LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

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\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	5	9	29	rVB	1367761	2104958	97.29%	9.886%
2	3.413	51	55	63	rVB5	7280	14680	0.68%	0.069%
3	4.077	163	168	172	rVB5	8329	13247	0.61%	0.062%
4	4.165	179	183	184	rBV3	2146	2434	0.11%	0.011%
5	7.173	688	695	712	rBV	100519	211602	9.78%	0.994%
6	7.344	718	724	733	rBV	90372	160336	7.41%	0.753%
7	7.549	752	759	769	rBV	119066	224085	10.36%	1.052%
8	8.025	831	840	849	rBV	180134	311237	14.38%	1.462%
9	8.730	953	960	974	rBV	124398	243983	11.28%	1.146%
10	9.189	1031	1038	1050	rBV	117391	222875	10.30%	1.047%
11	9.647	1111	1116	1119	rBV3	2101	2740	0.13%	0.013%
12	9.923	1156	1163	1180	rBV	97206	187034	8.64%	0.878%
13	10.464	1246	1255	1268	rBV	151182	301226	13.92%	1.415%
14	10.851	1313	1321	1329	rBV	260624	481826	22.27%	2.263%
15	10.981	1336	1343	1358	rBV	138966	292213	13.51%	1.372%
16	12.449	1587	1593	1602	rBV3	2171	4437	0.21%	0.021%
17	14.083	1865	1871	1876	rBV	421607	625578	28.91%	2.938%
18	14.130	1876	1879	1888	rVB	187507	264723	12.23%	1.243%
19	14.377	1914	1921	1933	rBV	454475	730402	33.76%	3.430%
20	14.688	1967	1974	1983	rBV	509514	814926	37.66%	3.827%
21	14.870	1999	2005	2023	rBV	67938	169040	7.81%	0.794%
22	15.093	2038	2043	2049	rVB6	8178	13334	0.62%	0.063%
23	15.434	2095	2101	2106	rBV4	4910	8905	0.41%	0.042%
24	15.487	2106	2110	2112	rVV2	1810	2312	0.11%	0.011%
25	15.534	2115	2118	2122	rVB3	1710	2234	0.10%	0.010%
26	15.681	2136	2143	2154	rBV	651211	991079	45.80%	4.655%
27	15.793	2156	2162	2172	rBV	102527	181732	8.40%	0.854%
28	15.922	2180	2184	2193	rVB2	9008	15402	0.71%	0.072%
29	16.404	2263	2266	2268	rBV3	1890	2574	0.12%	0.012%
30	16.474	2273	2278	2281	rVB2	2755	4138	0.19%	0.019%
31	17.197	2397	2401	2404	rBV3	1698	2577	0.12%	0.012%
32	17.438	2435	2442	2452	rBV2	731745	1167635	53.96%	5.484%
33	17.538	2452	2459	2470	rVV	746034	1160010	53.61%	5.448%
34	17.632	2471	2475	2478	rVB6	3061	3744	0.17%	0.018%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

