LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG070816.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	5.699	480	487	496	rBV	267528	446980	2.53%	0.730%
2	7.303	751	760	769	rBV2	218100	419407	2.37%	0.685%
3	7.679	818	824	833	rBV	504191	902603	5.10%	1.474%
4	8.155	896	905	912	rBV2	383706	677795	3.83%	1.107%
5	8.478	953	960	969	rVB	977362	1742126	9.84%	2.845%
6	9.324	1097	1104	1114	rVB	984131	1739417	9.83%	2.841%
7	10.981	1378	1386	1398	rBV	570642	1065992	6.02%	1.741%
8	13.419	1791	1801	1808	rBV	2731561	4615582	26.07%	7.538%
9	14.236	1934	1940	1946	rBV	343672	497880	2.81%	0.813%
10	14.800	2029	2036	2043	rVB2	1060106	1687905	9.54%	2.757%
11	16.286	2284	2289	2297	rVB	1154699	1821833	10.29%	2.975%
12	16.938	2394	2400	2409	rBV	1989693	2958955	16.72%	4.832%
13	17.555	2499	2505	2513	rBV	1471779	2208014	12.47%	3.606%
14	17.702	2526	2530	2536	rVB2	219006	289559	1.64%	0.473%
15	18.454	2648	2658	2678	rBV	9398584	17701996	100.00%	28.910%
16	19.089	2762	2766	2770	rBV3	155984	210133	1.19%	0.343%
17	19.700	2864	2870	2882	rBV	5305204	7177715	40.55%	11.722%
18	19.800	2884	2887	2891	rVV2	156685	210031	1.19%	0.343%
19	19.870	2894	2899	2906	rVB	1067226	1469027	8.30%	2.399%
20	19.970	2912	2916	2924	rVB	227277	348664	1.97%	0.569%
21	20.152	2942	2947	2952	rBV	5260252	7250018	40.96%	11.840%
22	21.457	3165	3169	3179	rVB9	139628	293422	1.66%	0.479%
23	21.838	3228	3234	3243	rVB2	1576615	2728344	15.41%	4.456%
