LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042111.D
Acq On : 9 Aug 2019 20:48
Operator : HP/JU
Sample : K4041-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT3

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	3.144	4	9	29	rVB	1274765	2017929	100.00%	13.521%
2	3.408	51	54	58	rVB3	6264	7556	0.37%	0.051%
3	3.690	100	102	107	rBV2	4371	6764	0.34%	0.045%
4	4.072	163	167	177	rVB3	9556	17748	0.88%	0.119%
5	4.178	180	185	189	rVB4	2885	5251	0.26%	0.035%
6	5.100	340	342	348	rVB4	2512	4130	0.20%	0.028%
7	7.180	690	696	714	rBV2	104374	231959	11.49%	1.554%
8	7.345	716	724	735	rBV	81428	149582	7.41%	1.002%
9	7.556	753	760	771	rBV	121981	220630	10.93%	1.478%
10	8.026	833	840	848	rBV	222761	383076	18.98%	2.567%
11	8.737	954	961	975	rBV	136394	265250	13.14%	1.777%
12	9.190	1030	1038	1050	rBV	109846	209436	10.38%	1.403%
13	9.924	1156	1163	1175	rVB	95864	182446	9.04%	1.223%
14	10.471	1247	1256	1272	rBV	145482	300567	14.89%	2.014%
15	10.853	1313	1321	1330	rBV	322916	580903	28.79%	3.892%
16	10.982	1336	1343	1357	rBV	123314	268966	13.33%	1.802%
17	12.457	1589	1594	1600	rVB	2147	4454	0.22%	0.030%
18	14.084	1864	1871	1876	rBV	300431	468158	23.20%	3.137%
19	14.131	1876	1879	1889	rVV	81797	127550	6.32%	0.855%
20	14.378	1914	1921	1933	rBV	387636	606156	30.04%	4.062%
21	14.689	1966	1974	1987	rBV	550094	876811	43.45%	5.875%
22	14.889	2001	2008	2016	rBV	45683	109382	5.42%	0.733%
23	15.106	2040	2045	2052	rVB3	4577	7572	0.38%	0.051%
24	15.682	2135	2143	2156	rBV	497107	763900	37.86%	5.119%
25	15.800	2156	2163	2174	rBV	84040	144024	7.14%	0.965%
26	15.923	2180	2184	2188	rBV4	4408	6359	0.32%	0.043%
27	16.464	2273	2276	2280	rVB2	2173	2307	0.11%	0.015%
28	17.222	2403	2405	2411	rVB2	1709	2933	0.15%	0.020%
29	17.439	2433	2442	2452	rBV	705514	1046303	51.85%	7.011%
30	17.539	2452	2459	2469	rVB2	519048	809608	40.12%	5.425%
31	17.815	2502	2506	2509	rBV3	1427	2637	0.13%	0.018%
32	17.938	2524	2527	2530	rBV4	2440	2827	0.14%	0.019%
33	18.109	2553	2556	2561	rBV3	1723	2482	0.12%	0.017%
34	18.332	2591	2594	2601	rBV6	7612	15872	0.79%	0.106%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BENT3

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	18.403	2604	2606	2609	rVB3	2071	2361	0.12%	0.016%
36	18.632	2640	2645	2646	rBV3	3626	5154	0.26%	0.035%
37	18.961	2699	2701	2704	rVB2	2512	2616	0.13%	0.018%
38	19.466	2782	2787	2790	rBV2	7997	11317	0.56%	0.076%
39	19.490	2790	2791	2796	rVB	6683	7616	0.38%	0.051%
40	19.554	2798	2802	2806	rBV5	1966	3681	0.18%	0.025%
41	19.666	2819	2821	2822	rBV2	3260	2844	0.14%	0.019%
42	19.713	2825	2829	2833	rBV2	5552	8529	0.42%	0.057%
43	19.824	2842	2848	2859	rVV	712302	1033496	51.22%	6.925%
44	21.370	3106	3111	3122	rBV3	73082	153491	7.61%	1.028%
45	21.722	3164	3171	3183	rBV2	698644	1212973	60.11%	8.128%
46	21.928	3204	3206	3214	rVB7	15555	21511	1.07%	0.144%
47	22.551	3308	3312	3328	rVB7	47206	151479	7.51%	1.015%
48	23.256	3428	3432	3437	rVB4	28374	49140	2.44%	0.329%
49	24.084	3568	3573	3580	rVB3	38177	80918	4.01%	0.542%
50	24.766	3679	3689	3701	rBV	353741	1011201	50.11%	6.776%
51	24.995	3717	3728	3736	rBV2	407753	1222537	60.58%	8.192%
52	26.217	3931	3936	3946	rVB7	33477	91484	4.53%	0.613%