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\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	18.019	2538	2541	2542	rBV2	2506	2295	0.11%	0.011%
36	18.031	2542	2543	2549	rVB2	1578	2699	0.12%	0.013%
37	18.354	2589	2598	2604	rBV8	10831	33229	1.54%	0.156%
38	18.395	2604	2605	2611	rVV2	5639	7792	0.36%	0.037%
39	18.448	2611	2614	2619	rVV5	2807	4327	0.20%	0.020%
40	18.513	2619	2625	2628	rVV5	6029	10969	0.51%	0.052%
41	18.554	2630	2632	2634	rVB3	3394	3175	0.15%	0.015%
42	18.942	2695	2698	2700	rBV3	2640	2816	0.13%	0.013%
43	18.995	2704	2707	2710	rBV4	2919	4814	0.22%	0.023%
44	19.112	2722	2727	2728	rBV5	5320	8500	0.39%	0.040%
45	19.194	2739	2741	2742	rBV2	3803	3747	0.17%	0.018%
46	19.259	2742	2752	2753	rBV9	23299	51833	2.40%	0.243%
47	19.459	2783	2786	2788	rBV2	11815	17509	0.81%	0.082%
48	19.488	2788	2791	2798	rVB	36435	55402	2.56%	0.260%
49	19.588	2806	2808	2811	rVB3	3983	3607	0.17%	0.017%
50	19.641	2814	2817	2819	rBV3	3011	2664	0.12%	0.013%
51	19.712	2825	2829	2832	rBV	8825	10902	0.50%	0.051%
52	19.823	2841	2848	2862	rBV	1051594	1552548	71.75%	7.292%
53	19.917	2862	2864	2869	rVV6	3542	4827	0.22%	0.023%
54	19.999	2875	2878	2880	rBV4	2711	2734	0.13%	0.013%
55	20.046	2880	2886	2892	rVV3	7161	15591	0.72%	0.073%
56	20.176	2904	2908	2909	rBV4	5497	7070	0.33%	0.033%
57	20.258	2919	2922	2924	rBV4	2647	3640	0.17%	0.017%
58	20.311	2928	2931	2932	rBV3	3198	3366	0.16%	0.016%
59	20.346	2933	2937	2938	rBV4	7506	10005	0.46%	0.047%
60	20.863	3020	3025	3027	rBV3	12098	16295	0.75%	0.077%
61	21.069	3058	3060	3062	rBV3	4644	3905	0.18%	0.018%
62	21.368	3106	3111	3120	rBV2	77425	160110	7.40%	0.752%
63	21.721	3163	3171	3177	rBV	838736	1437579	66.44%	6.752%
64	21.927	3200	3206	3210	rBV2	38084	72271	3.34%	0.339%
65	22.062	3213	3229	3257	rVV2	161798	1247378	57.65%	5.858%
66	22.567	3293	3315	3337	rVB5	395465	2163702	100.00%	10.162%
67	23.260	3426	3433	3442	rVB	51806	107331	4.96%	0.504%
68	23.448	3462	3465	3470	rVB4	8858	15368	0.71%	0.072%
69	24.083	3566	3573	3581	rBV3	54852	128755	5.95%	0.605%
70	24.753	3677	3687	3698	rBV	527023	1451815	67.10%	6.819%
71	24.982	3715	3726	3735	rBV2	511023	1473903	68.12%	6.922%

LSC Area Percent Report

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Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

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\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	25.052	3735	3738	3750	rVB3	52208	124886	5.77%	0.587%
73	26.222	3930	3937	3946	rVB4	39726	118197	5.46%	0.555%
74	30.799	4714	4716	4719	rBV4	4677	5343	0.25%	0.025%

