LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049286.D
Acq On : 11 Jul 2021 5:22
Operator : CG/JU
Sample : M2909-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLX84

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: BG049286.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	8	13	22	rBV	111138	216042	43.12%	3.835%
2	3.192	22	26	35	rVB	80964	125763	25.10%	2.233%
3	3.891	142	145	155	rBV	25402	45029	8.99%	0.799%
4	4.949	323	325	328	rVB2	1720	1443	0.29%	0.026%
5	5.143	355	358	360	rBV3	1611	2051	0.41%	0.036%
6	6.071	513	516	518	rBV	1522	2122	0.42%	0.038%
7	6.288	550	553	555	rBV2	1574	1831	0.37%	0.033%
8	6.418	574	575	579	rBV3	1289	1747	0.35%	0.031%
9	6.988	669	672	673	rBV3	1494	1417	0.28%	0.025%
10	7.093	688	690	694	rBV3	1345	1828	0.36%	0.032%
11	7.223	705	712	722	rVB	77843	138993	27.74%	2.468%
12	7.387	735	740	751	rVB	42263	79982	15.96%	1.420%
13	7.599	770	776	784	rVB	71849	127251	25.40%	2.259%
14	7.751	799	802	805	rVB2	1300	1611	0.32%	0.029%
15	8.069	850	856	864	rVB	97695	171760	34.28%	3.049%
16	8.774	969	976	991	rVB	89863	163000	32.53%	2.894%
17	8.903	994	998	1005	rVB3	1892	4286	0.86%	0.076%
18	9.238	1048	1055	1063	rBV2	66416	127630	25.47%	2.266%
19	9.966	1172	1179	1187	rBV2	61932	114597	22.87%	2.034%
20	10.419	1254	1256	1260	rVB2	1526	1329	0.27%	0.024%
21	10.507	1264	1271	1280	rBV	93020	179387	35.80%	3.185%
22	10.601	1284	1287	1290	rBV	929	1723	0.34%	0.031%
23	10.648	1290	1295	1308	rBV	57603	98653	19.69%	1.751%
24	10.895	1329	1337	1345	rVB	131308	243715	48.64%	4.327%
25	11.024	1352	1359	1369	rBV	85039	154729	30.88%	2.747%
26	11.706	1469	1475	1477	rBV2	1963	3076	0.61%	0.055%
27	11.841	1497	1498	1501	rBV2	1151	1344	0.27%	0.024%
28	11.988	1518	1523	1526	rBV3	1094	1849	0.37%	0.033%
29	12.375	1587	1589	1591	rBV	1678	1471	0.29%	0.026%
30	12.487	1602	1608	1611	rVB2	1676	2648	0.53%	0.047%
31	12.693	1640	1643	1646	rBV2	1399	1756	0.35%	0.031%
32	12.986	1689	1693	1697	rVB2	997	1514	0.30%	0.027%
33	13.080	1707	1709	1712	rVB	2197	2038	0.41%	0.036%
34	13.321	1748	1750	1753	rVB2	2607	2038	0.41%	0.036%
35	13.433	1764	1769	1771	rBV2	1000	1489	0.30%	0.026%
36	14.114	1879	1885	1891	rBV	182782	271979	54.29%	4.828%

LSC Area Percent Report

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Sample : M2909-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLX84

