LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

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:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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	2.770	10	14	24	rVB	64257	95783	1.76%	0.303%
2	4.280	224	271	274	rBV2	176641	1440954	26.52%	4.562%
3	5.232	427	433	442	rBV	517993	725044	13.35%	2.295%
4	6.848	701	708	717	rBV	536377	862731	15.88%	2.731%
5	7.177	757	764	771	rBV	555127	851415	15.67%	2.695%
6	7.623	834	840	846	rBV	97333	155190	2.86%	0.491%
7	7.947	888	895	902	rVB	346191	540033	9.94%	1.710%
8	8.323	945	959	965	rBV3	59754	167145	3.08%	0.529%
9	8.793	1031	1039	1045	rBV	294924	483570	8.90%	1.531%
10	10.420	1307	1316	1322	rBV	132532	221057	4.07%	0.700%
11	12.906	1732	1739	1745	rBV	750267	1065268	19.61%	3.372%
12	13.752	1879	1883	1891	rVB	51895	74280	1.37%	0.235%
13	14.292	1969	1975	1980	rBV2	204967	309744	5.70%	0.981%
14	15.790	2224	2230	2236	rBV	803379	1107182	20.38%	3.505%
15	17.042	2438	2443	2449	rBV2	287378	395166	7.27%	1.251%
16	17.917	2585	2592	2596	rBV2	137871	226105	4.16%	0.716%
17	17.953	2596	2598	2604	rVB3	60986	72627	1.34%	0.230%
18	18.376	2665	2670	2674	rBV	664444	805429	14.83%	2.550%
19	18.740	2730	2732	2737	rVB4	135928	188229	3.46%	0.596%
20	18.793	2737	2741	2743	rBV	232385	268068	4.93%	0.849%
21	18.816	2743	2745	2747	rBV3	66284	58822	1.08%	0.186%
22	18.887	2753	2757	2764	rVB2	449337	864384	15.91%	2.736%
23	18.945	2764	2767	2772	rVB	272662	376925	6.94%	1.193%
24	19.004	2772	2777	2780	rBV2	225746	356877	6.57%	1.130%
25	19.069	2780	2788	2792	rBV2	381277	802382	14.77%	2.540%
26	19.134	2796	2799	2803	rVB	211192	238362	4.39%	0.755%
27	19.181	2803	2807	2809	rBV2	164483	192592	3.55%	0.610%
28	19.222	2809	2814	2819	rVV	2516330	5077595	93.47%	16.075%
29	19.286	2823	2825	2829	rVB	767349	808349	14.88%	2.559%
30	19.333	2829	2833	2836	rBV	513063	577214	10.63%	1.827%
31	19.363	2836	2838	2841	rVV	134411	158147	2.91%	0.501%
32	19.421	2845	2848	2852	rVB	299756	327041	6.02%	1.035%
33	19.474	2853	2857	2863	rVB2	118559	203267	3.74%	0.644%
34	19.568	2869	2873	2878	rVB	603894	664241	12.23%	2.103%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

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:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.615	2878	2881	2883	rBV3	58545	74430	1.37%	0.236%
36	19.686	2888	2893	2901	rVB	1463333	2086856	38.41%	6.607%
37	19.745	2901	2903	2908	rBV4	89589	141194	2.60%	0.447%
38	19.792	2908	2911	2915	rVB	82350	87499	1.61%	0.277%
39	19.839	2915	2919	2922	rBV	172394	252215	4.64%	0.798%
40	19.944	2935	2937	2940	rBV2	76499	79395	1.46%	0.251%
41	20.015	2946	2949	2957	rVB5	95342	160537	2.96%	0.508%
42	20.179	2972	2977	2981	rVB	1102906	1255120	23.10%	3.973%
43	20.273	2989	2993	2998	rBV5	68225	126779	2.33%	0.401%
44	20.491	3025	3030	3034	rBV	5216587	5432459	100.00%	17.198%
45	20.585	3043	3046	3050	rVB3	68814	73968	1.36%	0.234%
46	20.832	3086	3088	3092	rVB	52107	54688	1.01%	0.173%
47	21.237	3152	3157	3162	rVB	397035	470134	8.65%	1.488%
48	22.007	3285	3288	3291	rBV	55282	64796	1.19%	0.205%
49	23.470	3532	3537	3545	rVB	251109	466321	8.58%	1.476%

Sum of corrected areas: 31587609

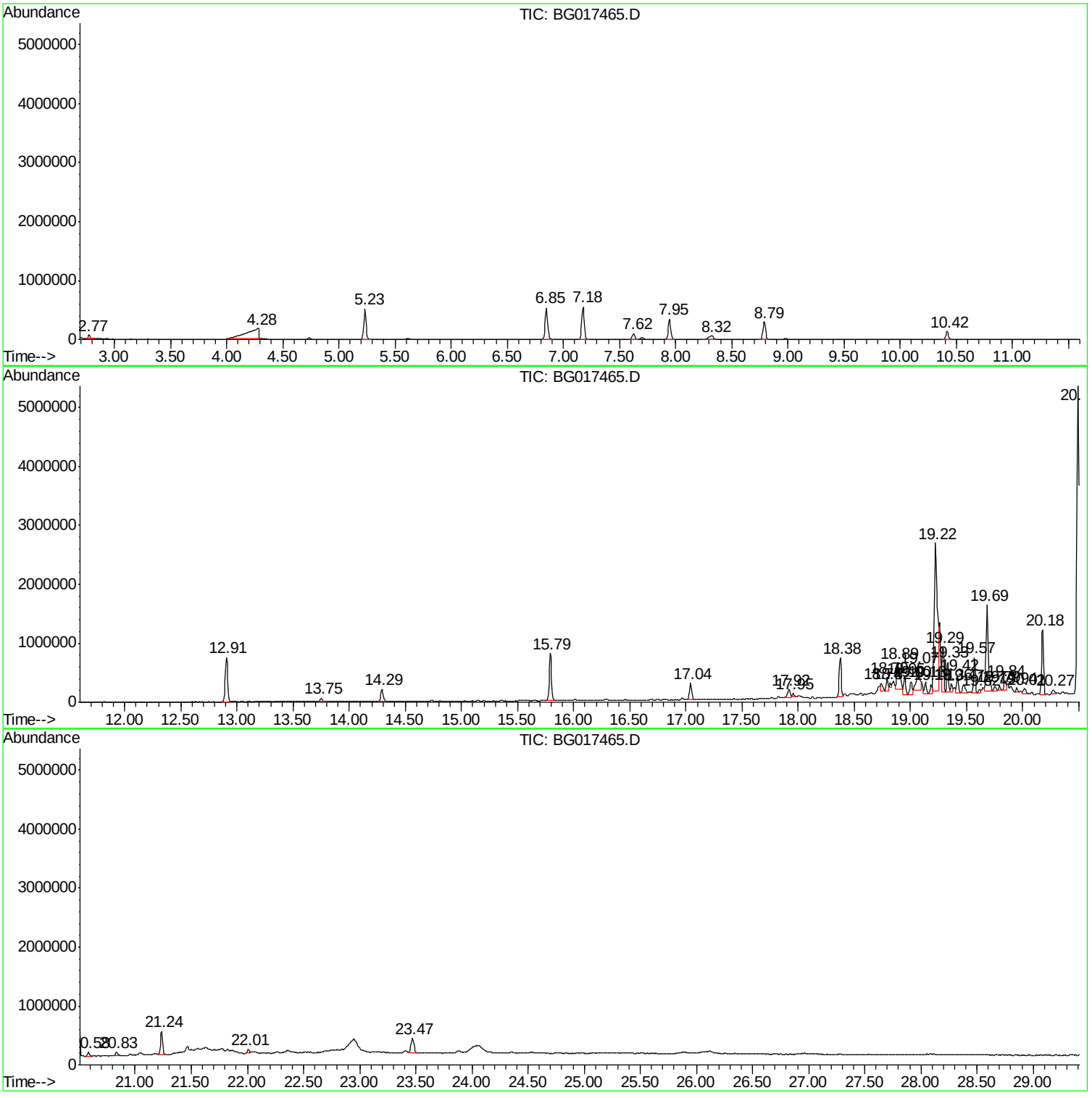
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

