LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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	4	9	28	rVB	1858496	2972849	100.00%	18.305%
2	3.406	51	54	60	rVB5	6764	10689	0.36%	0.066%
3	3.941	142	145	150	rVB4	2394	3790	0.13%	0.023%
4	4.070	163	167	174	rVB2	13144	21793	0.73%	0.134%
5	4.264	197	200	205	rVB3	3283	4919	0.17%	0.030%
6	4.622	257	261	267	rVB4	1988	3043	0.10%	0.019%
7	5.092	337	341	347	rBV2	9150	16198	0.54%	0.100%
8	6.391	556	562	565	rBV3	3909	6616	0.22%	0.041%
9	7.178	688	696	711	rBV	111656	234209	7.88%	1.442%
10	7.342	718	724	735	rBV	87444	160761	5.41%	0.990%
11	7.554	752	760	769	rBV	131454	244935	8.24%	1.508%
12	8.024	833	840	848	rBV	205252	364404	12.26%	2.244%
13	8.735	954	961	978	rBV	145297	294761	9.92%	1.815%
14	8.852	978	981	986	rVB4	1625	3243	0.11%	0.020%
15	9.187	1031	1038	1048	rBV	110568	216816	7.29%	1.335%
16	9.628	1108	1113	1117	rBV2	2747	3849	0.13%	0.024%
17	9.922	1156	1163	1175	rBV	98717	188787	6.35%	1.162%
18	10.468	1248	1256	1276	rBV	156516	329412	11.08%	2.028%
19	10.850	1313	1321	1332	rBV	298152	544428	18.31%	3.352%
20	10.979	1336	1343	1358	rVV2	118579	267486	9.00%	1.647%
21	12.448	1588	1593	1602	rVB4	3139	6454	0.22%	0.040%
22	14.082	1865	1871	1876	rBV	315657	483839	16.28%	2.979%
23	14.129	1876	1879	1893	rVB	111922	169120	5.69%	1.041%
24	14.375	1914	1921	1934	rBV2	395285	635273	21.37%	3.912%
25	14.681	1967	1973	1985	rBV	486107	794536	26.73%	4.892%
26	14.887	2001	2008	2019	rBV	51351	133622	4.49%	0.823%
27	15.680	2136	2143	2157	rBV	502088	791933	26.64%	4.876%
28	15.797	2157	2163	2171	rBV	74627	122160	4.11%	0.752%
29	15.921	2179	2184	2188	rVB2	4907	6597	0.22%	0.041%
30	16.461	2272	2276	2281	rVB2	2032	3230	0.11%	0.020%
31	17.190	2396	2400	2404	rBV3	1409	3080	0.10%	0.019%
32	17.231	2404	2407	2413	rVB3	2276	3814	0.13%	0.023%
33	17.436	2435	2442	2452	rBV2	611560	925570	31.13%	5.699%
34	17.536	2452	2459	2471	rVB	504394	802054	26.98%	4.938%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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	18.330	2589	2594	2602	rBV5	9453	20450	0.69%	0.126%
36	18.400	2604	2606	2611	rVB2	3677	3999	0.13%	0.025%
37	18.623	2641	2644	2648	rBV4	2487	3802	0.13%	0.023%
38	18.676	2648	2653	2663	rVB7	4976	10519	0.35%	0.065%
39	19.252	2747	2751	2754	rVB5	2914	3794	0.13%	0.023%
40	19.464	2782	2787	2789	rBV	8361	11751	0.40%	0.072%
41	19.710	2825	2829	2832	rBV2	5492	6880	0.23%	0.042%
42	19.822	2842	2848	2858	rBV	718788	1018832	34.27%	6.273%
43	20.045	2883	2886	2891	rBV8	2941	5274	0.18%	0.032%
44	20.357	2933	2939	2942	rBV	18678	22574	0.76%	0.139%
45	20.850	3020	3023	3027	rVB3	13865	16813	0.57%	0.104%
46	21.367	3106	3111	3127	rBV4	70780	216191	7.27%	1.331%
47	21.608	3149	3152	3157	rVB5	8065	10091	0.34%	0.062%
48	21.720	3163	3171	3182	rBV	643698	1081960	36.39%	6.662%
49	21.919	3201	3205	3209	rVB	24312	34453	1.16%	0.212%
50	22.536	3306	3310	3313	rBV2	44590	80624	2.71%	0.496%
51	22.572	3313	3316	3332	rVB5	62718	201102	6.76%	1.238%
52	23.247	3425	3431	3438	rVB2	49780	95908	3.23%	0.591%
53	24.070	3564	3571	3578	rVB2	75880	166584	5.60%	1.026%
54	24.757	3678	3688	3702	rBV	348897	993618	33.42%	6.118%
55	24.986	3716	3727	3747	rBV2	381226	1257076	42.29%	7.740%
56	26.197	3924	3933	3943	rVB2	65196	204395	6.88%	1.259%

