LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042080.D
Acq On : 8 Aug 2019 23:16
Operator : HP/JU
Sample : K4116-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLD3

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	3.147	5	10	31	rVB	1558293	2532011	100.00%	12.789%
2	3.411	51	55	63	rVB2	8933	15215	0.60%	0.077%
3	4.075	161	168	176	rBV	10525	18563	0.73%	0.094%
4	4.169	181	184	190	rVB4	2852	4788	0.19%	0.024%
5	5.092	338	341	346	rVB2	3505	5918	0.23%	0.030%
6	7.178	689	696	711	rBV	147196	284390	11.23%	1.436%
7	7.342	717	724	736	rBV	117452	203103	8.02%	1.026%
8	7.554	753	760	770	rBV	169089	301311	11.90%	1.522%
9	8.024	830	840	849	rBV	230548	403342	15.93%	2.037%
10	8.735	952	961	975	rBV	179908	351063	13.86%	1.773%
11	9.187	1031	1038	1048	rBV	154452	284905	11.25%	1.439%
12	9.633	1109	1114	1121	rVB3	2656	4851	0.19%	0.025%
13	9.921	1153	1163	1173	rBV	132613	246732	9.74%	1.246%
14	10.468	1249	1256	1271	rBV	207919	416627	16.45%	2.104%
15	10.850	1313	1321	1331	rBV	347906	606793	23.96%	3.065%
16	10.979	1335	1343	1359	rBV	164451	336827	13.30%	1.701%
17	14.081	1865	1871	1876	rBV	448908	668275	26.39%	3.375%
18	14.134	1876	1880	1887	rVB	141586	215964	8.53%	1.091%
19	14.381	1914	1922	1935	rBV	524571	851654	33.64%	4.302%
20	14.686	1967	1974	1982	rBV	574248	921868	36.41%	4.656%
21	14.874	1997	2006	2021	rBV	78209	179431	7.09%	0.906%
22	15.098	2039	2044	2053	rVB2	17829	29507	1.17%	0.149%
23	15.679	2134	2143	2155	rBV	724895	1086191	42.90%	5.486%
24	15.791	2157	2162	2169	rBV	139721	222637	8.79%	1.125%
25	15.920	2180	2184	2191	rVB4	7969	12750	0.50%	0.064%
26	16.467	2273	2277	2282	rVB2	3342	5107	0.20%	0.026%
27	17.225	2403	2406	2410	rVB3	2413	4111	0.16%	0.021%
28	17.436	2433	2442	2453	rBV2	722245	1137772	44.94%	5.747%
29	17.536	2453	2459	2470	rVB	764559	1164894	46.01%	5.884%
30	18.335	2589	2595	2600	rBV3	27934	55970	2.21%	0.283%
31	18.394	2603	2605	2612	rVB	4801	8892	0.35%	0.045%
32	18.511	2622	2625	2628	rBV5	1837	3140	0.12%	0.016%
33	18.823	2675	2678	2683	rVB6	2374	3287	0.13%	0.017%
34	19.252	2749	2751	2756	rVB3	5198	7154	0.28%	0.036%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : JLLD3

