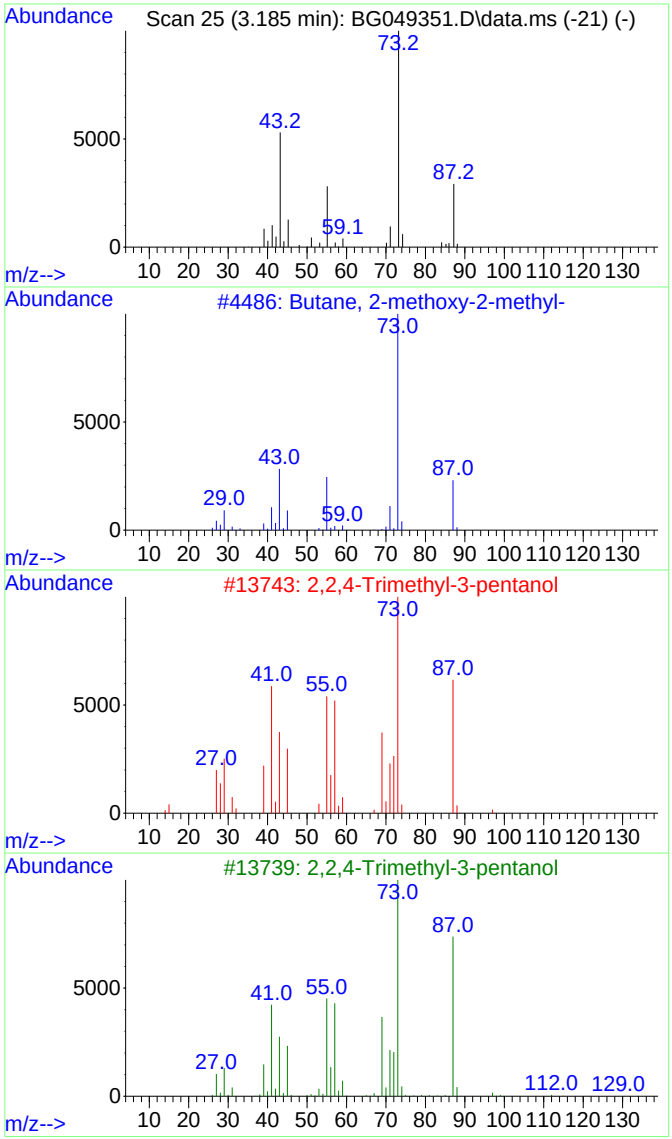
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

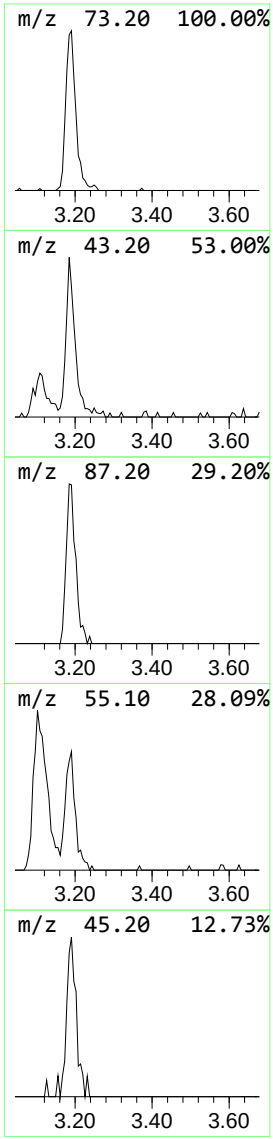
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	7.14 ng/ul	76099	1,4-Dichlorobenzene-d4	8.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	17





