LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

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-BG083116.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	2.926	9	15	34	rBV	4265182	7633717	78.73%	13.131%
2	5.123	384	389	396	rVB	288461	447753	4.62%	0.770%
3	5.610	464	472	484	rBV	1441826	2447067	25.24%	4.209%
4	7.232	741	748	761	rBV	1538425	2769202	28.56%	4.764%
5	7.590	802	809	817	rBV	1568712	2716833	28.02%	4.673%
6	8.054	882	888	896	rBV	268817	463151	4.78%	0.797%
7	8.377	936	943	951	rBV	1140918	2018215	20.81%	3.472%
8	9.235	1081	1089	1103	rBV	999462	1892512	19.52%	3.255%
9	10.286	1260	1268	1276	rVB4	99021	192148	1.98%	0.331%
10	10.885	1363	1370	1377	rBV	348648	653308	6.74%	1.124%
11	13.341	1780	1788	1797	rBV	2470957	3835981	39.56%	6.599%
12	14.175	1924	1930	1935	rBV	406398	626901	6.47%	1.078%
13	14.251	1937	1943	1957	rVB	622755	1113234	11.48%	1.915%
14	14.727	2013	2024	2030	rBV	555561	904192	9.33%	1.555%
15	16.237	2274	2281	2288	rBV	1858353	2950166	30.43%	5.075%
16	16.413	2307	2311	2324	rBV6	59766	153775	1.59%	0.265%
17	17.212	2441	2447	2450	rBV5	81191	130527	1.35%	0.225%
18	17.494	2490	2495	2499	rBV	618808	985790	10.17%	1.696%
19	17.541	2499	2503	2508	rVB	316699	508450	5.24%	0.875%
20	17.770	2539	2542	2547	rVB6	106673	138506	1.43%	0.238%
21	18.317	2630	2635	2640	rBV	680682	911646	9.40%	1.568%
22	18.375	2641	2645	2651	rVV	1163836	1554308	16.03%	2.674%
23	18.563	2674	2677	2681	rBV4	76609	109981	1.13%	0.189%
24	18.922	2735	2738	2744	rVB5	57379	97586	1.01%	0.168%
25	19.280	2797	2799	2803	rVB3	96959	111191	1.15%	0.191%
26	19.427	2822	2824	2830	rBV5	72169	120900	1.25%	0.208%
27	19.503	2832	2837	2838	rBV	451103	579879	5.98%	0.997%
28	19.533	2838	2842	2843	rVV	837003	1191914	12.29%	2.050%
29	19.550	2843	2845	2853	rVV	1308575	1863949	19.22%	3.206%
30	19.644	2857	2861	2870	rVB2	328269	490418	5.06%	0.844%
31	19.914	2904	2907	2914	rVB	517838	735003	7.58%	1.264%
32	20.108	2934	2940	2945	rVB	3550975	4695927	48.43%	8.078%
33	21.406	3158	3161	3167	rVB5	226775	356571	3.68%	0.613%
34	21.665	3199	3205	3211	rVB	6803696	9696018	100.00%	16.679%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

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-BG083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.806	3222	3229	3234	rBV2	718430	1547167	15.96%	2.661%
36	24.132	3621	3625	3633	rVB	708742	1489458	15.36%	2.562%

Sum of corrected areas: 58133344

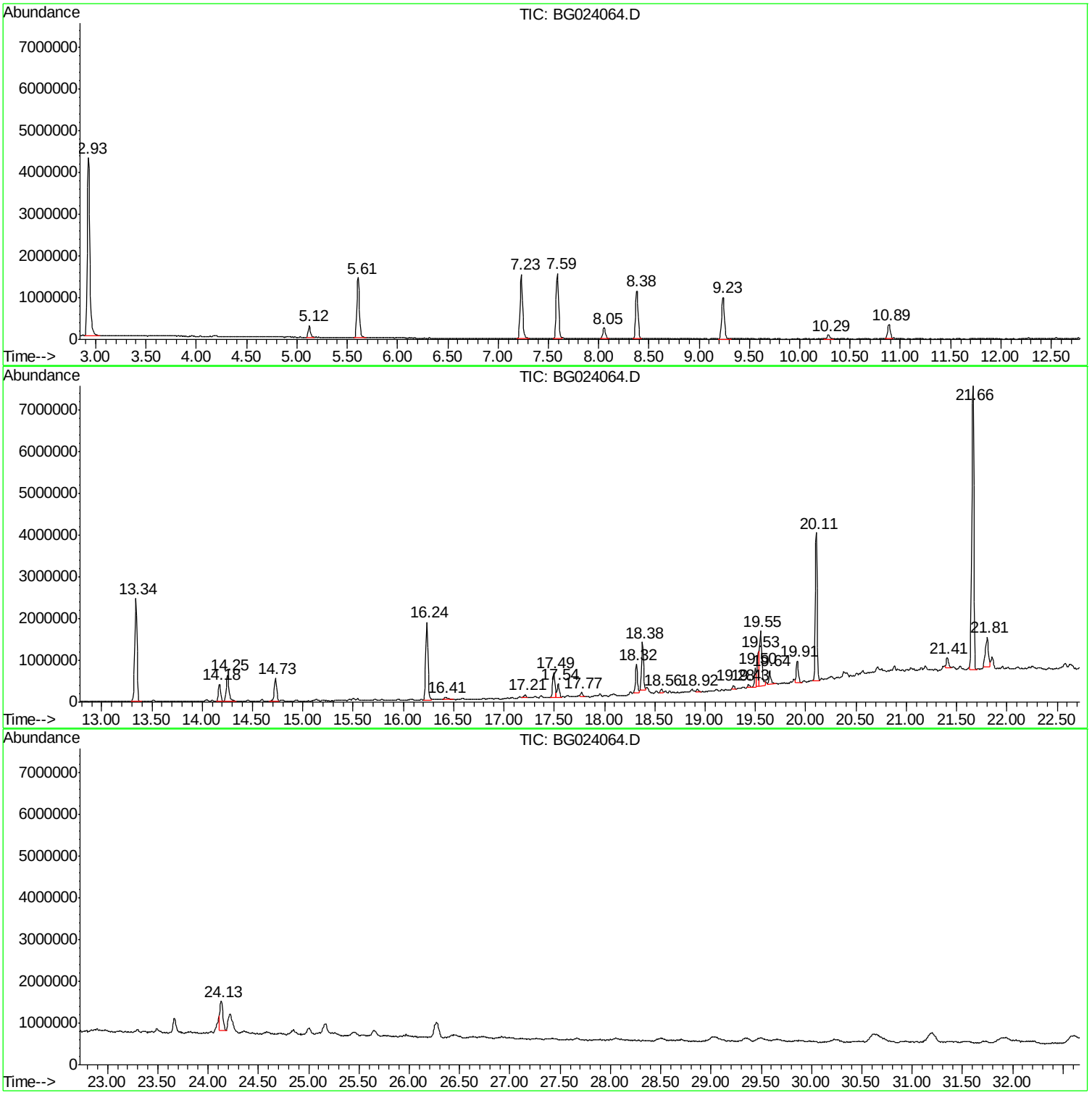
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

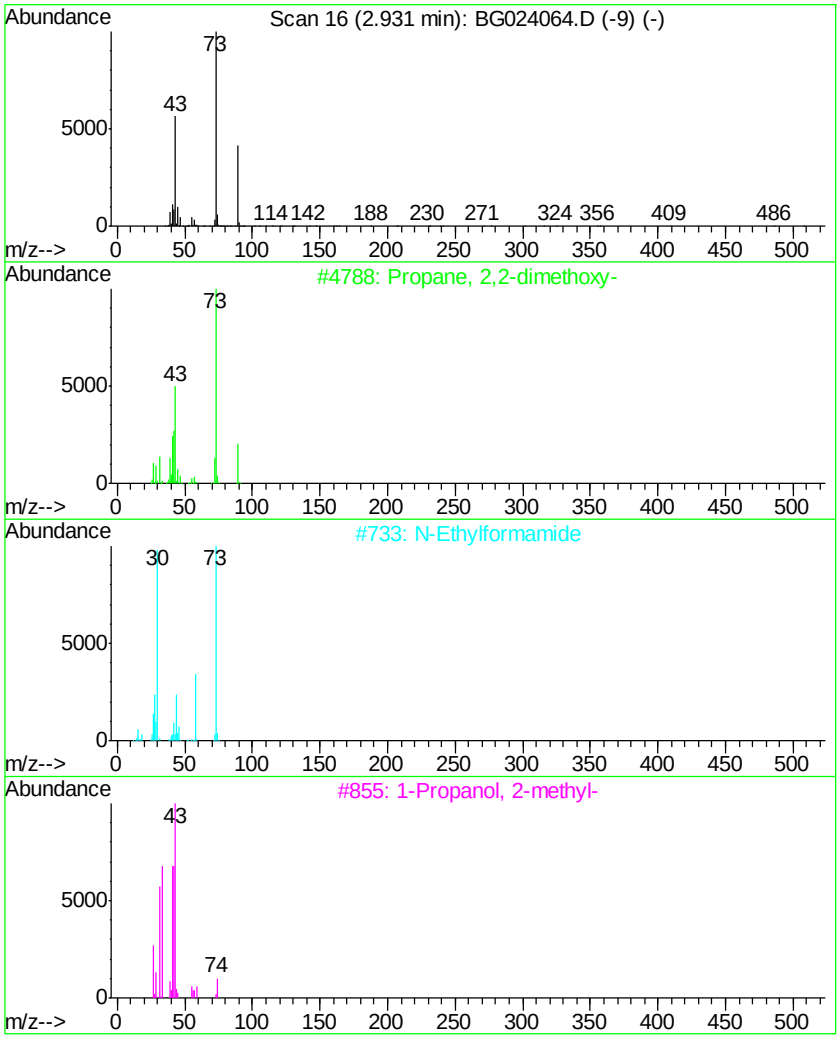
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

