LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042223.D
Acq On : 15 Aug 2019 11:07
Operator : HP/JU
Sample : K4183-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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	3.141	5	9	29	rVB	1900466	3096259	100.00%	17.383%
2	3.405	51	54	61	rVB2	7783	12170	0.39%	0.068%
3	4.069	162	167	177	rVB	12939	23933	0.77%	0.134%
4	4.263	196	200	204	rVB6	3018	5090	0.16%	0.029%
5	5.091	337	341	347	rBV2	7320	11448	0.37%	0.064%
6	6.390	559	562	567	rVB4	3383	5509	0.18%	0.031%
7	6.660	601	608	612	rBV6	1821	3597	0.12%	0.020%
8	7.183	690	697	710	rBV	140982	312304	10.09%	1.753%
9	7.342	717	724	739	rBV	110780	203336	6.57%	1.142%
10	7.553	753	760	772	rBV	171663	306024	9.88%	1.718%
11	8.023	833	840	850	rBV	194015	336225	10.86%	1.888%
12	8.734	954	961	977	rBV	181906	362455	11.71%	2.035%
13	9.186	1031	1038	1051	rBV	143449	276391	8.93%	1.552%
14	9.627	1108	1113	1120	rVB5	2941	4569	0.15%	0.026%
15	9.921	1154	1163	1172	rBV	121403	229938	7.43%	1.291%
16	10.467	1249	1256	1277	rBV	180905	404858	13.08%	2.273%
17	10.849	1312	1321	1332	rBV	266782	501940	16.21%	2.818%
18	10.990	1336	1345	1353	rBV2	30002	67806	2.19%	0.381%
19	12.453	1588	1594	1600	rBV2	2869	5811	0.19%	0.033%
20	14.081	1865	1871	1876	rBV	382879	596448	19.26%	3.349%
21	14.128	1876	1879	1890	rVB	138565	205080	6.62%	1.151%
22	14.375	1913	1921	1933	rBV	502148	805325	26.01%	4.521%
23	14.592	1951	1958	1966	rBV	29091	51726	1.67%	0.290%
24	14.680	1967	1973	1985	rVB	429464	717915	23.19%	4.031%
25	14.892	2003	2009	2029	rBV2	47797	129801	4.19%	0.729%
26	15.532	2115	2118	2124	rVB5	2695	3722	0.12%	0.021%
27	15.679	2136	2143	2156	rBV	639159	1006713	32.51%	5.652%
28	15.796	2158	2163	2173	rBV	86410	143417	4.63%	0.805%
29	15.920	2180	2184	2191	rBV3	7482	10825	0.35%	0.061%
30	16.366	2253	2260	2273	rBV	98936	178468	5.76%	1.002%
31	16.460	2275	2276	2280	rVB2	3689	3523	0.11%	0.020%
32	16.560	2290	2293	2298	rVB4	1948	3449	0.11%	0.019%
33	16.672	2308	2312	2316	rVB	4593	5197	0.17%	0.029%
34	17.436	2435	2442	2452	rBV2	558001	852222	27.52%	4.785%