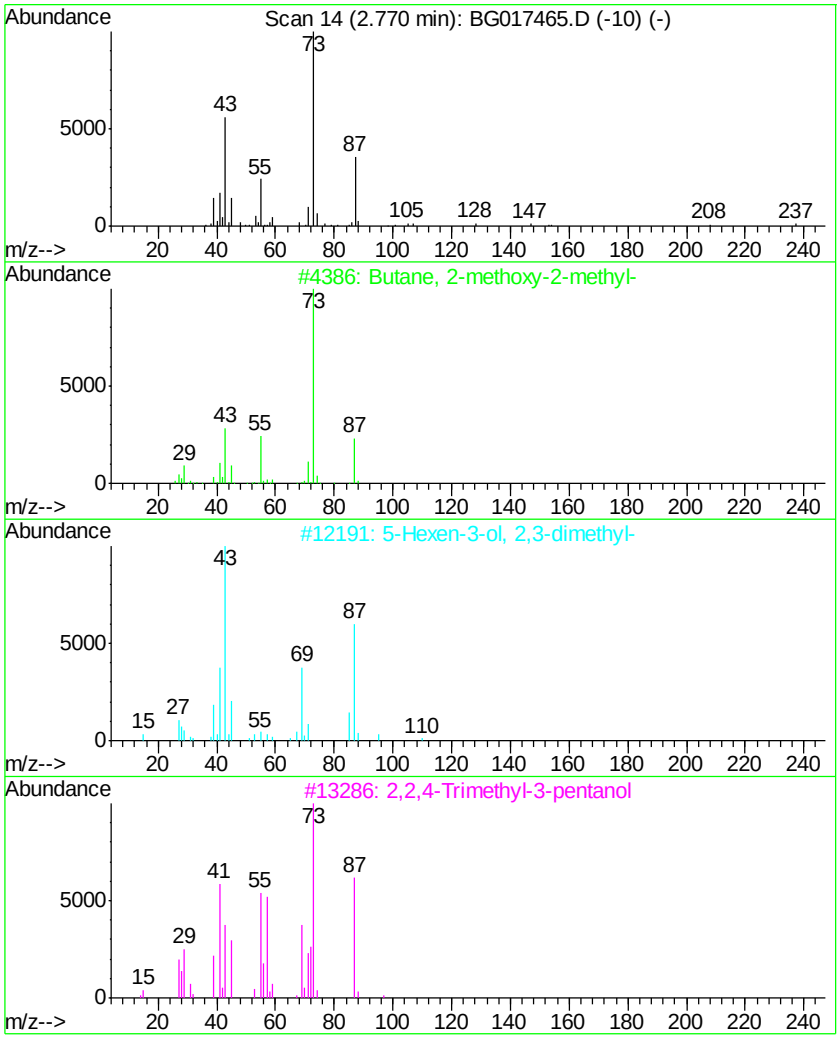
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

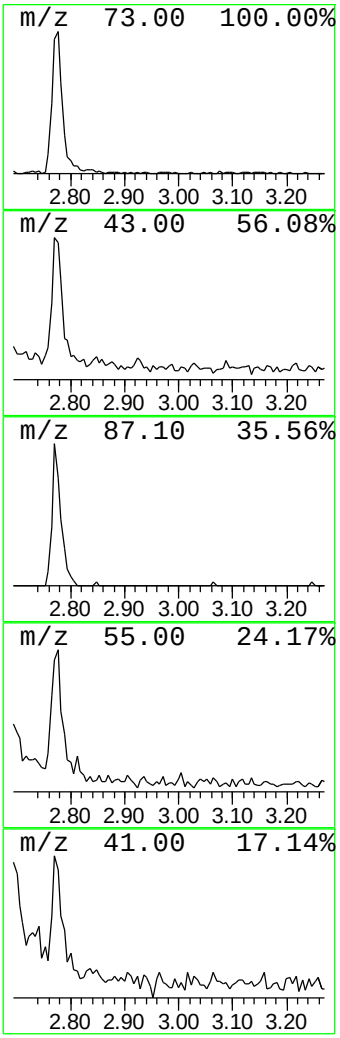
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	12.34 ng	95783	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	5-Hexen-3-ol, 2,3-dimethyl-	128	C8H16O	019550-90-4	37
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	36
5	2-Pentanol, acetate	130	C7H14O2	000626-38-0	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

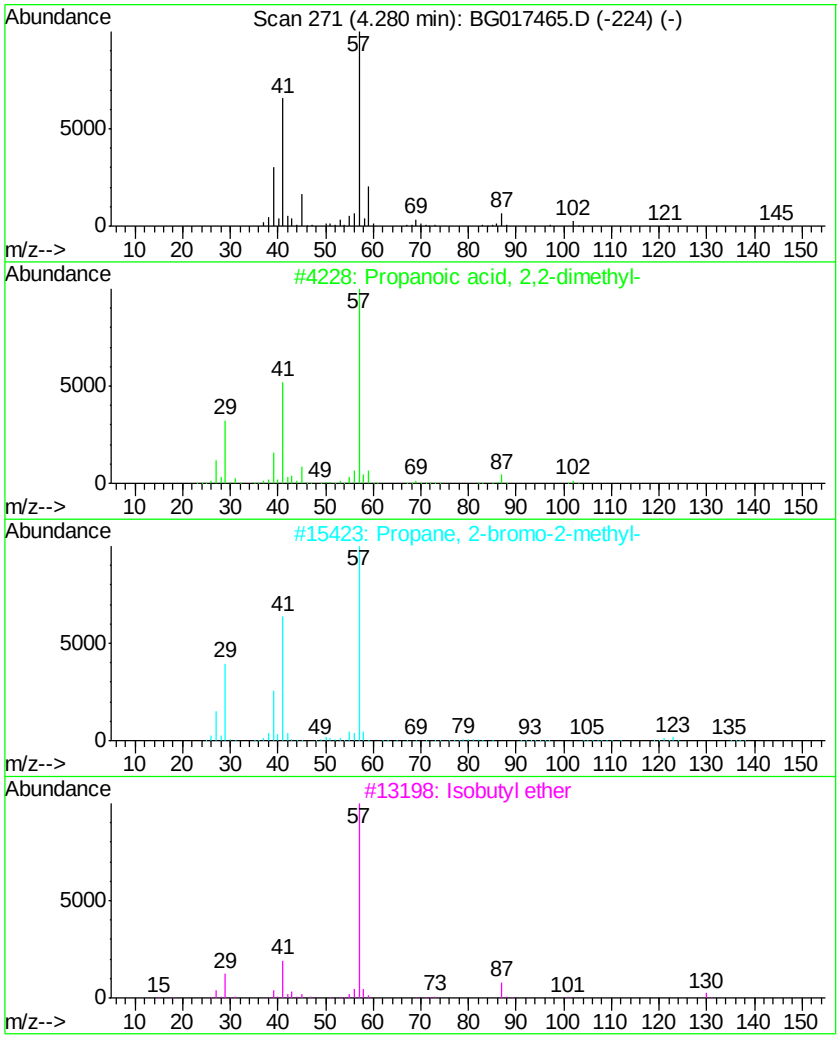
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