24	25.182	3794	3803	3816	rVB2	948871	2768904	15.64%	4.522%

Sum of corrected areas: 61232302

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
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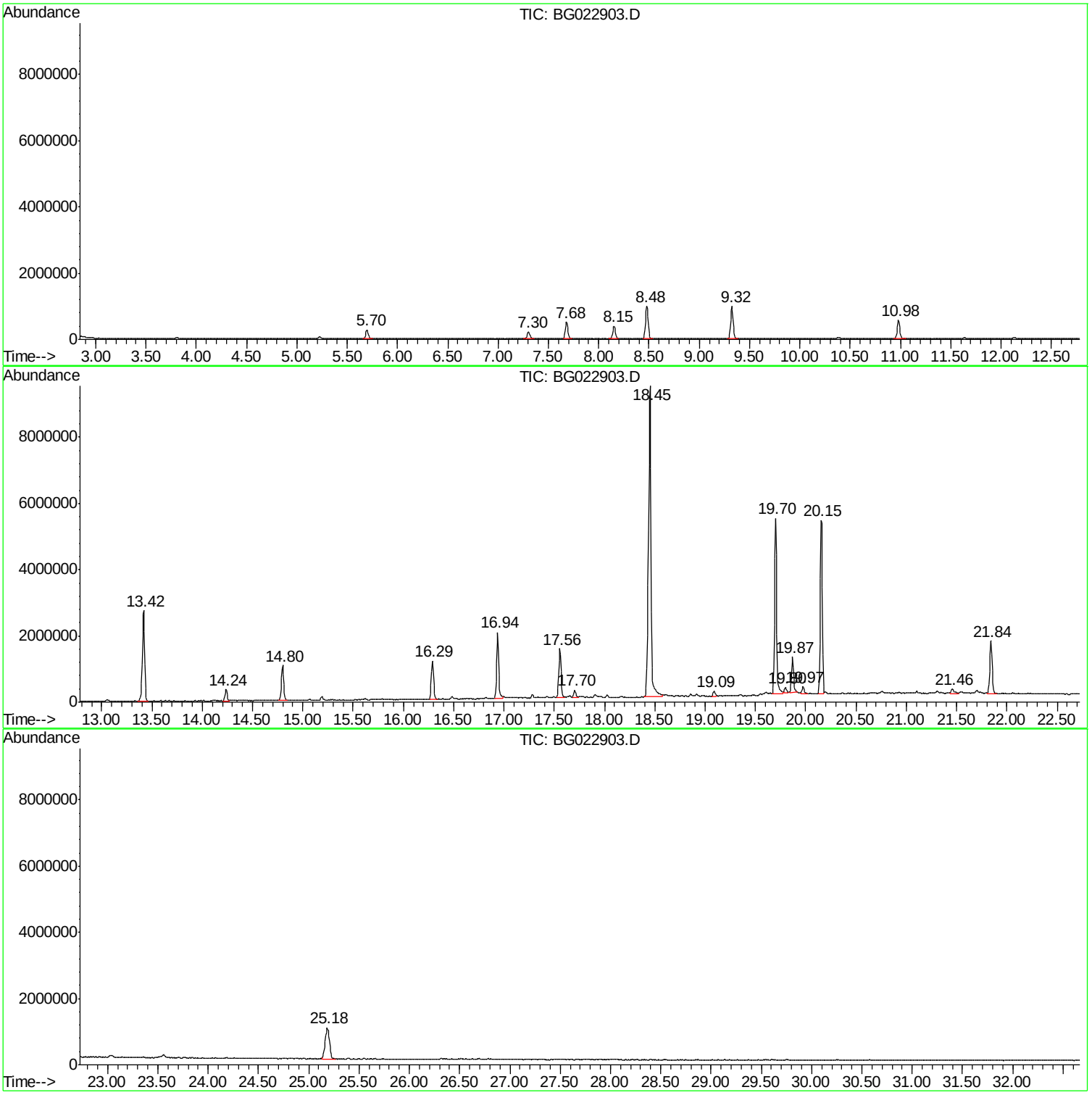
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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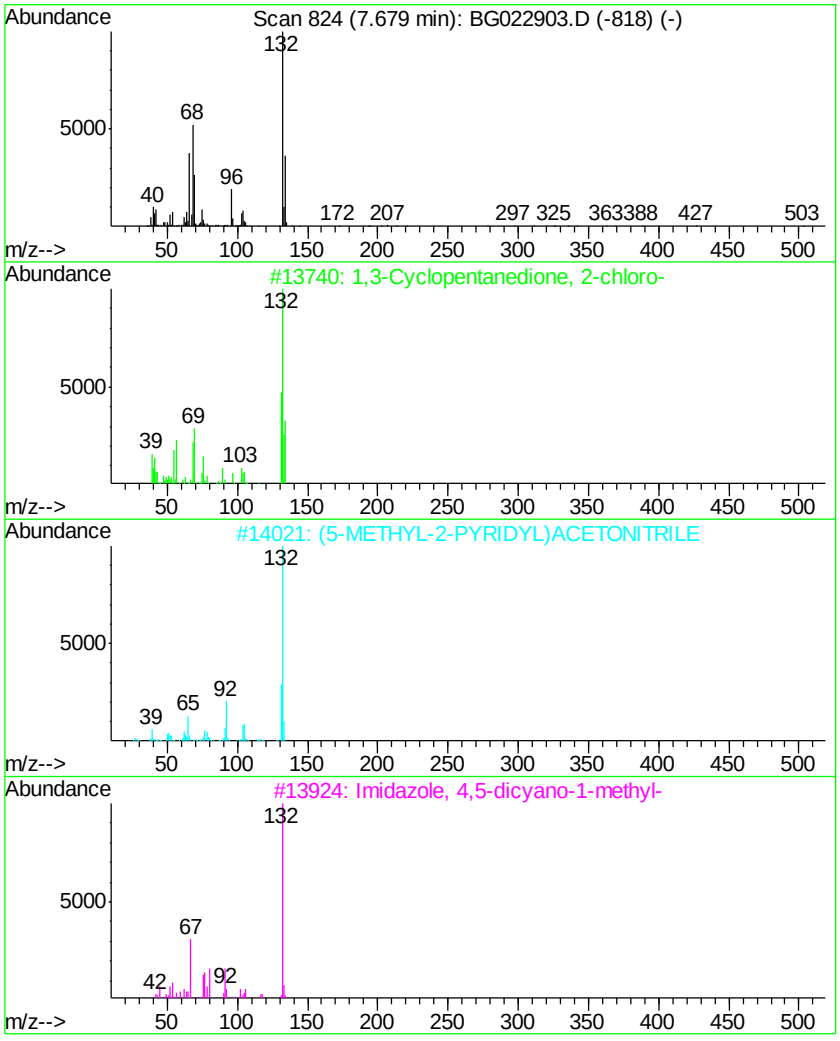
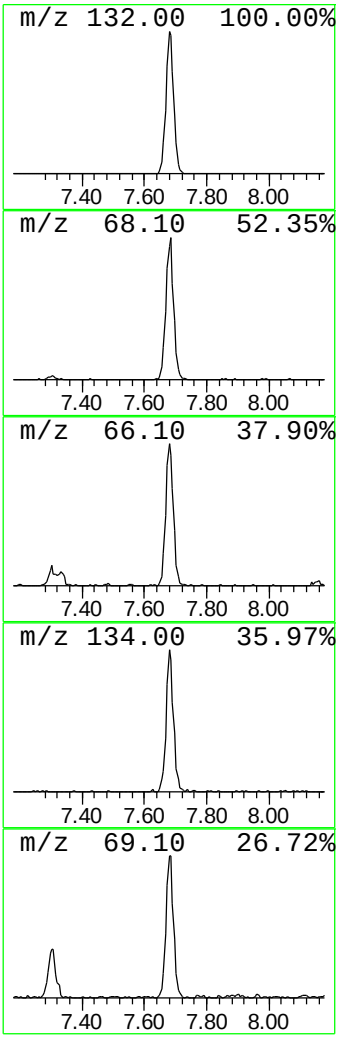
Peak Number 1 unknown7.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	26.63 ng	902603	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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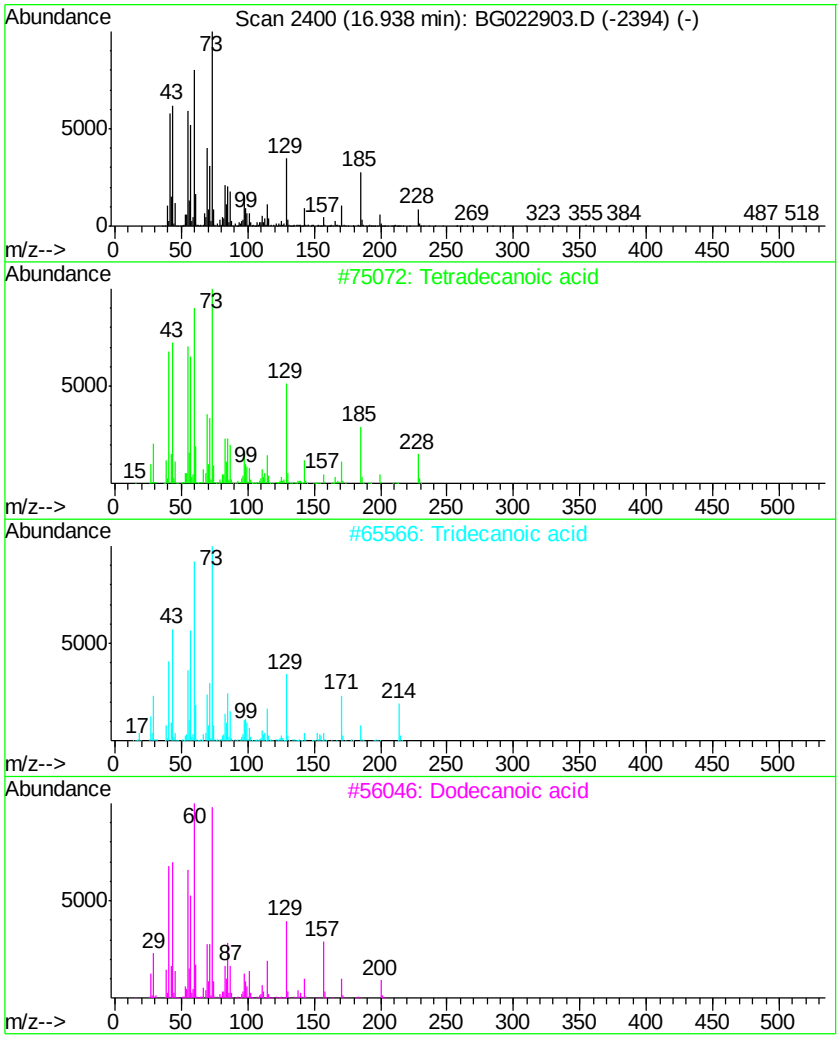
