LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT 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	18	rBV	112252	194668	4.38%	0.611%
2	3.218	18	22	40	rVB	243412	345779	7.77%	1.086%
3	5.668	430	439	448	rBV	1108296	1804317	40.57%	5.666%
4	7.278	705	713	724	rBV	1218127	2137526	48.06%	6.713%
5	7.660	769	778	788	rBV	1194768	1984281	44.61%	6.231%
6	8.130	852	858	869	rVB	216256	372859	8.38%	1.171%
7	8.453	906	913	921	rVB	808740	1407522	31.65%	4.420%
8	9.311	1050	1059	1069	rBV	740826	1328199	29.86%	4.171%
9	10.956	1332	1339	1346	rBV	299761	527409	11.86%	1.656%
10	13.388	1743	1753	1763	rBV	2004642	3048611	68.54%	9.574%
11	14.205	1886	1892	1899	rBV	217568	318218	7.15%	0.999%
12	14.763	1980	1987	1995	rVB2	513394	803302	18.06%	2.523%
13	16.250	2232	2240	2247	rBV	1872692	2804709	63.06%	8.808%
14	17.507	2447	2454	2459	rBV2	709730	1072387	24.11%	3.368%
15	17.548	2459	2461	2469	rVB	74884	91087	2.05%	0.286%
16	18.359	2593	2599	2607	rBV2	342702	543885	12.23%	1.708%
17	18.424	2607	2610	2615	rVB2	46040	70974	1.60%	0.223%
18	18.565	2630	2634	2639	rBV2	54358	100492	2.26%	0.316%
19	18.870	2681	2686	2690	rBV	39154	52037	1.17%	0.163%
20	18.911	2690	2693	2698	rVV3	33614	51613	1.16%	0.162%
21	19.281	2751	2756	2761	rBV3	59404	102286	2.30%	0.321%
22	19.428	2775	2781	2787	rBV5	42042	90009	2.02%	0.283%
23	19.546	2797	2801	2807	rVB	203850	306518	6.89%	0.963%
24	19.622	2807	2814	2823	rBV4	100477	186678	4.20%	0.586%
25	19.698	2823	2827	2831	rBV	37117	55113	1.24%	0.173%
26	19.810	2839	2846	2850	rBV2	33420	62999	1.42%	0.198%
27	19.910	2858	2863	2869	rVB	408265	605669	13.62%	1.902%
28	19.975	2869	2874	2879	rBV2	30653	44483	1.00%	0.140%
29	20.104	2889	2896	2907	rVB	3319314	4447777	100.00%	13.968%
30	20.233	2913	2918	2924	rVB2	47552	102175	2.30%	0.321%
31	20.374	2935	2942	2952	rVB5	67780	209013	4.70%	0.656%
32	20.556	2969	2973	2982	rVB	80778	138385	3.11%	0.435%
33	20.697	2992	2997	3001	rBV	94682	132900	2.99%	0.417%
34	20.738	3001	3004	3013	rVB	70694	107512	2.42%	0.338%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.167	3073	3077	3084	rVB	43130	79095	1.78%	0.248%
36	21.385	3110	3114	3121	rBV2	195608	343654	7.73%	1.079%
37	21.790	3173	3183	3188	rBV2	750247	1589252	35.73%	4.991%
38	21.837	3188	3191	3198	rVB	193842	295651	6.65%	0.928%
39	21.937	3205	3208	3213	rVB4	33159	47038	1.06%	0.148%
40	22.060	3224	3229	3243	rVB	69250	170391	3.83%	0.535%
41	22.542	3302	3311	3314	rBV3	45973	135489	3.05%	0.425%
42	22.619	3319	3324	3334	rVB4	46549	108511	2.44%	0.341%
43	22.713	3335	3340	3346	rBV5	22100	50440	1.13%	0.158%
44	23.277	3430	3436	3449	rVB6	84896	210636	4.74%	0.661%
45	23.476	3467	3470	3481	rVB6	61086	130375	2.93%	0.409%
46	24.064	3561	3570	3577	rBV2	133726	492916	11.08%	1.548%
47	24.340	3611	3617	3623	rVB4	34796	79695	1.79%	0.250%
48	24.822	3690	3699	3711	rVB	136106	373234	8.39%	1.172%
49	24.975	3716	3725	3733	rVB2	144791	394262	8.86%	1.238%
50	25.139	3741	3753	3762	rBV2	390041	1214779	27.31%	3.815%
51	28.970	4394	4405	4423	rVB3	65921	313015	7.04%	0.983%
52	29.640	4512	4519	4523	rBV8	17262	48108	1.08%	0.151%
53	30.174	4601	4610	4611	rBV2	51797	115047	2.59%	0.361%