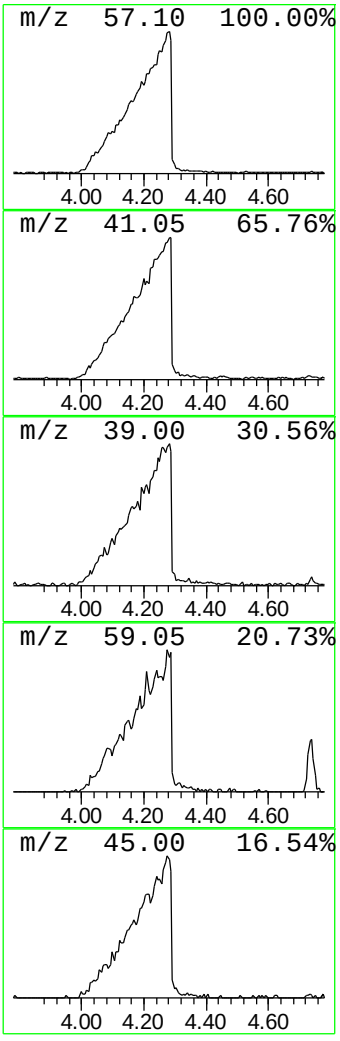
****

Peak Number 2 Propanoic acid, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	185.70 ng	1440950	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	64
2	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	35
3	Isobutyl ether	130	C8H18O	000628-55-7	25
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	25
5	Butanoic acid, 2-oxo-	102	C4H6O3	000600-18-0	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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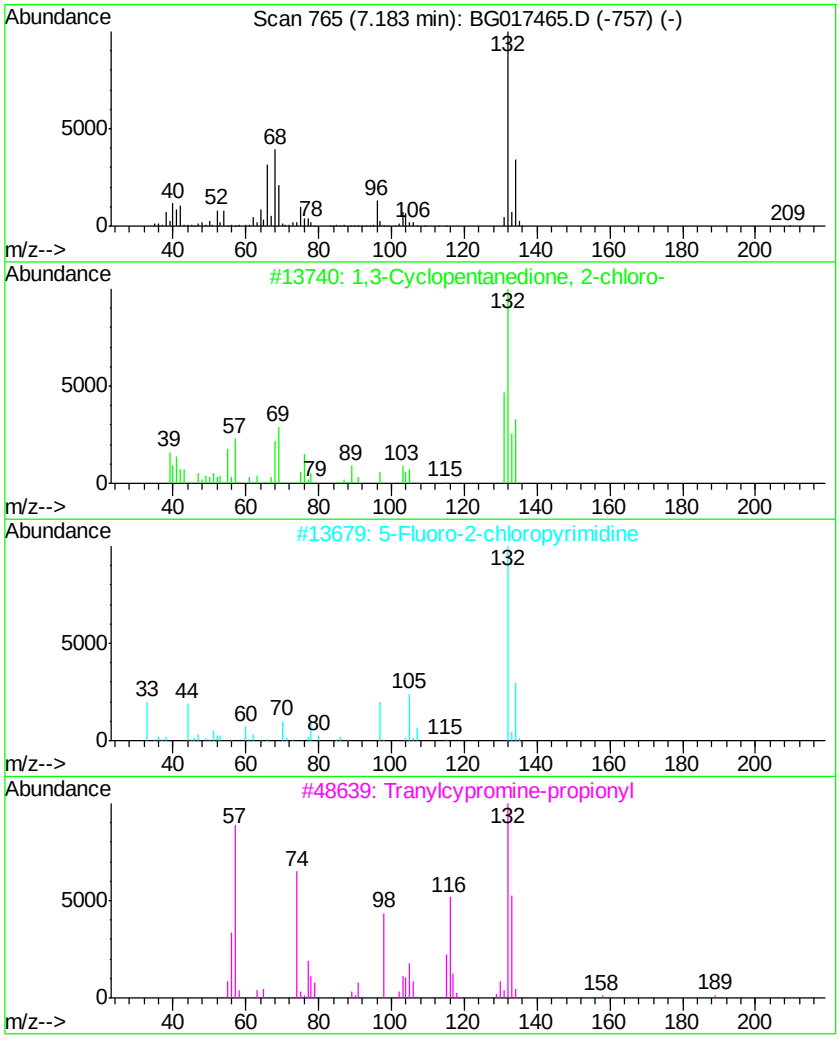
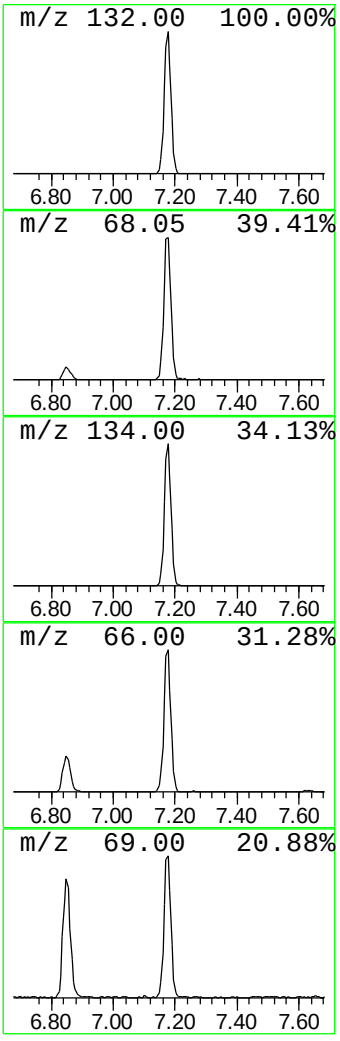
Peak Number 3 unknown7.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	109.73 ng	851415	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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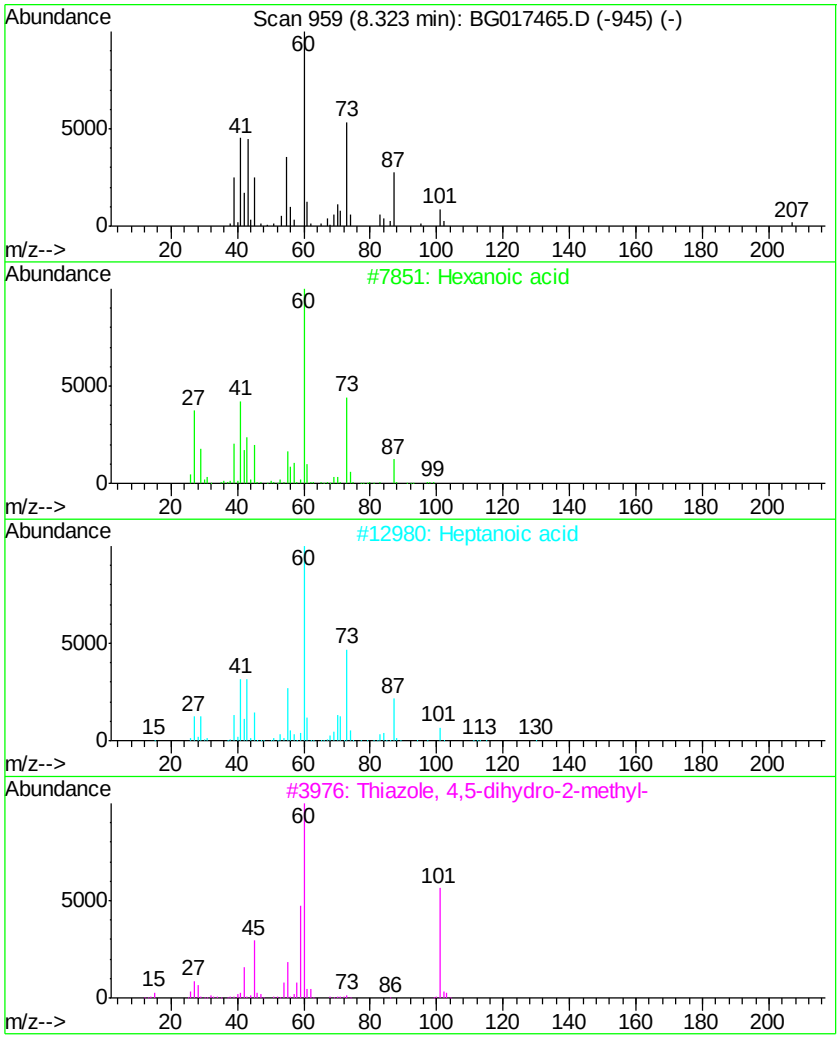
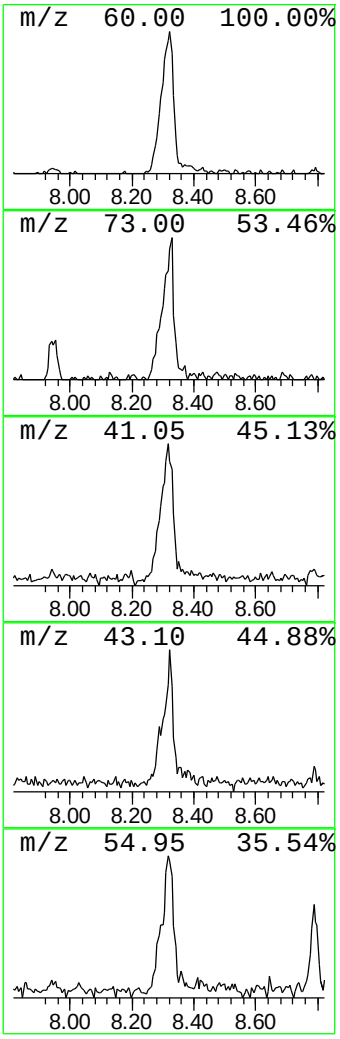
Peak Number 5 Hexanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	21.54 ng	167145	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Heptanoic acid	130	C7H14O2	000111-14-8	72
3	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	50
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45
5	D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

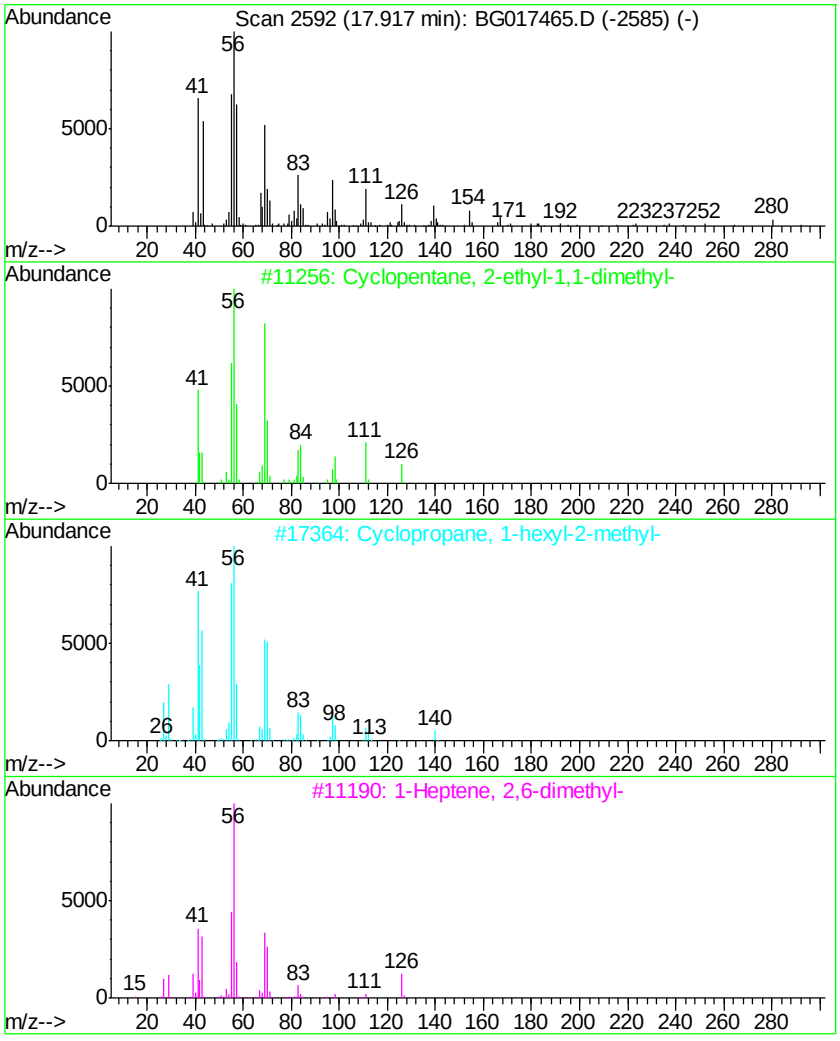
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

