

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022914.D
 Acq On : 8 Jul 2016 3:23
 Operator : UM/SJ
 Sample : H3841-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

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	5.694	478	486	494	rBV	1051394	1756178	2.08%	1.010%
2	7.304	754	760	771	rVB	819038	1412895	1.67%	0.813%
3	7.680	814	824	832	rBV	1964608	3425884	4.06%	1.971%
4	8.479	951	960	969	rBV	1648316	2878249	3.41%	1.656%
5	9.325	1096	1104	1113	rBV	1622773	2894444	3.43%	1.665%
6	10.982	1378	1386	1395	rBV	649530	1167203	1.38%	0.671%
7	13.415	1792	1800	1809	rBV	4469922	7236273	8.57%	4.162%
8	14.795	2027	2035	2046	rBV2	1129528	1926019	2.28%	1.108%
9	16.294	2282	2290	2301	rVB	4313334	6780283	8.03%	3.900%
10	16.969	2393	2405	2420	rBV	8220019	18290536	21.66%	10.520%
11	17.557	2499	2505	2515	rVB	1536976	2322064	2.75%	1.336%
12	17.710	2525	2531	2537	rBV	1301771	1866026	2.21%	1.073%
13	18.497	2648	2665	2684	rBV	26602613	84448251	100.00%	48.573%
14	19.090	2762	2766	2773	rBV	660708	901398	1.07%	0.518%
15	19.613	2847	2855	2859	rBV2	455816	1045563	1.24%	0.601%
16	19.713	2865	2872	2886	rVB	12825673	19656802	23.28%	11.306%
17	20.154	2941	2947	2952	rVB	7876105	10369895	12.28%	5.965%
18	21.840	3228	3234	3241	rVB	1589358	2767595	3.28%	1.592%
19	25.189	3795	3804	3818	rVB2	925570	2711634	3.21%	1.560%

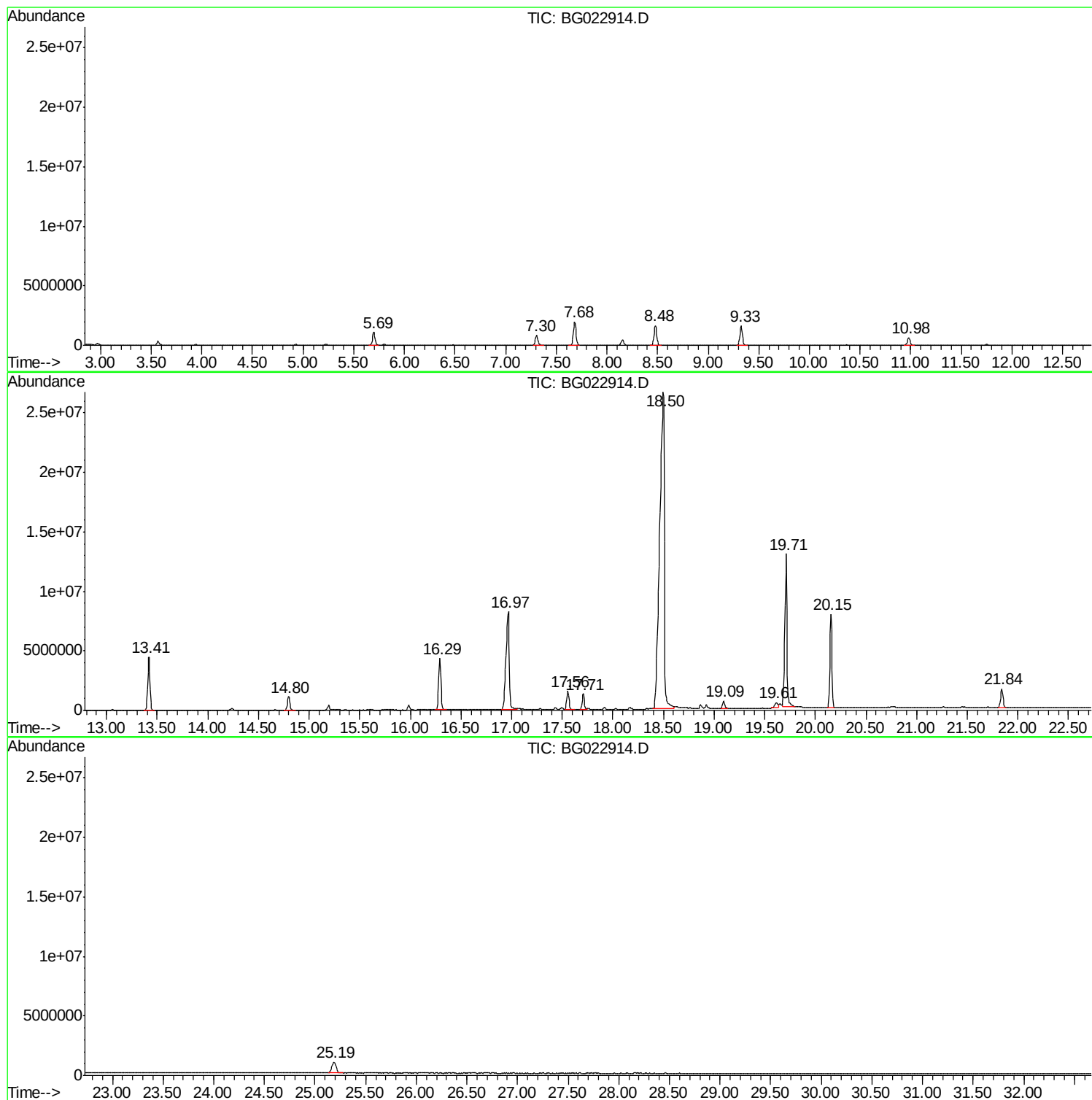
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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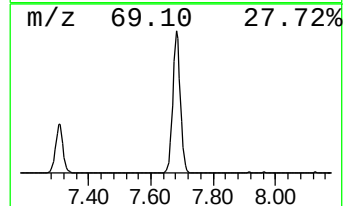
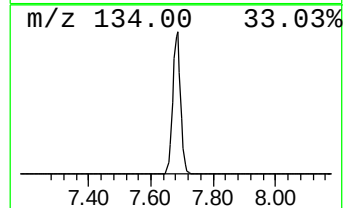