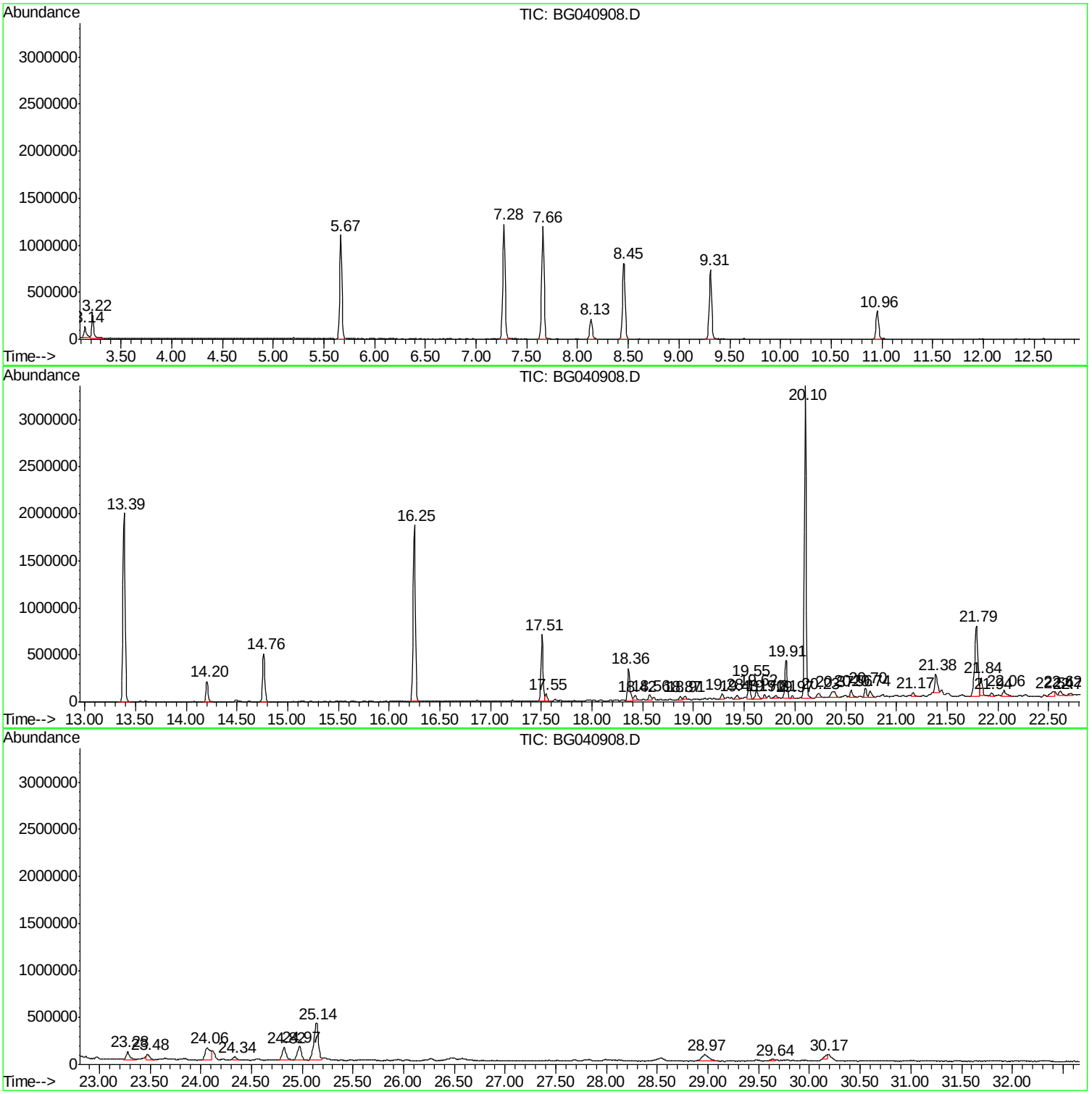
Sum of corrected areas: 31842980

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

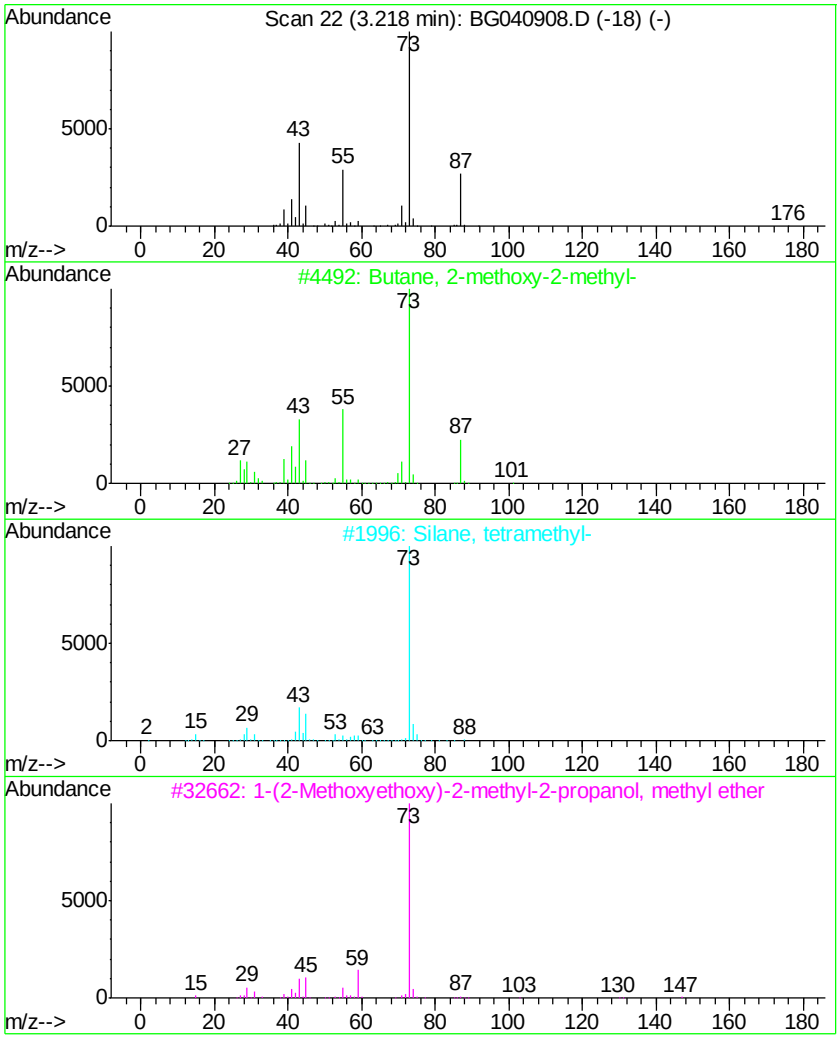
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