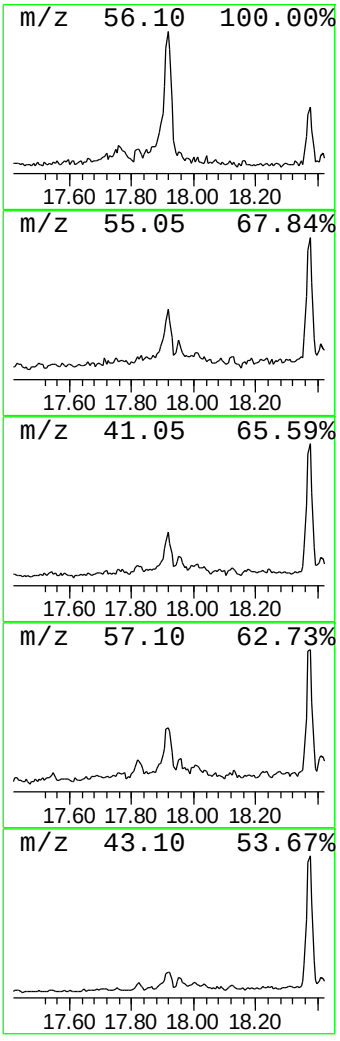
****

Peak Number 6 Cyclopentane, 2-ethyl-1,1-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	11.44 ng	226105	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	62
2	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	49
3	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	43
4	1-Octadecene	252	C18H36	000112-88-9	38
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

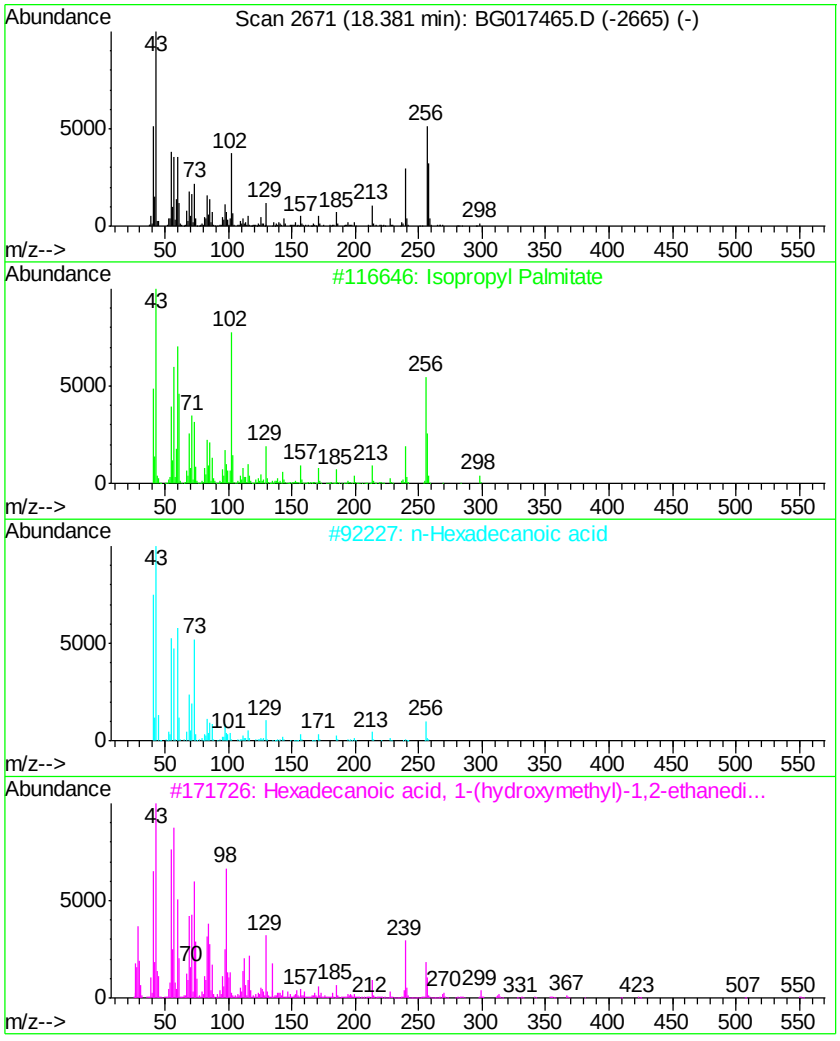
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

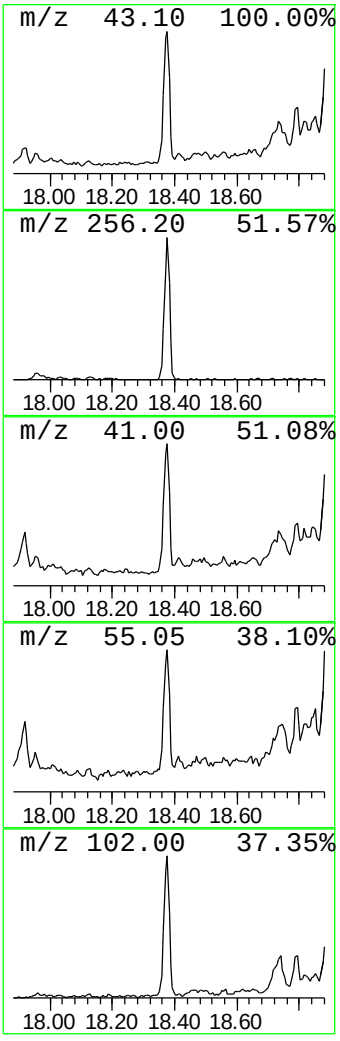
****

Peak Number 7 Isopropyl Palmitate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	40.76 ng	805429	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	68
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	27
3	Hexadecanoic acid, 1-(hydroxymet...	569	C35H68O5	000761-35-3	25
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	14
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

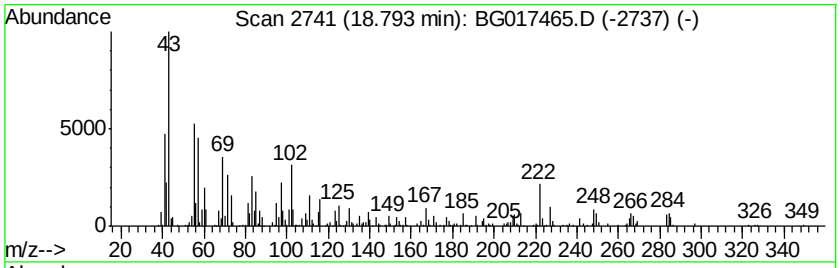
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

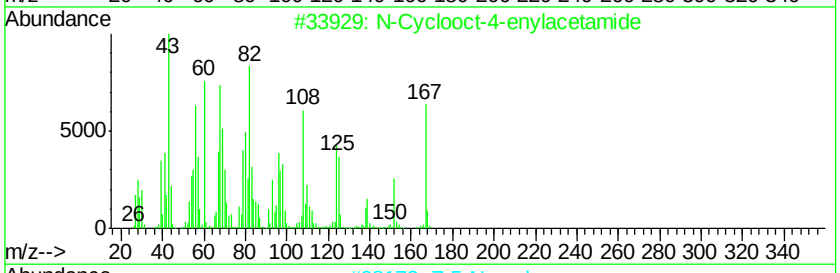
****

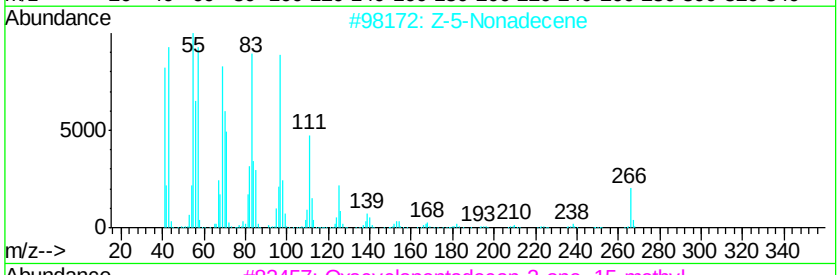
Peak Number 8 unknown18.79 Concentration Rank 17

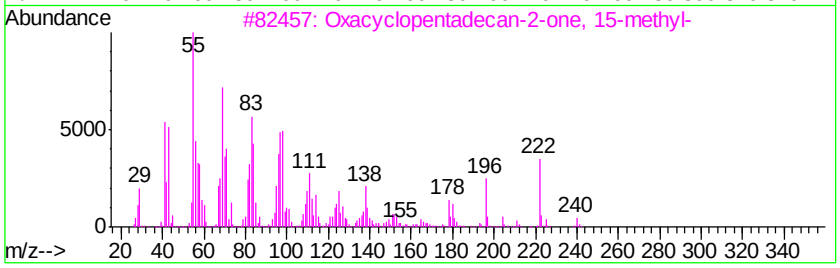
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	13.57 ng	268068	Phenanthrene-d10	17.04