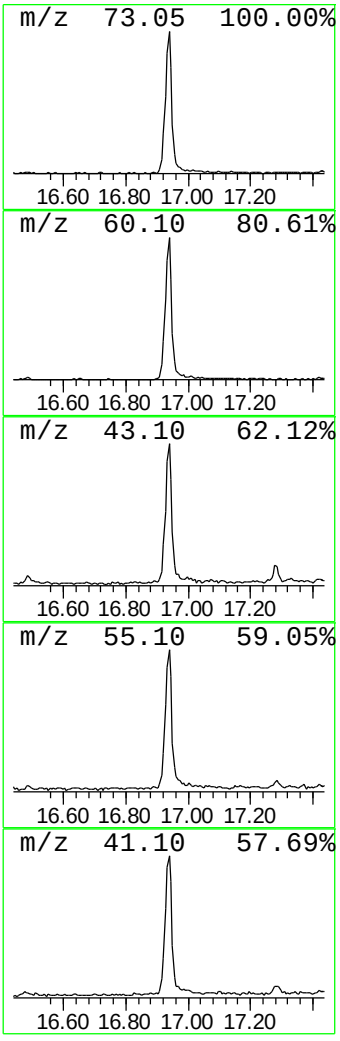
Peak Number 3 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	26.80 ng	2958960	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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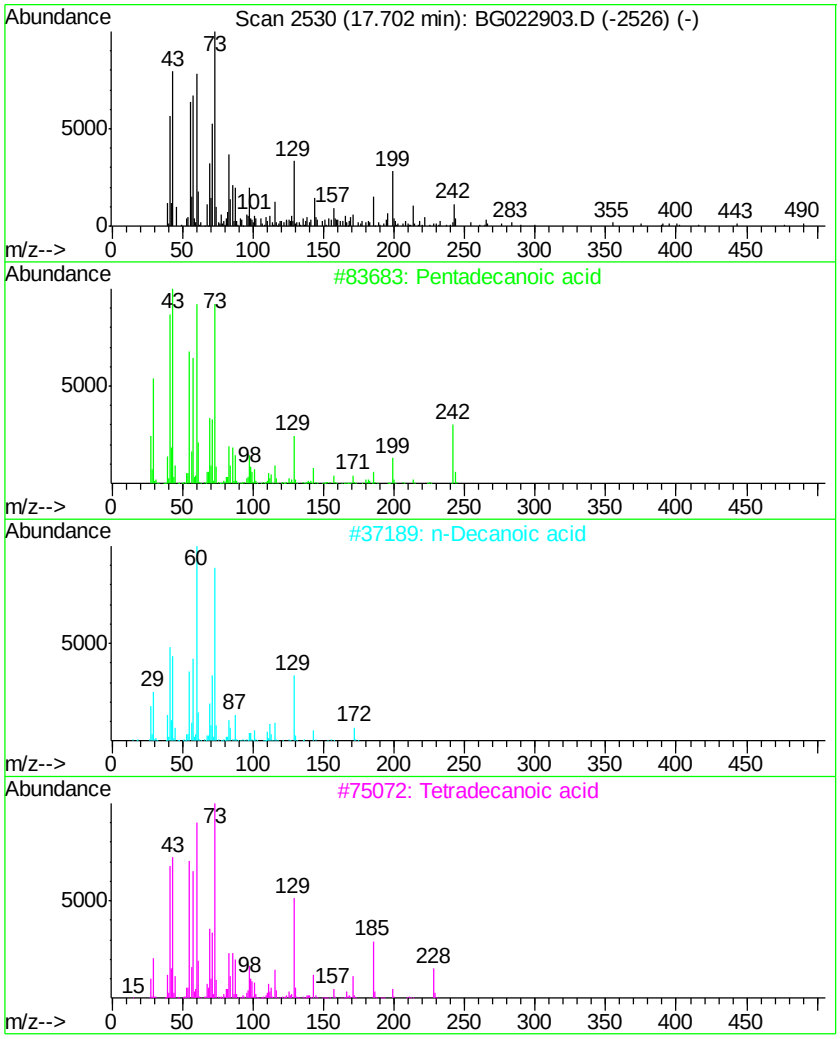
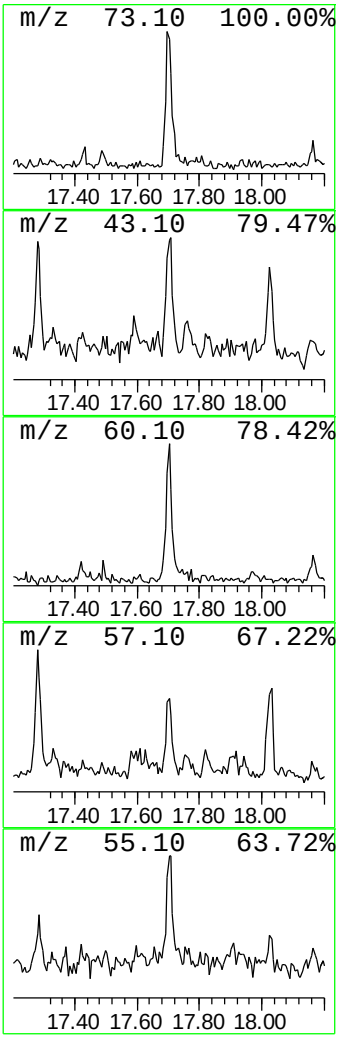
Peak Number 4 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.62 ng	289559	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	42
5	Undecanoic acid	186	C11H22O2	000112-37-8	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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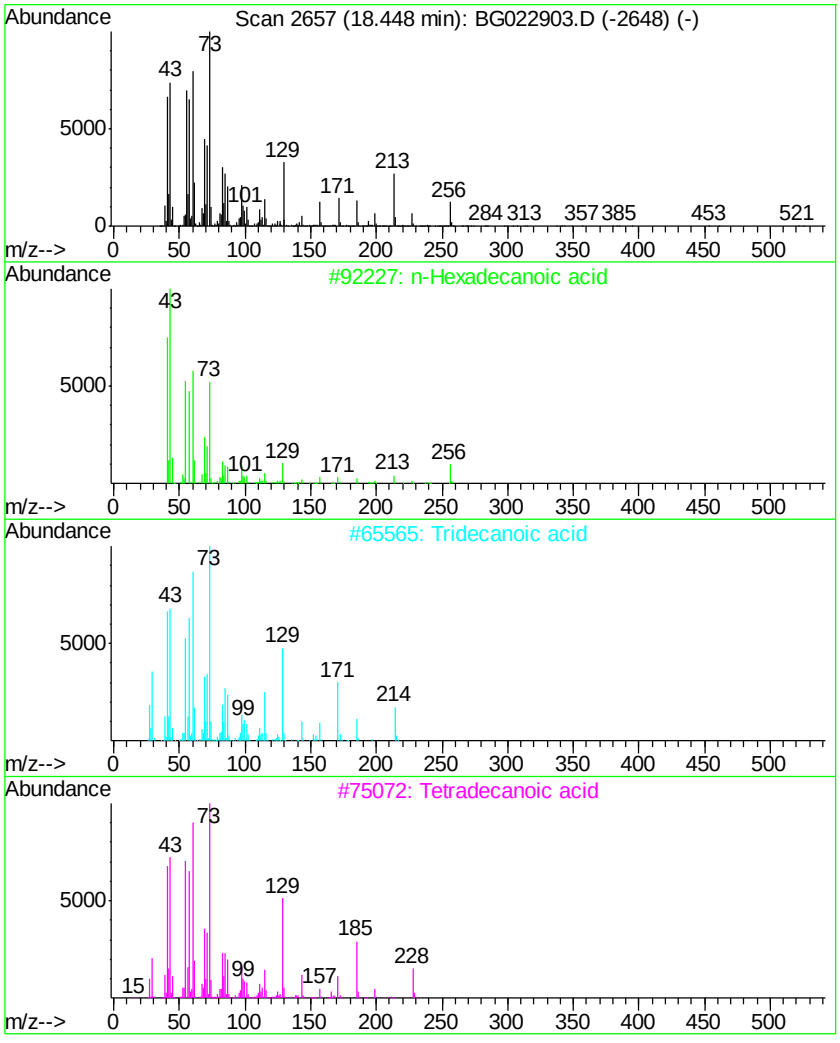
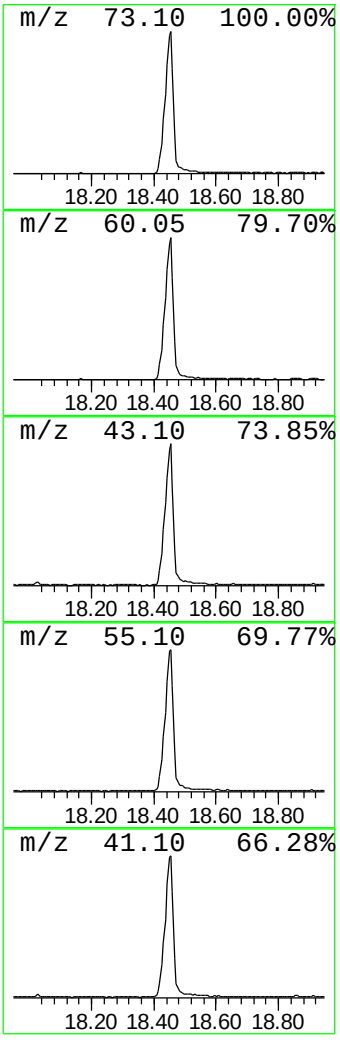