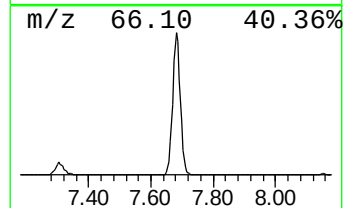
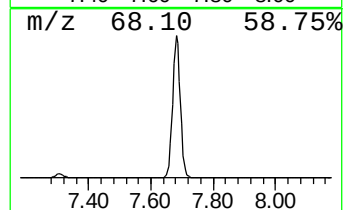
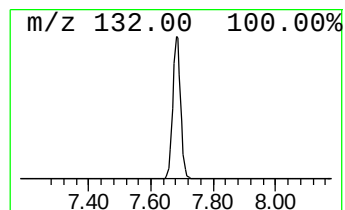
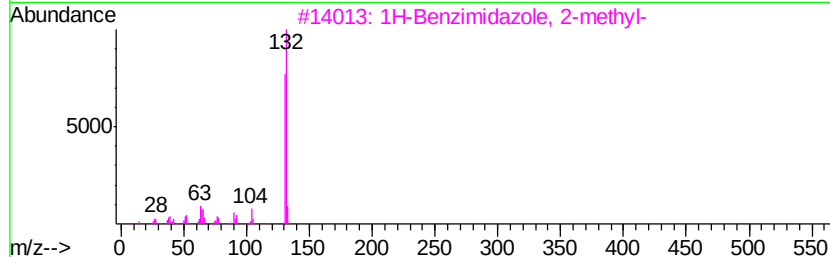
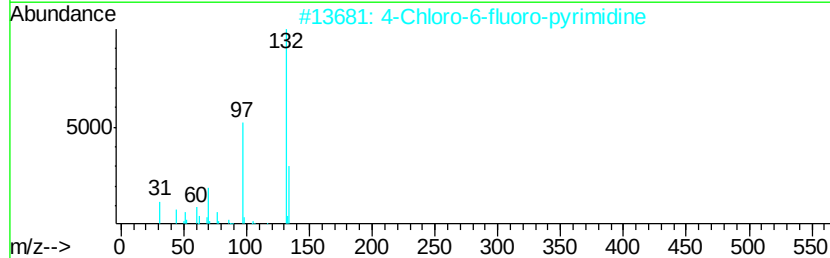
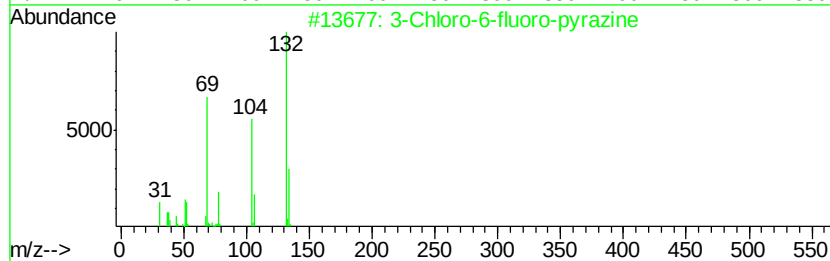
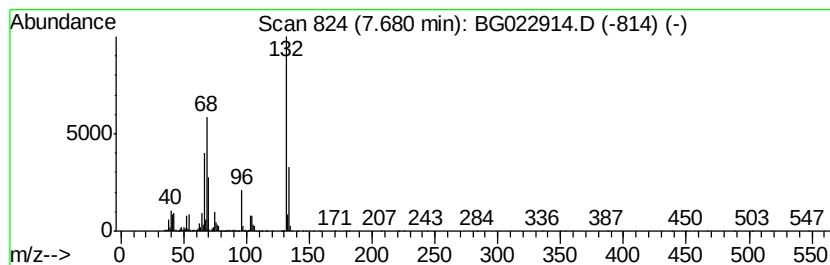
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Peak Number 1 unknown7.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	23.81 ng	3425880	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	9



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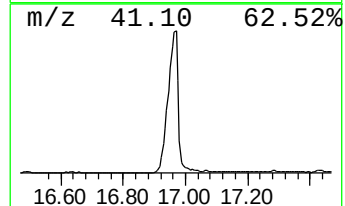
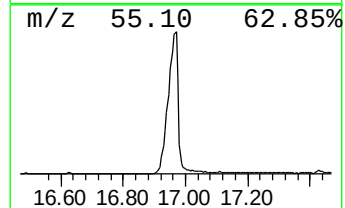
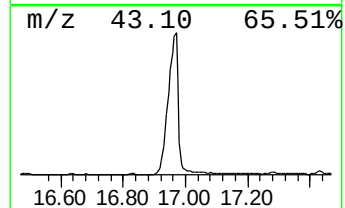
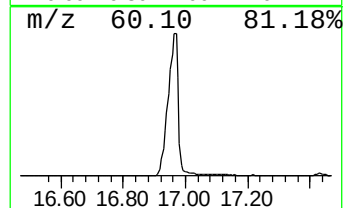
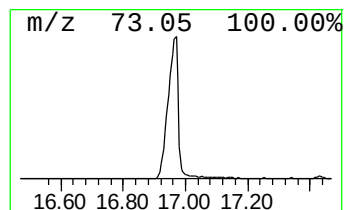
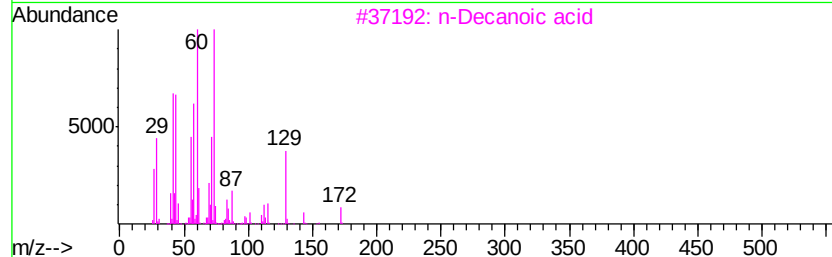