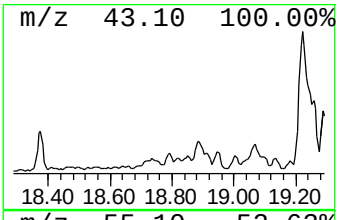
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	25
3	Oxacyclopentadecan-2-one, 15-met...	240	C15H28O2	032539-85-8	22
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	15
5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	12

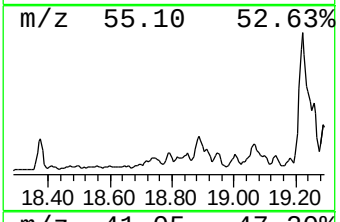


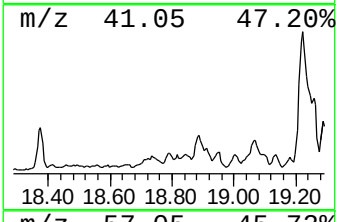


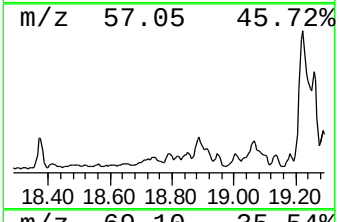


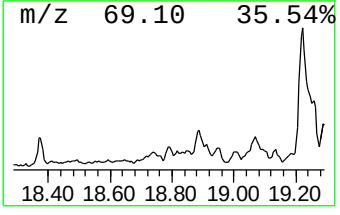












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

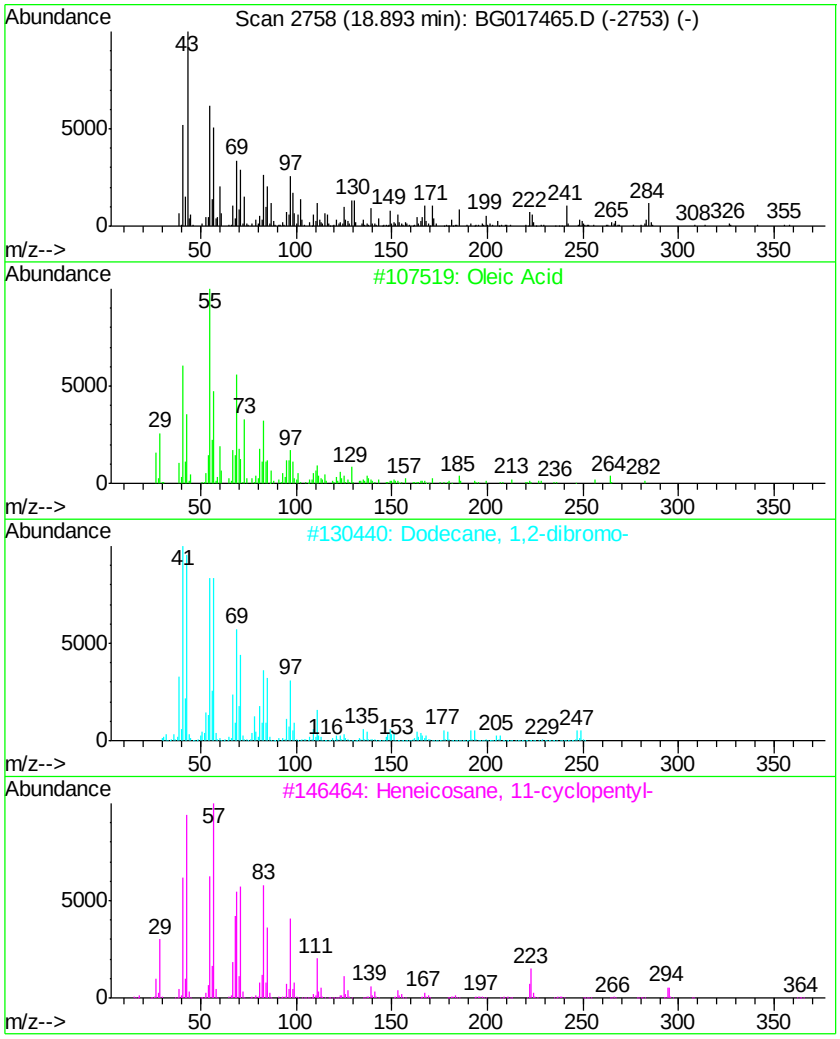
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

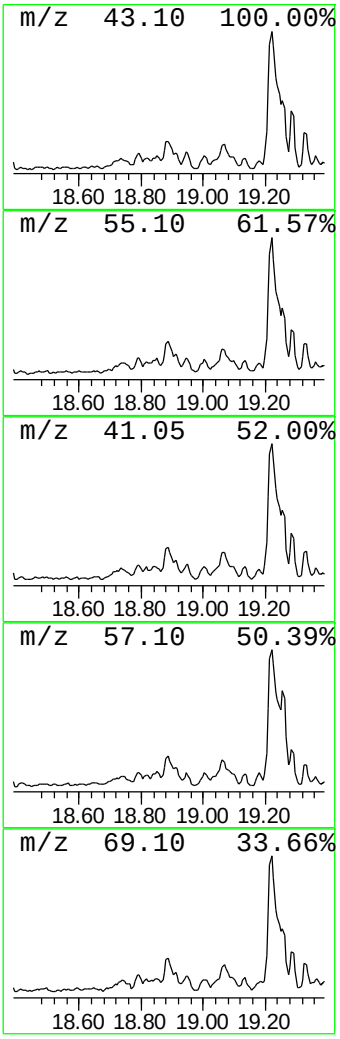
****

Peak Number 9 unknown18.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	43.75 ng	864384	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	38
2	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	27
3	Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	25
4	Butanoic acid, 3-oxo-, ethyl ester	130	C6H10O3	000141-97-9	18
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	15





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

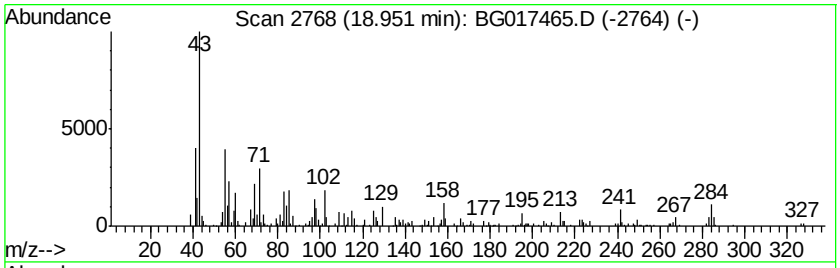
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