LSC Area Percent Report

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Sample : K4183-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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	17.536	2452	2459	2470	rVV	691824	1048747	33.87%	5.888%
36	18.329	2590	2594	2604	rBV5	13075	27626	0.89%	0.155%
37	18.399	2604	2606	2611	rVB2	5234	5308	0.17%	0.030%
38	18.628	2640	2645	2649	rBV7	3419	5513	0.18%	0.031%
39	18.669	2649	2652	2658	rVB4	2901	5509	0.18%	0.031%
40	19.245	2744	2750	2754	rBV6	3864	6390	0.21%	0.036%
41	19.463	2782	2787	2789	rBV2	11096	14922	0.48%	0.084%
42	19.486	2789	2791	2797	rVB3	6981	10084	0.33%	0.057%
43	19.709	2826	2829	2833	rVB2	7333	8729	0.28%	0.049%
44	19.821	2842	2848	2862	rBV	890514	1325065	42.80%	7.439%
45	20.356	2936	2939	2943	rVB5	13643	15534	0.50%	0.087%
46	20.849	3021	3023	3028	rVB6	11377	13360	0.43%	0.075%
47	21.366	3105	3111	3133	rBV4	103533	342615	11.07%	1.924%
48	21.719	3164	3171	3180	rBV	558677	983354	31.76%	5.521%
49	21.919	3201	3205	3210	rBV3	18973	29660	0.96%	0.167%
50	22.541	3306	3311	3313	rBV2	41015	67564	2.18%	0.379%
51	23.241	3425	3430	3438	rVB	49240	92529	2.99%	0.519%
52	24.069	3564	3571	3580	rVB	87876	197566	6.38%	1.109%
53	24.756	3678	3688	3707	rVB	449906	1306204	42.19%	7.333%
54	24.980	3717	3726	3743	rVB3	342439	1133149	36.60%	6.362%
55	26.202	3924	3934	3944	rVB2	68580	221455	7.15%	1.243%
56	27.577	4160	4168	4170	rBV5	32617	67636	2.18%	0.380%

Sum of corrected areas: 17812013

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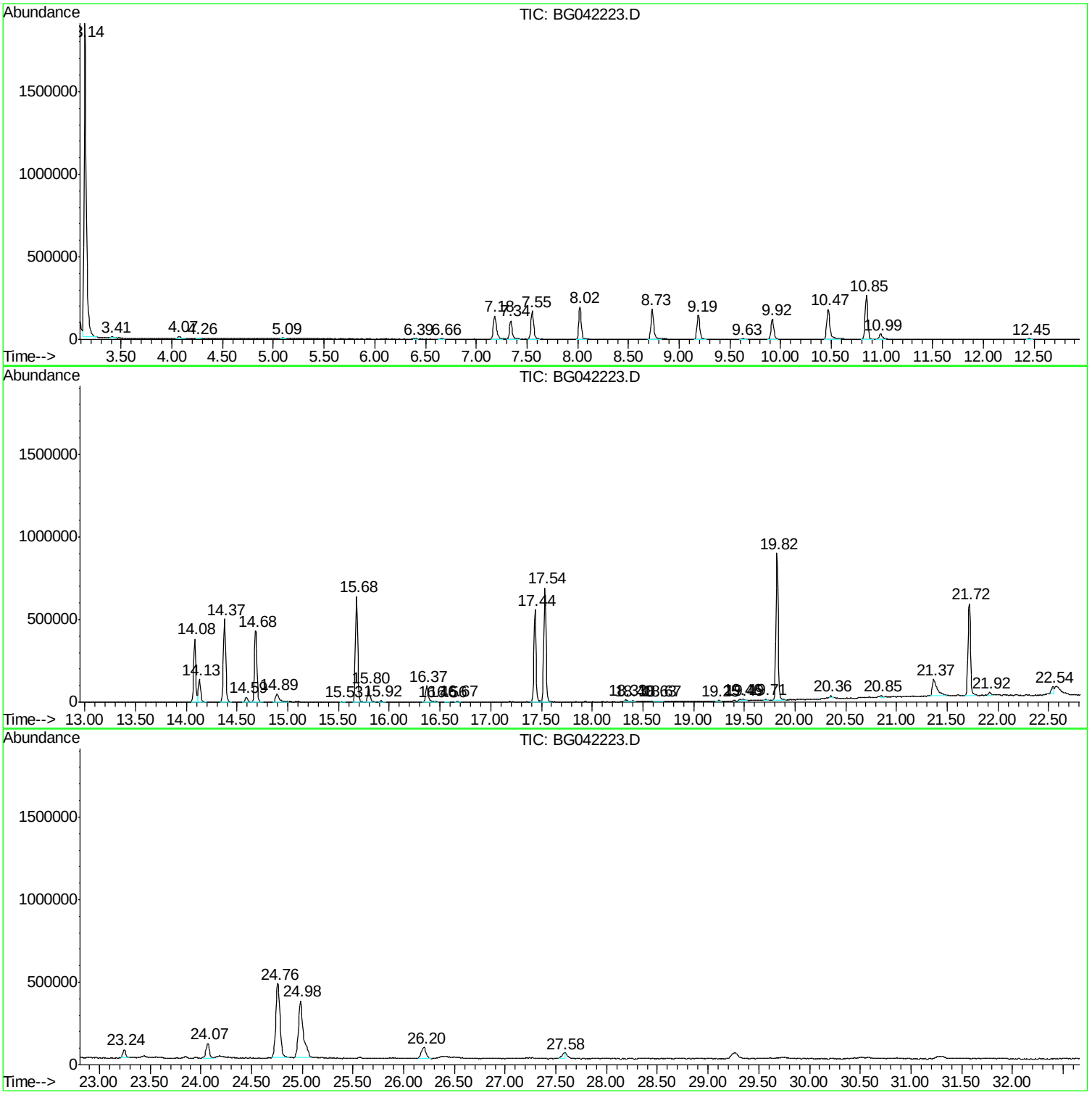
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE8