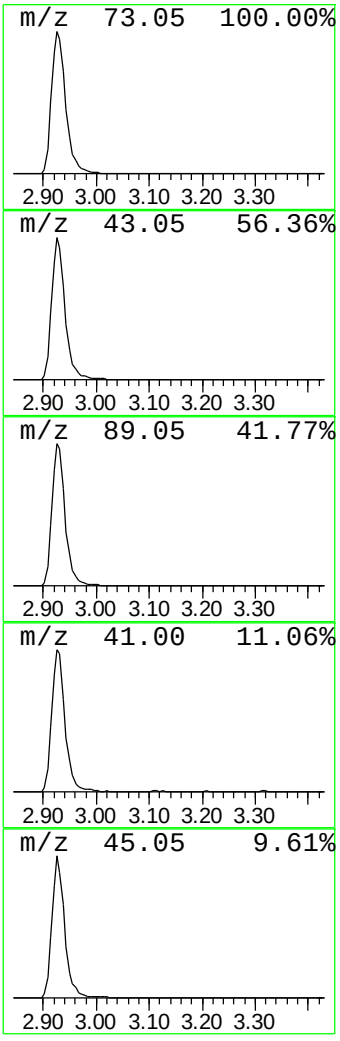
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	329.64 ng	7633720	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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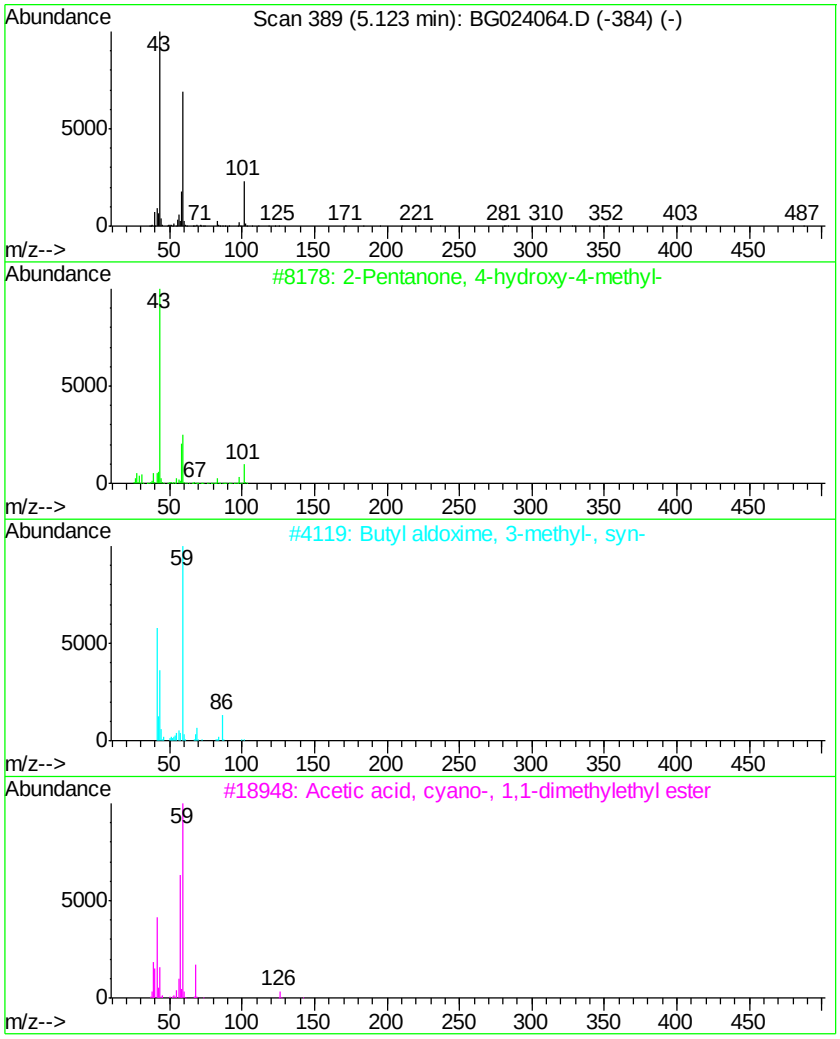
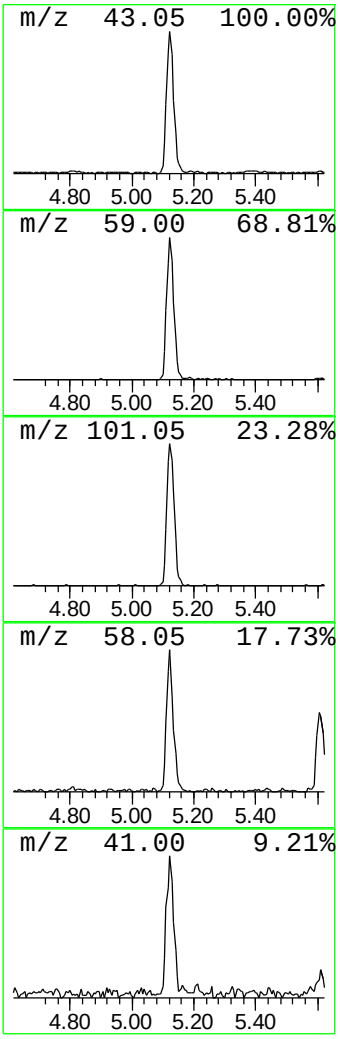
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	19.34 ng	447753	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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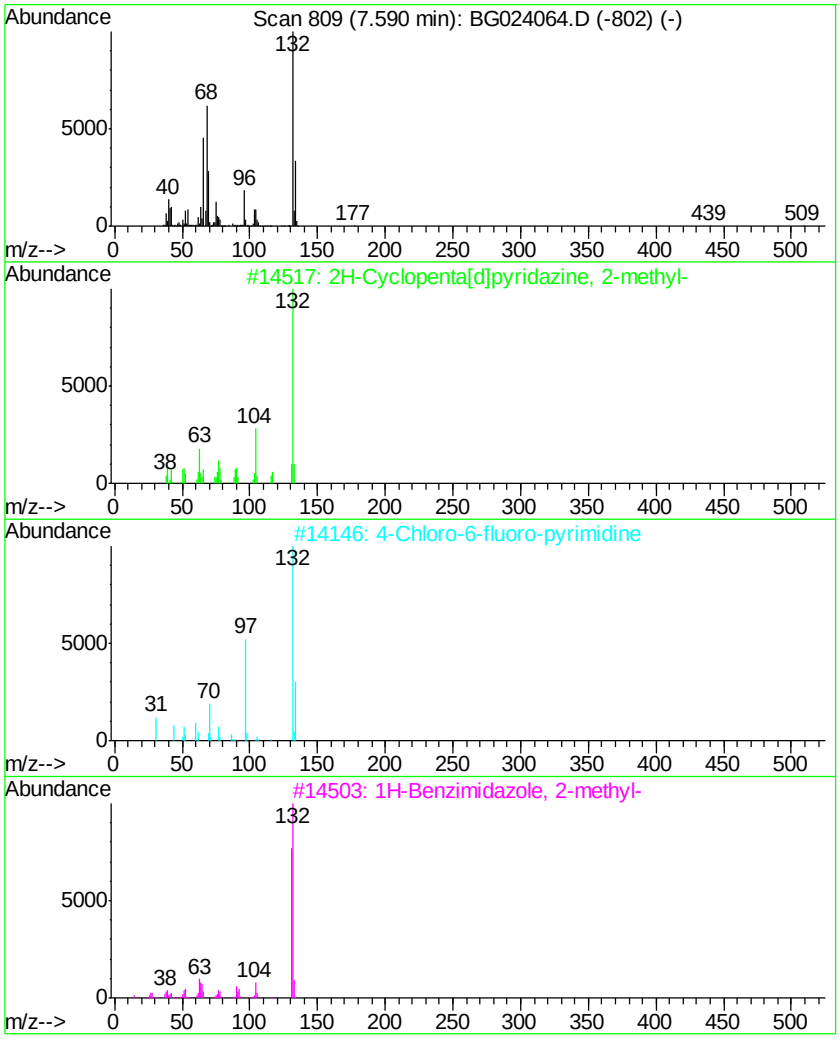
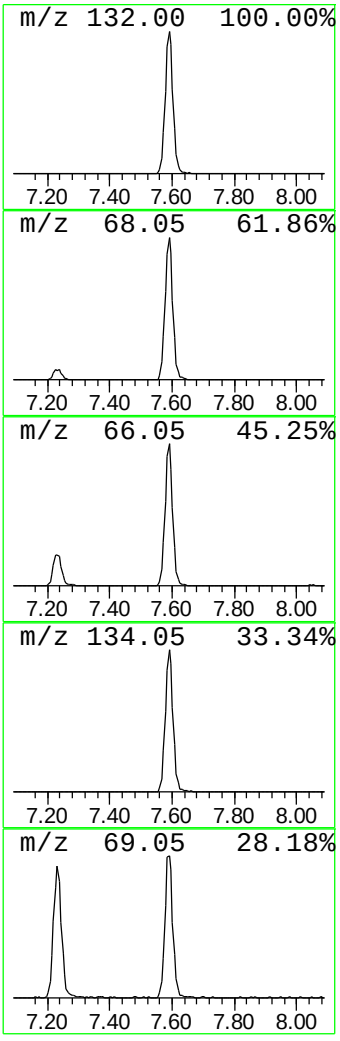
Peak Number 3 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	117.32 ng	2716830	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