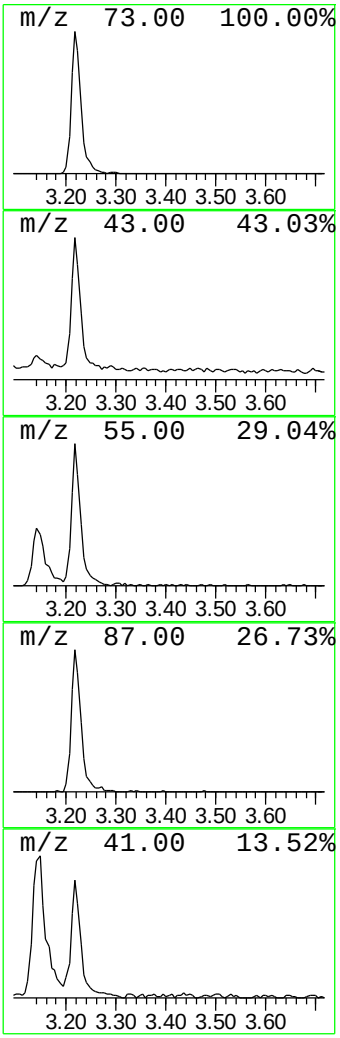
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	18.55 ng	345779	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

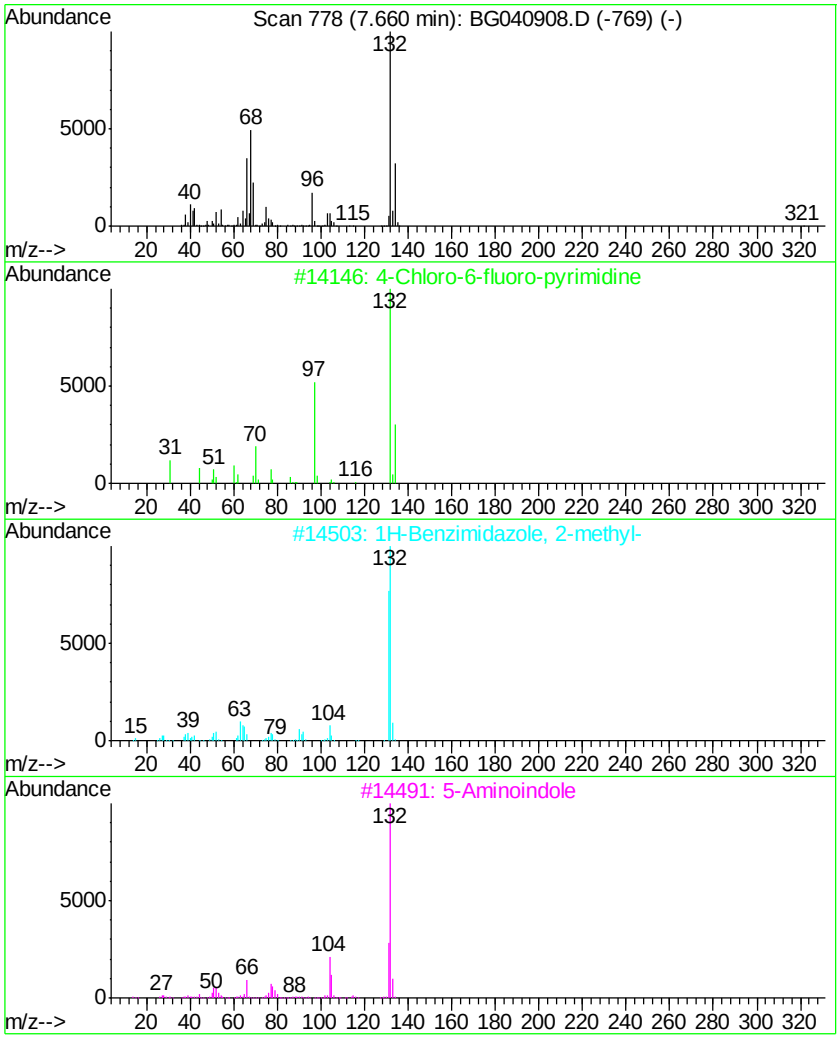
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

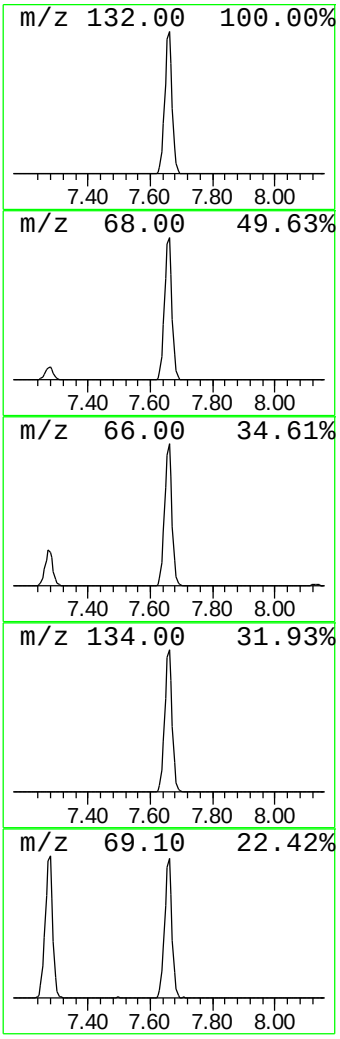
****

Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	106.44 ng	1984280	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