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\BG081519\
Data File : BG042223.D
Acq On : 15 Aug 2019 11:07
Operator : HP/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

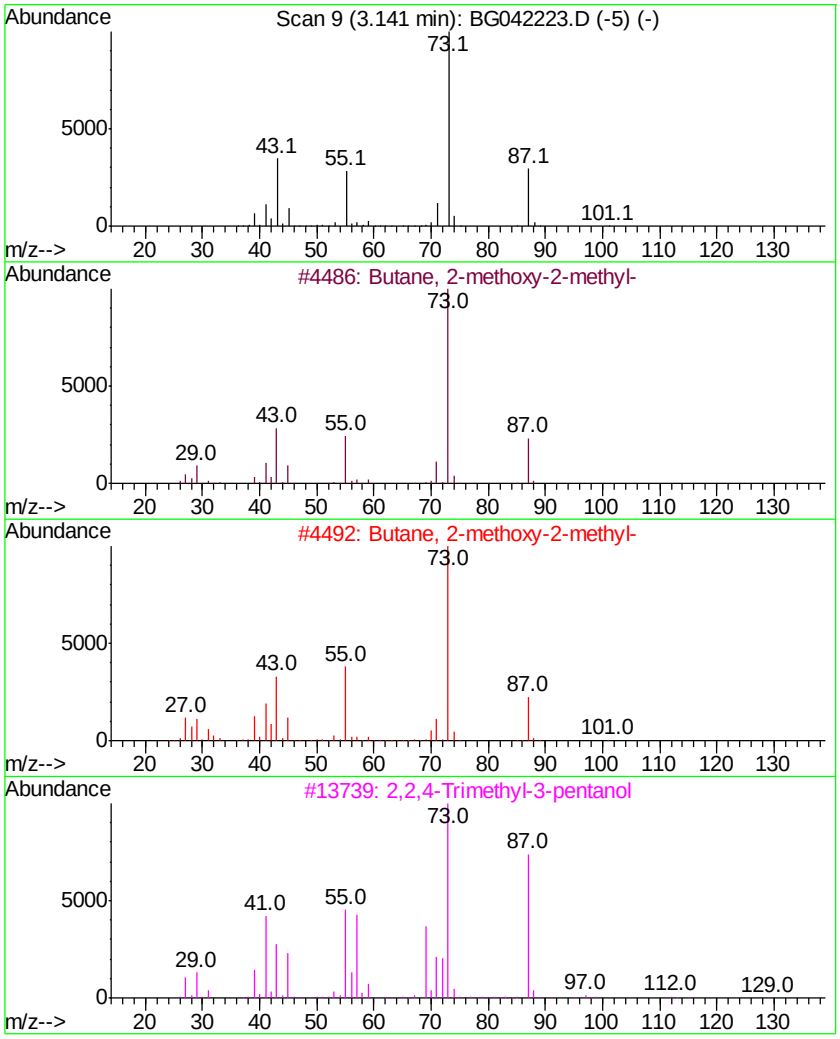
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