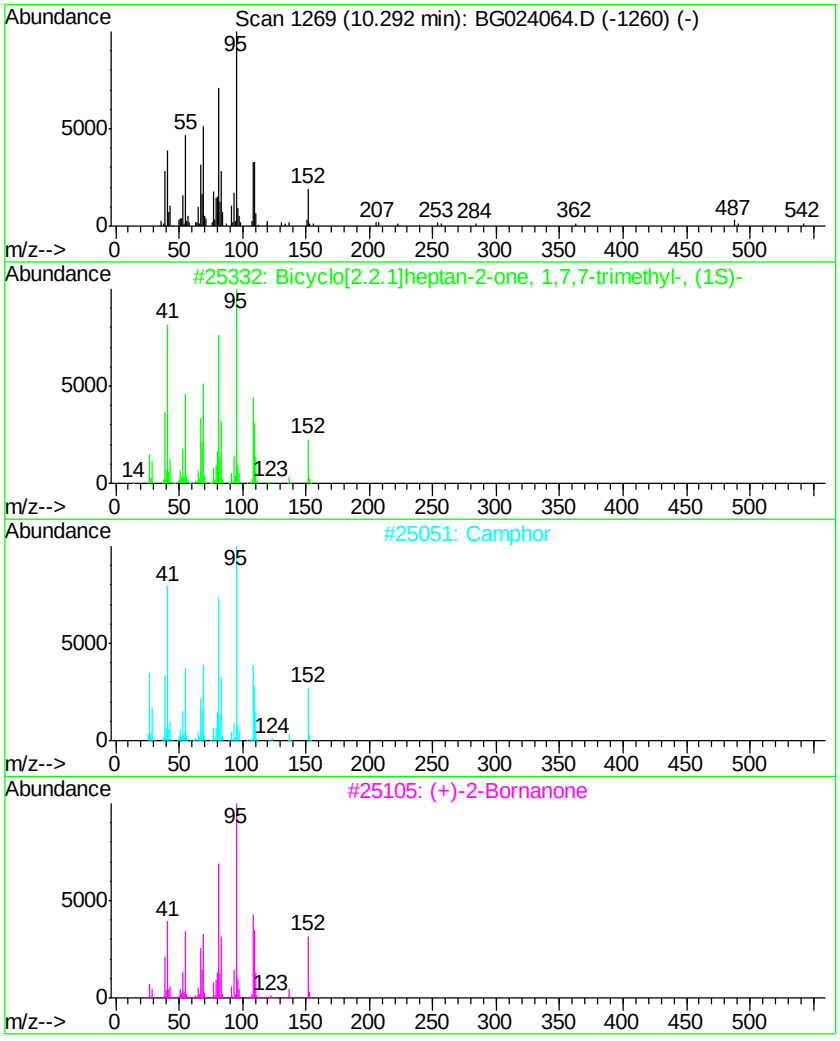
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

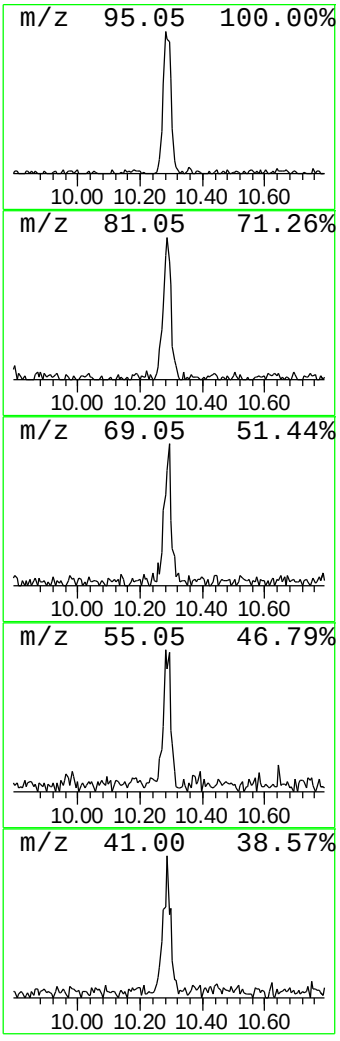
****

Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	5.88 ng	192148	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	Camphor	152	C10H16O	000076-22-2	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	Pulegone	152	C10H16O	000089-82-7	38
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

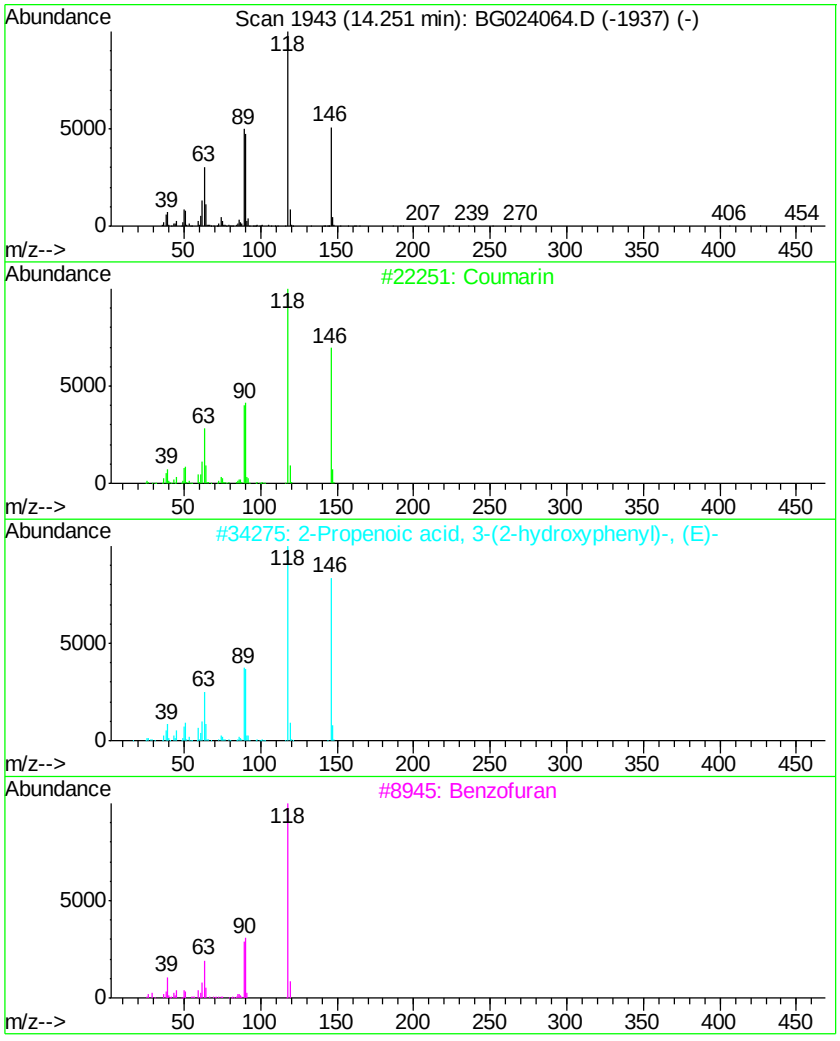
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

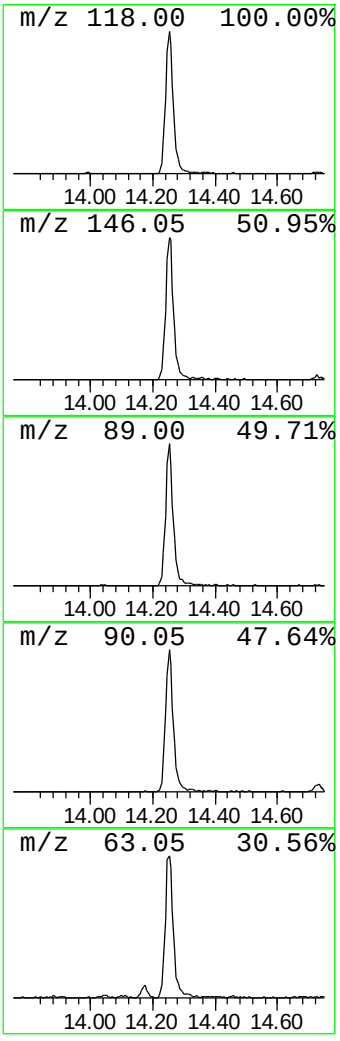
****

Peak Number 6 Coumarin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	24.62 ng	1113230	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coumarin	146	C9H6O2	000091-64-5	94
2	2-Propenoic acid, 3-(2-hydroxyph...	164	C9H8O3	000614-60-8	90
3	Benzofuran	118	C8H6O	000271-89-6	81
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	53
5	Benzofuran-2-carboxaldehyde	146	C9H6O2	004265-16-1	38