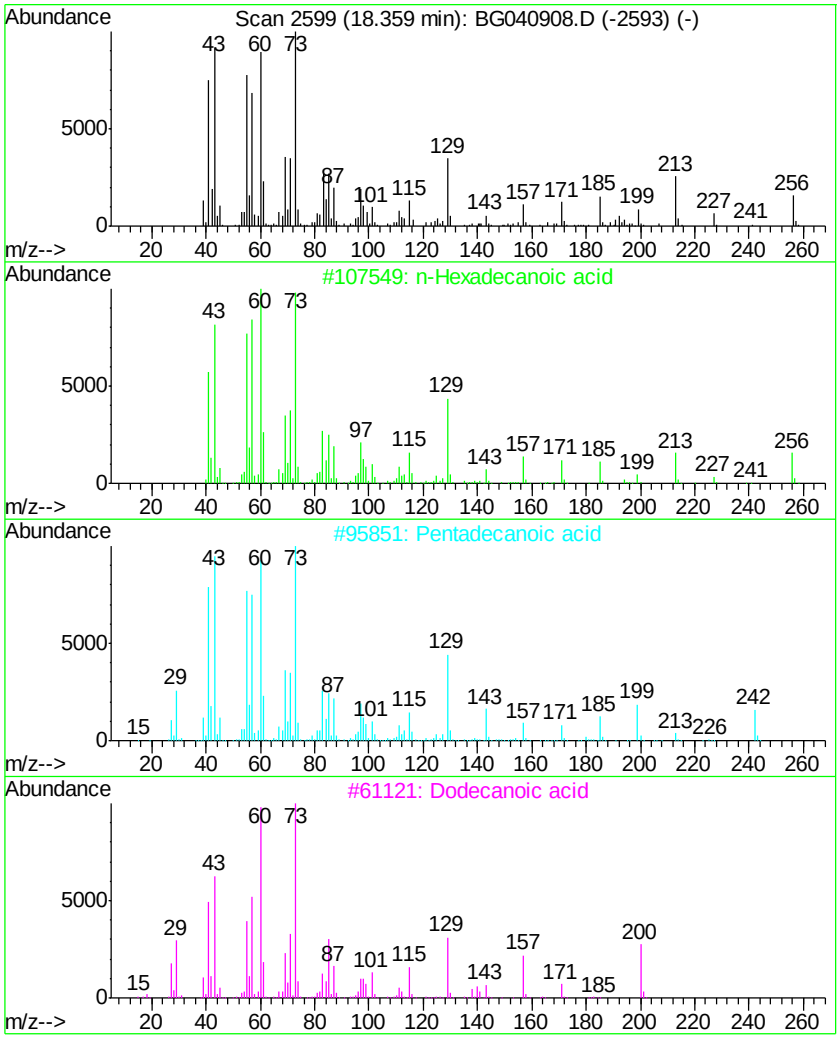
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

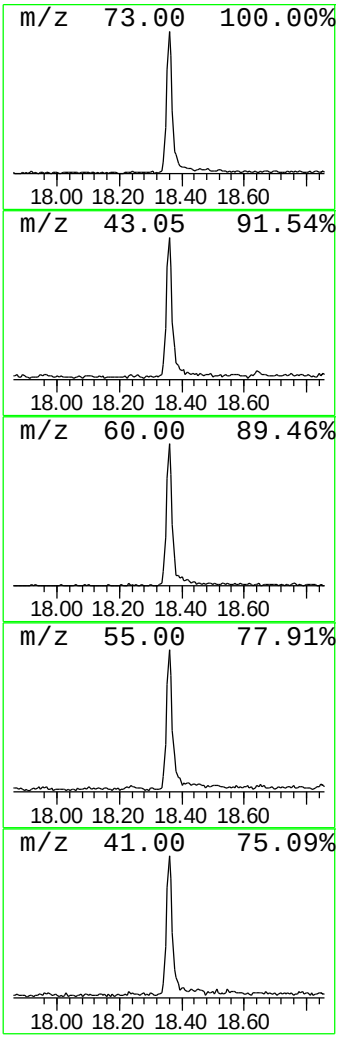
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	10.14 ng	543885	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

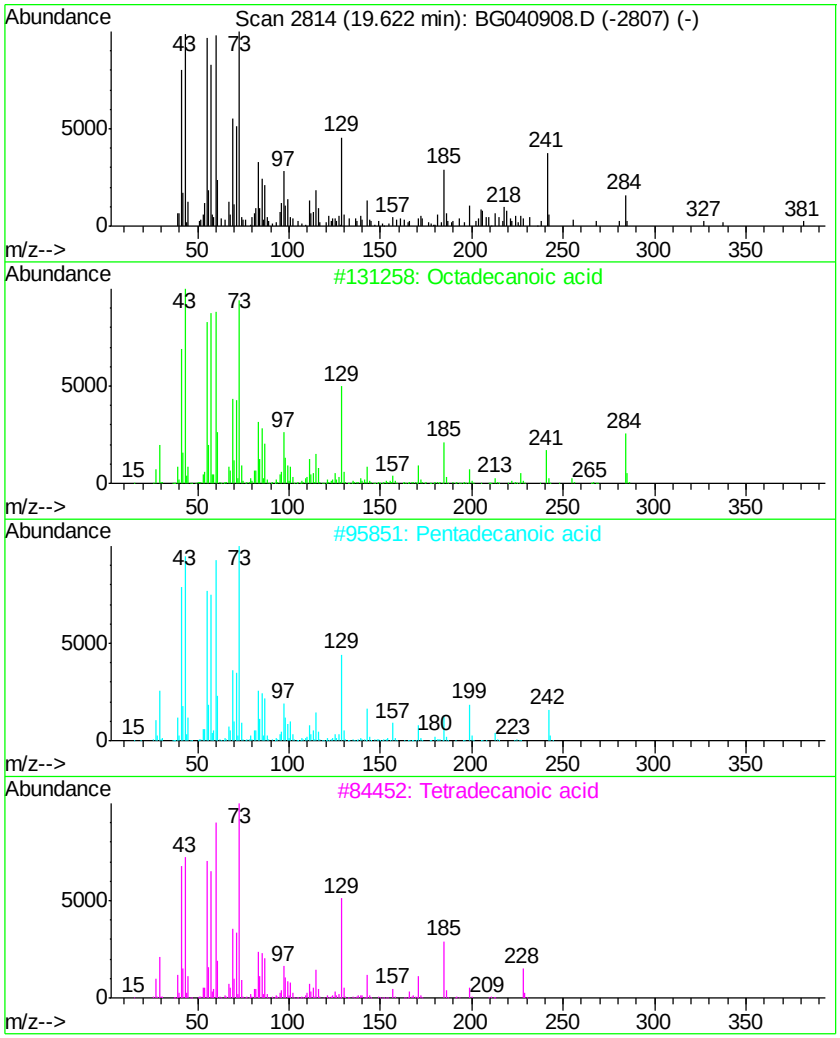
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