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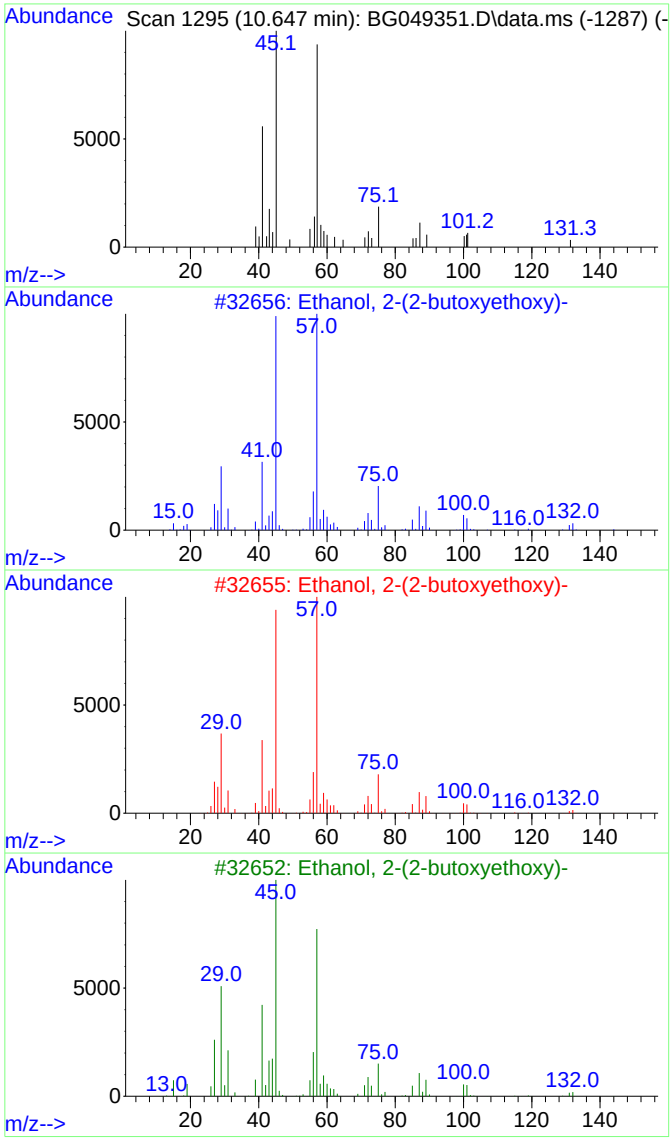
Quant Title : SVOA CALIBRATION

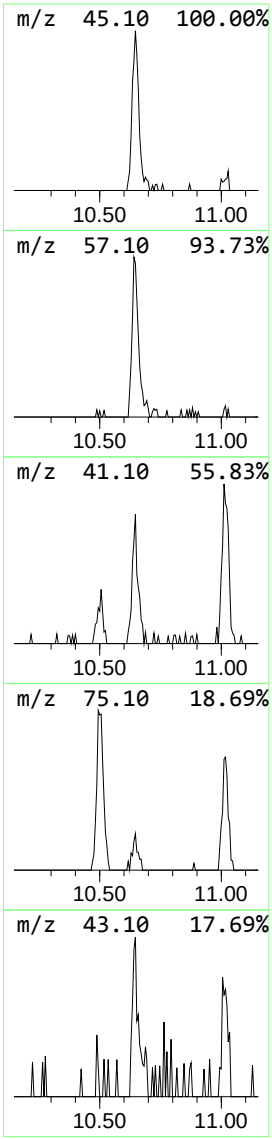
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	2.48 ng/ul	37379	Naphthalene-d8	10.887

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	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	45