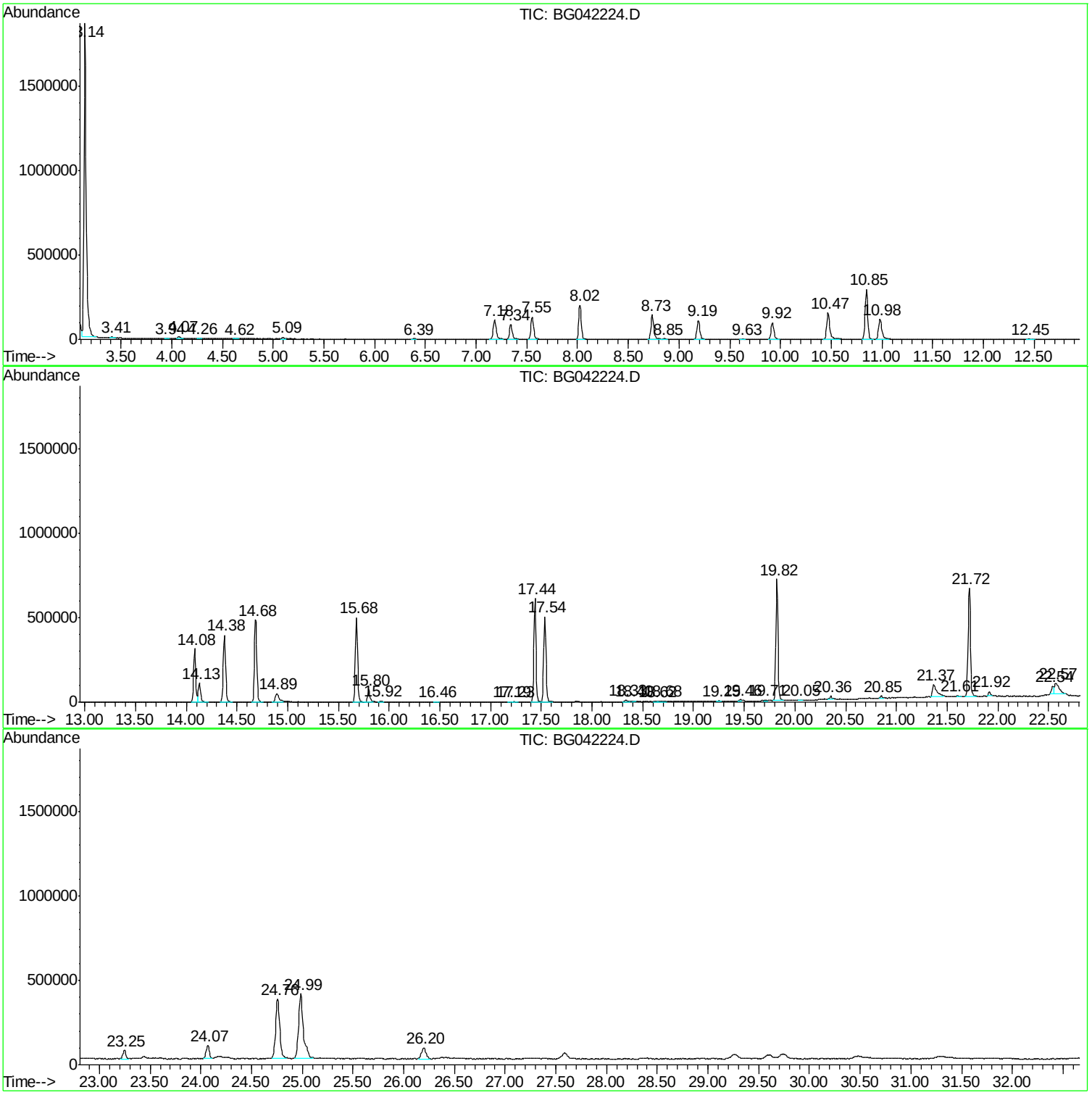
Sum of corrected areas: 16240960

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF1

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 : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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

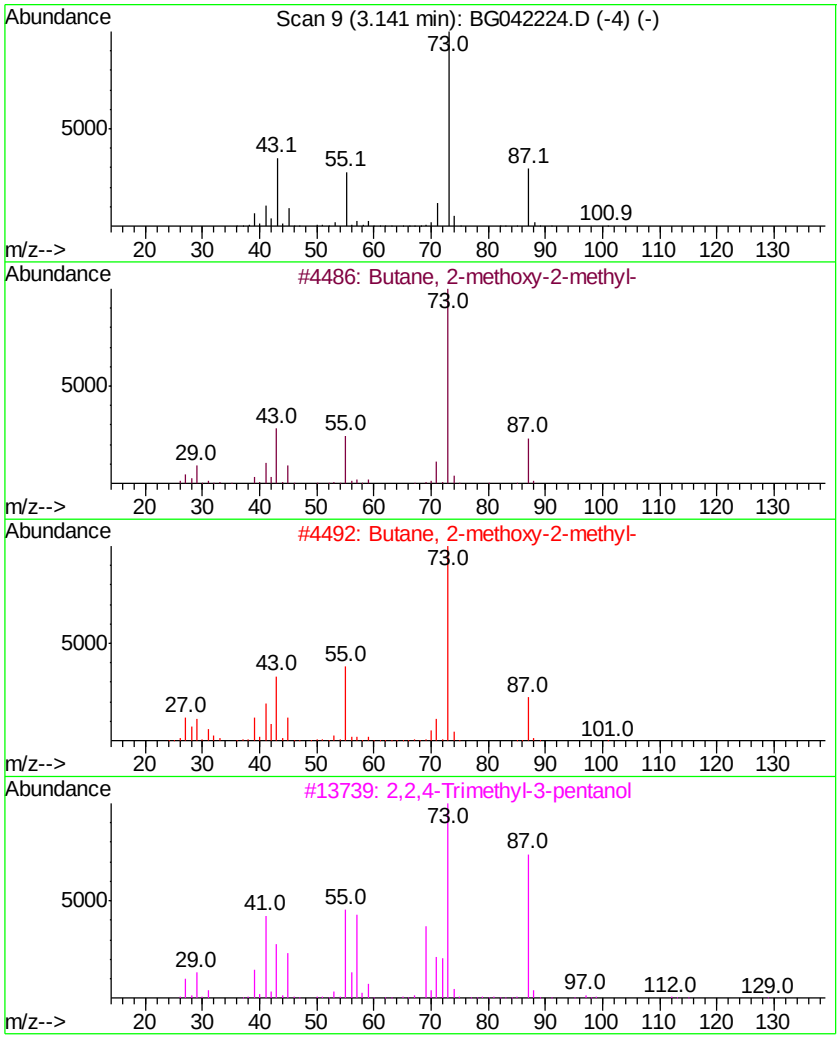
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