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
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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	19.463	2782	2787	2789	rBV	12591	18980	0.75%	0.096%
36	19.492	2789	2792	2797	rVB2	17565	25518	1.01%	0.129%
37	19.610	2808	2812	2816	rBV7	6891	12505	0.49%	0.063%
38	19.716	2826	2830	2833	rVB4	6779	9393	0.37%	0.047%
39	19.745	2833	2835	2838	rVB3	2869	3219	0.13%	0.016%
40	19.822	2841	2848	2858	rBV	1023189	1519940	60.03%	7.677%
41	19.886	2858	2859	2862	rVB3	6187	3980	0.16%	0.020%
42	20.062	2888	2889	2894	rBV5	3154	3725	0.15%	0.019%
43	20.156	2903	2905	2906	rBV2	3203	2717	0.11%	0.014%
44	20.268	2923	2924	2926	rVB2	4552	2606	0.10%	0.013%
45	20.362	2938	2940	2945	rVB2	17949	16269	0.64%	0.082%
46	20.597	2978	2980	2981	rBV2	3808	2677	0.11%	0.014%
47	20.856	3021	3024	3029	rVB5	14258	17016	0.67%	0.086%
48	21.367	3106	3111	3122	rBV2	108029	217726	8.60%	1.100%
49	21.719	3164	3171	3178	rBV2	802550	1321581	52.19%	6.675%
50	21.931	3202	3207	3215	rBV5	25269	41745	1.65%	0.211%
51	22.548	3307	3312	3331	rVB3	87982	311242	12.29%	1.572%
52	22.836	3359	3361	3364	rBV3	5936	5502	0.22%	0.028%
53	23.259	3428	3433	3440	rVB	38892	70062	2.77%	0.354%
54	24.087	3566	3574	3579	rBV2	50829	116143	4.59%	0.587%
55	24.763	3679	3689	3705	rVB	548687	1538737	60.77%	7.772%
56	24.986	3716	3727	3737	rBV2	491070	1425028	56.28%	7.198%
57	26.220	3931	3937	3945	rVB3	41119	112145	4.43%	0.566%
58	29.704	4528	4530	4534	rBV4	5711	7621	0.30%	0.038%
59	32.401	4973	4989	5004	rVB3	74569	396963	15.68%	2.005%

Sum of corrected areas: 19798083

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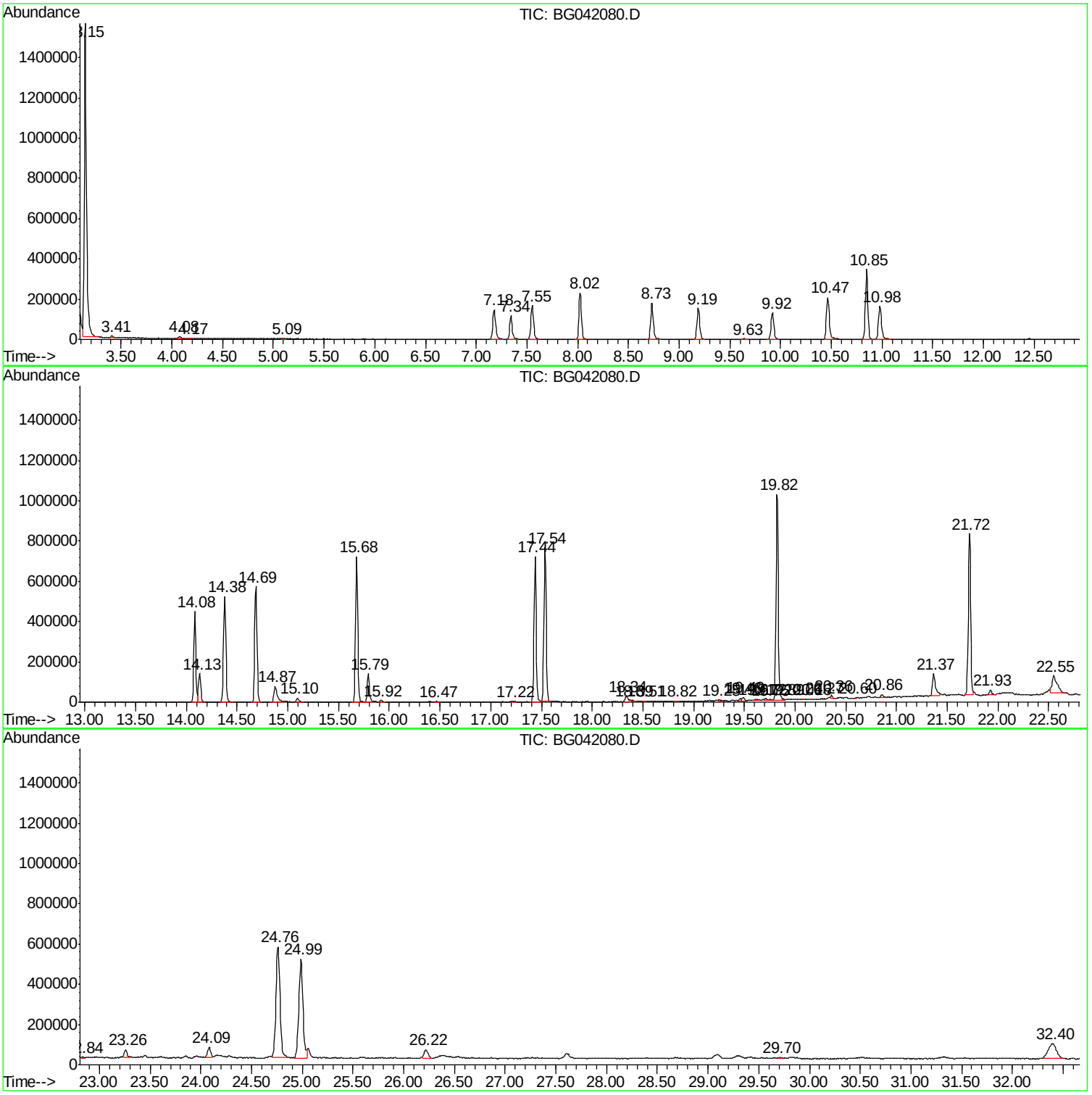
Instrument : BNA_G
ClientSampleId : JLLD3