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Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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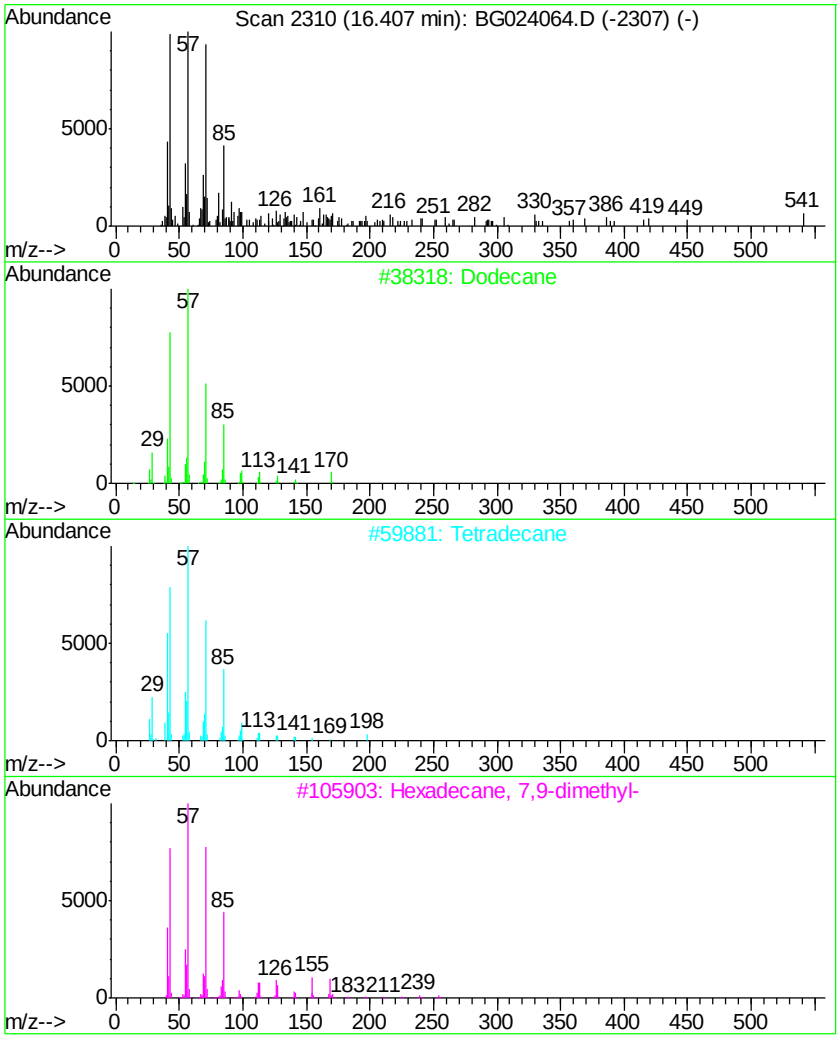
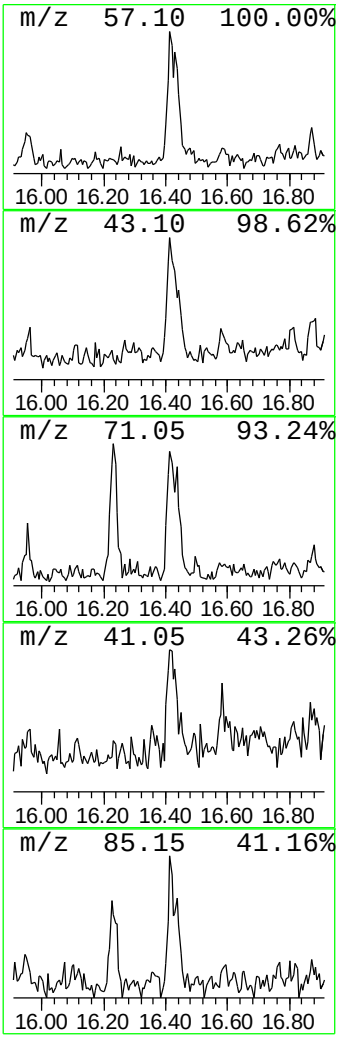
Peak Number 7 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	3.12 ng	153775	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	81
2	Tetradecane	198	C14H30	000629-59-4	76
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : H4819-06
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Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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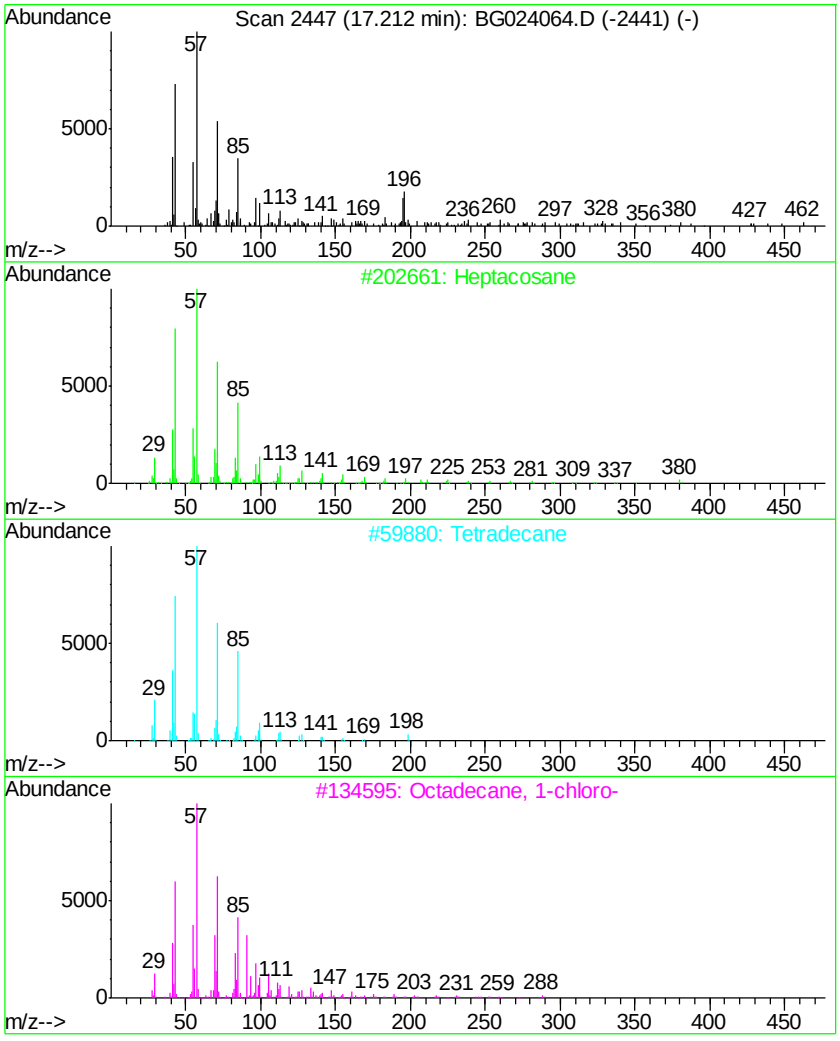
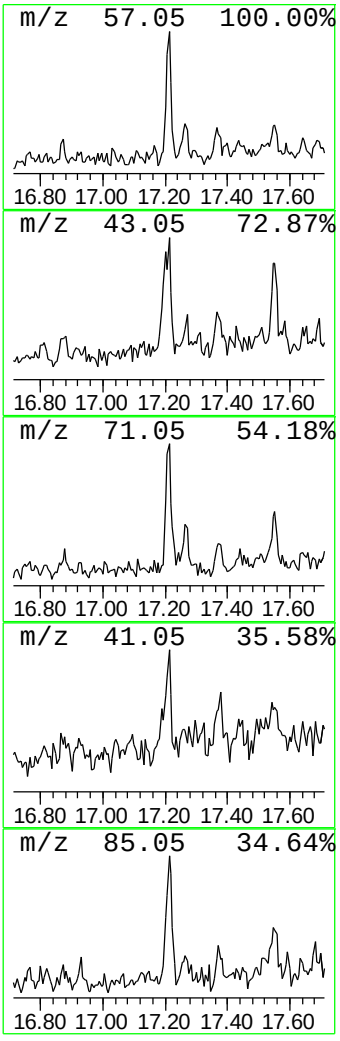
Peak Number 8 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.65 ng	130527	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Tetradecane	198	C14H30	000629-59-4	64
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
4	Docosane	310	C22H46	000629-97-0	58
5	Octadecane	254	C18H38	000593-45-3	58