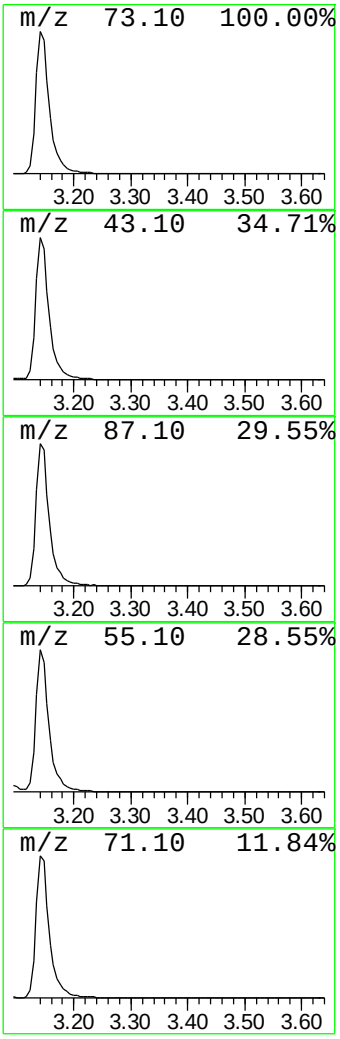
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	184.18 ng/ul	3096260	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	74
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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Operator : HP/JU
Sample : K4183-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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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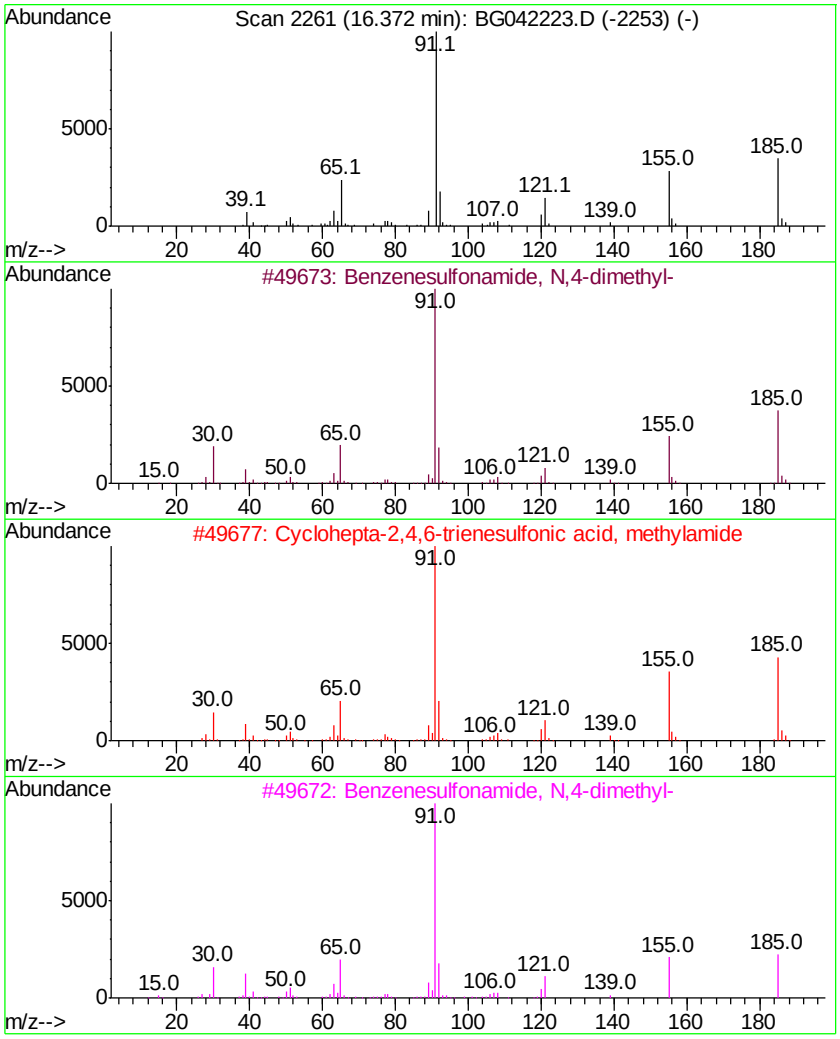
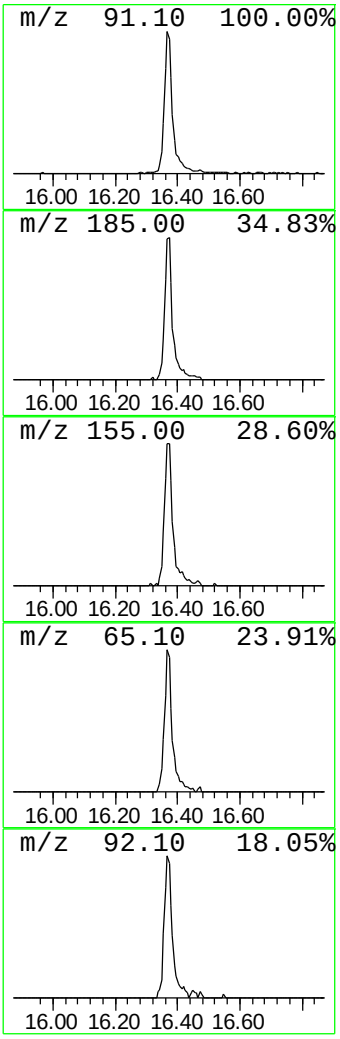
Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.19 ng/ul	178468	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	91
3	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	91
4	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	50
5	Benzenesulfonyl chloride, 4-methyl-	190	C7H7ClO2S	000098-59-9	47