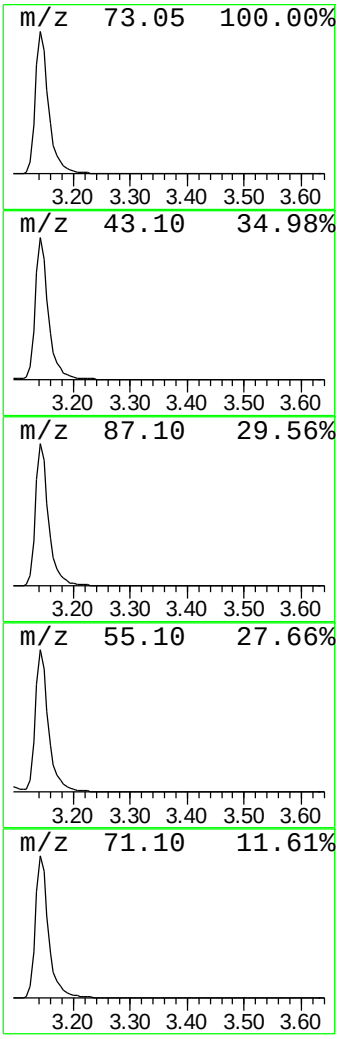
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	163.16 ng/ul	2972850	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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

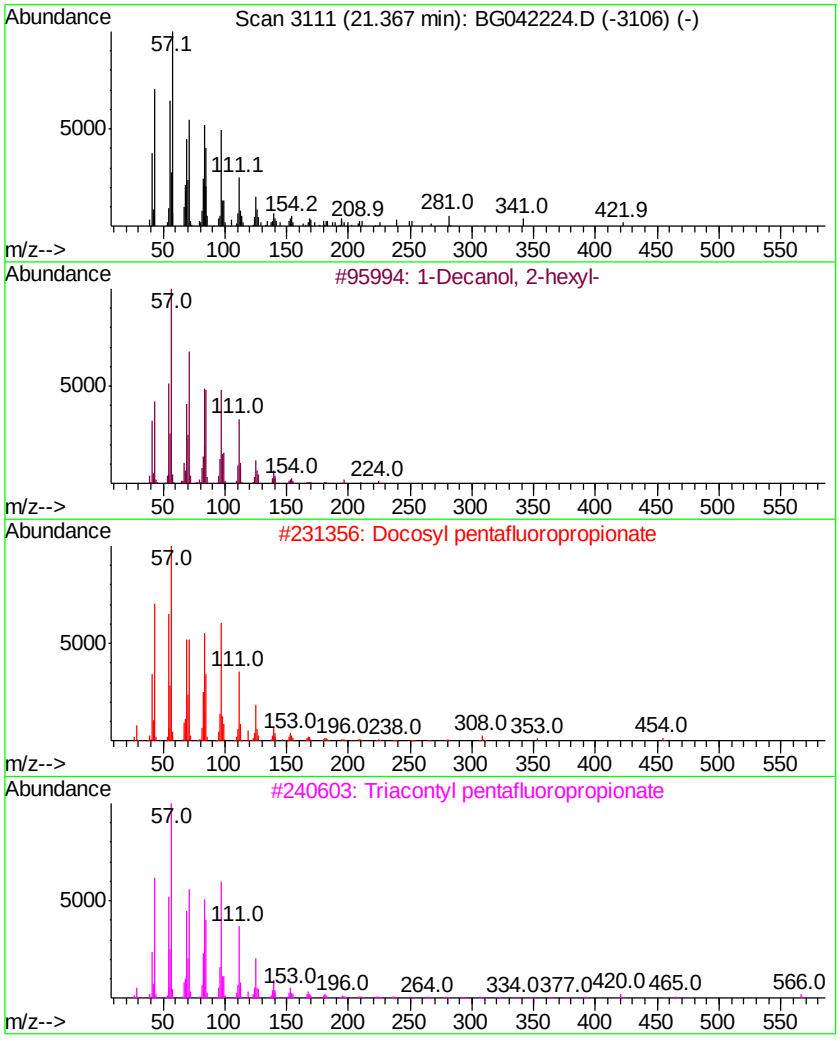
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