Sum of corrected areas: 14923876

LSC Report - Integrated Chromatogram

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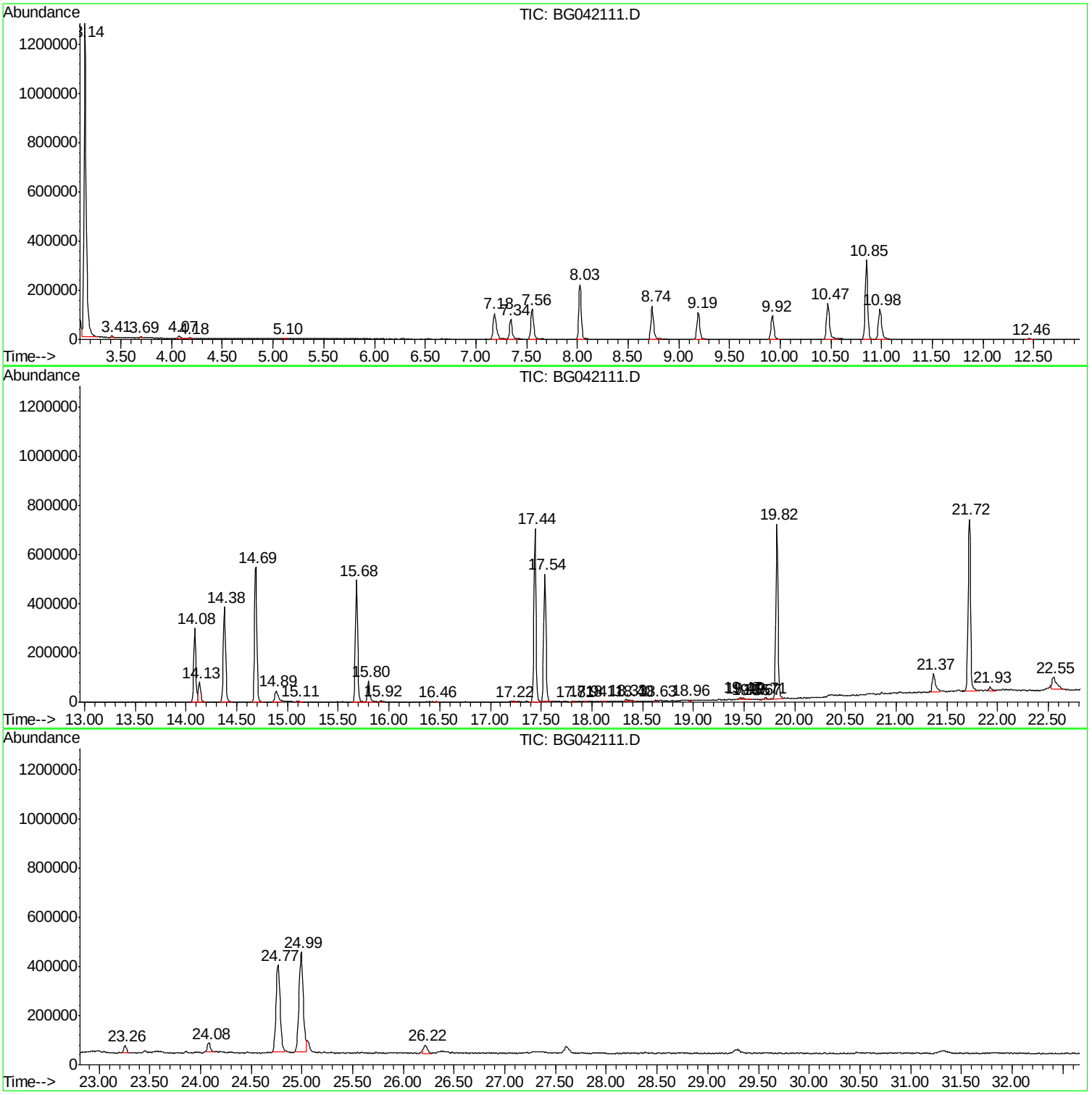
Sample : K4041-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT3