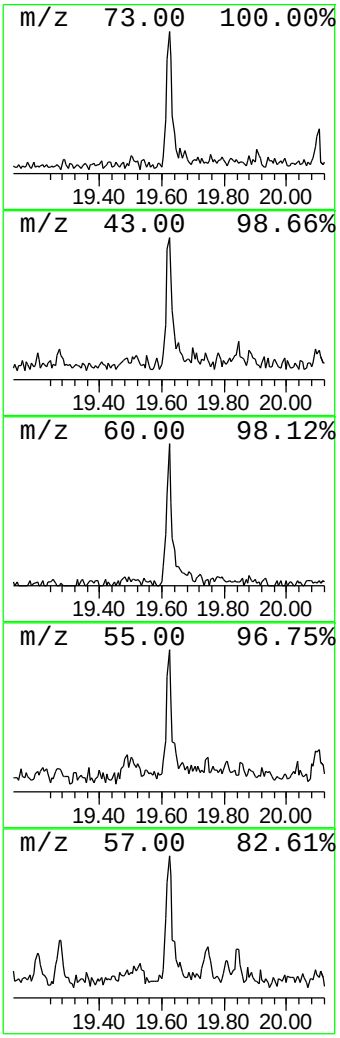
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.48 ng	186678	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

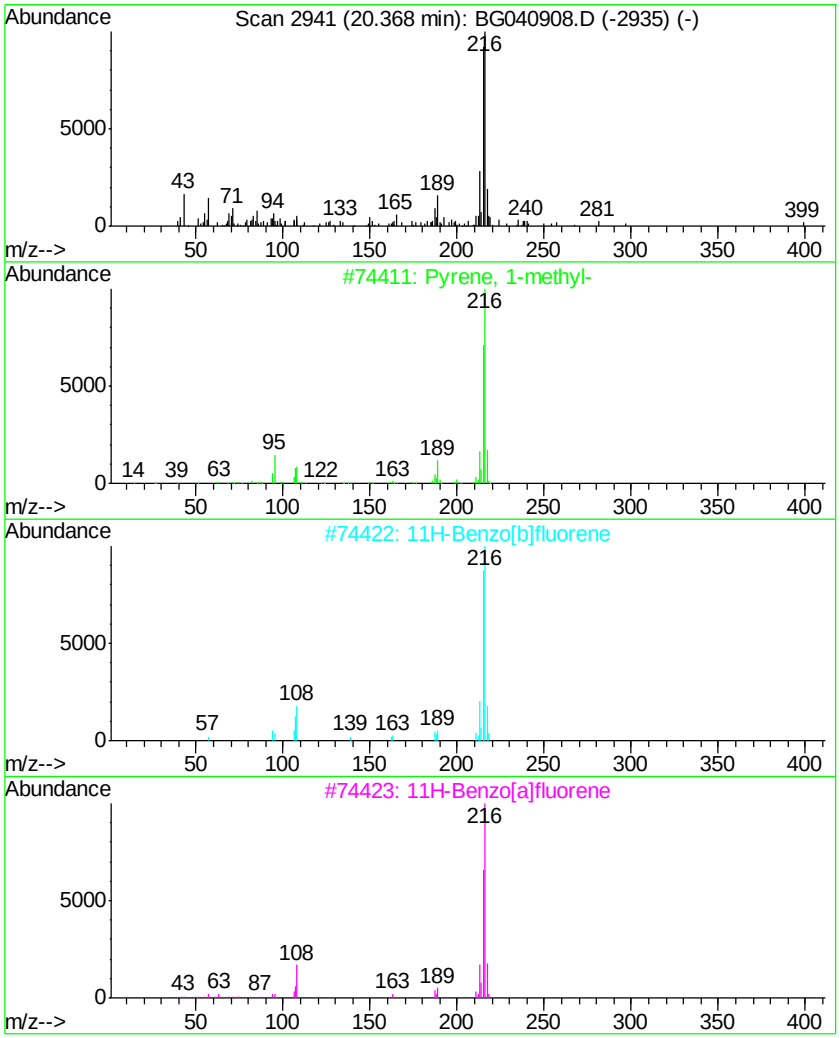
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

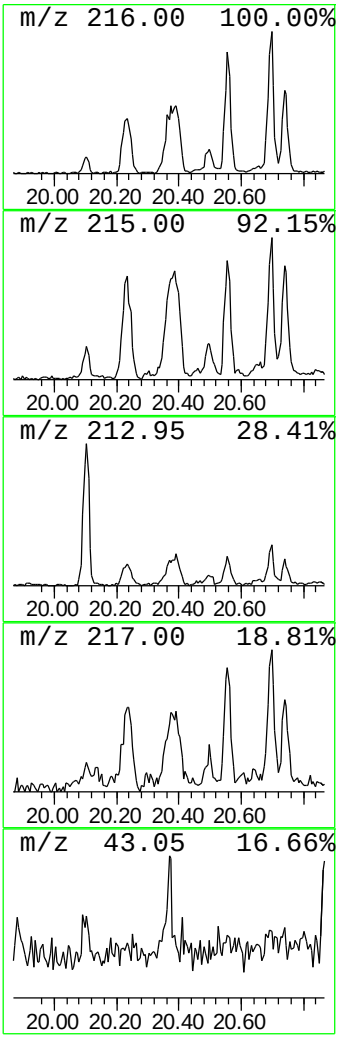
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.63 ng	209013	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