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

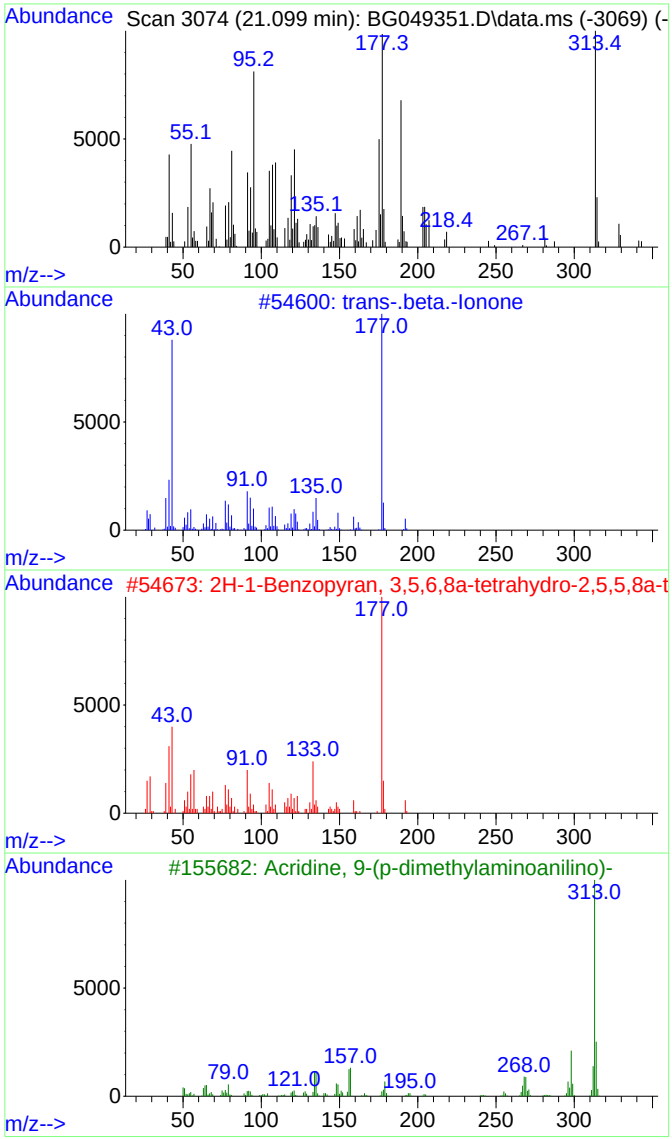
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

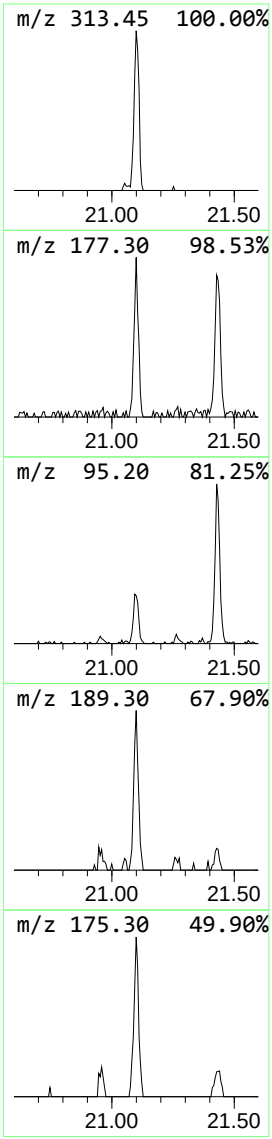
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.100	5.00 ng/ul	142791	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ionone	192	C13H20O	000079-77-6	14
2	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-29-9	14
3	Acridine, 9-(p-dimethylaminoanil...	313	C21H19N3	013365-38-3	11
4	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	11
5	Fumaric acid, ethyl 2,2,3,3,4,4,...	358	C11H10F8O4	1000348-77-8	10





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Instrument : BNA_G
ClientSampleId : BGE83