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

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Data File : BG042111.D
Acq On : 9 Aug 2019 20:48
Operator : HP/JU
Sample : K4041-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT3

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

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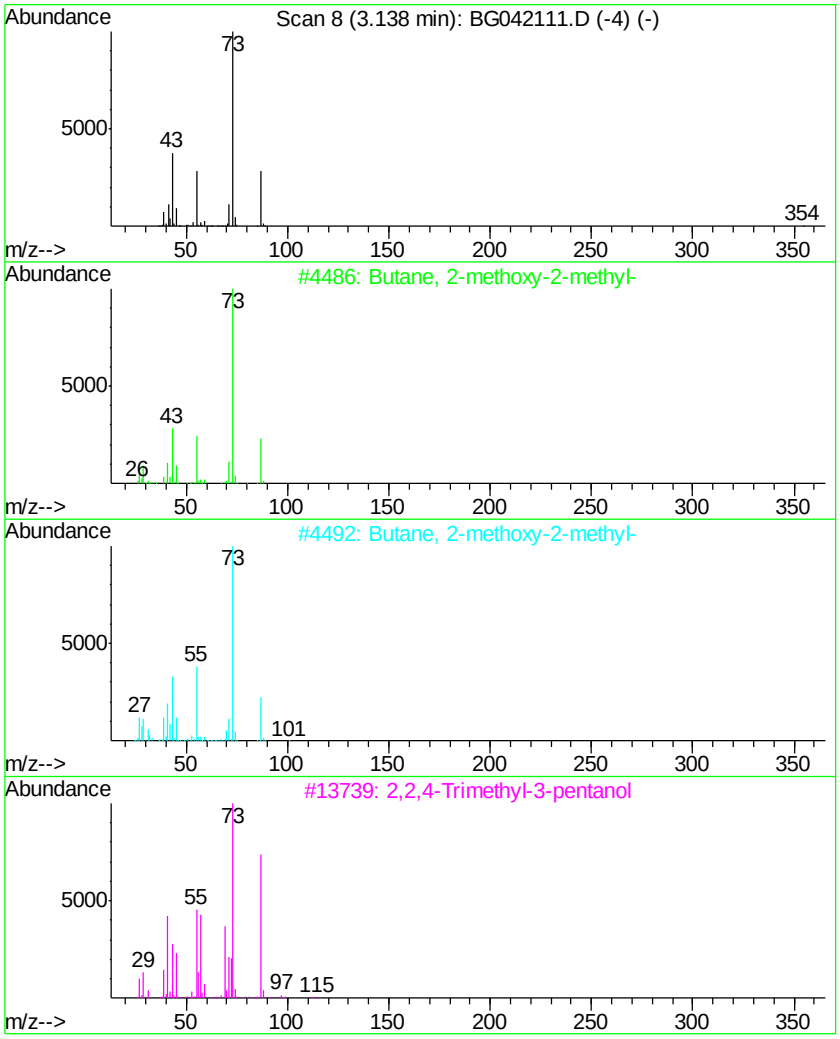
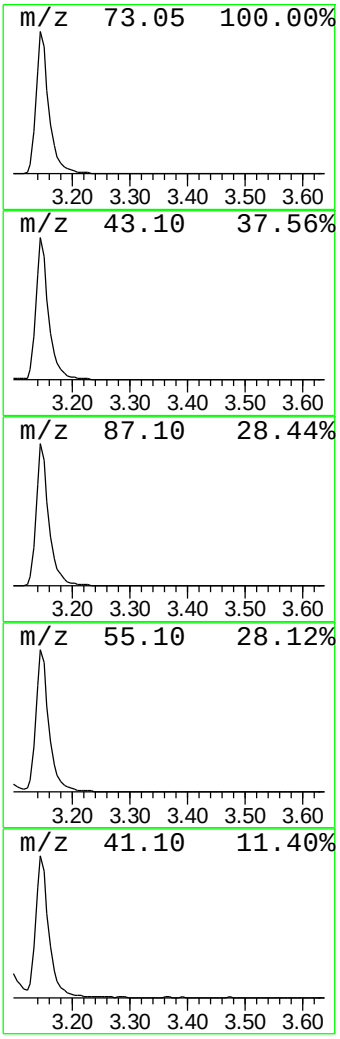
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	105.35 ng/ul	2017930	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT3