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Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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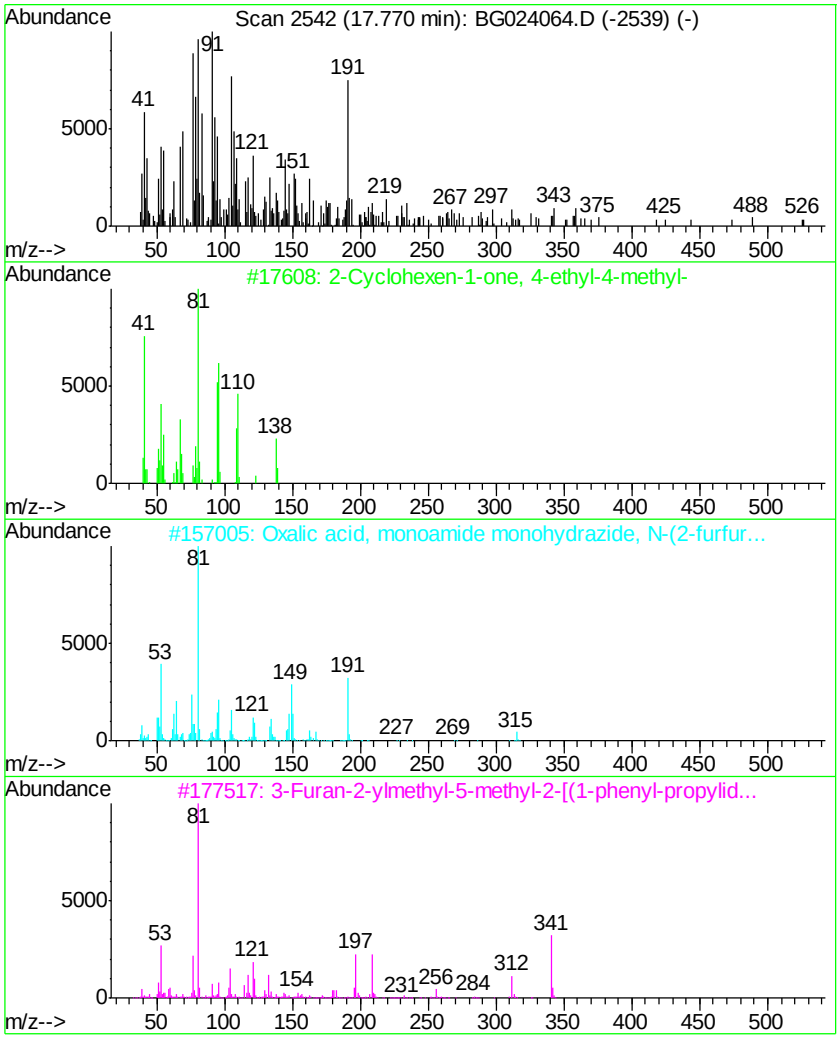
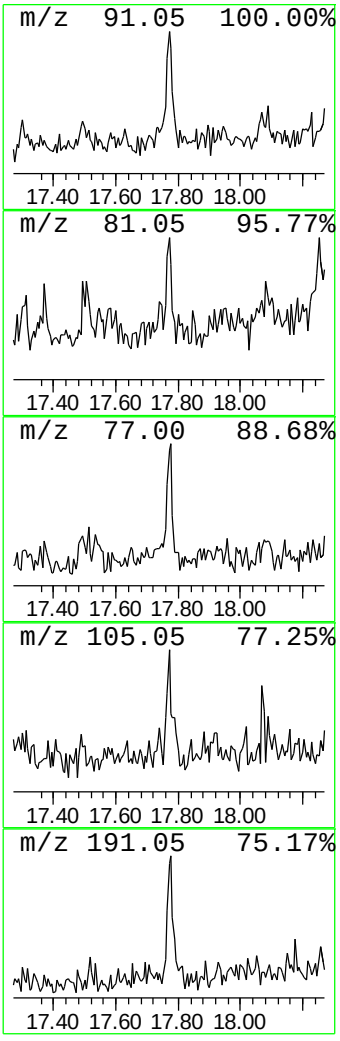
Peak Number 9 unknown17.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.81 ng	138506	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4-ethyl-4-me...	138	C9H14O	017429-32-2	46
2	Oxalic acid, monoamide monohydra...	315	C15H13N3O5	1000293-99-6	43
3	3-Furan-2-ylmethyl-5-methyl-2-[(...	341	C18H19N3O2S	1000275-52-0	38
4	Furfuryl isothiocyanate	139	C6H5NOS	004650-60-6	38
5	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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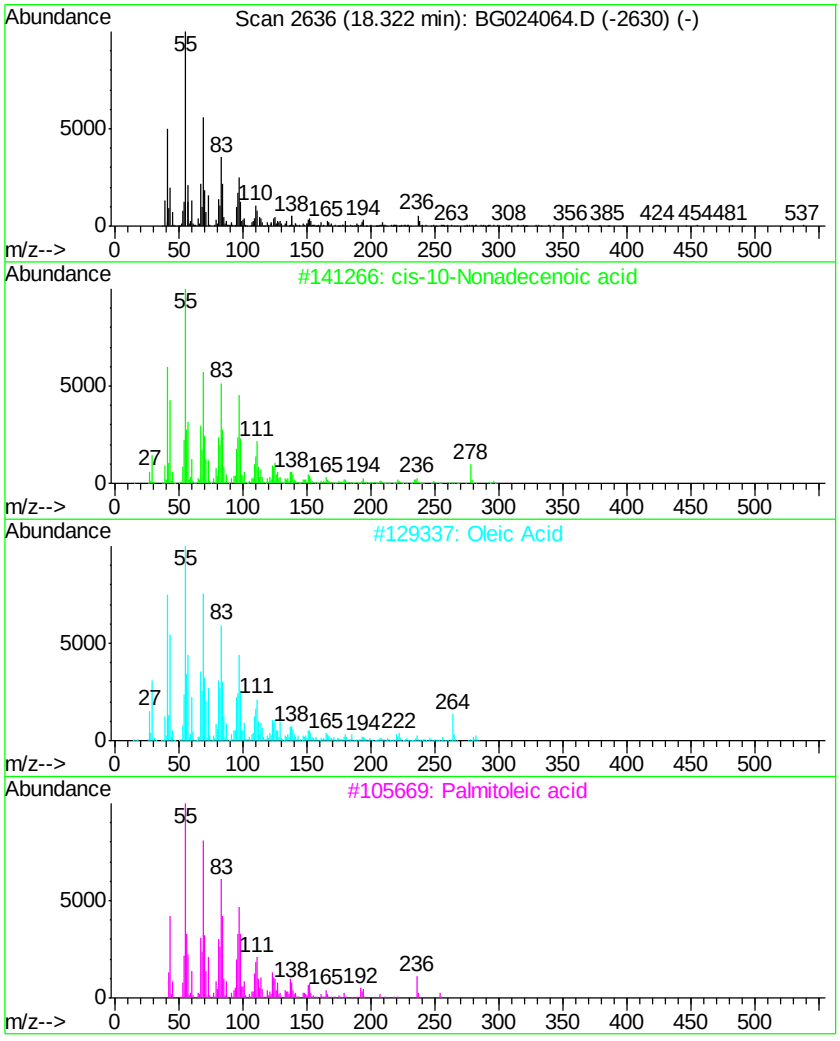
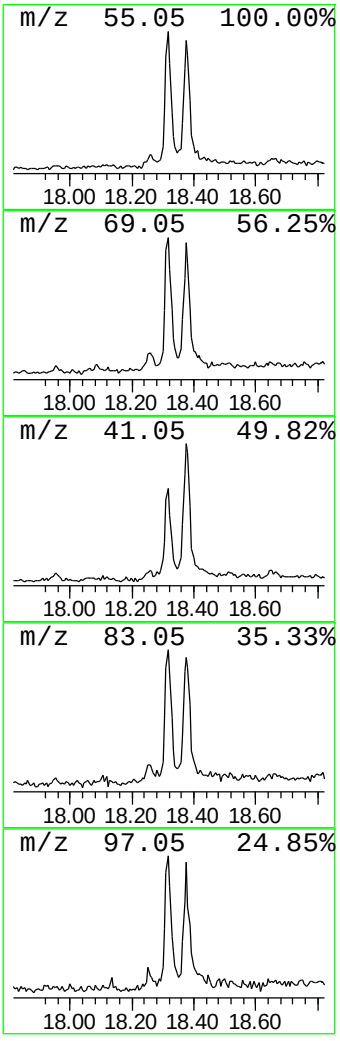
Peak Number 10 cis-10-Nonadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	18.50 ng	911646	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	91
2	Oleic Acid	282	C18H34O2	000112-80-1	86
3	Palmitoleic acid	254	C16H30O2	000373-49-9	83
4	Erucic acid	338	C22H42O2	000112-86-7	81
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	80





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Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

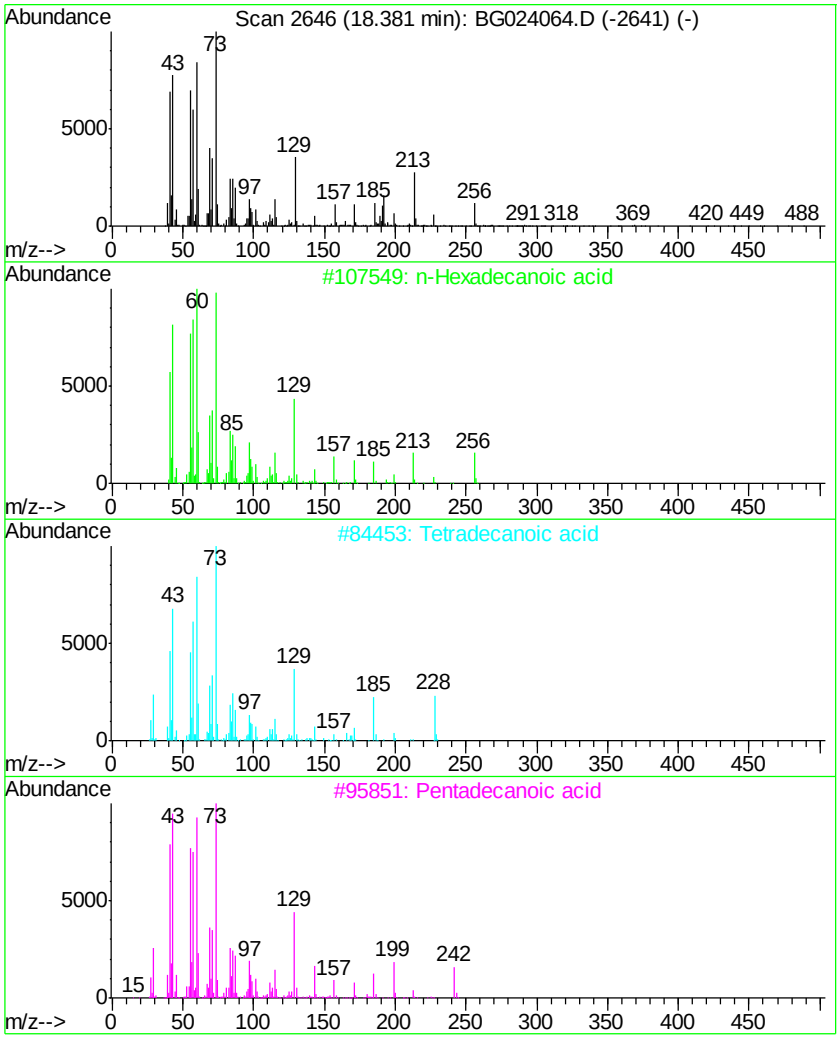
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