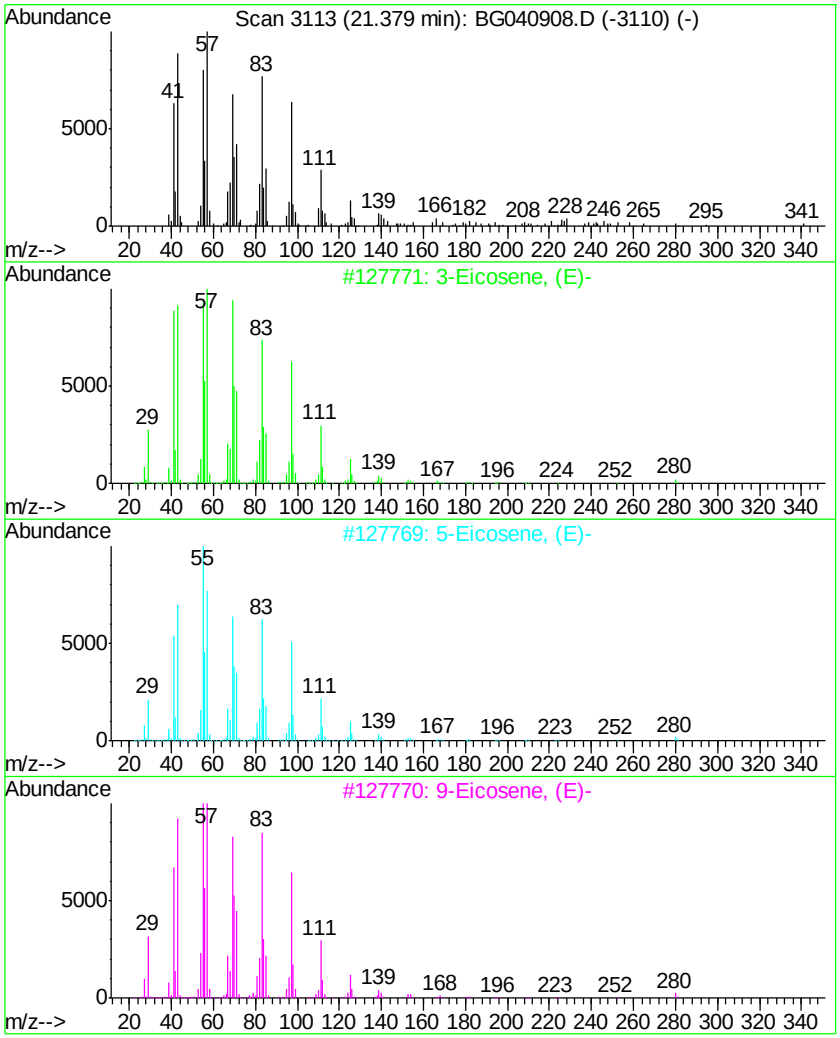
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

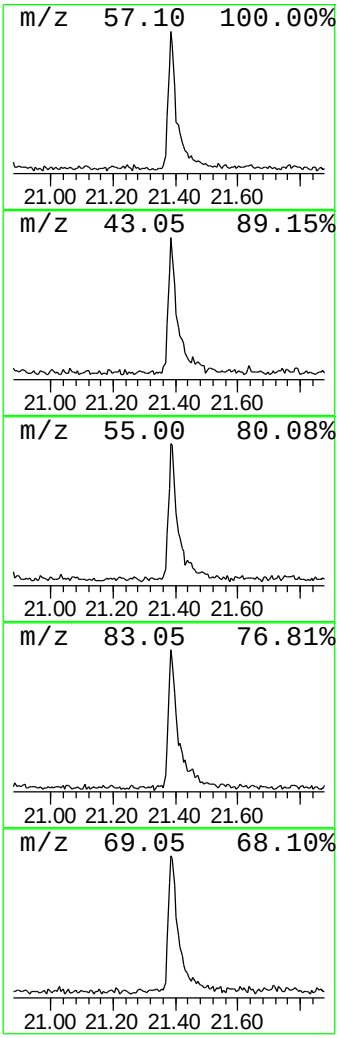
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.32 ng	343654	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	Cycloeicosane	280	C20H40	000296-56-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

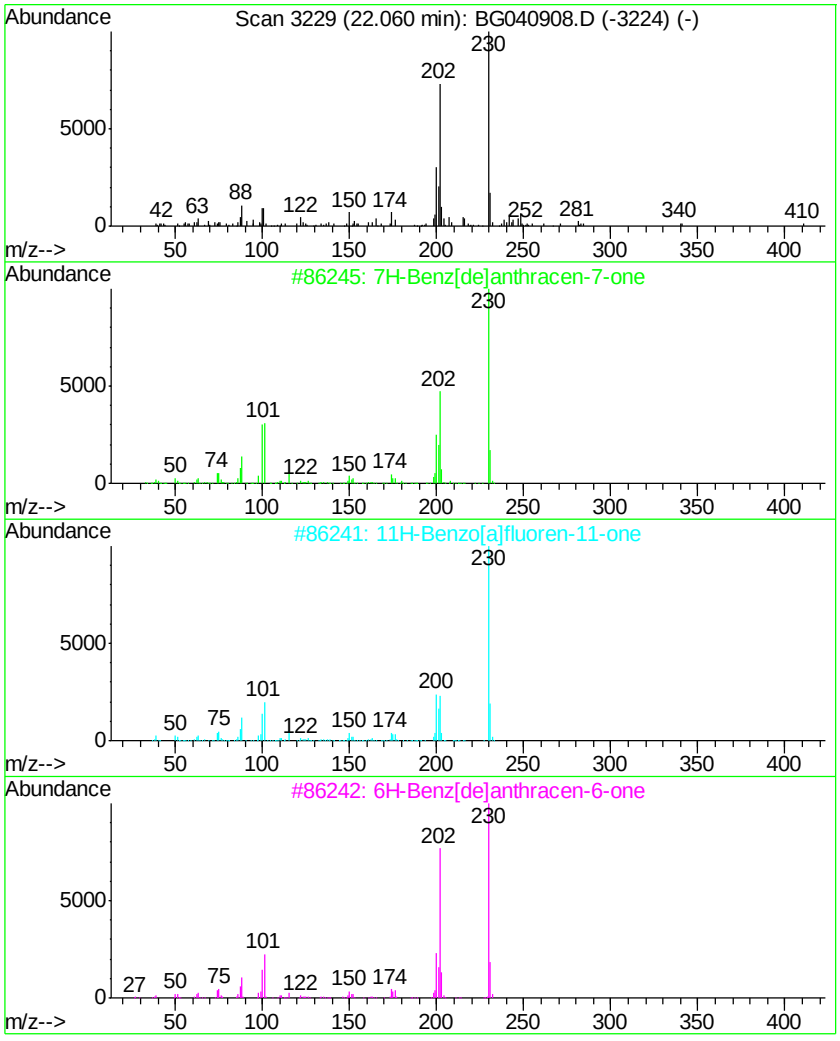
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