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\BG080819\
Data File : BG042080.D
Acq On : 8 Aug 2019 23:16
Operator : HP/JU
Sample : K4116-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLD3

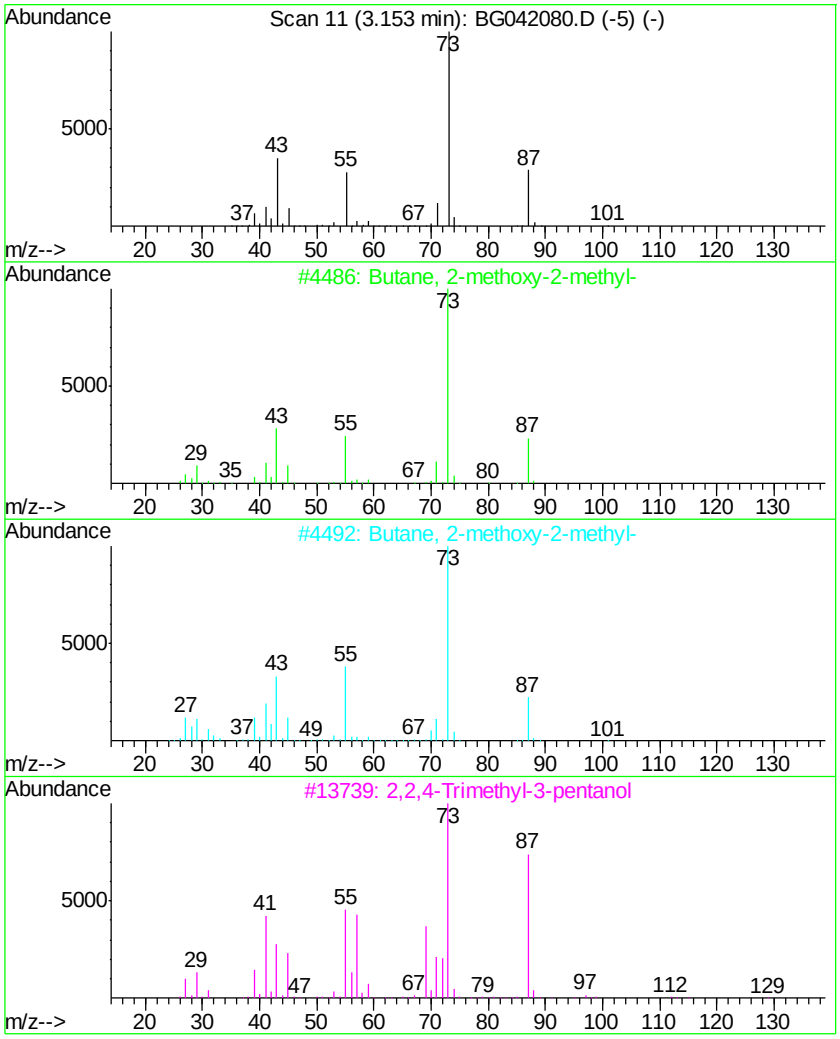
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