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	14.291	1912	1915	1917	rVB2	1324	1379	0.28%	0.024%
38	14.408	1928	1935	1945	rBV	184911	297601	59.40%	5.283%
39	14.720	1981	1988	1995	rBV	222256	356924	71.24%	6.336%
40	14.773	1995	1997	1999	rBV2	1787	1342	0.27%	0.024%
41	14.908	2014	2020	2029	rBV2	73116	132913	26.53%	2.360%
42	15.125	2052	2057	2060	rBV2	2503	3867	0.77%	0.069%
43	15.219	2071	2073	2077	rVB2	1040	1429	0.29%	0.025%
44	15.513	2115	2123	2126	rBV3	1937	3975	0.79%	0.071%
45	15.542	2126	2128	2131	rBV2	1016	1397	0.28%	0.025%
46	15.707	2150	2156	2163	rBV2	233705	367168	73.28%	6.518%
47	15.818	2169	2175	2183	rVB2	57641	93908	18.74%	1.667%
48	15.954	2194	2198	2201	rVB3	3020	3432	0.69%	0.061%
49	16.212	2237	2242	2243	rBV2	1442	1757	0.35%	0.031%
50	16.394	2272	2273	2275	rBV	1450	1364	0.27%	0.024%
51	16.488	2284	2289	2292	rBV3	2931	4533	0.90%	0.080%
52	16.811	2341	2344	2345	rBV	1333	1378	0.28%	0.024%
53	17.317	2428	2430	2434	rVB	3206	3121	0.62%	0.055%
54	17.369	2437	2439	2442	rBV3	1651	2068	0.41%	0.037%
55	17.405	2442	2445	2447	rVB2	2191	1929	0.39%	0.034%
56	17.464	2447	2455	2461	rBV	308923	471019	94.01%	8.362%
57	17.563	2466	2472	2480	rVB2	284113	435929	87.01%	7.739%
58	18.010	2546	2548	2552	rBV3	1520	1768	0.35%	0.031%
59	18.069	2555	2558	2560	rBV3	1351	1445	0.29%	0.026%
60	18.122	2565	2567	2571	rVB2	4119	4515	0.90%	0.080%
61	18.345	2602	2605	2611	rVB6	7788	11646	2.32%	0.207%
62	19.849	2855	2861	2869	rBV	340854	499430	99.68%	8.866%
63	20.290	2932	2936	2941	rVB	54079	69060	13.78%	1.226%
64	21.377	3117	3121	3131	rBV3	29380	56419	11.26%	1.002%
65	21.747	3179	3184	3192	rVB	301475	501015	100.00%	8.895%

Sum of corrected areas: 5632852

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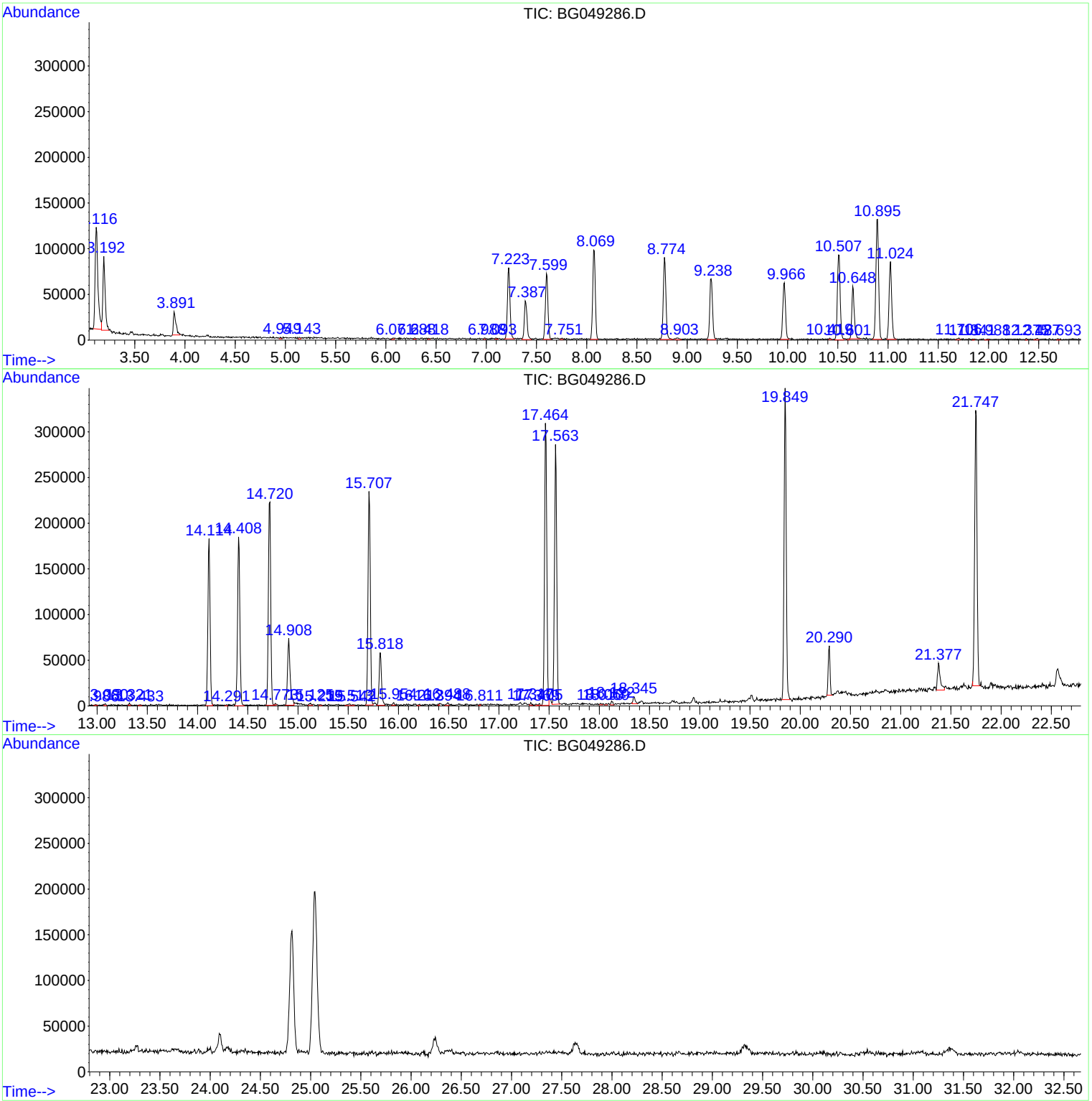
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLX84