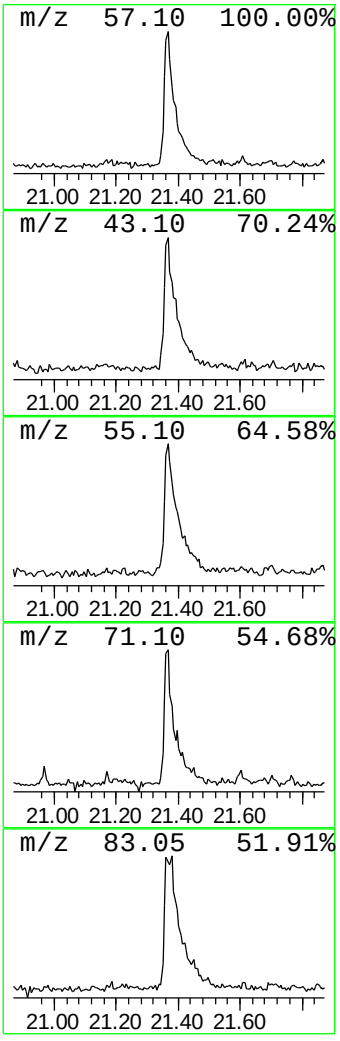
****

Peak Number 2 1-Decanol, 2-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.00 ng/ul	216191	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	87
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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

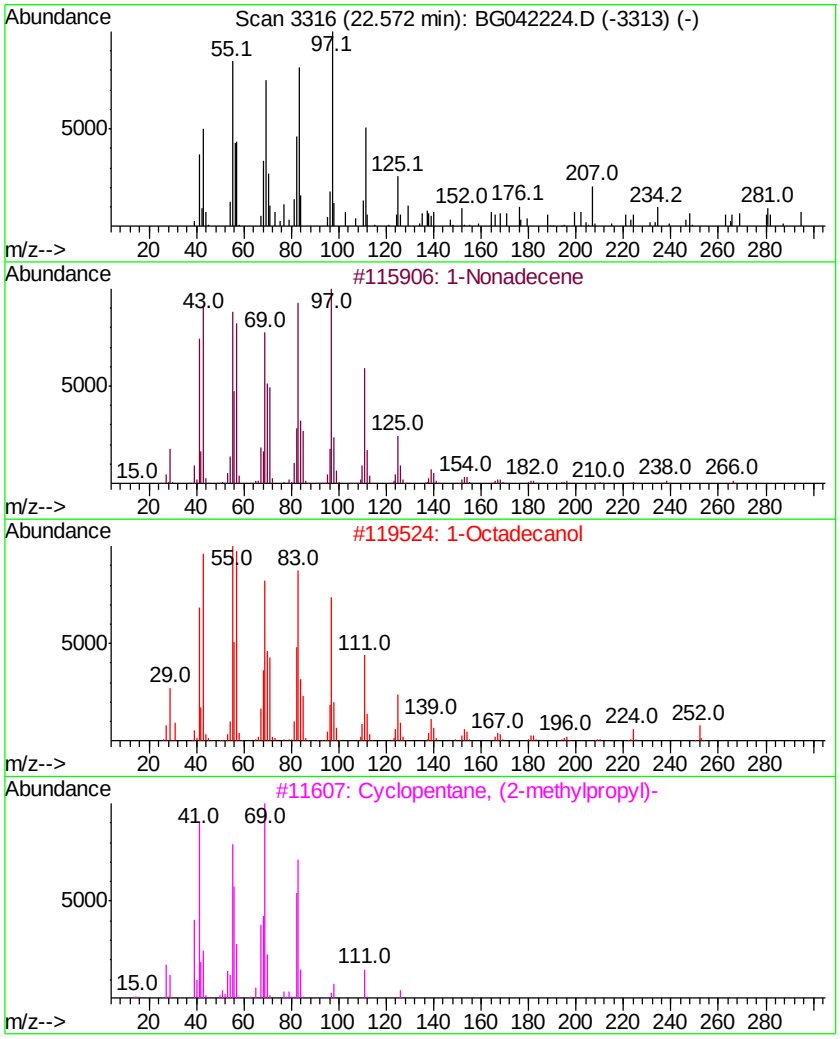
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