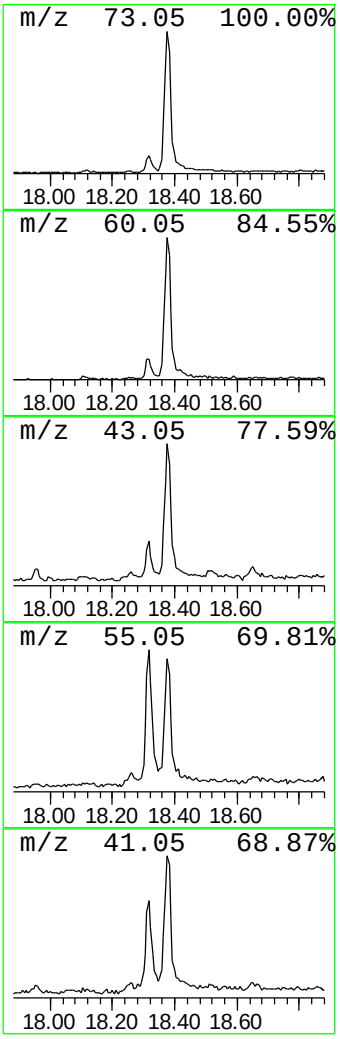
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	31.53 ng	1554310	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

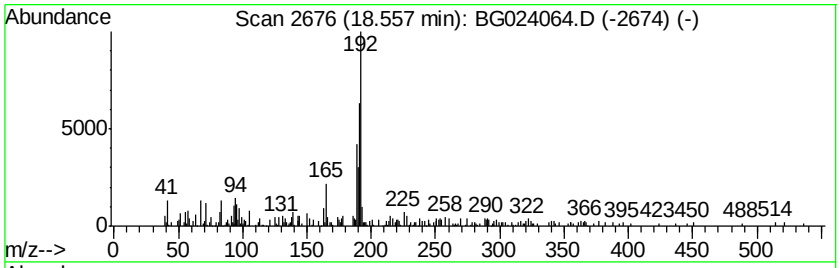
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

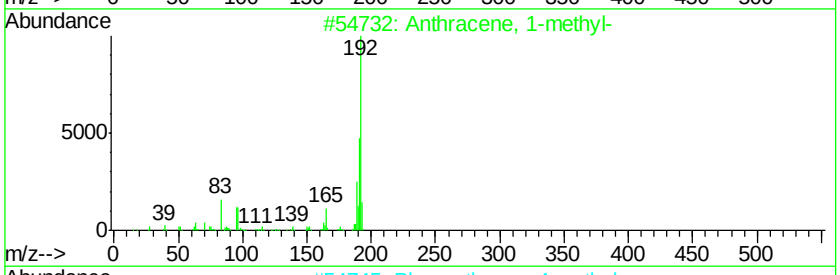
****

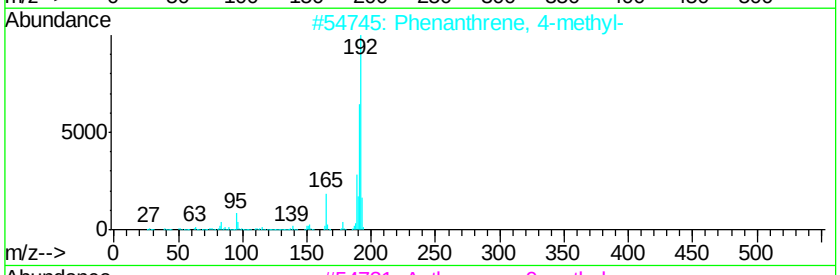
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 17

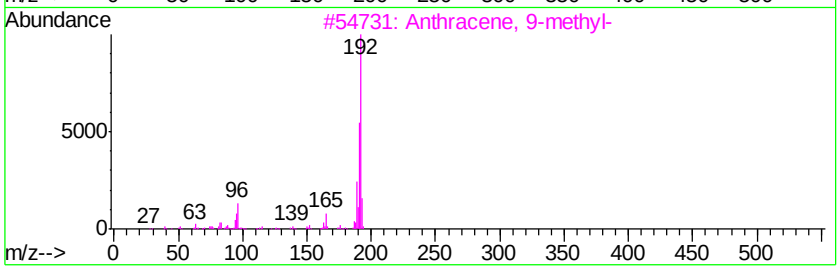
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.23 ng	109981	Phenanthrene-d10	17.49

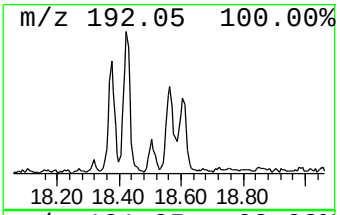
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	47
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	47