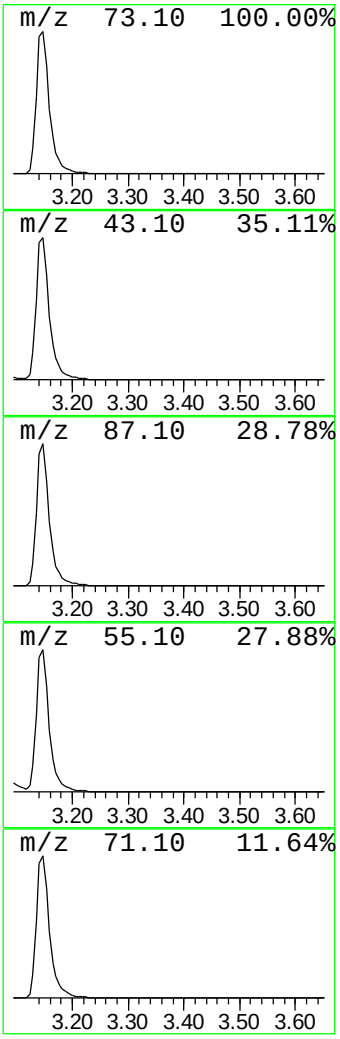
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	125.55 ng/ul	2532010	1,4-Dichlorobenzene-d4	8.02

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	59
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





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Instrument : BNA_G
ClientSampleId : JLLD3