Sum of corrected areas: 21292157

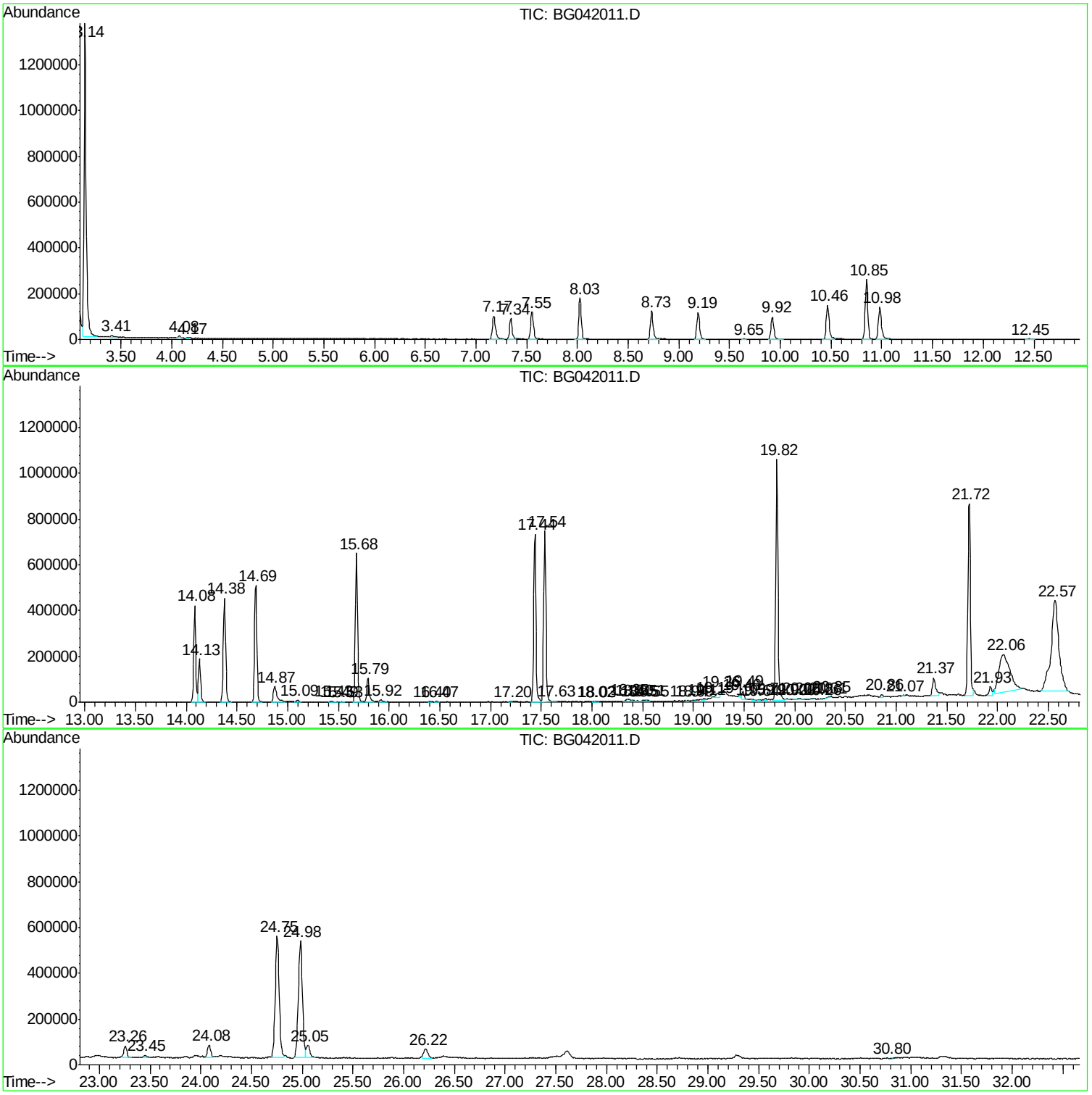
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

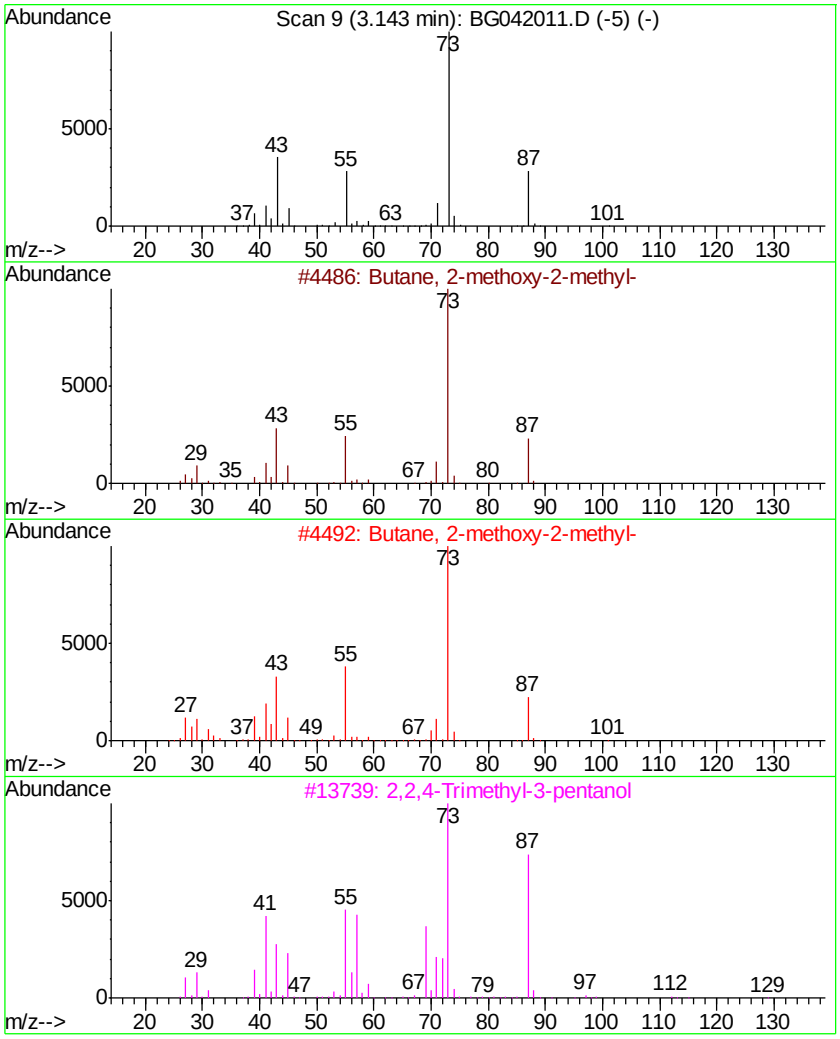
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