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

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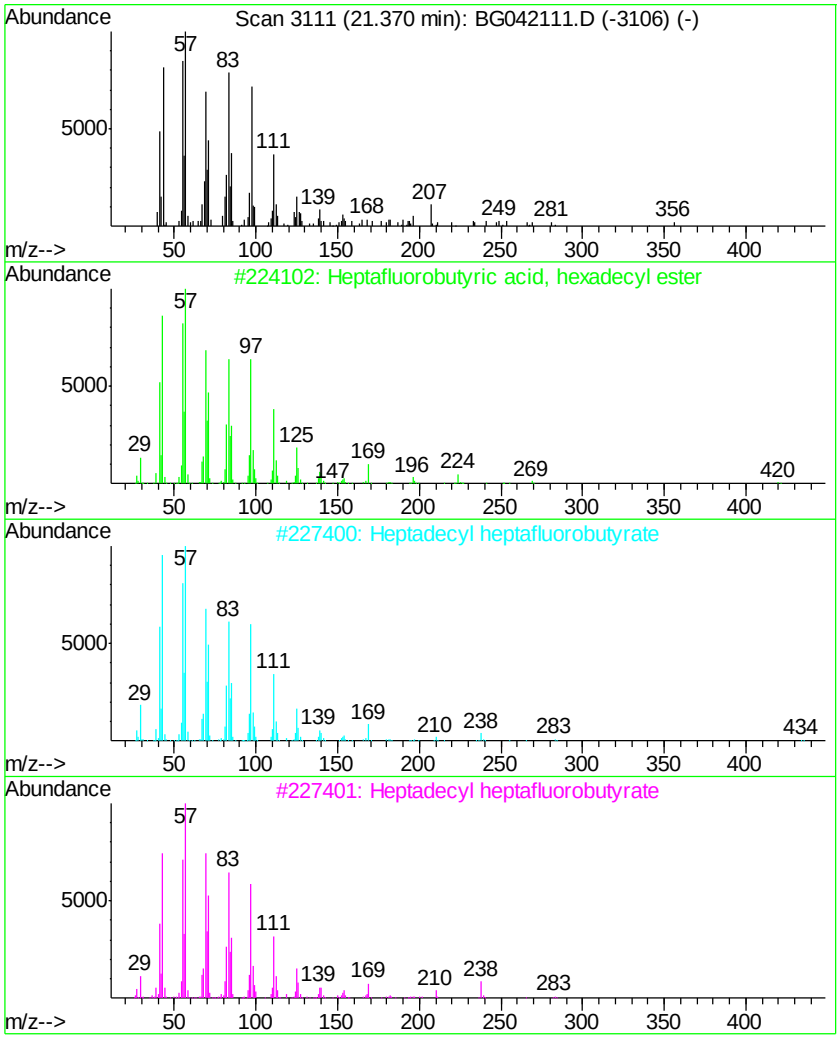
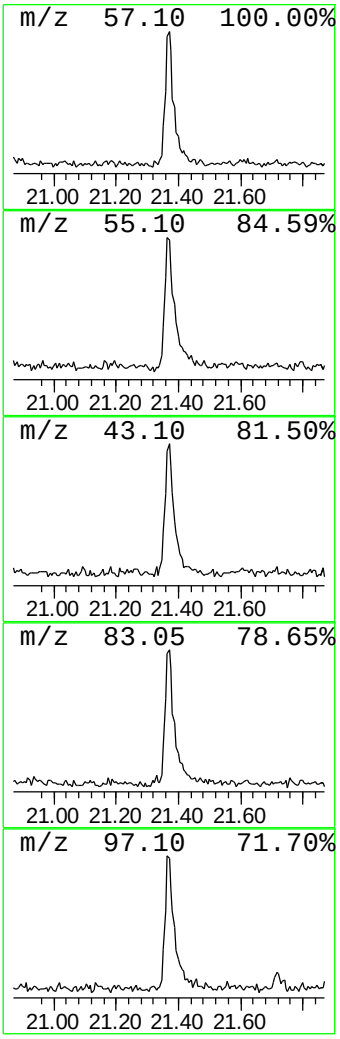
Peak Number 2 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.53 ng/ul	153491	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Octacosanol	410	C28H58O	000557-61-9	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT3