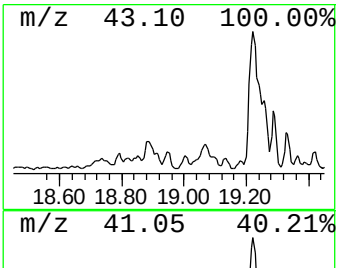
****

Peak Number 10 unknown18.95 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	19.08 ng	376925	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitric acid, decyl ester	203	C10H21NO3	002050-78-4	43
2	2-Heptadecenal	252	C17H32O	1000143-48-6	43
3	11-Heneicosanol	312	C21H44O	003381-26-8	38
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	35
5	1-Dodecene	168	C12H24	000112-41-4	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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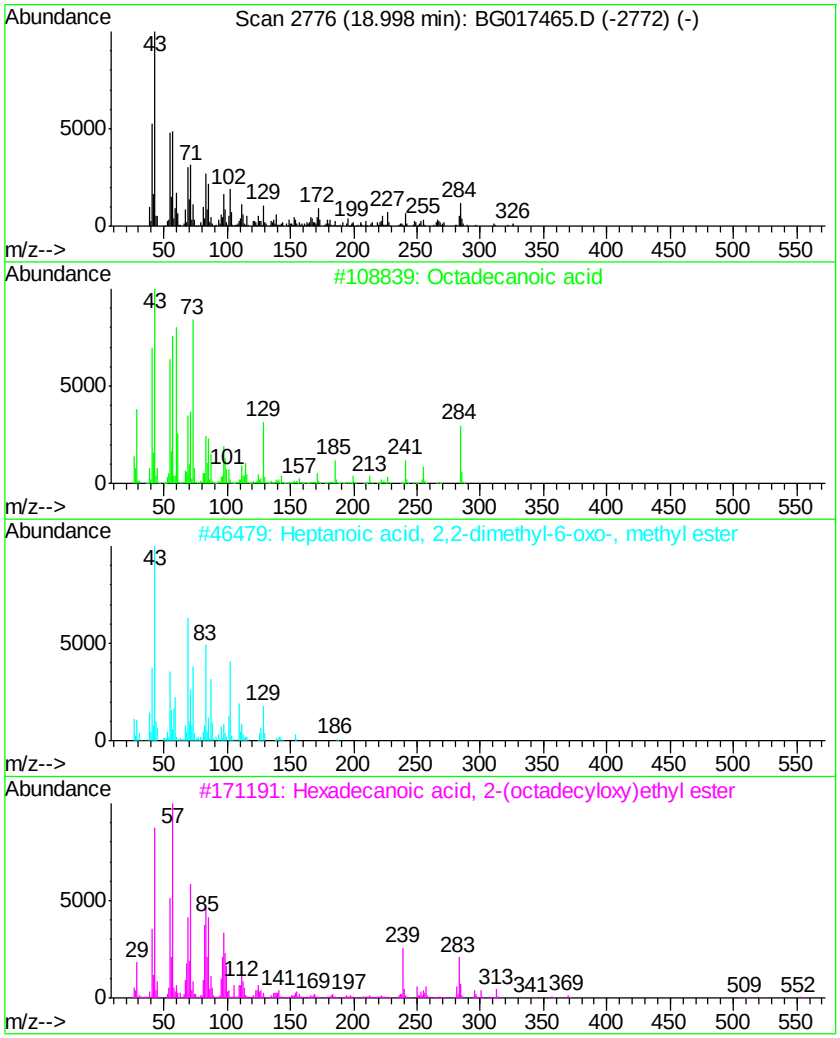
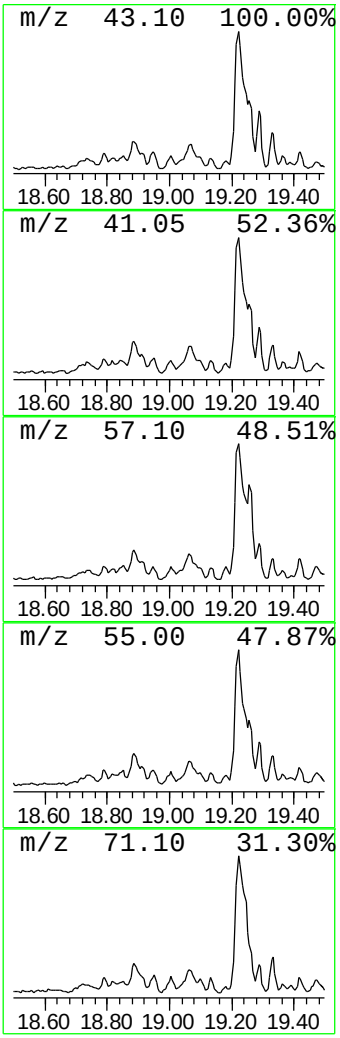
Peak Number 11 unknown19.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	18.06 ng	356877	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	49
2	Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O3	000926-27-2	38
3	Hexadecanoic acid, 2-(octadecylo...	553	C36H72O3	029899-13-6	38
4	Octadecanoic acid, octadecyl ester	537	C36H72O2	002778-96-3	35
5	1-Nonadecene	266	C19H38	018435-45-5	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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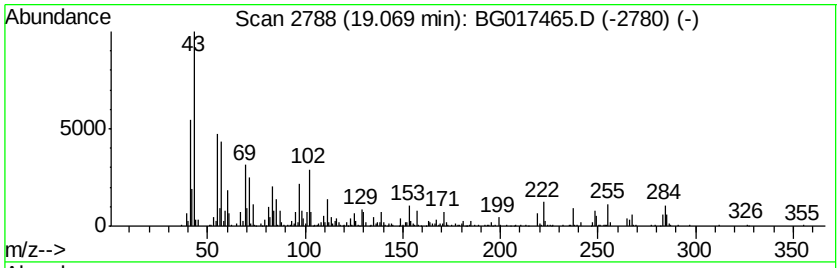
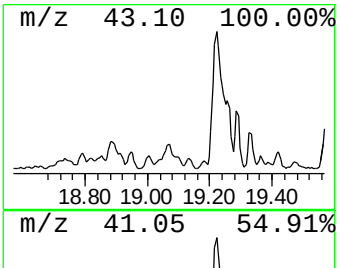
Peak Number 12 unknown19.07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	40.61 ng	802382	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	25
2	2,3-Dioxabicyclo[2.2.2]oct-7-en-...	236	C13H16O4	1000196-81-3	11
3	4-Bromzimtsaeureethylester	254	C11H11BrO2	015795-20-7	11
4	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	10
5	(Z)-1-(1-Butenyl)aziridine	97	C6H11N	080839-94-7	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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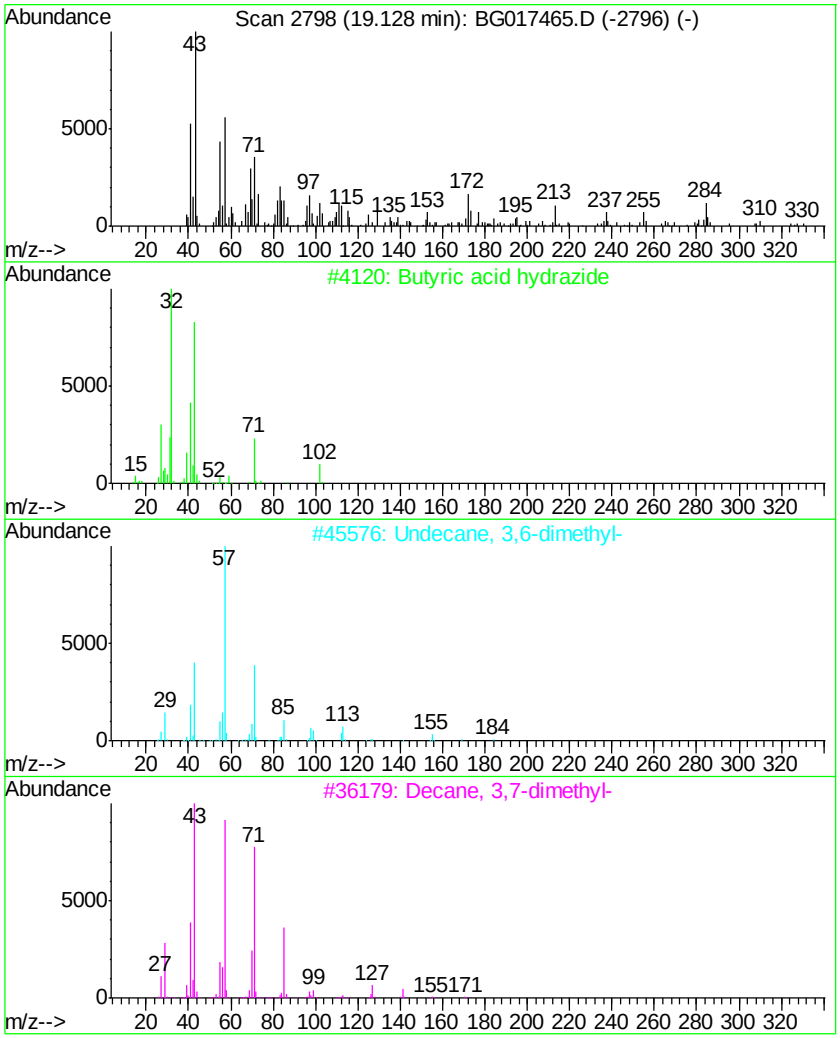
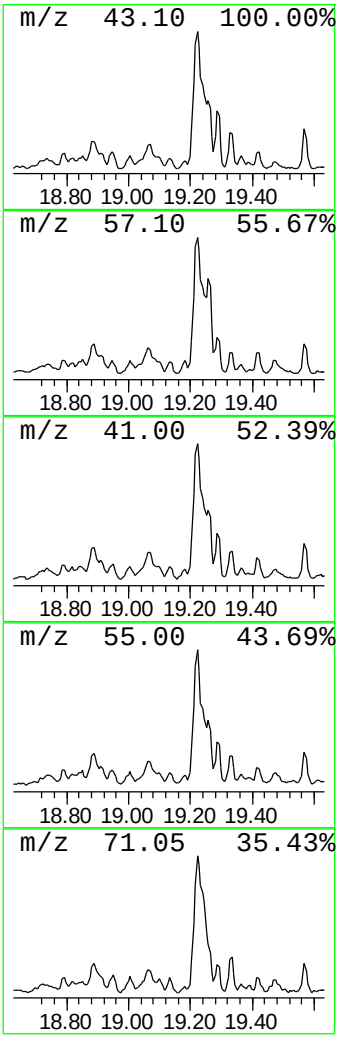
Peak Number 13 unknown19.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	12.06 ng	238362	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid hydrazide	102	C4H10N2O	003538-65-6	27
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	22
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	22
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	22
5	Pentanoic acid, 3-hydroxy-4-meth...	146	C7H14O3	065596-31-8	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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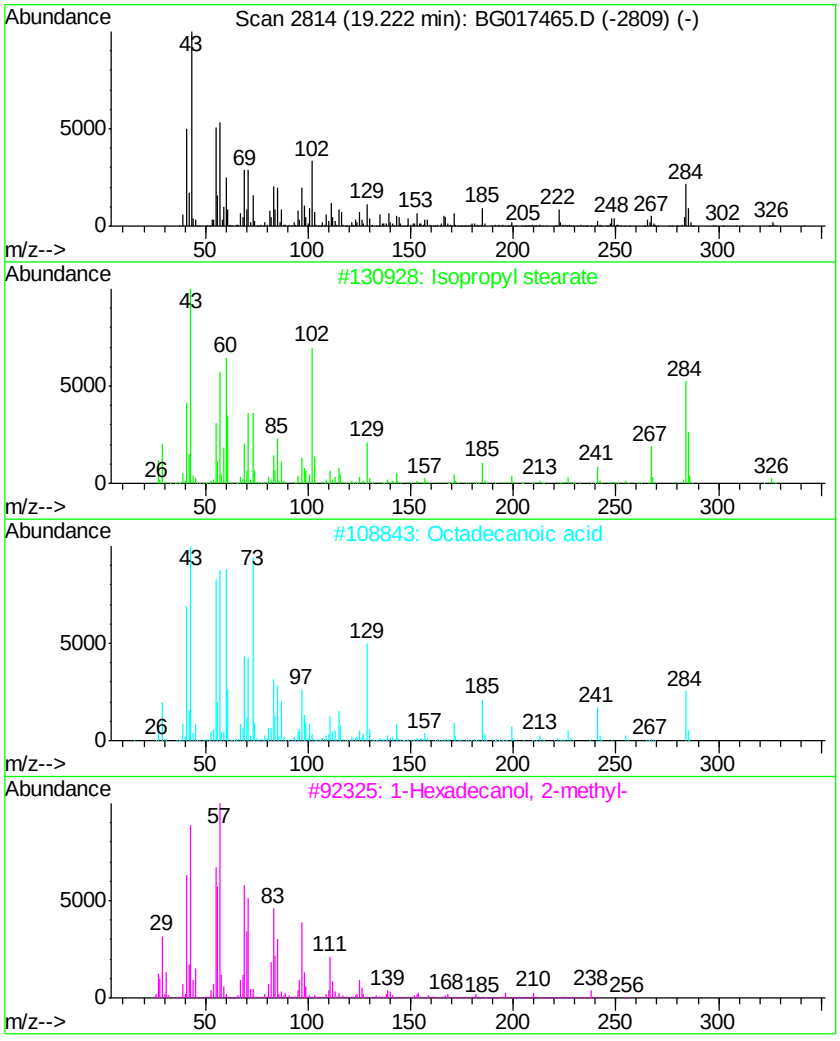
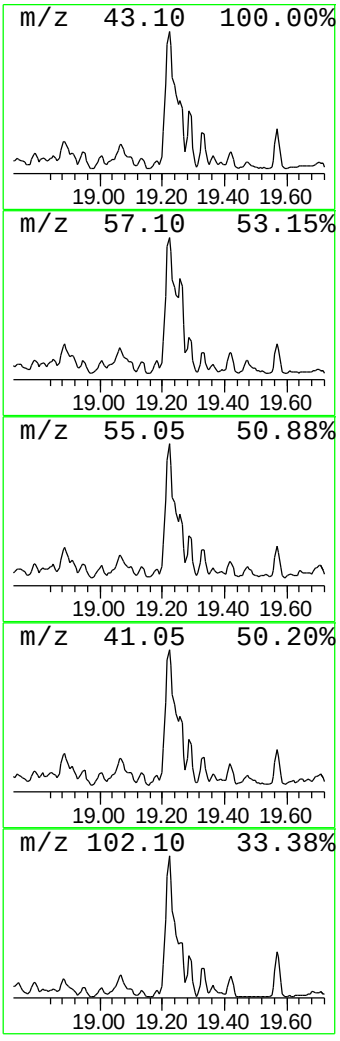
Peak Number 14 unknown19.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	216.01 ng	5077600	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	49
2	Octadecanoic acid	284	C18H36O2	000057-11-4	41
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	18
4	Oleic Acid	282	C18H34O2	000112-80-1	16
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