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Sample : K4183-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

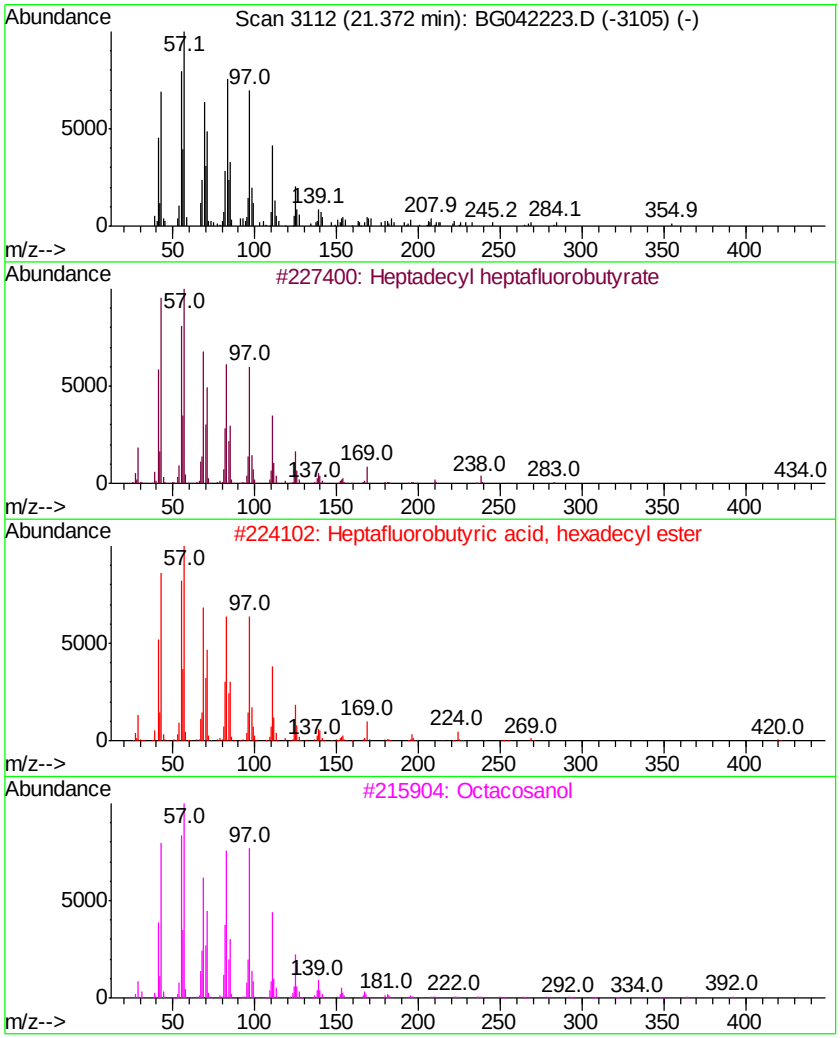
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