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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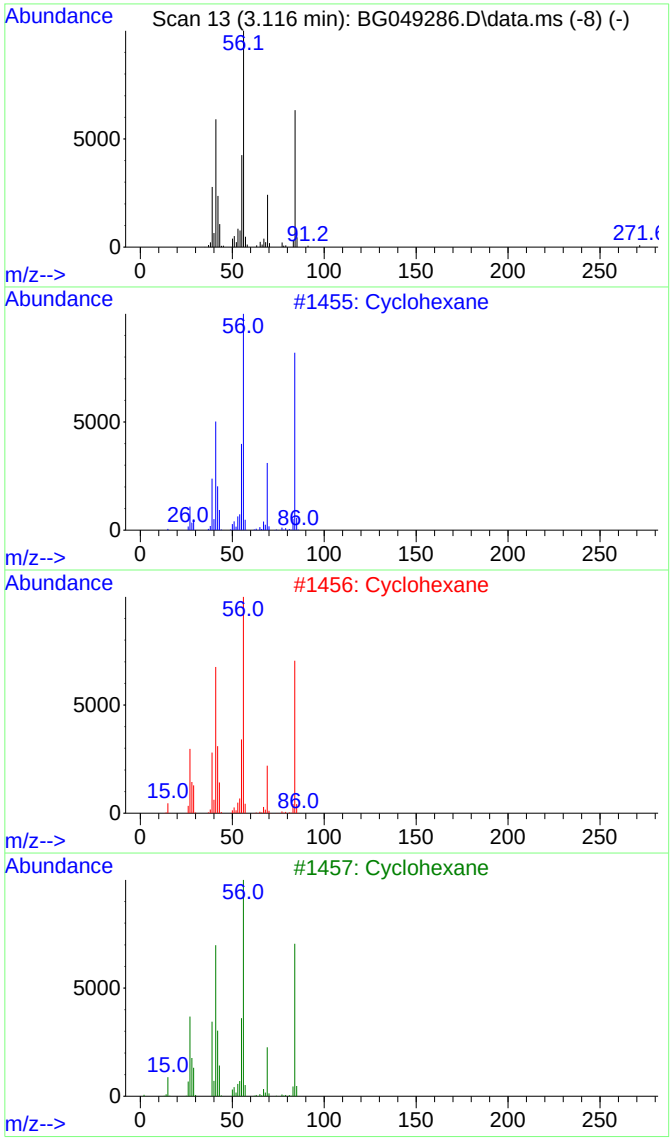
Quant Title : SVOA CALIBRATION