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	160.34 ng	17702000	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Decane	142	C10H22	000124-18-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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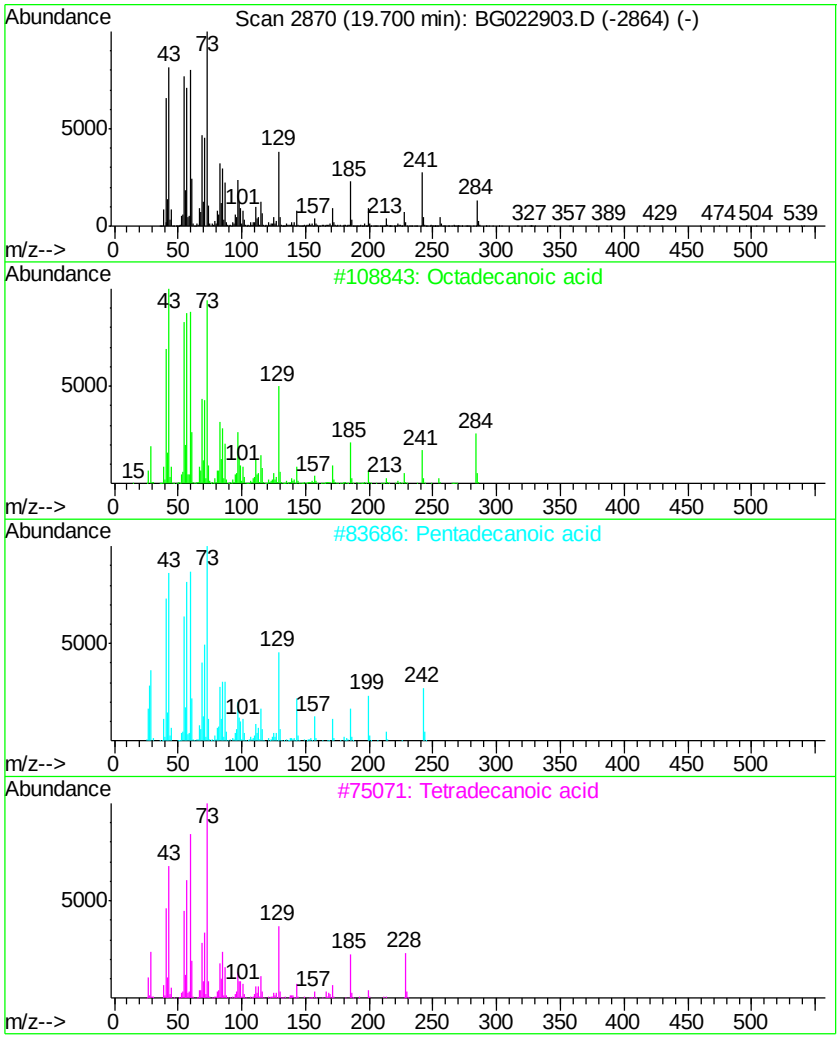
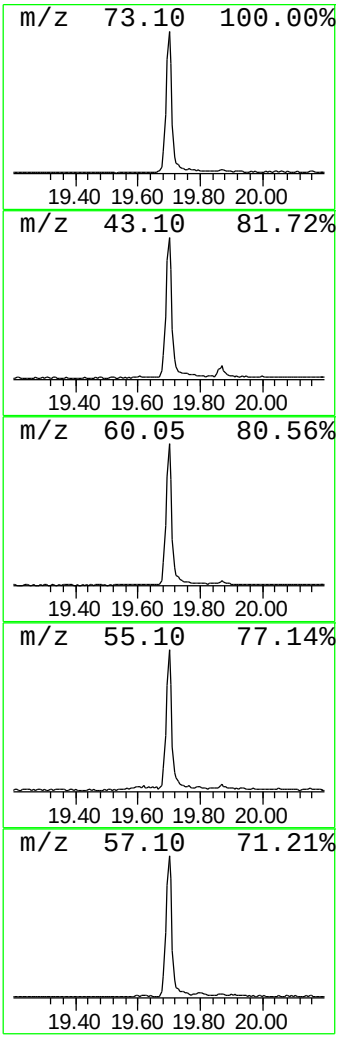
Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	52.62 ng	7177720	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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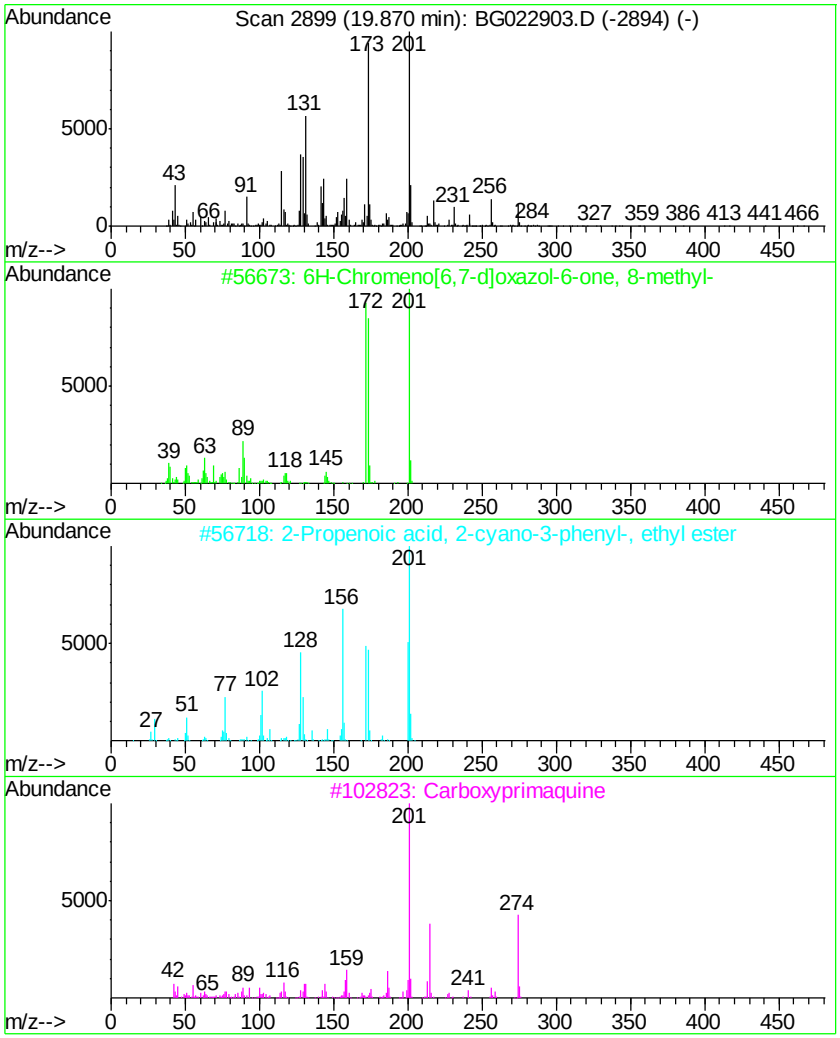
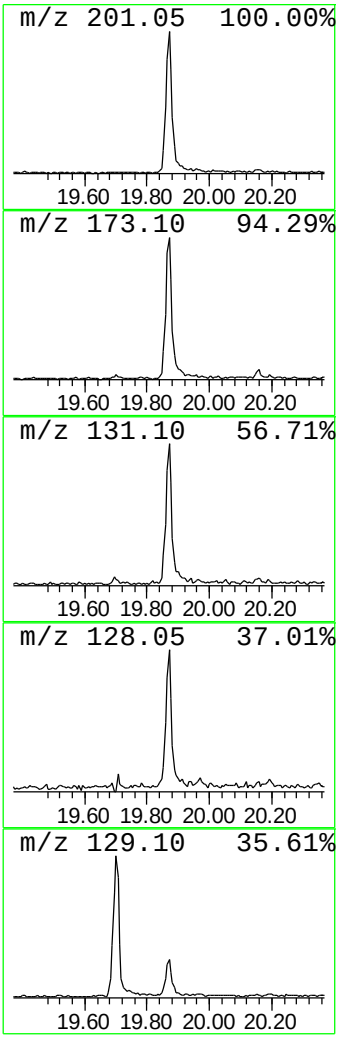