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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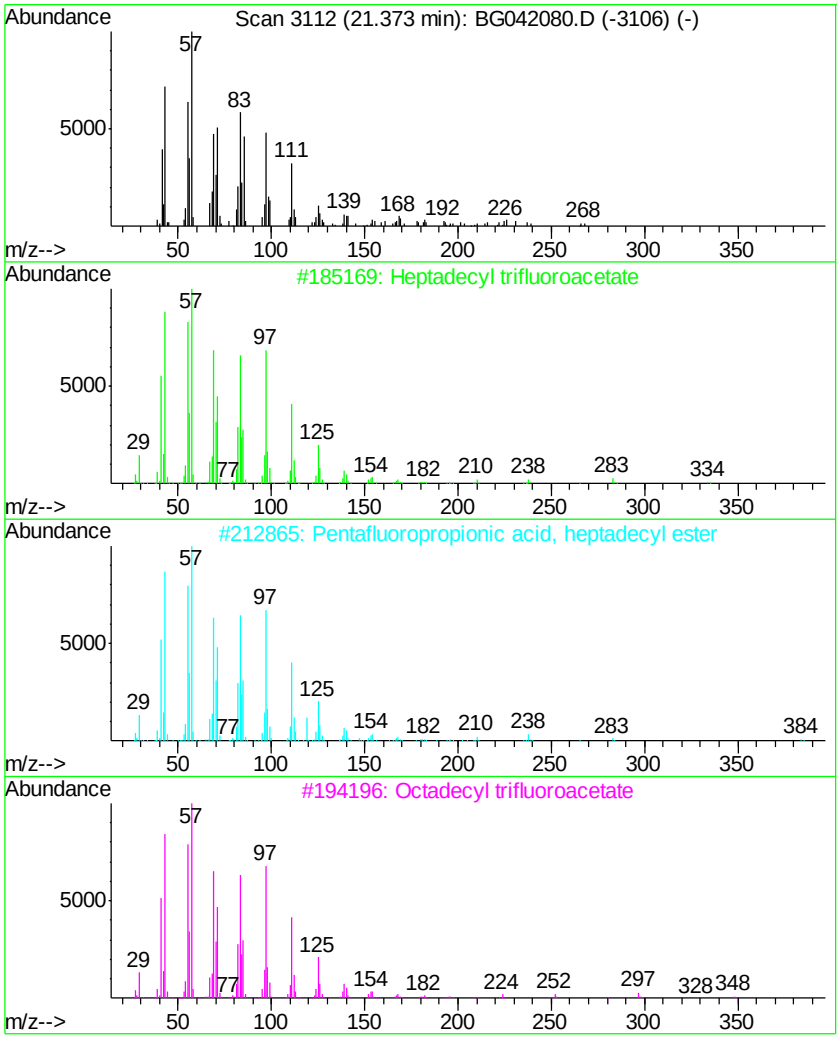
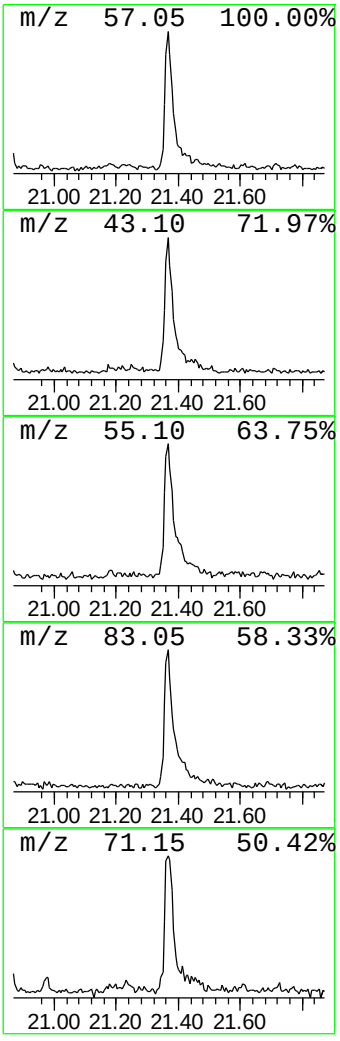
Peak Number 2 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.29 ng/ul	217726	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94





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

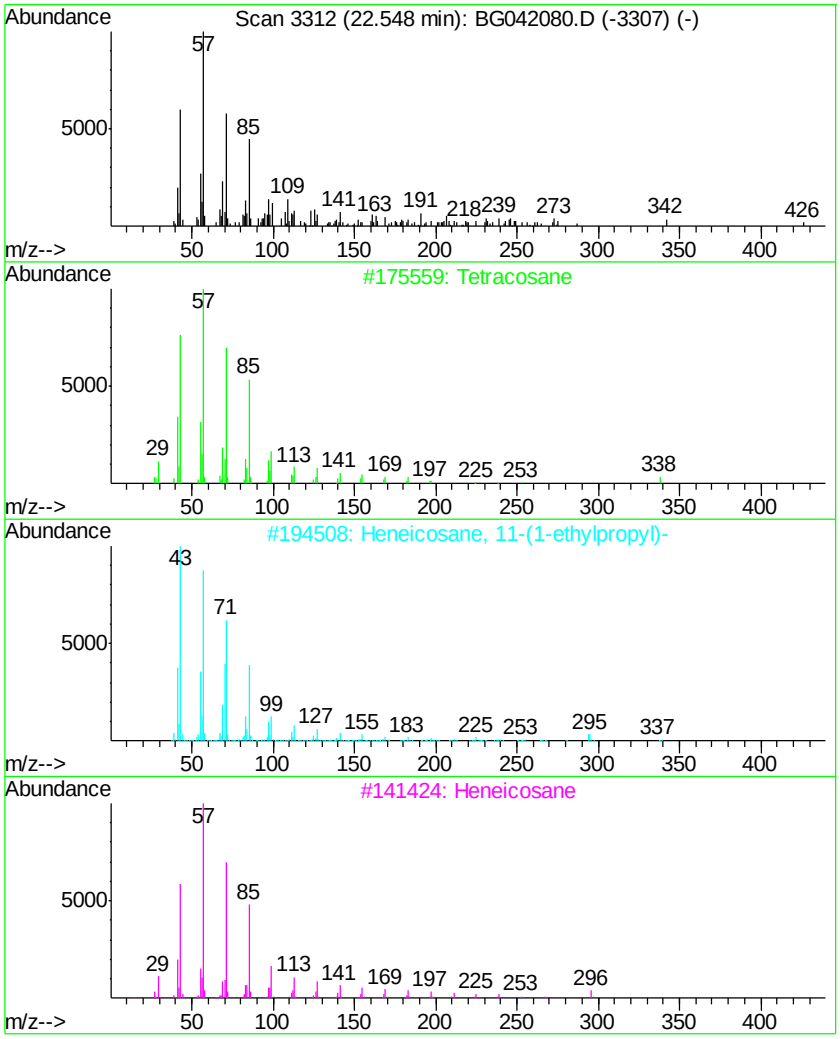
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