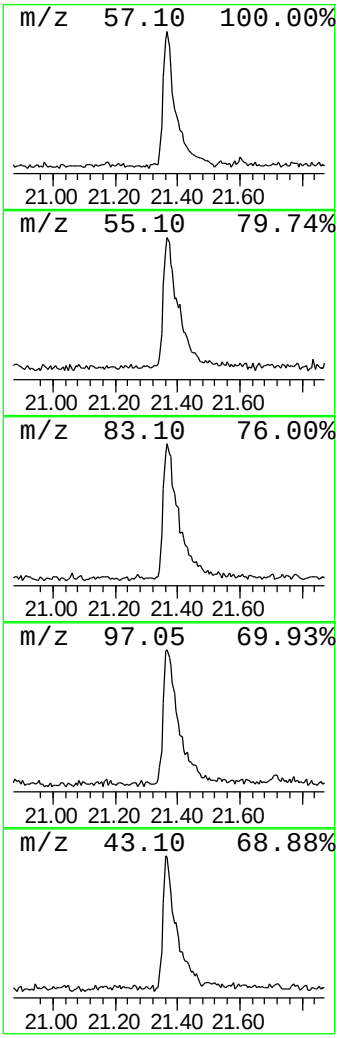
****

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.97 ng/ul	342615	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Octacosanol	410	C28H58O	000557-61-9	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





Library Search Compound Report

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Data File : BG042223.D
Acq On : 15 Aug 2019 11:07
Operator : HP/JU
Sample : K4183-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