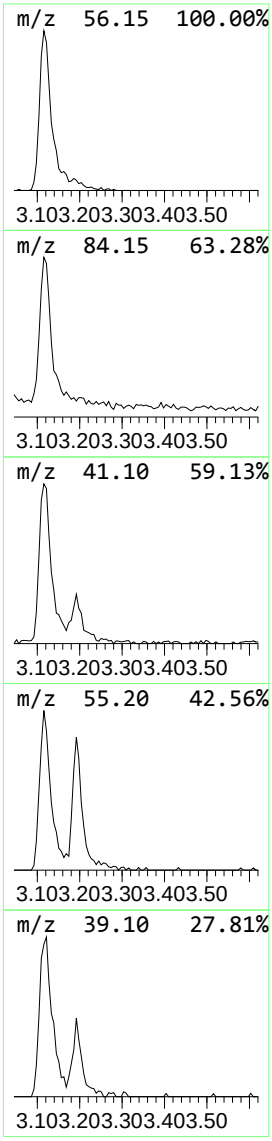
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	25.16 ng/ul	216042	1,4-Dichlorobenzene-d4	8.075

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	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
5	Cyclohexane	84	C6H12	000110-82-7	86





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Sample : M2909-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLX84

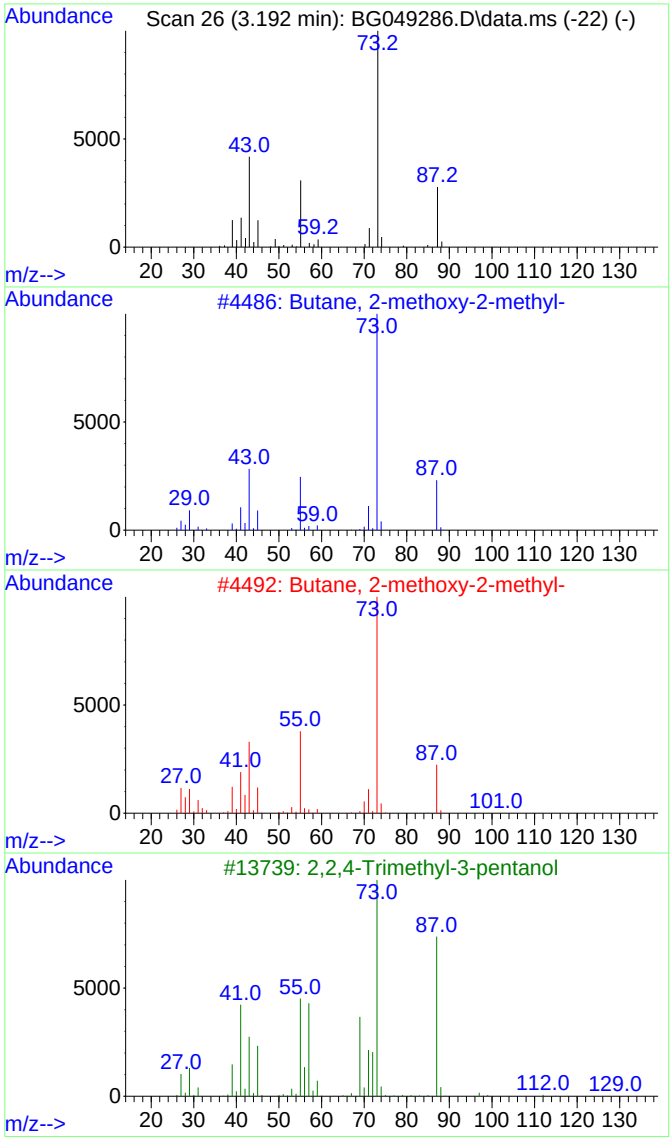
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