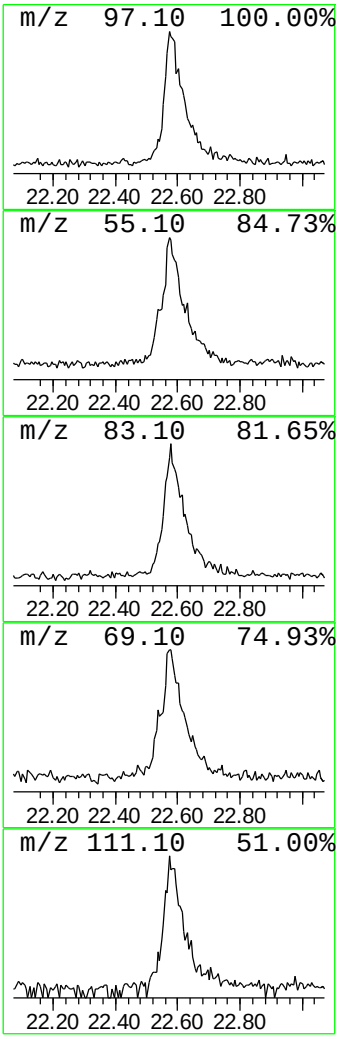
****

Peak Number 3 (DEL) Alkane: Cyclic22.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.72 ng/ul	201102	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	80
2	1-Octadecanol	270	C18H38O	000112-92-5	72
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	50
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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

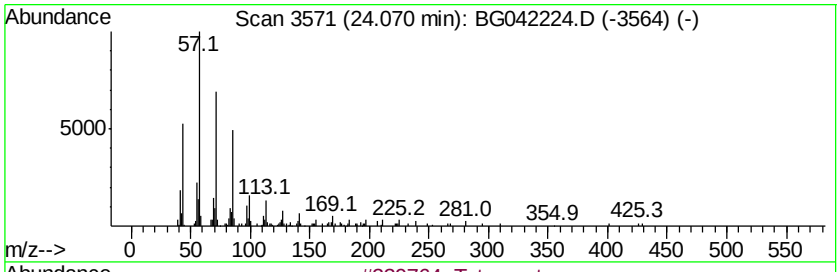
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