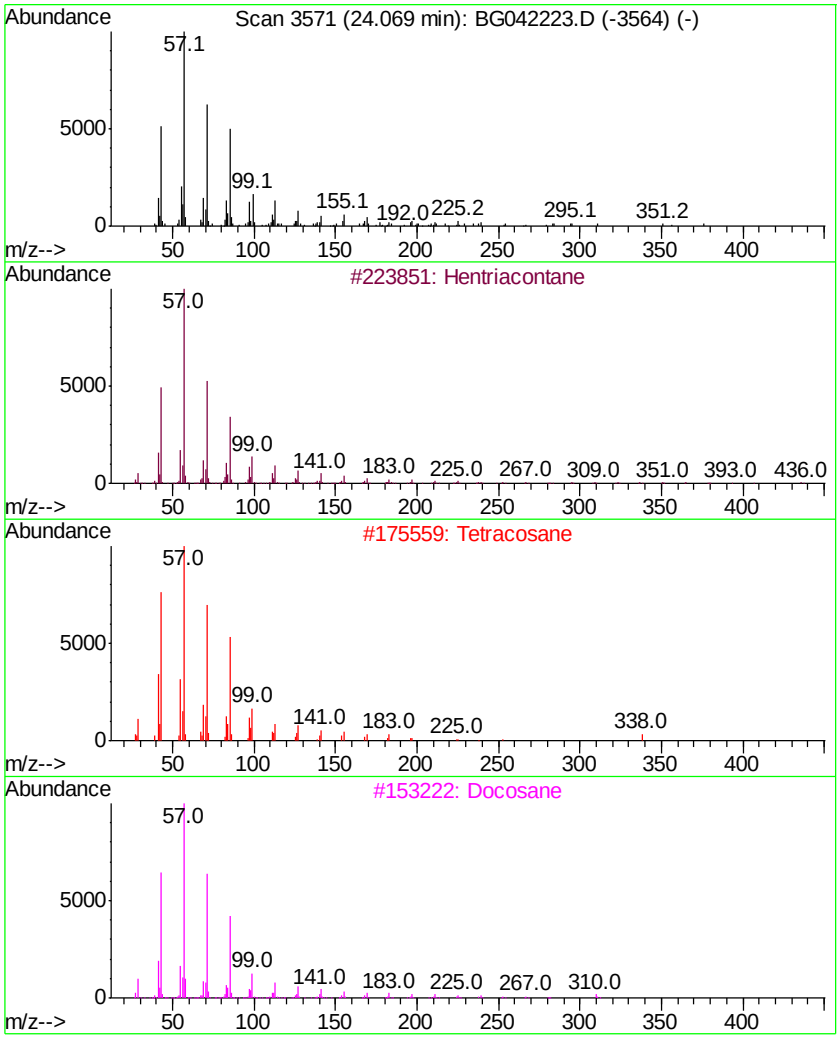
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

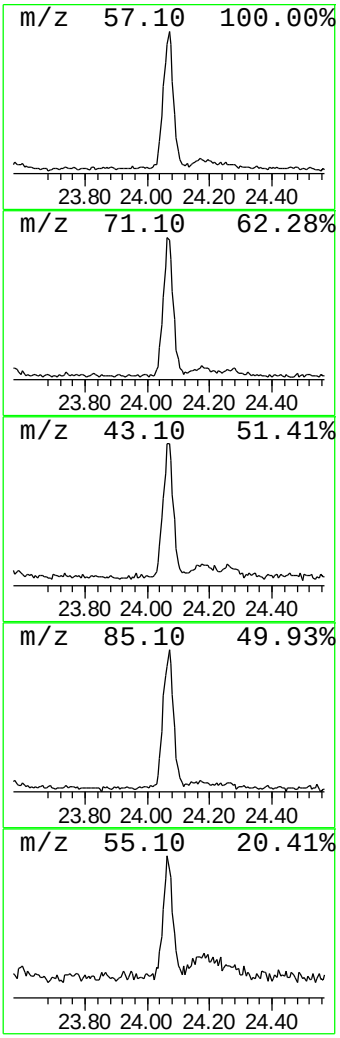
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.49 ng/ul	197566	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane	310	C22H46	000629-97-0	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