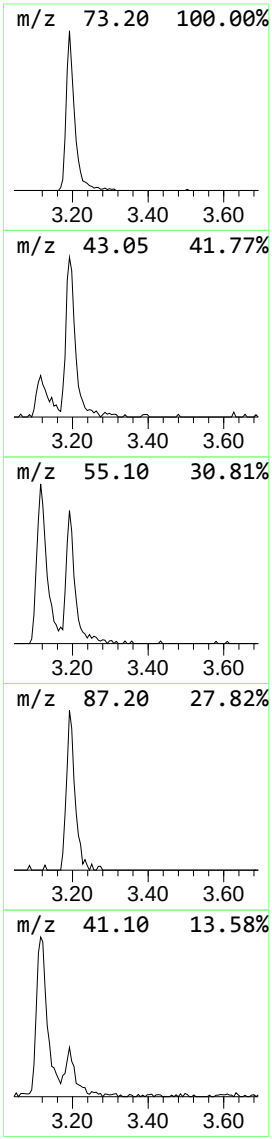
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	14.64 ng/ul	125763	1,4-Dichlorobenzene-d4	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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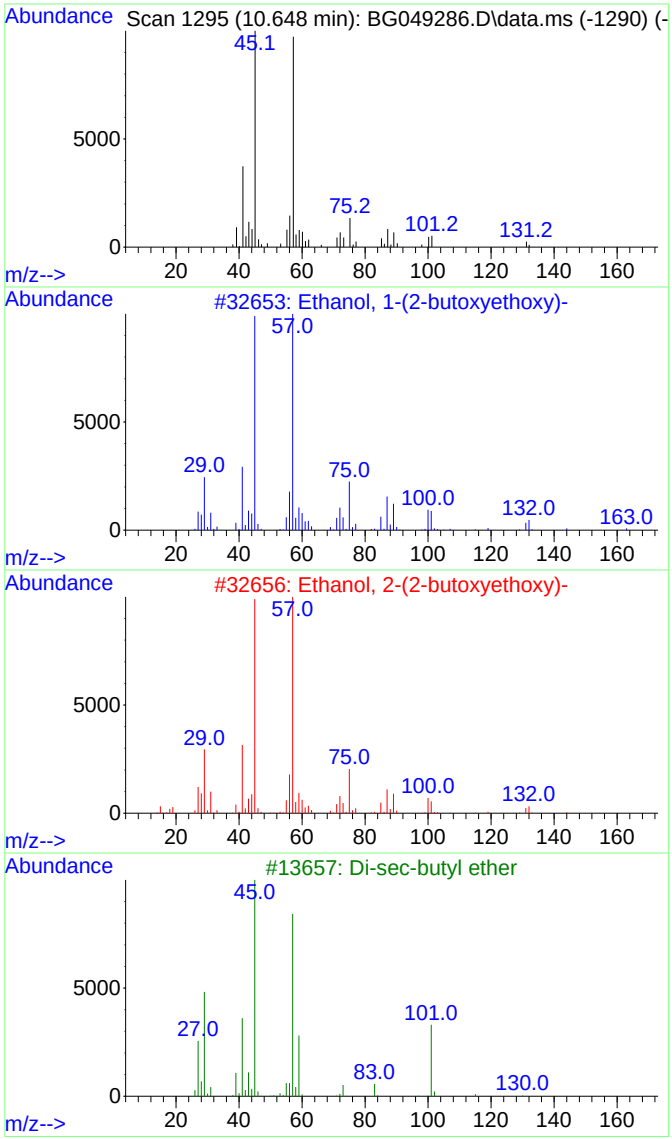
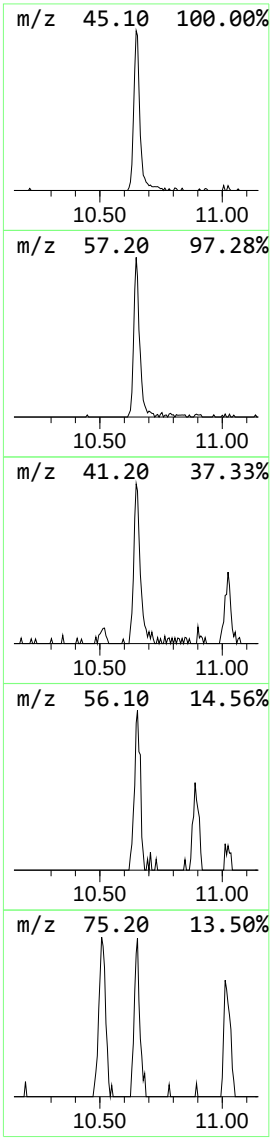
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	8.10 ng/ul	98653	Naphthalene-d8	10.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	64
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	64
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	52