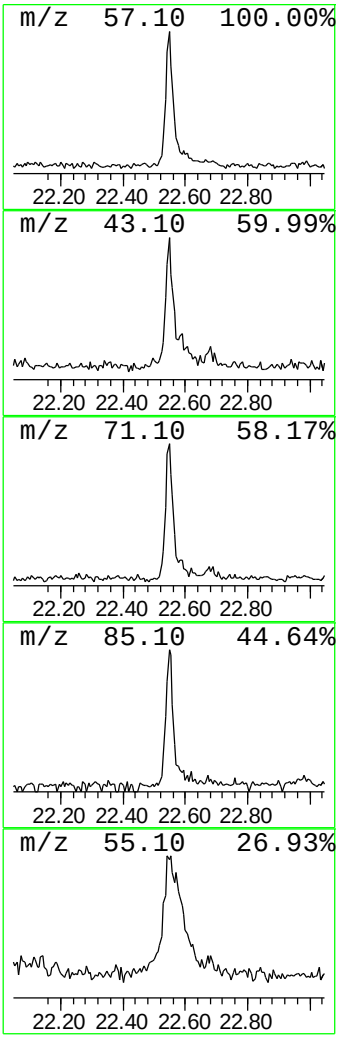
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	4.71 ng/ul	311242	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	62
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	62
3	Heneicosane	296	C21H44	000629-94-7	62
4	Octacosane	394	C28H58	000630-02-4	62
5	Tetratetracontane	619	C44H90	007098-22-8	62





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Instrument : BNA_G
ClientSampleId : JLLD3