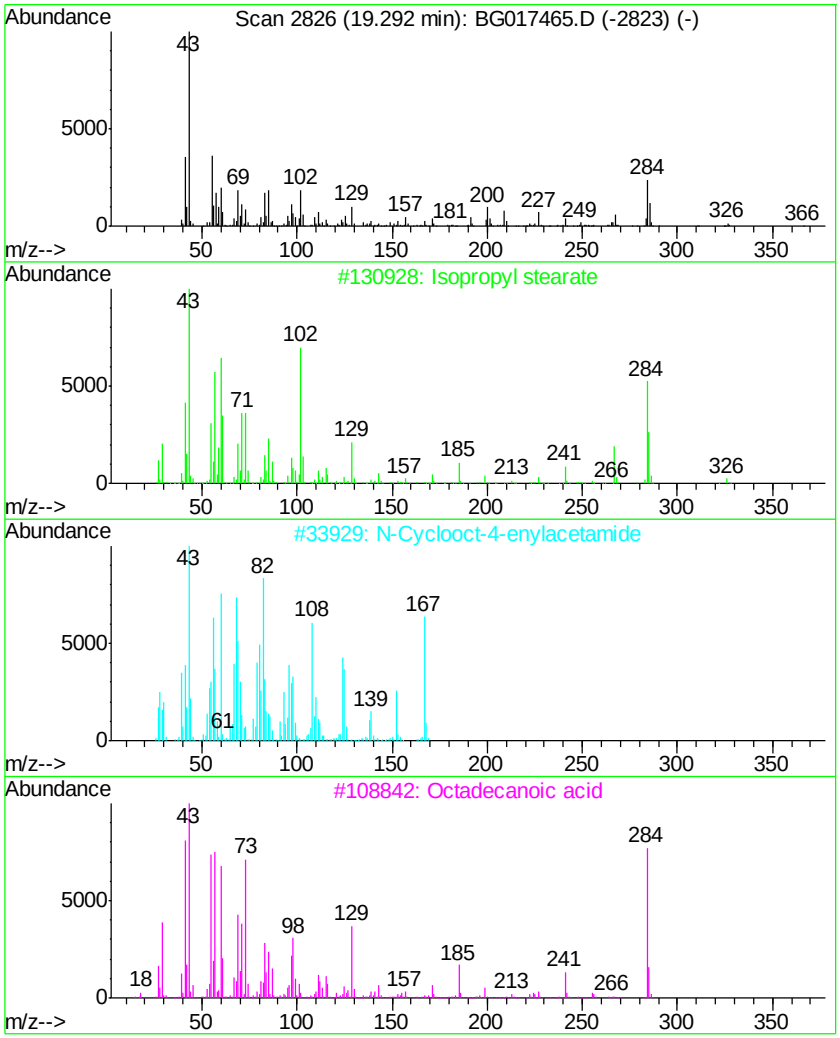
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