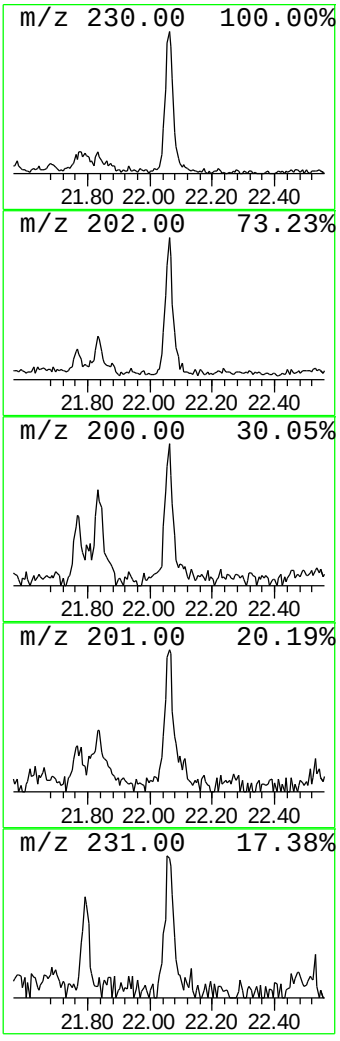
****

Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	2.14 ng	170391	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	64
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

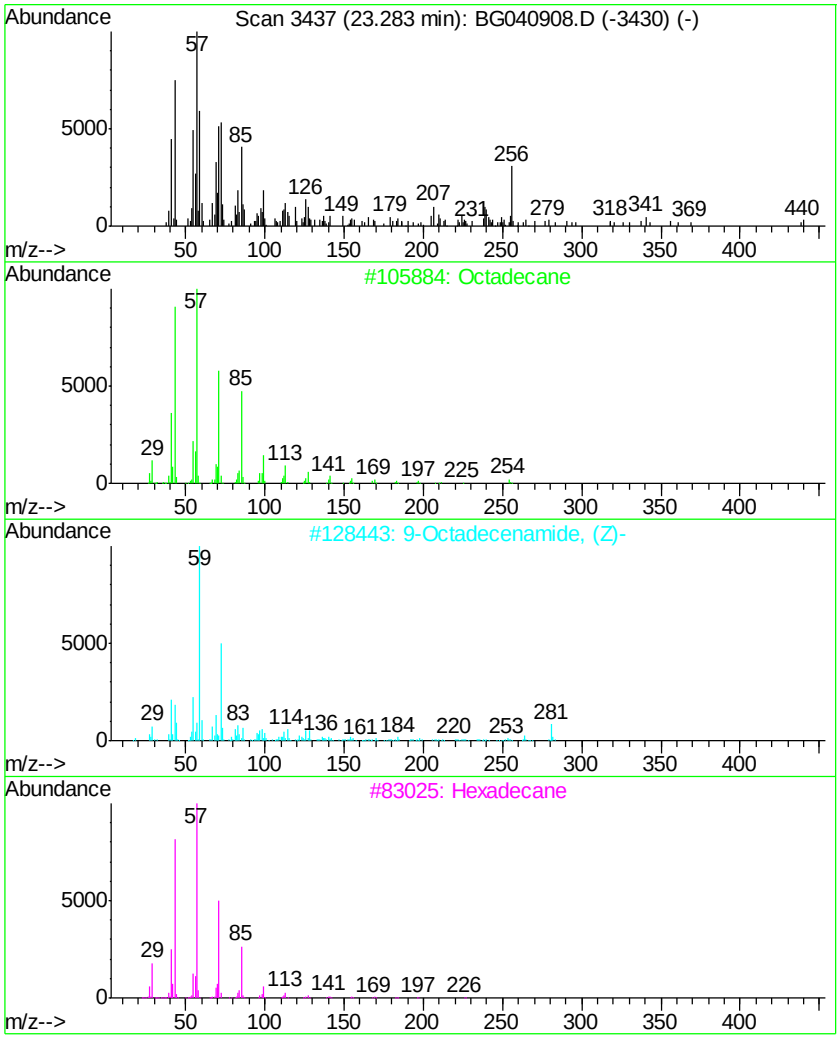
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

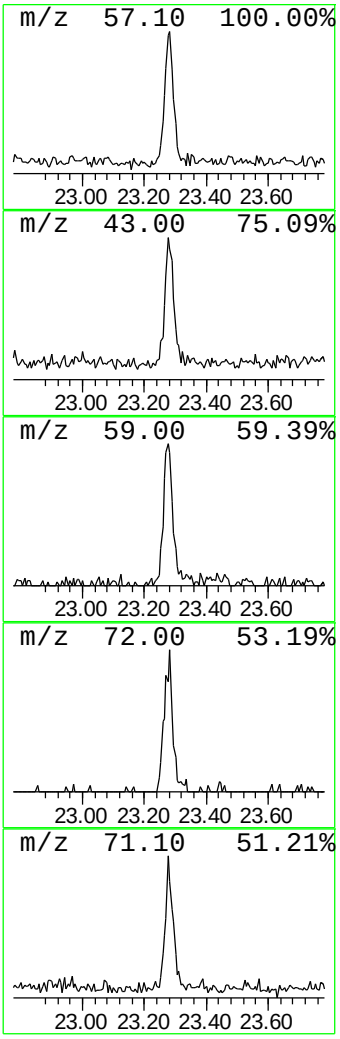
****

Peak Number 10 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.65 ng	210636	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptadecane	240	C17H36	000629-78-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