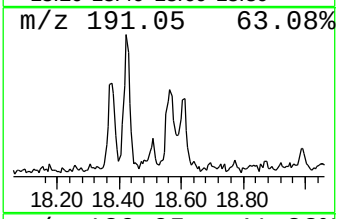


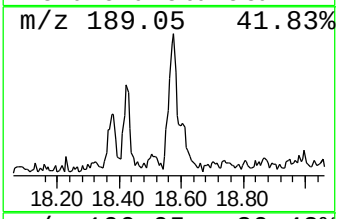


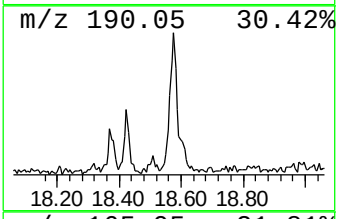


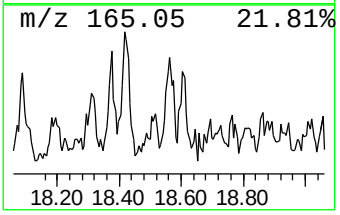












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Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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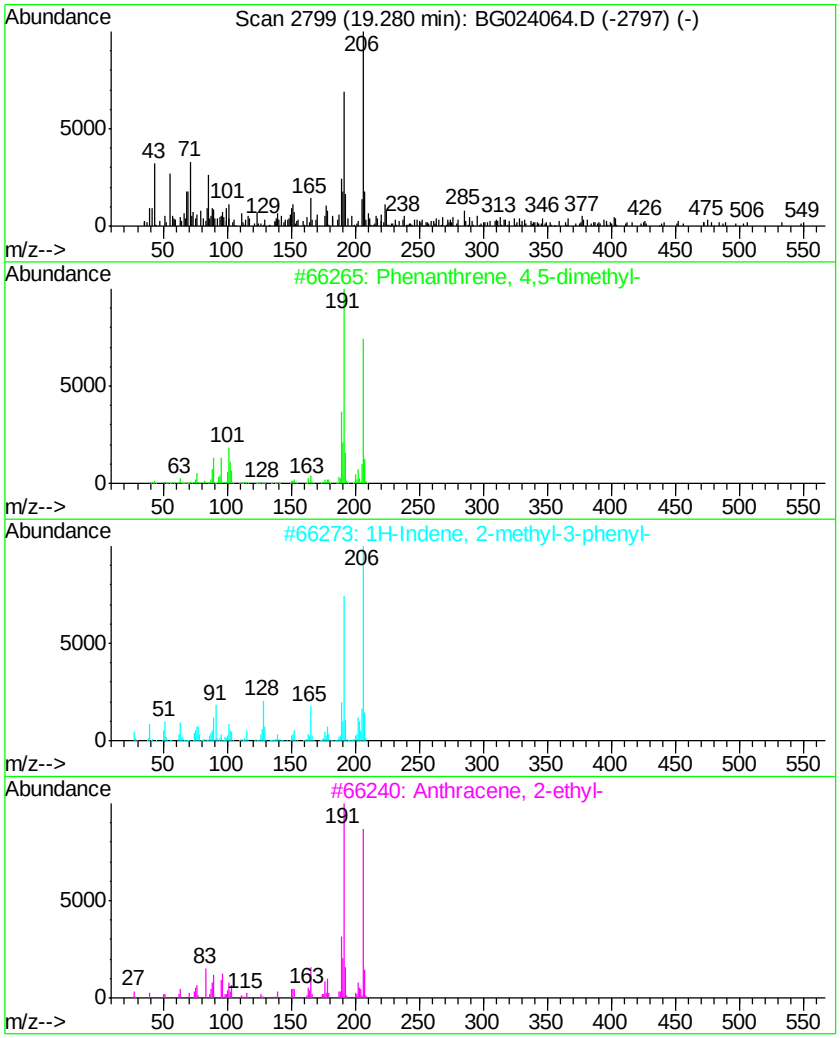
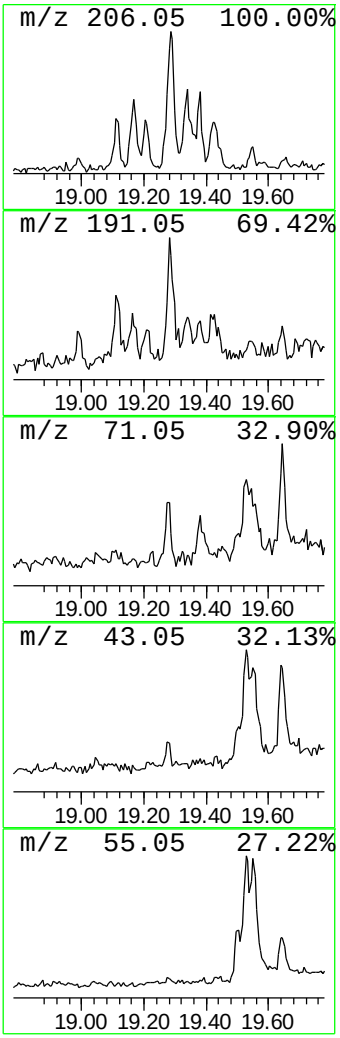
Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.26 ng	111191	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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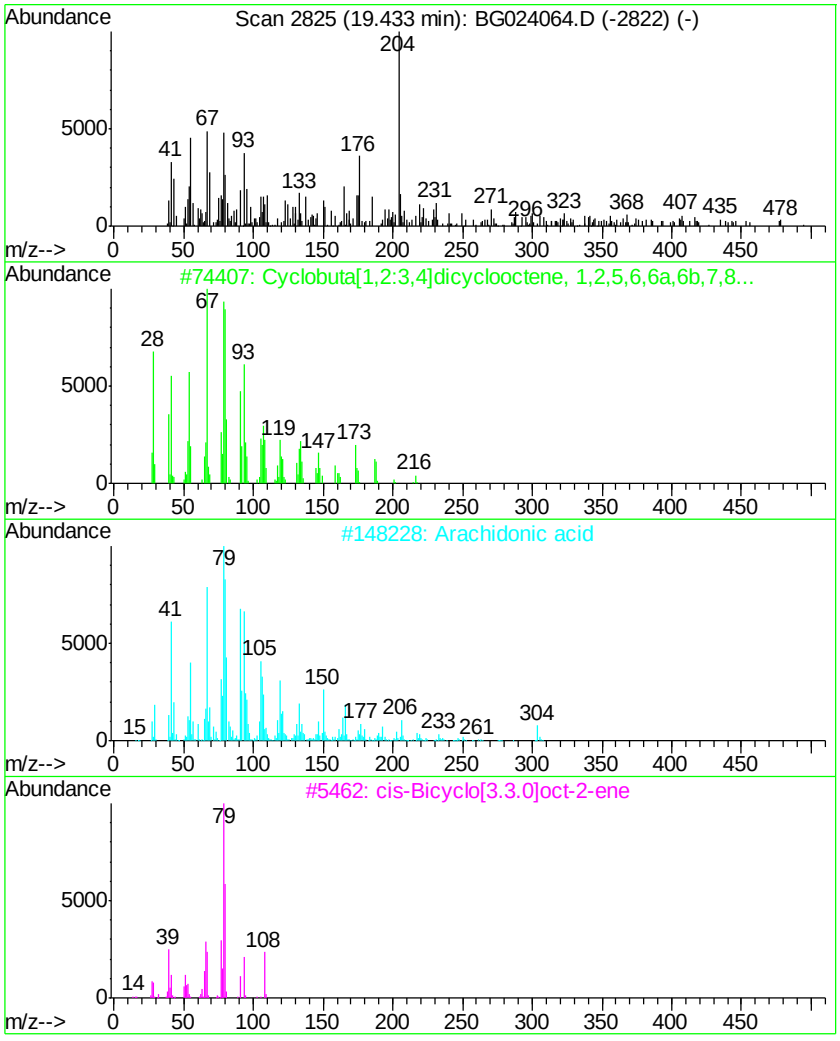
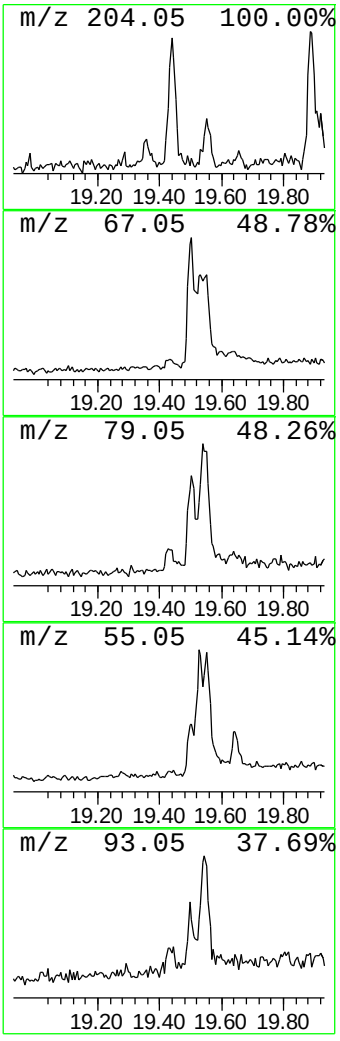
Peak Number 14 Cyclobuta[1,2:3,4]dicyclooc... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.45 ng	120900	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1,2:3,4]dicyclooctene,...	216	C16H24	061277-43-8	70
2	Arachidonic acid	304	C20H32O2	000506-32-1	60
3	cis-Bicyclo[3.3.0]oct-2-ene	108	C8H12	000930-99-4	58
4	Tricyclo[4.2.1.0(2,5)]nonane	122	C9H14	1000195-06-2	53
5	Tricyclodecanedimethanamine-	194	C12H22N2	026655-37-8	53





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Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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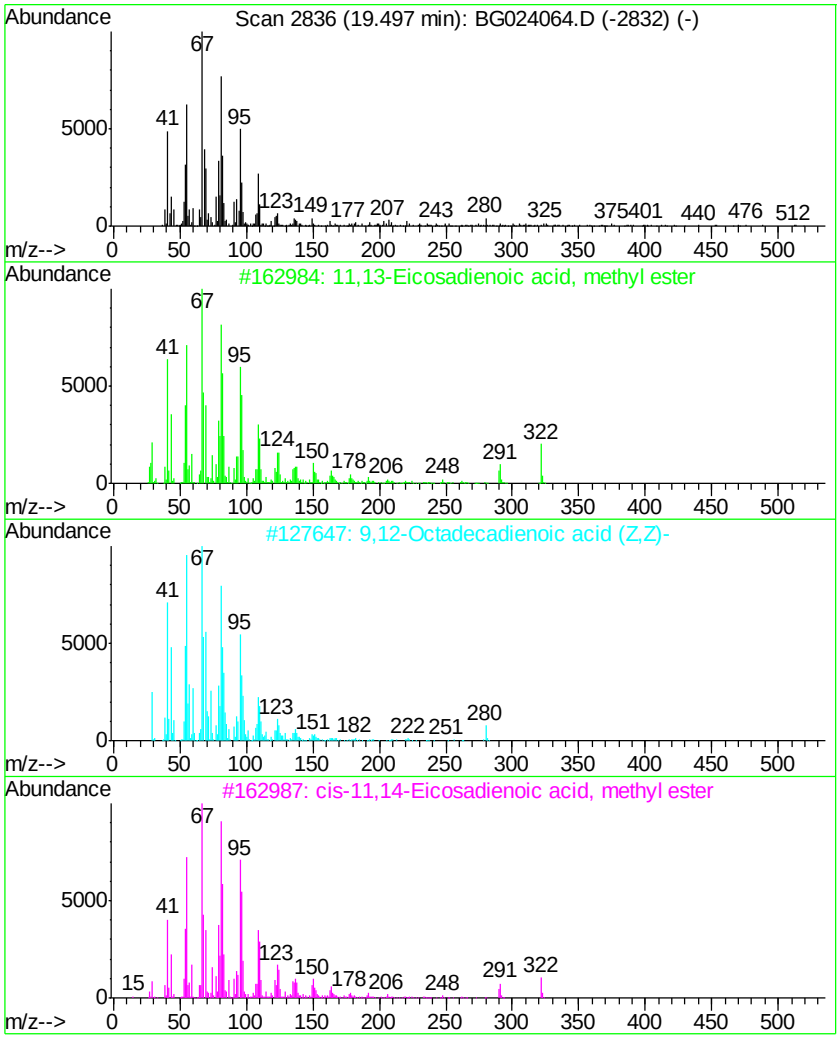
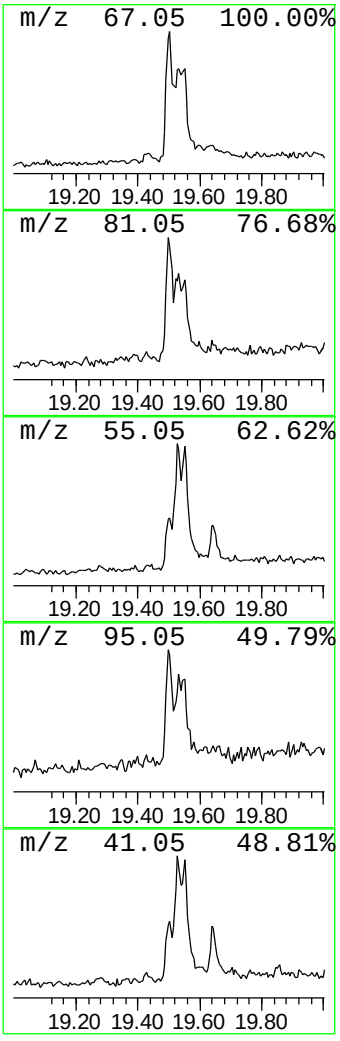
Peak Number 15 11,13-Eicosadienoic acid, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	11.76 ng	579879	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Eicosadienoic acid, methyl...	322	C21H38O2	056599-57-6	94
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
3	cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	94
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91