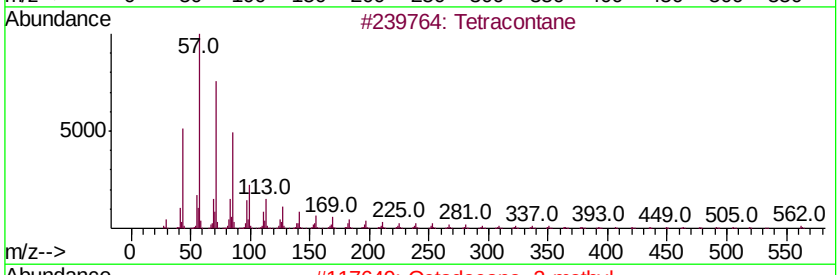
****

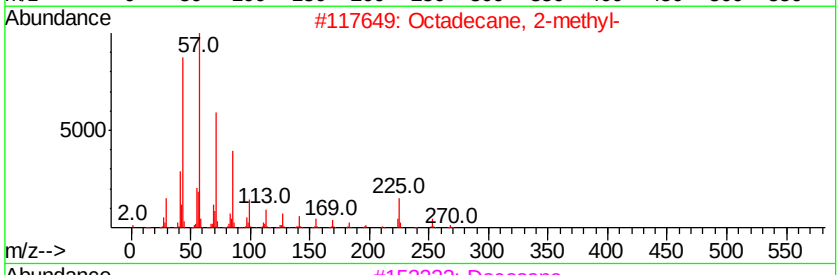
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

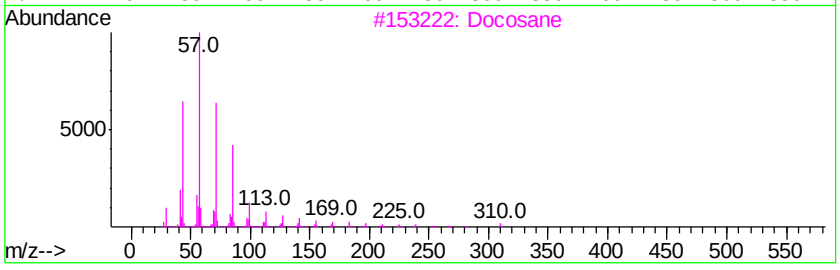
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.65 ng/ul	166584	Perylene-d12	24.99

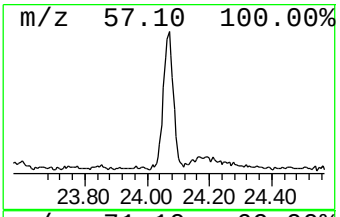
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane	563	C40H82	004181-95-7	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Docosane	310	C22H46	000629-97-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Triacontane	422	C30H62	000638-68-6	90

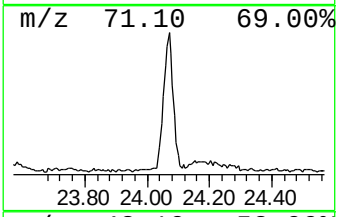


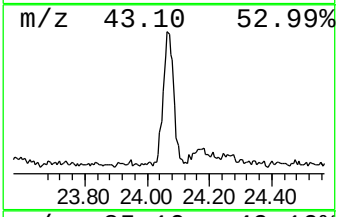


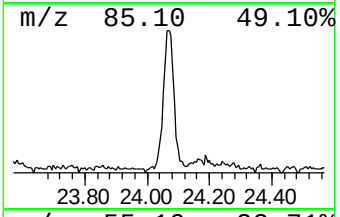


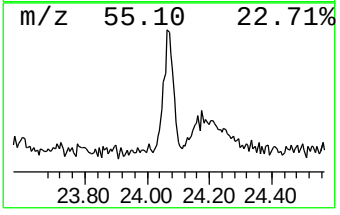












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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