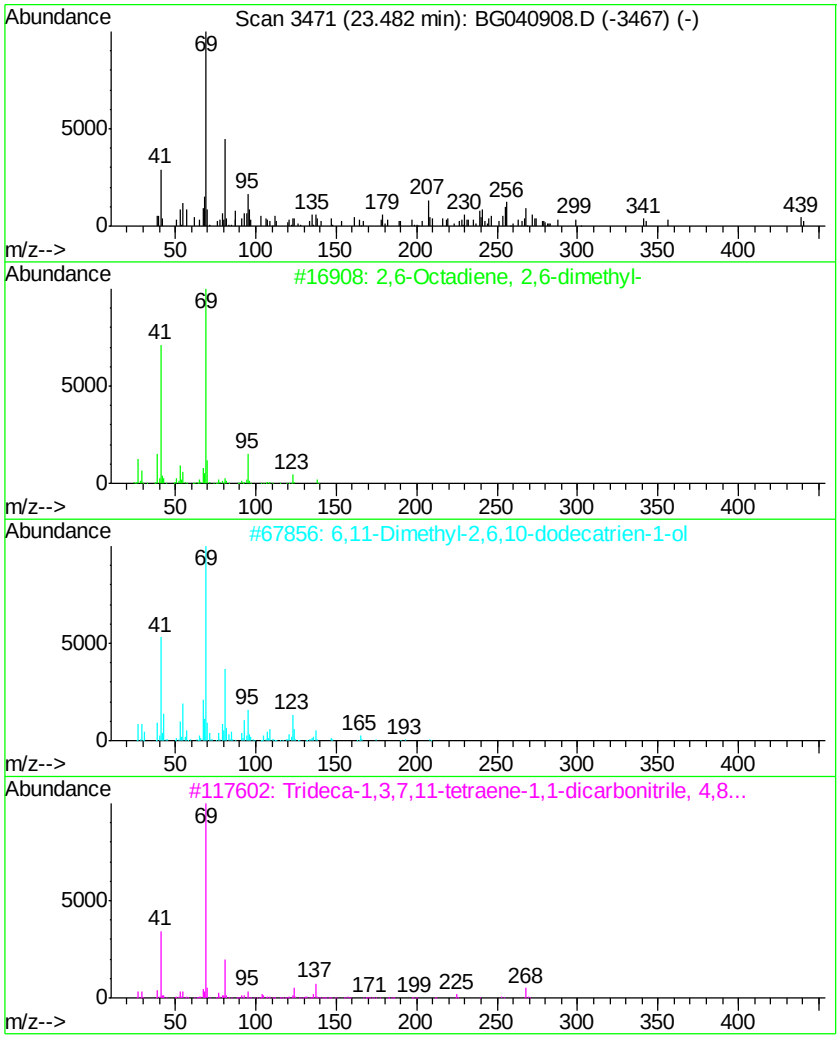
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

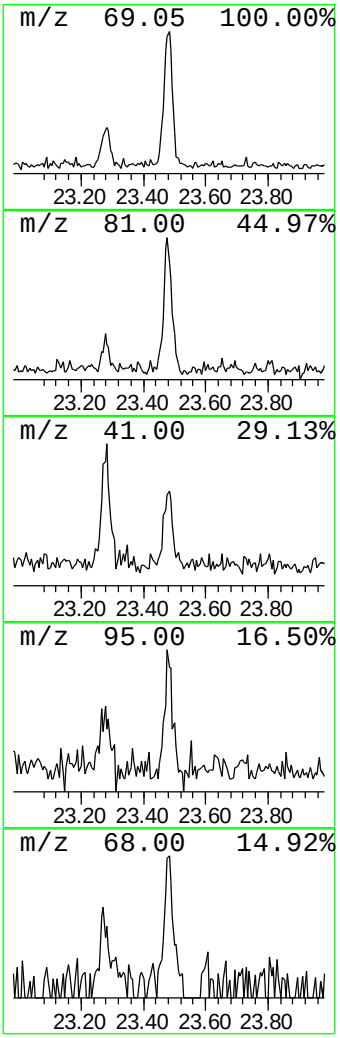
****

Peak Number 11 unknown23.48 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	2.15 ng	130375	Perylene-d12	25.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	47
2	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	47
3	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	43
4	Squalene	410	C30H50	000111-02-4	43
5	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040908.D
Acq On : 12 May 2019 14:10
Operator : HP/JU
Sample : K2766-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS006-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	3.22	18.6	ng	345779	1	8.13	372859	20.0
unknown7.66	7.66	106.4	ng	1984280	1	8.13	372859	20.0
n-Hexadecanoic acid	18.36	10.1	ng	543885	4	17.51	1072390	20.0
Octadecanoic acid	19.62	3.5	ng	186678	4	17.51	1072390	20.0
Pyrene, 1-methyl-	20.37	2.6	ng	209013	5	21.79	1589250	20.0
3-Eicosene, (E)-	21.38	4.3	ng	343654	5	21.79	1589250	20.0
7H-Benz[de]anthra...	22.06	2.1	ng	170391	5	21.79	1589250	20.0
Octadecane	23.28	2.6	ng	210636	5	21.79	1589250	20.0
unknown23.48	23.48	2.1	ng	130375	6	25.14	1214780	20.0