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ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLX84

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

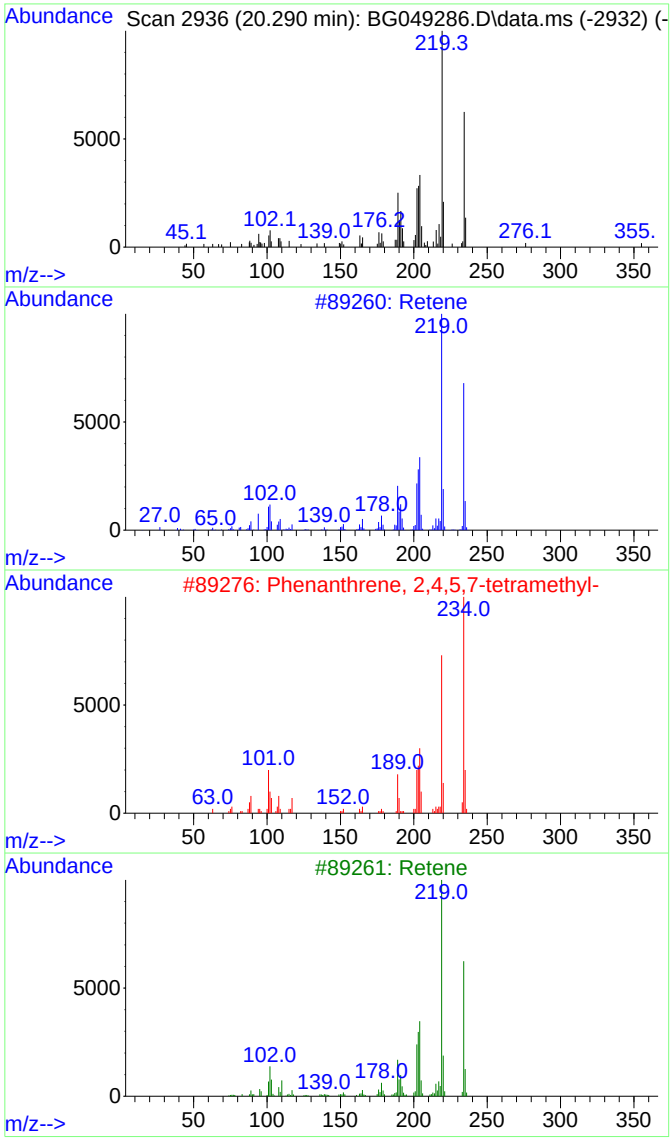
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

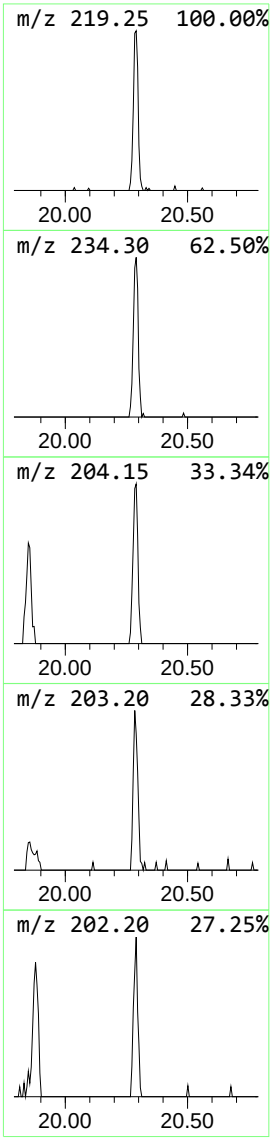
****

Peak Number 4 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.290	2.76 ng/ul	69060	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	96
2	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	95
3	Retene	234	C18H18	000483-65-8	95
4	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
5	Retene	234	C18H18	000483-65-8	83