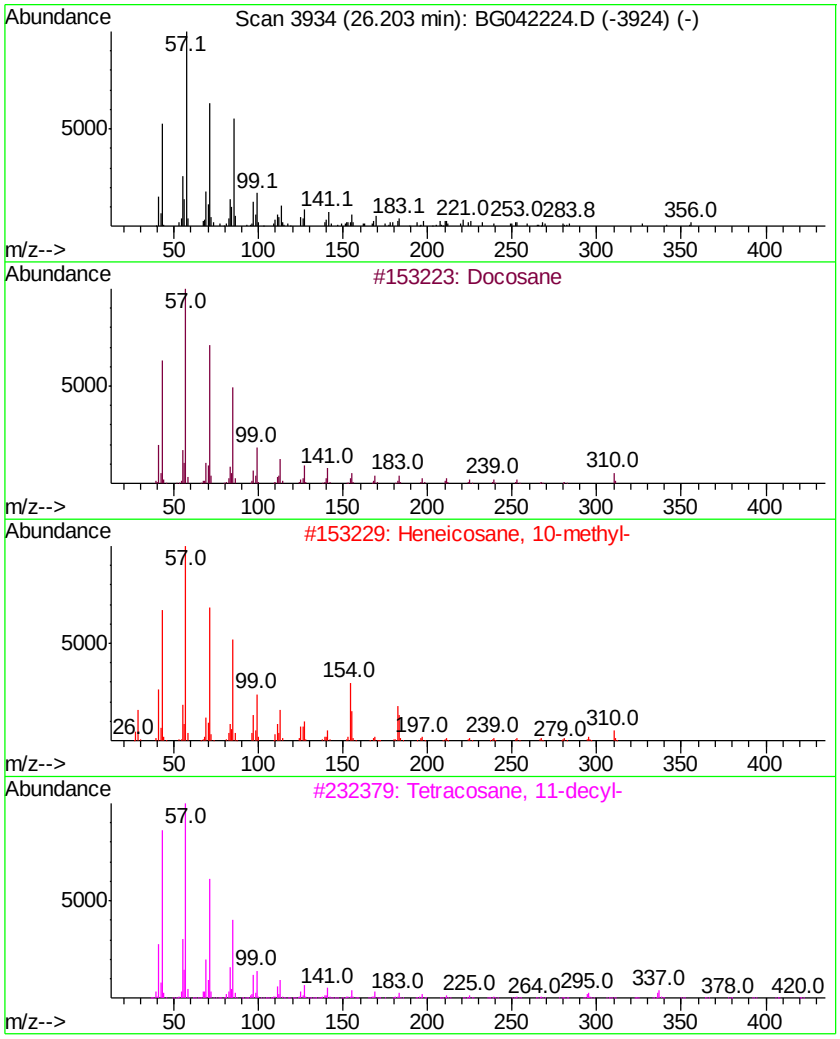
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

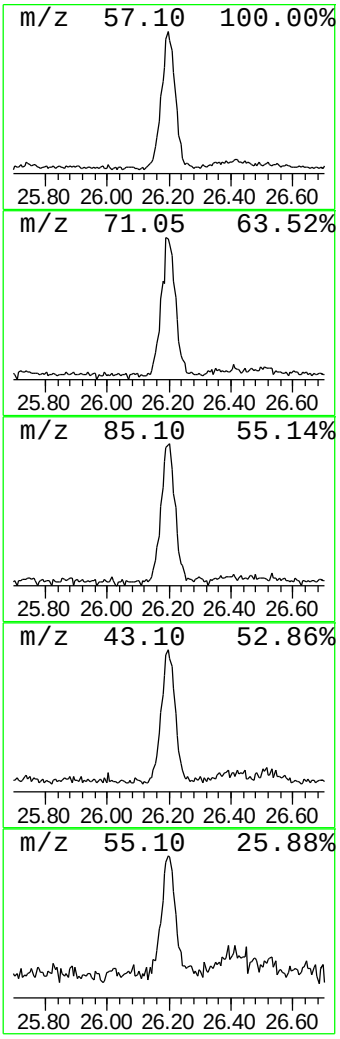
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	3.25 ng/ul	204395	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
Data File : BG042224.D
Acq On : 15 Aug 2019 11:46
Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF1

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	163.2	ng/ul	2972850	1	8.02	364404	20.0
1-Decanol, 2-hexyl-	21.37	4.0	ng/ul	216191	5	21.72	1081960	20.0
(DEL) Alkane: Cyc...	22.57	3.7	ng/ul	201102	5	21.72	1081960	20.0
(DEL) Alkane: Str...	24.07	2.6	ng/ul	166584	6	24.99	1257080	20.0
(DEL) Alkane: Str...	26.20	3.3	ng/ul	204395	6	24.99	1257080	20.0