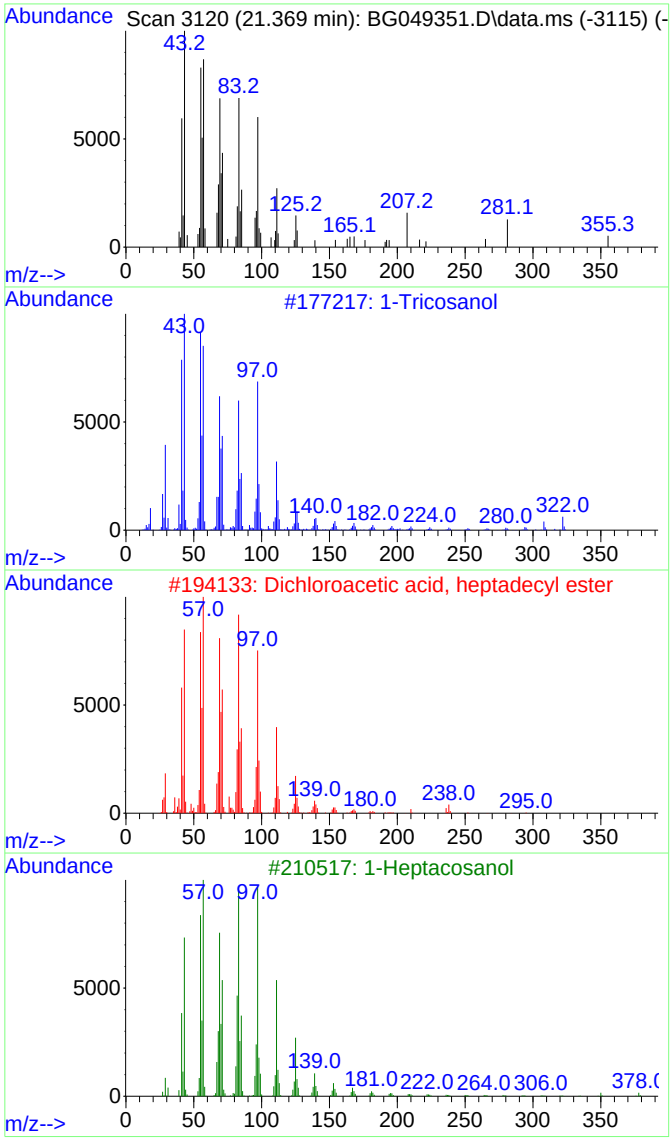
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

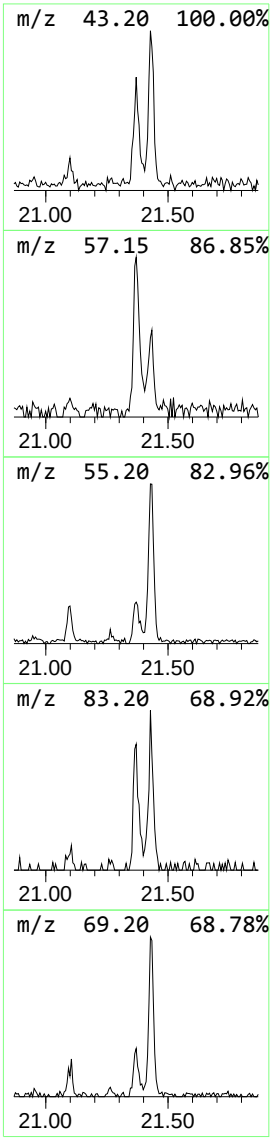
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Tricosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	2.65 ng/ul	75802	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosanol	340	C23H48O	003133-01-5	83
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	80
3	1-Heptacosanol	396	C27H56O	002004-39-9	74
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	72
5	Behenic alcohol	326	C22H46O	000661-19-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049351.D
Acq On : 15 Jul 2021 6:27
Operator : CG/JU
Sample : M2971-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE83