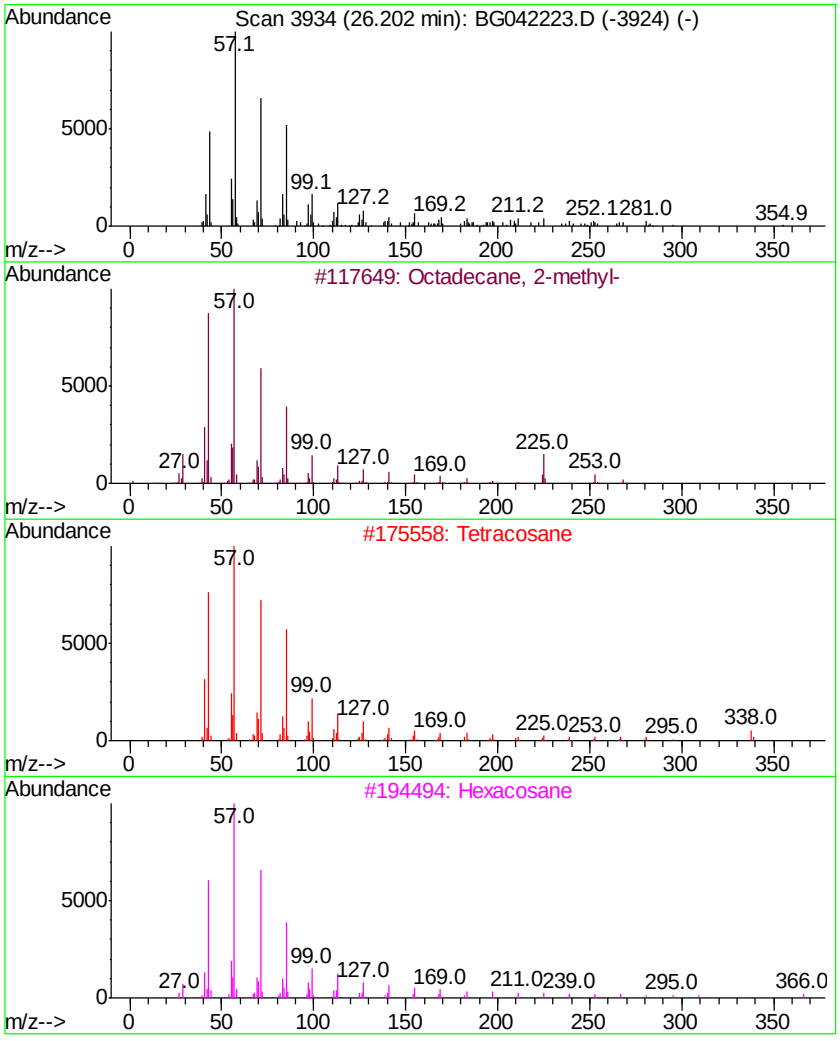
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

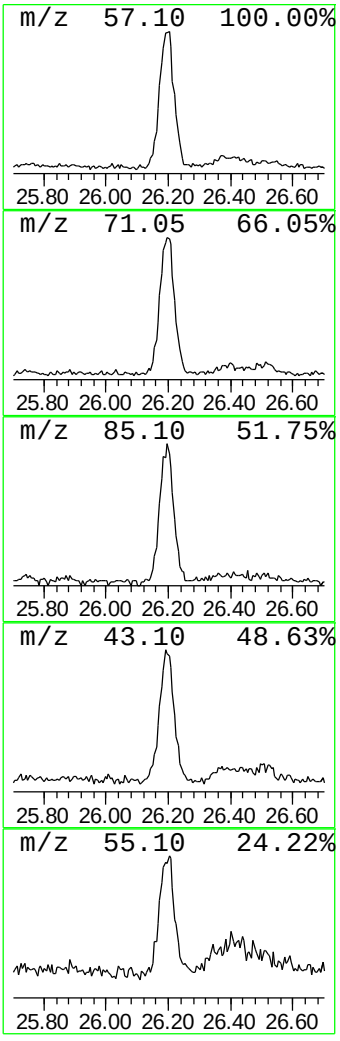
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	3.91 ng/ul	221455	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
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Instrument : BNA_G
ClientSampleId : C0AE8

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	184.2	ng/ul	3096260	1	8.02	336225	20.0
Benzenesulfonamid...	16.37	4.2	ng/ul	178468	4	17.44	852222	20.0
Heptadecyl heptaf...	21.37	7.0	ng/ul	342615	5	21.72	983354	20.0
(DEL) Alkane: Str...	24.07	3.5	ng/ul	197566	6	24.98	1133150	20.0
(DEL) Alkane: Str...	26.20	3.9	ng/ul	221455	6	24.98	1133150	20.0