Peak Number 7 unknown19.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	10.77 ng	1469030	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Chromeno[6,7-d]oxazol-6-one, ...	201	C11H7NO3	1000272-31-8	38
2	2-Propenoic acid, 2-cyano-3-phen...	201	C12H11NO2	002025-40-3	35
3	Carboxyprimaquine	274	C15H18N2O3	1000128-31-9	30
4	2-Naphthalenol, 1-nitroso-	173	C10H7NO2	000131-91-9	22
5	Benzyl alcohol, .alpha.-isobutyl...	206	C14H22O	010425-87-3	16





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Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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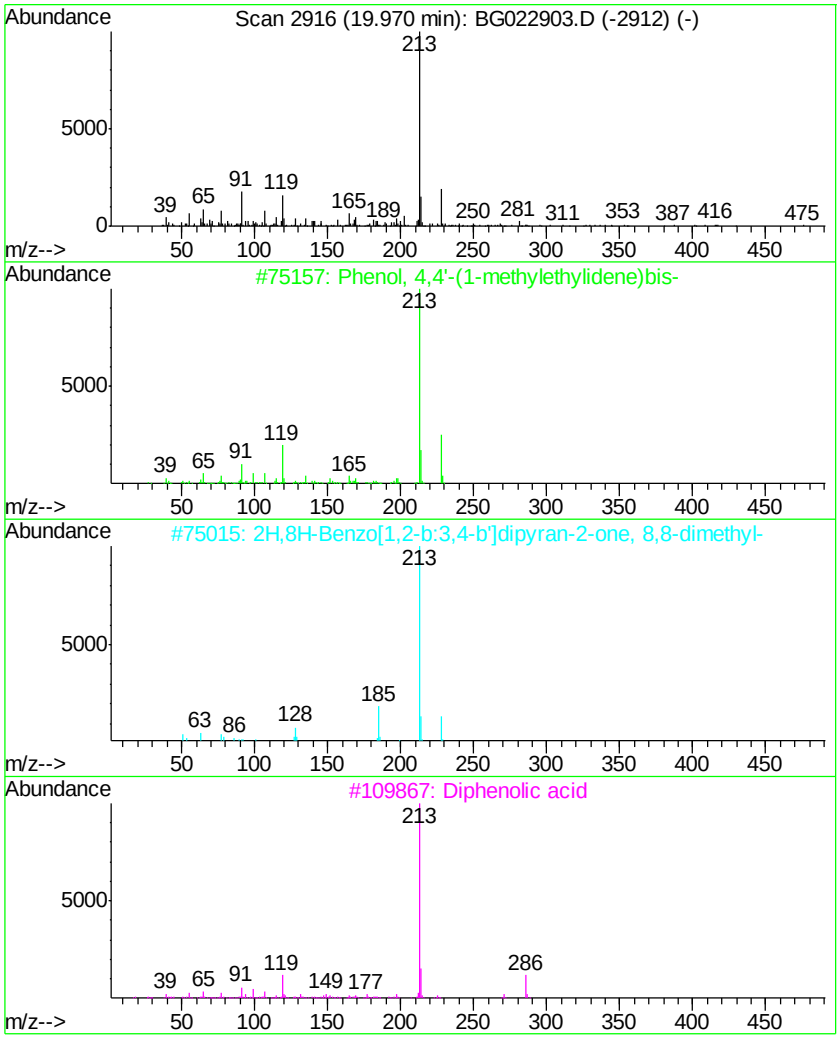
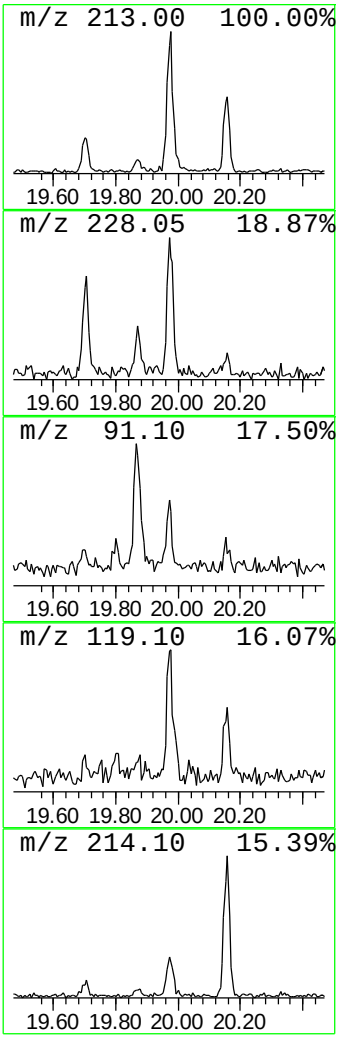
Peak Number 8 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.56 ng	348664	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