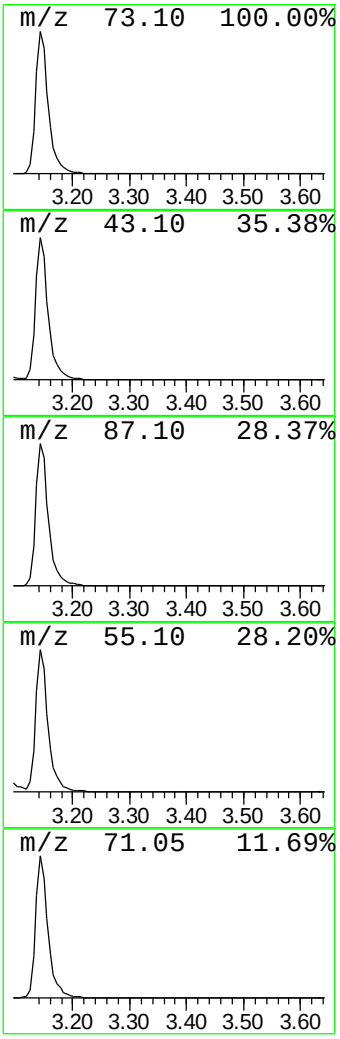
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	135.26 ng/ul	2104960	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

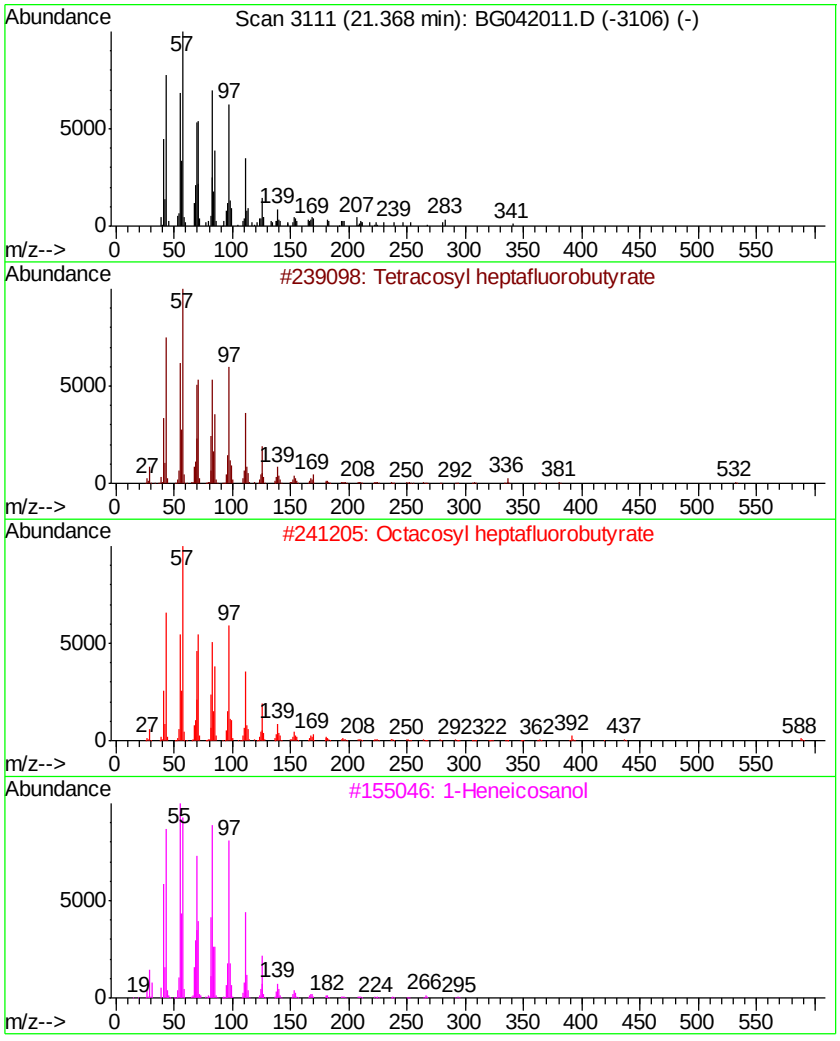
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