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

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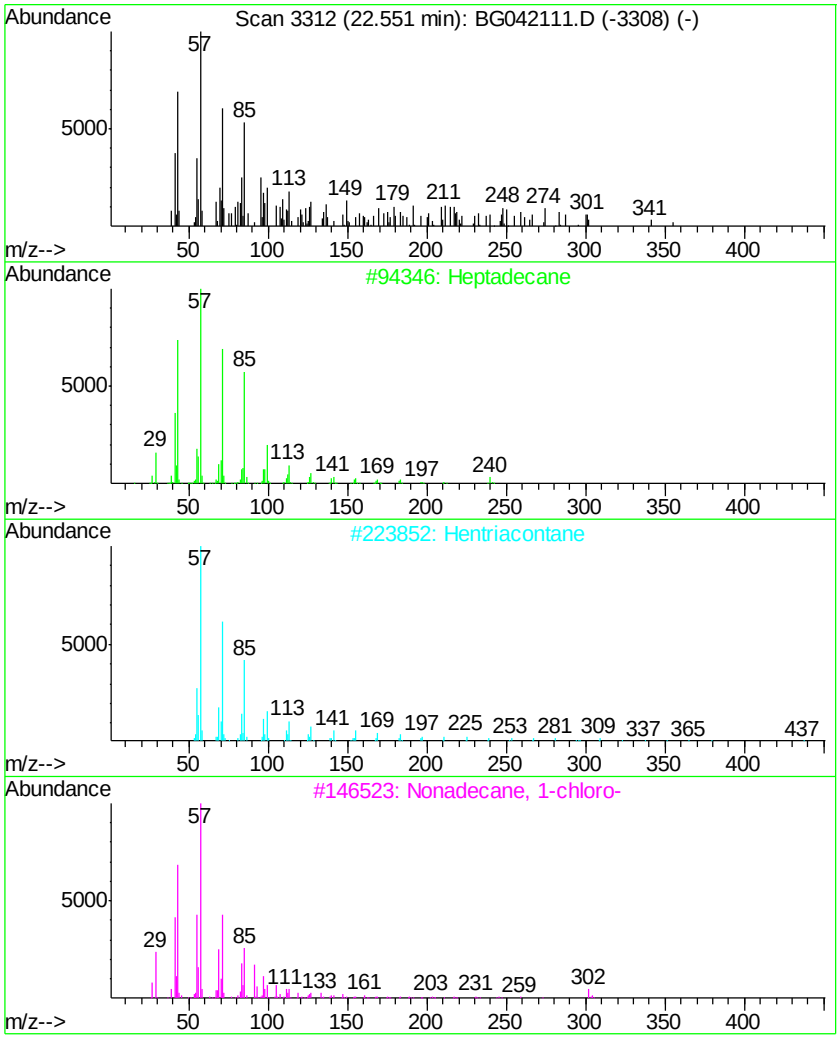
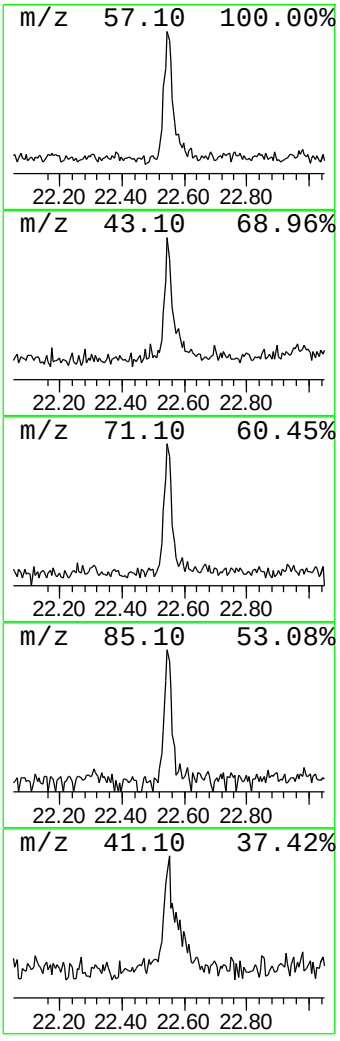
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.50 ng/ul	151479	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Hentriacontane	437	C31H64	000630-04-6	58
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	52
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	52
5	2-methyltetracosane	352	C25H52	1000376-72-6	52





Tentatively Identified Compound (LSC) summary

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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	105.3	ng/ul	2017930	1	8.03	383076	20.0
Heptafluorobutyri...	21.37	2.5	ng/ul	153491	5	21.72	1212970	20.0
(DEL) Alkane: Str...	22.55	2.5	ng/ul	151479	5	21.72	1212970	20.0