3	Diphenolic acid	286	C17H18O4	000126-00-1	64
4	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	59
5	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

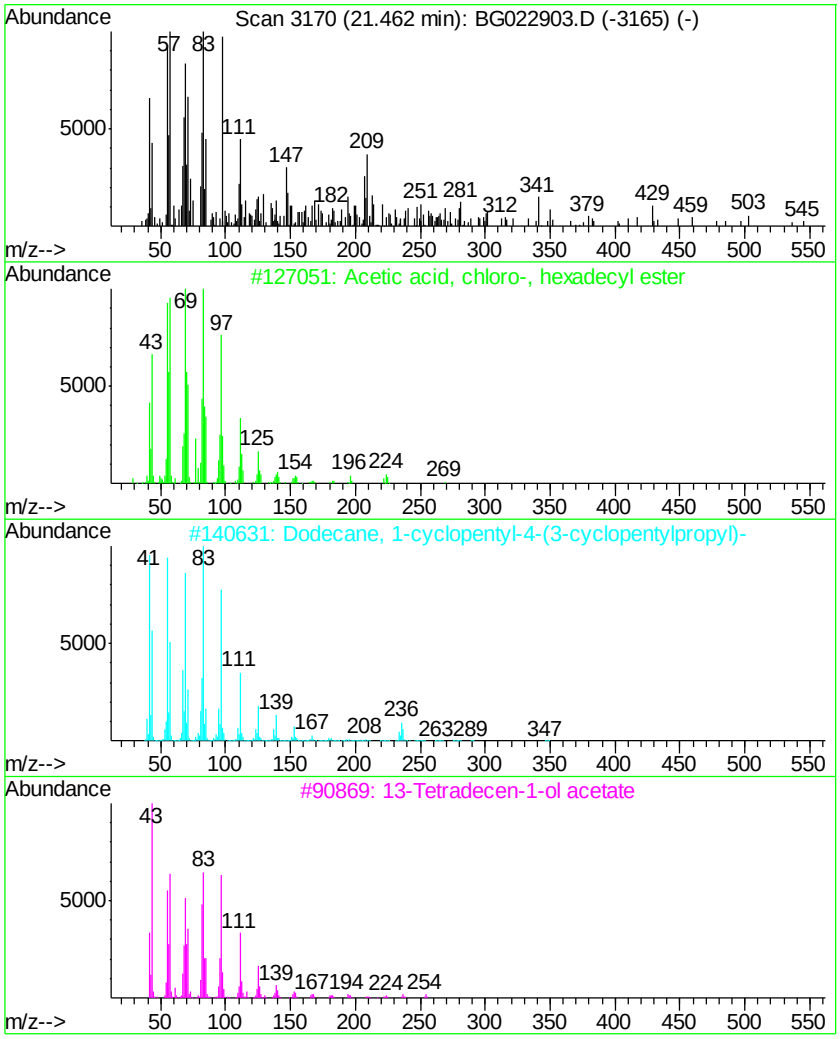
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

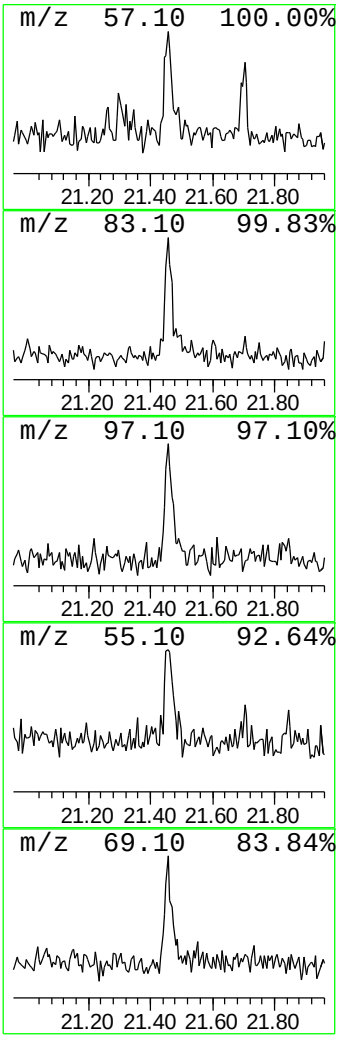
****

Peak Number 9 Acetic acid, chloro-, hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.15 ng	293422	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	64
2	Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	58
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	45
4	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	43
5	17-Pentatriacontene	491	C35H70	006971-40-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
Data File : BG022903.D
Acq On : 7 Jul 2016 20:02
Operator : UM/SJ
Sample : H3840-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown7.68	7.68	26.6	ng	902603	1	8.15	677795	20.0
Tetradecanoic acid	16.94	26.8	ng	2958960	4	17.56	2208010	20.0
Pentadecanoic acid	17.70	2.6	ng	289559	4	17.56	2208010	20.0
n-Hexadecanoic acid	18.45	160.3	ng	17702000	4	17.56	2208010	20.0
Octadecanoic acid	19.70	52.6	ng	7177720	5	21.84	2728340	20.0
unknown19.87	19.87	10.8	ng	1469030	5	21.84	2728340	20.0
Phenol, 4,4'-(1-m...	19.97	2.6	ng	348664	5	21.84	2728340	20.0
Acetic acid, chlo...	21.46	2.1	ng	293422	5	21.84	2728340	20.0