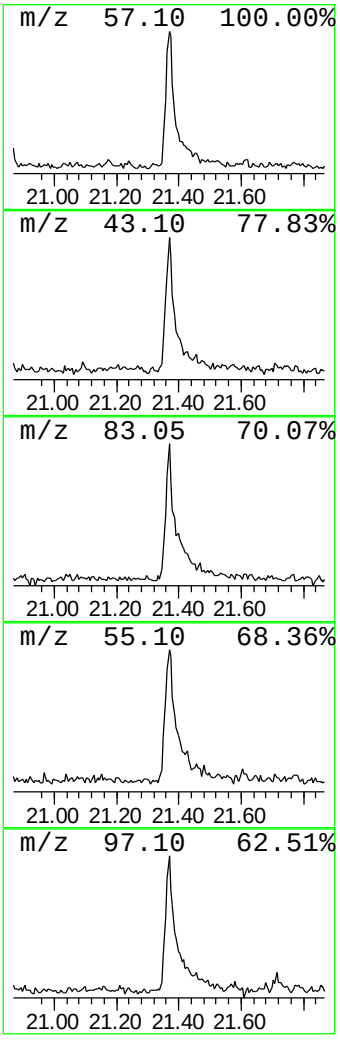
****

Peak Number 2 Tetracosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.23 ng/ul	160110	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	94
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

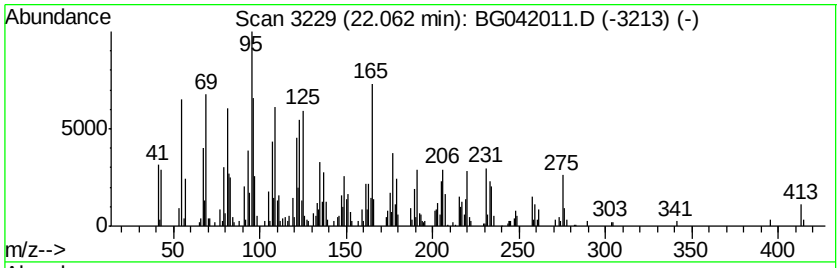
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