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Instrument :
BNA_G
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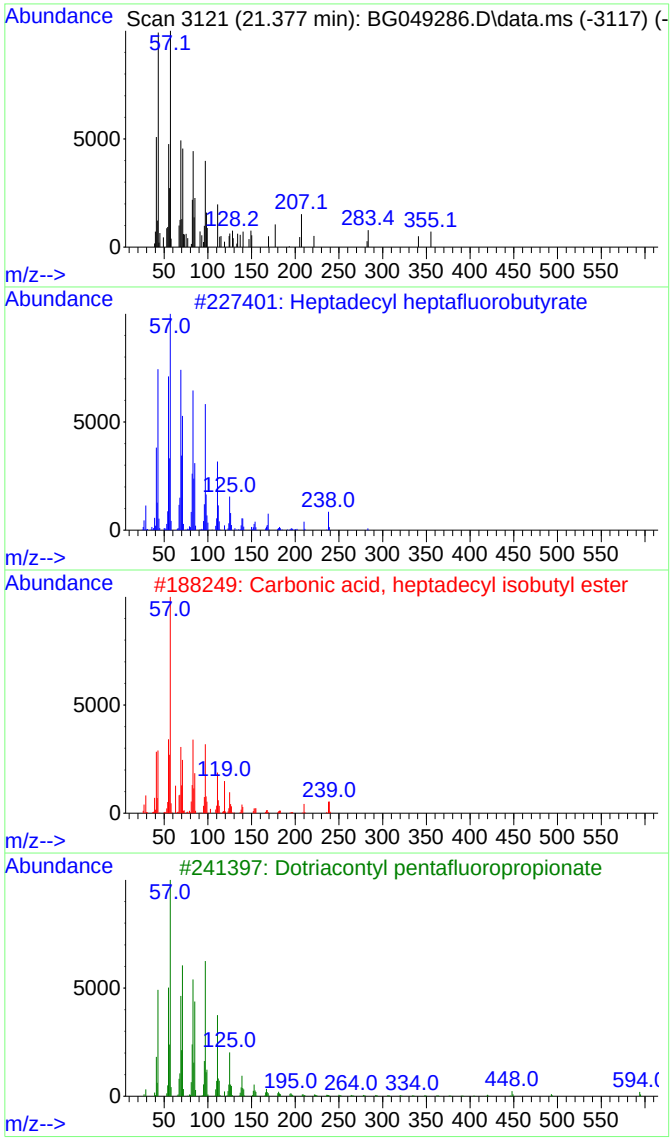
Quant Title : SVOA CALIBRATION

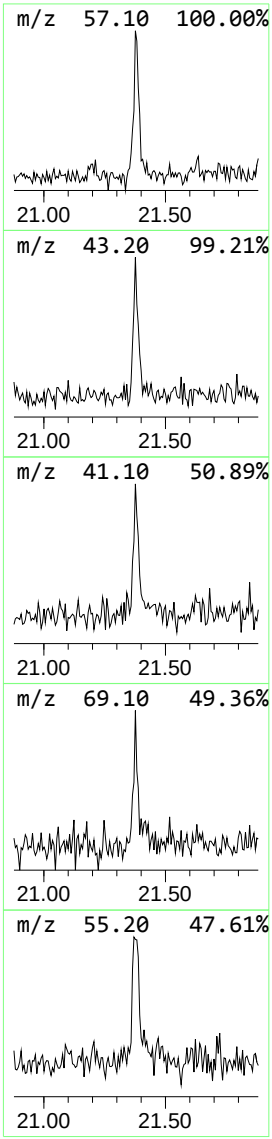
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	2.25 ng/ul	56419	Chrysene-d12	21.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	80
2	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	64
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	53
4	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	53
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	53





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
(DEL) Alkane: C...	3.120	25.2	ng/ul	216042	1	8.075	171760	20.0
Butane, 2-metho...	3.190	14.6	ng/ul	125763	1	8.075	171760	20.0
Ethanol, 1-(2-b...	10.650	8.1	ng/ul	98653	2	10.895	243715	20.0
Retene	20.290	2.8	ng/ul	69060	5	21.747	501015	20.0
Heptadecyl hept...	21.380	2.3	ng/ul	56419	5	21.747	501015	20.0