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

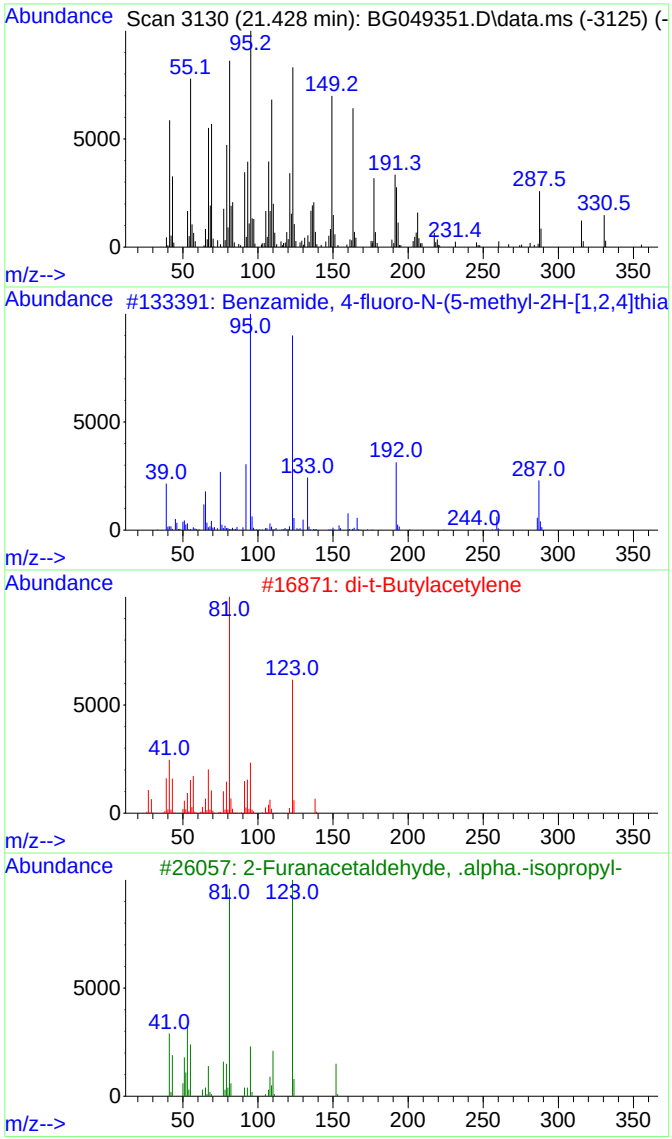
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

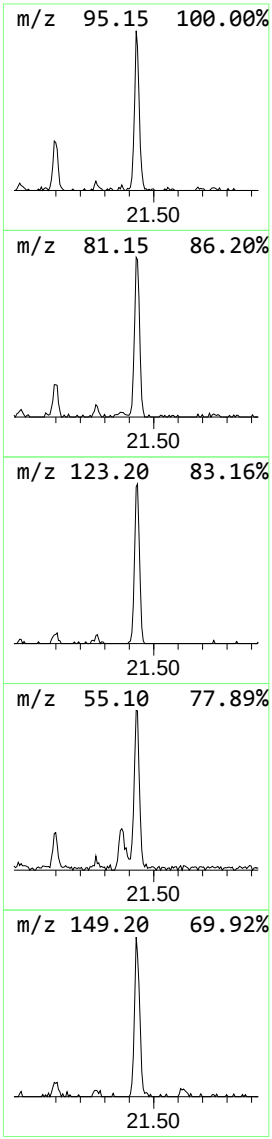
****

Peak Number 6 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.430	16.93 ng/ul	483579	Chrysene-d12	21.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-(5-methyl-...	287	C14H10FN3OS	1000350-88-6	38
2	di-t-Butylacetylene	138	C10H18	017530-24-4	30
3	2-Furanacetaldehyde, .alpha.-iso...	152	C9H12O2	031681-30-8	27
4	2-Cyclohexene-1-methanol, 2,6,6-...	154	C10H18O	006627-74-3	27
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049351.D
Acq On : 15 Jul 2021 6:27
Operator : CG/JU
Sample : M2971-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE83

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	14.2	ng/ul	151500	1	8.061	213118	20.0
Butane, 2-metho...	3.180	7.1	ng/ul	76099	1	8.061	213118	20.0
Ethanol, 2-(2-b...	10.650	2.5	ng/ul	37379	2	10.887	301729	20.0
unknown-01	21.100	5.0	ng/ul	142791	5	21.740	571296	20.0
1-Tricosanol	21.370	2.6	ng/ul	75802	5	21.740	571296	20.0
unknown-02	21.430	16.9	ng/ul	483579	5	21.740	571296	20.0