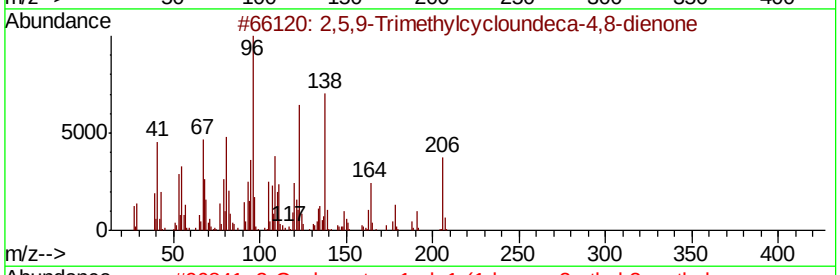
****

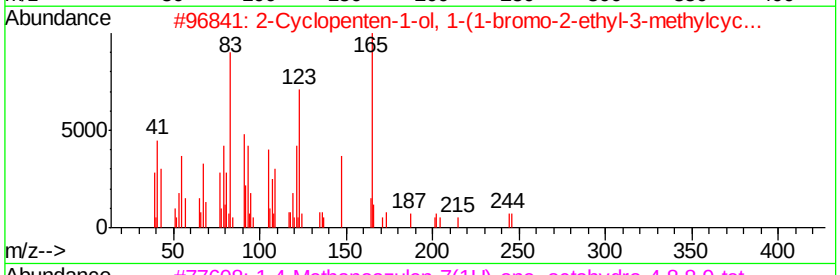
Peak Number 3 unknown-01 Concentration Rank 3

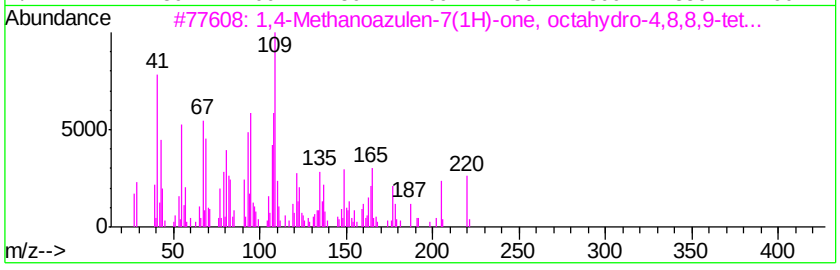
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	17.35 ng/ul	1247380	Chrysene-d12	21.72

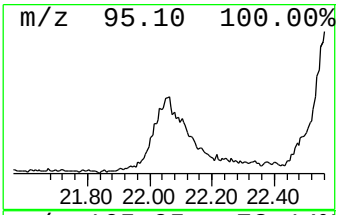
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,9-Trimethylcycloundeca-4,8-d...	206	C14H22O	1000195-33-9	44
2	2-Cyclopenten-1-ol, 1-(1-bromo-2...	244	C11H17BrO	079209-32-8	30
3	1,4-Methanoazulen-7(1H)-one, oct...	220	C15H24O	018319-28-3	25
4	Naphthalene, decahydro-2,6-dimet...	278	C20H38	054964-85-1	22
5	1-(3-Cyanopropyl)dimethylsilylox...	233	C13H19NOSi	1000307-93-1	18

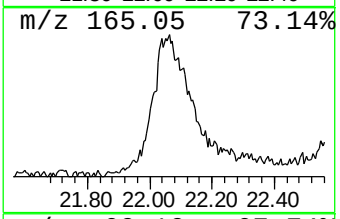


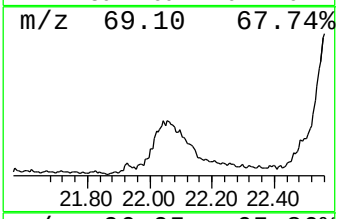


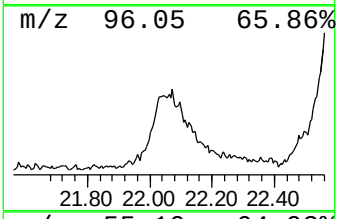


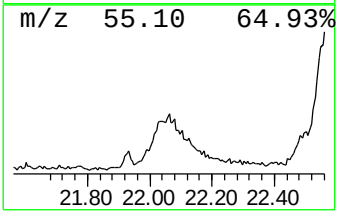












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Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