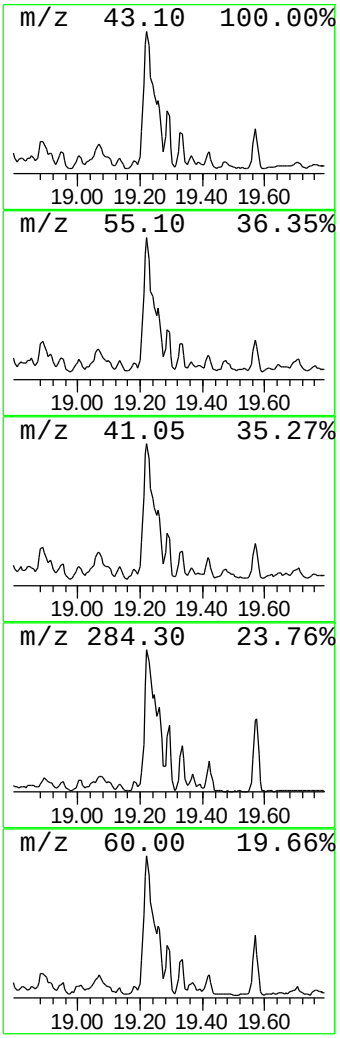
****

Peak Number 15 Isopropyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	34.39 ng	808349	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	70
2	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	35
3	Octadecanoic acid	284	C18H36O2	000057-11-4	27
4	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	16
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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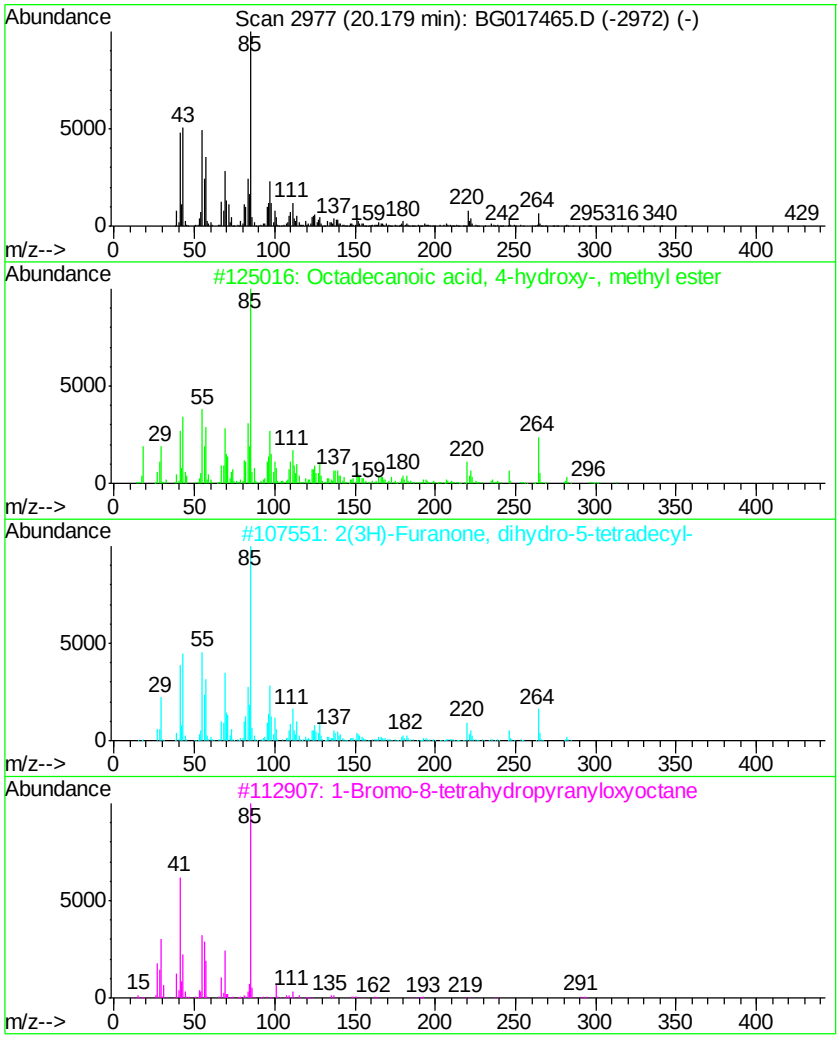
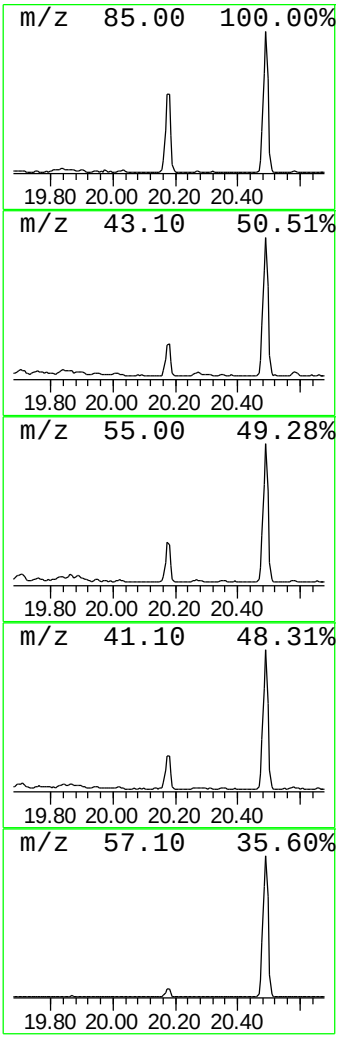
Peak Number 19 Octadecanoic acid, 4-hydrox... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	53.39 ng	1255120	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 4-hydroxy-, m...	314	C19H38O3	002420-38-4	90
2	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	64
3	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	50
4	1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BNO	031748-10-4	49
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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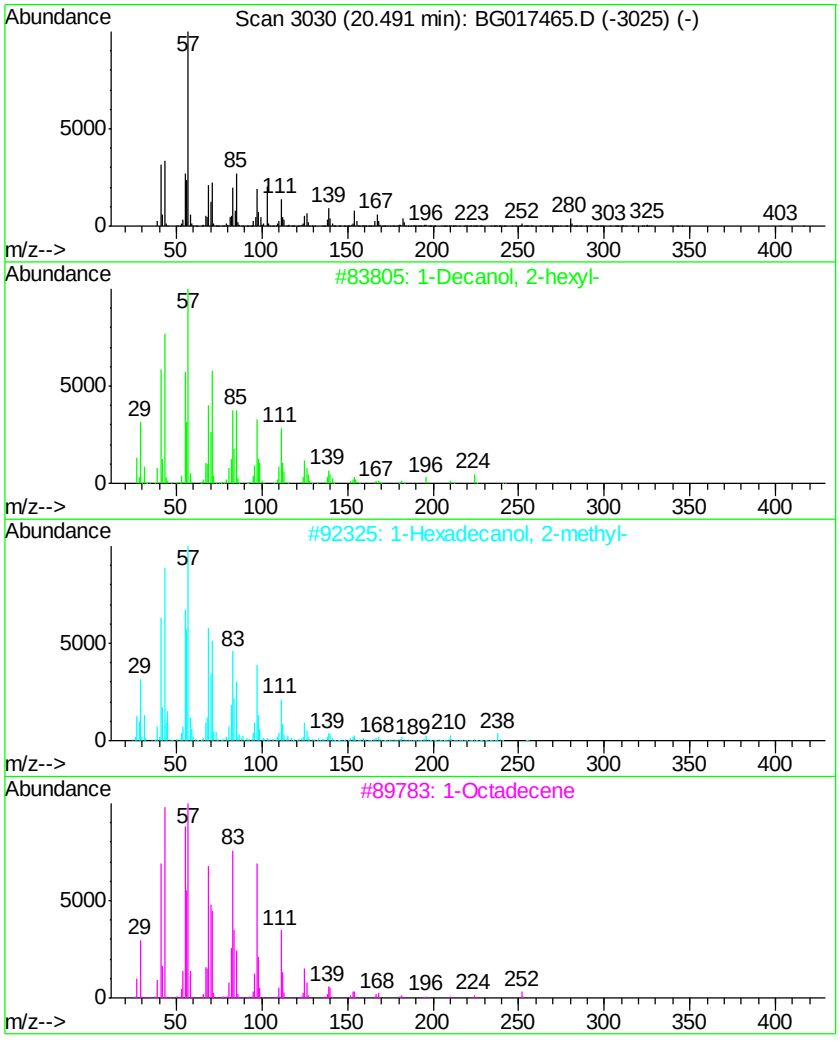
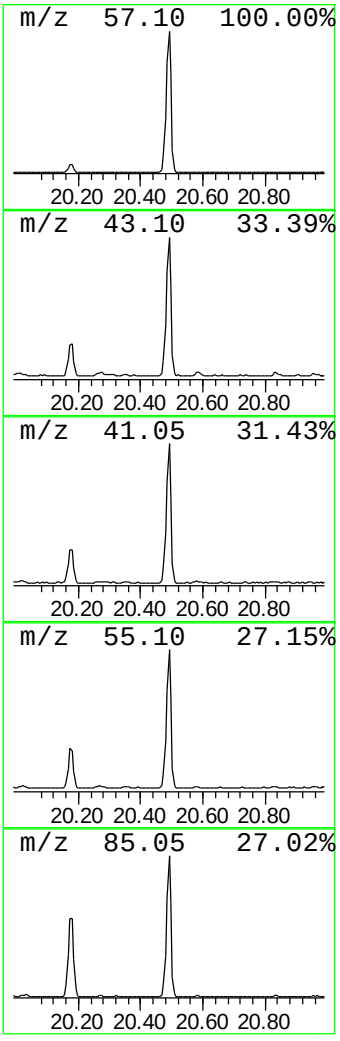
Peak Number 20 1-Decanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	231.10 ng	5432460	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	60
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	50
3	1-Octadecene	252	C18H36	000112-88-9	50
4	1-Docosene	308	C22H44	001599-67-3	46
5	1-Nonadecene	266	C19H38	018435-45-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017465.D
Acq On : 5 Jun 2015 7:08
Operator : TP/IZ
Sample : G2450-30
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.77	12.3	ng	95783	1	7.62	155190	20.0
Propanoic acid, 2...	4.28	185.7	ng	1440950	1	7.62	155190	20.0
unknown7.18	7.18	109.7	ng	851415	1	7.62	155190	20.0
Hexanoic acid	8.32	21.5	ng	167145	1	7.62	155190	20.0
Cyclopentane, 2-e...	17.92	11.4	ng	226105	4	17.04	395166	20.0
Isopropyl Palmitate	18.38	40.8	ng	805429	4	17.04	395166	20.0
unknown18.79	18.79	13.6	ng	268068	4	17.04	395166	20.0
unknown18.89	18.89	43.8	ng	864384	4	17.04	395166	20.0
unknown18.95	18.95	19.1	ng	376925	4	17.04	395166	20.0
unknown19.00	19.00	18.1	ng	356877	4	17.04	395166	20.0
unknown19.07	19.07	40.6	ng	802382	4	17.04	395166	20.0
unknown19.13	19.13	12.1	ng	238362	4	17.04	395166	20.0
unknown19.22	19.22	216.0	ng	5077600	5	21.24	470134	20.0
Isopropyl stearate	19.29	34.4	ng	808349	5	21.24	470134	20.0
Octadecanoic acid...	20.18	53.4	ng	1255120	5	21.24	470134	20.0
1-Decanol, 2-hexyl-	20.49	231.1	ng	5432460	5	21.24	470134	20.0