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

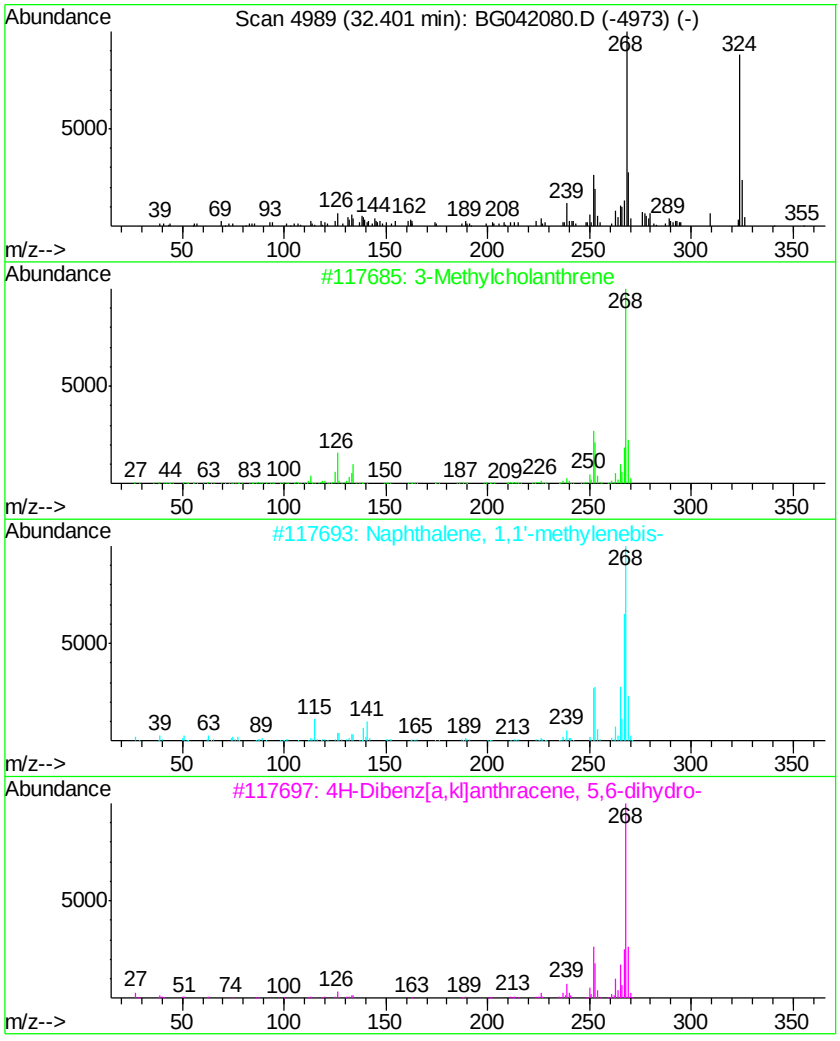
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

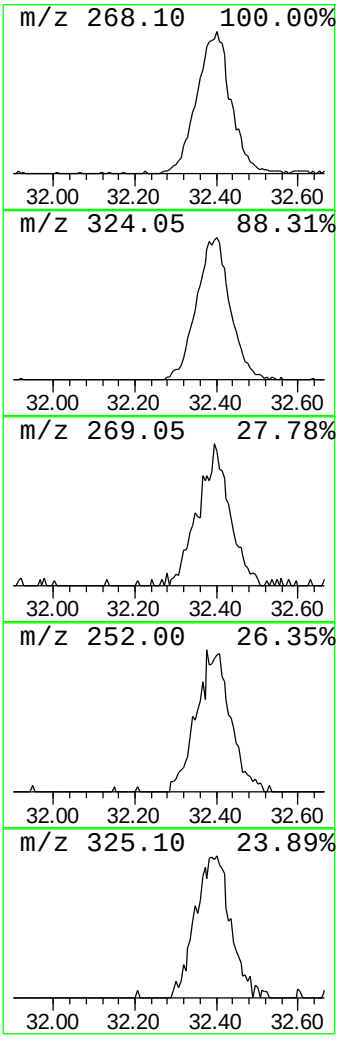
****

Peak Number 4 3-Methylcholanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.40	5.57 ng/ul	396963	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	89
2	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	64
3	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	64
4	3-Methylcholanthrene	268	C21H16	000056-49-5	58
5	[1,1':4',1''-Terphenyl]-4-carbon...	325	C24H23N	054211-46-0	50





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
Butane, 2-methoxy...	3.15	125.6	ng/ul	2532010	1	8.02	403342	20.0
Heptadecyl triflu...	21.37	3.3	ng/ul	217726	5	21.72	1321580	20.0
(DEL) Alkane: Str...	22.55	4.7	ng/ul	311242	5	21.72	1321580	20.0
3-Methylcholanthrene	32.40	5.6	ng/ul	396963	6	24.99	1425030	20.0