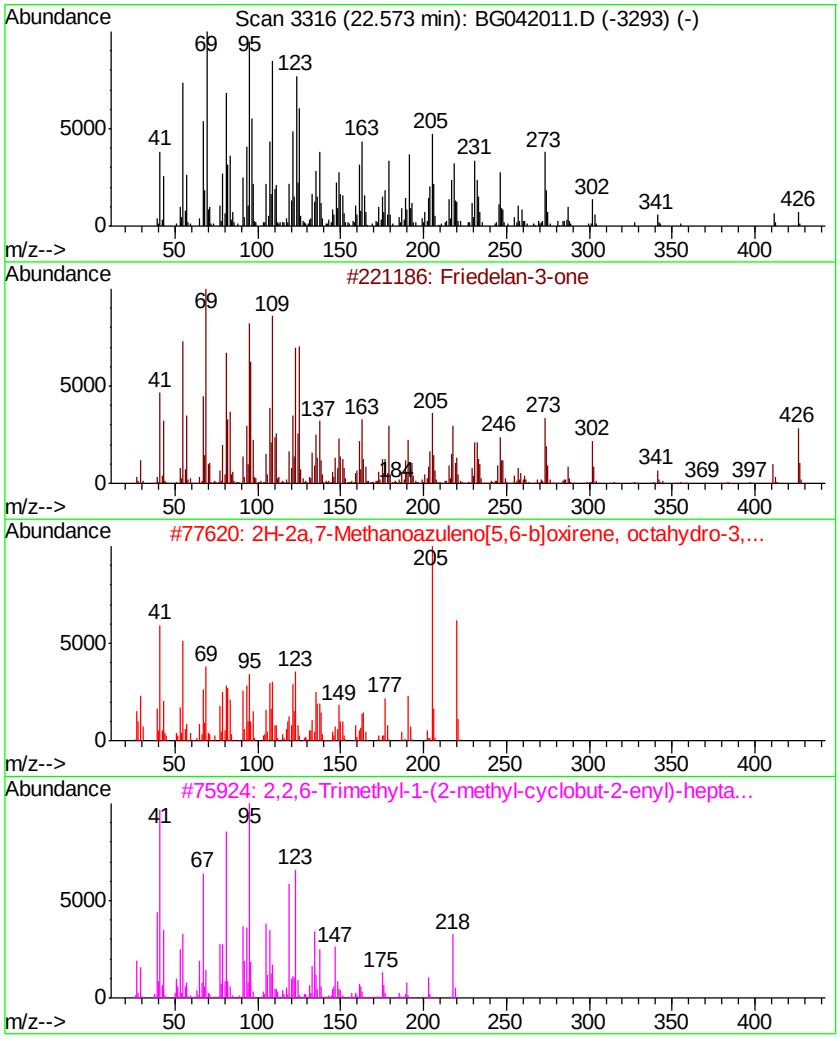
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

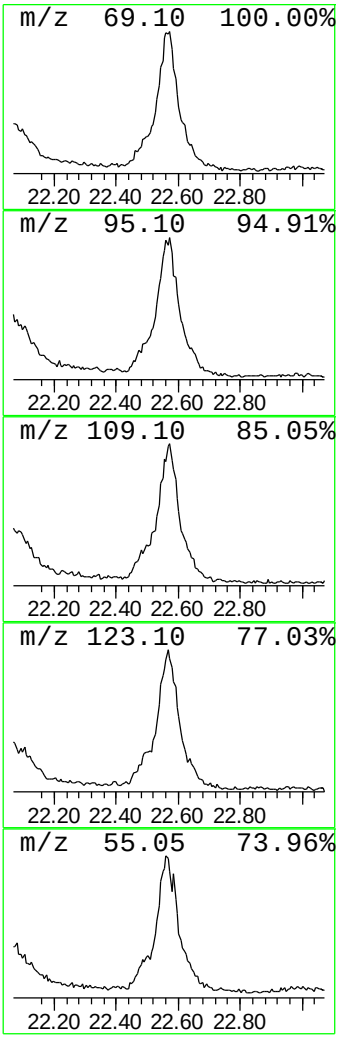
****

Peak Number 4 Friedelan-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	30.10 ng/ul	2163700	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	94
2	2H-2a,7-Methanoazuleno[5,6-bloxi...	220	C15H24O	029597-36-2	58
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	51
4	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	44
5	9-Cedranone	220	C15H24O	1000156-23-2	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENX7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.14	135.3	ng/ul	2104960	1	8.03	311237	20.0
Tetracosyl heptaf...	21.37	2.2	ng/ul	160110	5	21.72	1437580	20.0
unknown-01	22.06	17.4	ng/ul	1247380	5	21.72	1437580	20.0
Friedelan-3-one	22.57	30.1	ng/ul	2163700	5	21.72	1437580	20.0