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Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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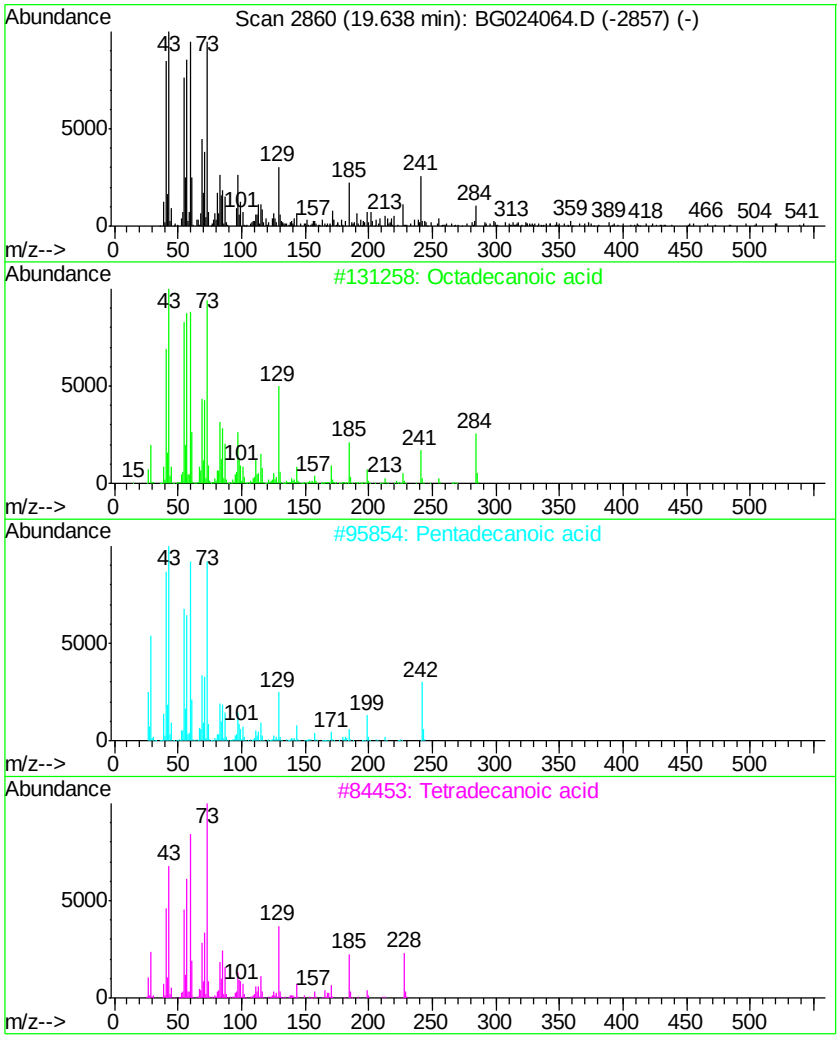
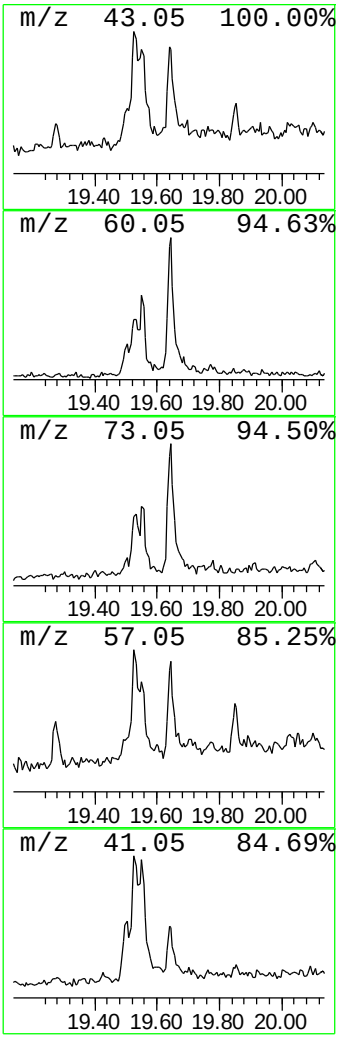
Peak Number 16 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	9.95 ng	490418	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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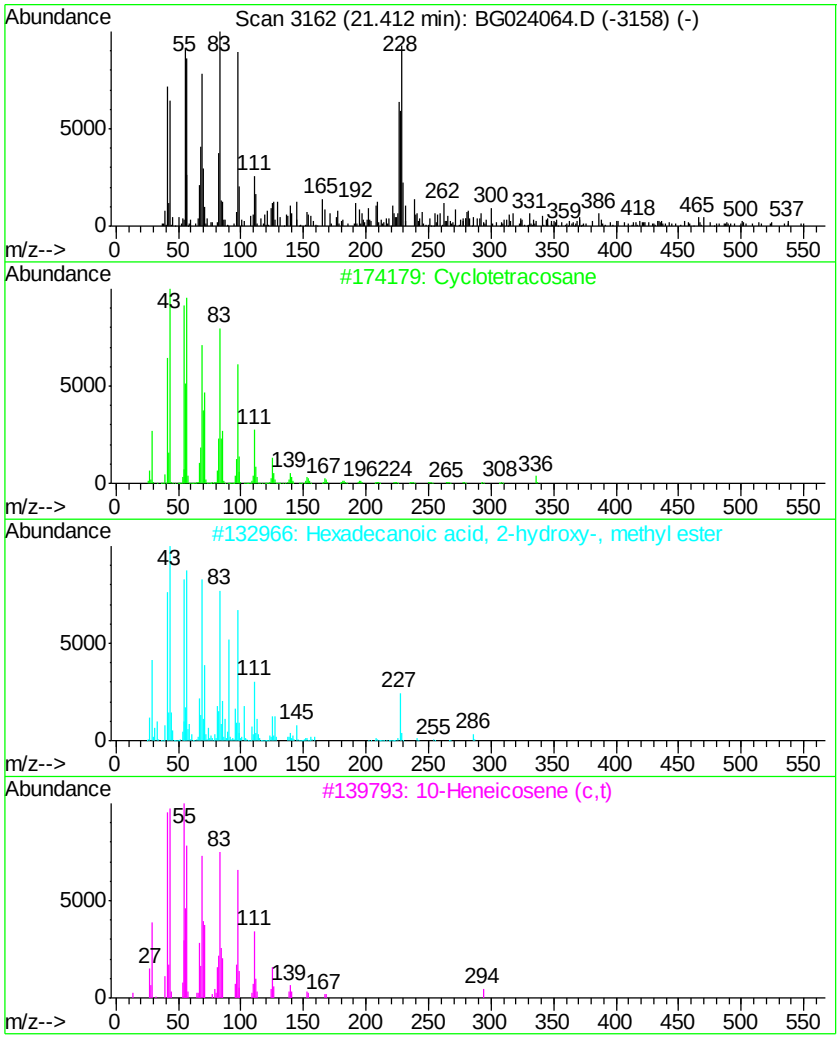
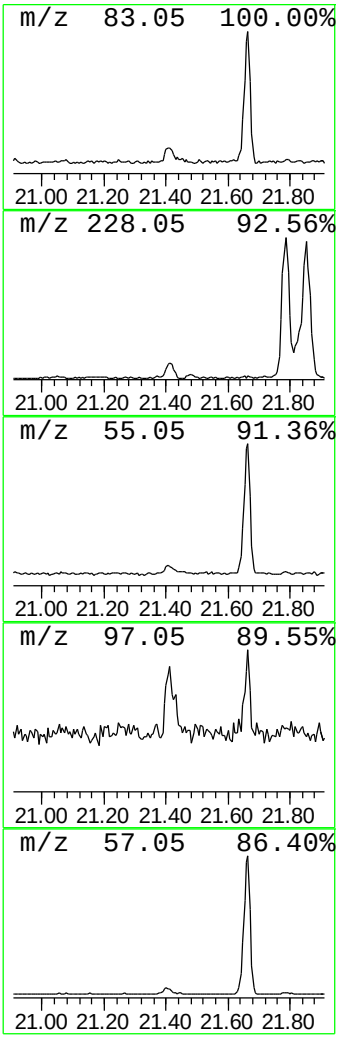
Peak Number 17 Cyclotetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.61 ng	356571	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	86
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	83
4	Behenic alcohol	326	C22H46O	000661-19-8	64
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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
Propane, 2,2-dime...	2.93	329.6	ng	7633720	1	8.05	463151	20.0
2-Pentanone, 4-hy...	5.12	19.3	ng	447753	1	8.05	463151	20.0
unknown7.59	7.59	117.3	ng	2716830	1	8.05	463151	20.0
Bicyclo[2.2.1]hep...	10.29	5.9	ng	192148	2	10.89	653308	20.0
Coumarin	14.25	24.6	ng	1113230	3	14.73	904192	20.0
Dodecane	16.41	3.1	ng	153775	4	17.49	985790	20.0
Heptacosane	17.21	2.6	ng	130527	4	17.49	985790	20.0
unknown17.77	17.77	2.8	ng	138506	4	17.49	985790	20.0
cis-10-Nonadeceno...	18.32	18.5	ng	911646	4	17.49	985790	20.0
n-Hexadecanoic acid	18.38	31.5	ng	1554310	4	17.49	985790	20.0
Anthracene, 1-met...	18.56	2.2	ng	109981	4	17.49	985790	20.0
Phenanthrene, 4,5...	19.28	2.3	ng	111191	4	17.49	985790	20.0
Cyclobuta[1,2:3,4...	19.43	2.5	ng	120900	4	17.49	985790	20.0
11,13-Eicosadieno...	19.50	11.8	ng	579879	4	17.49	985790	20.0
Octadecanoic acid	19.64	9.9	ng	490418	4	17.49	985790	20.0
Cyclotetracosane	21.41	4.6	ng	356571	5	21.81	1547170	20.0