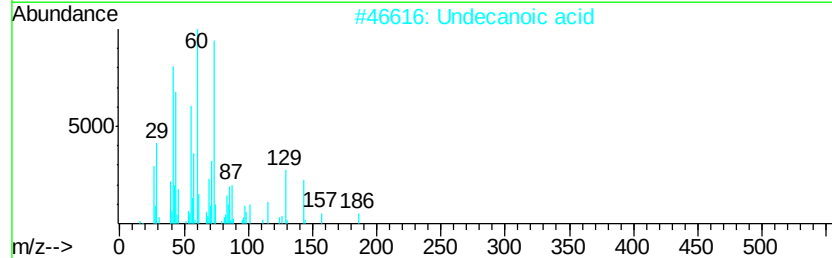
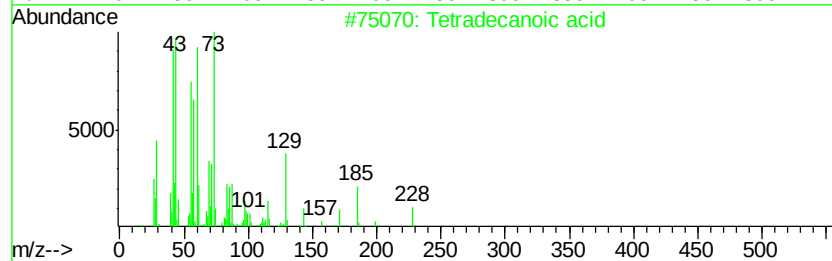
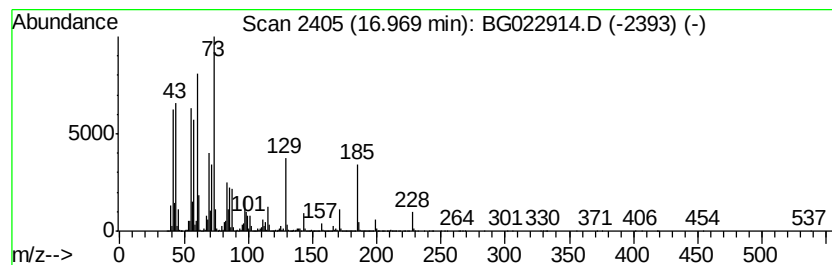
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Peak Number 3 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	157.54 ng	18290500	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2		Undecanoic acid	186	C11H22O2	000112-37-8	70
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Dodecanoic acid	200	C12H24O2	000143-07-7	59
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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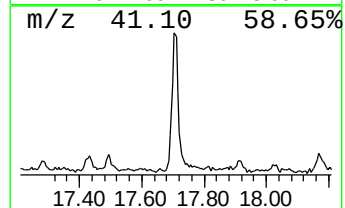
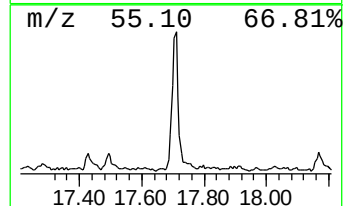
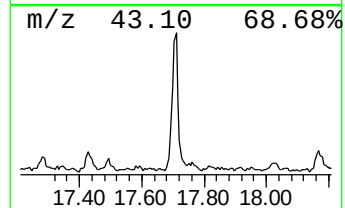
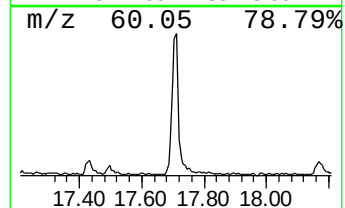
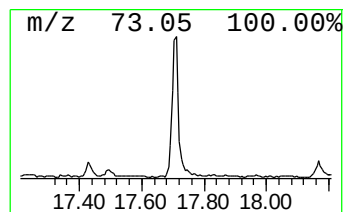
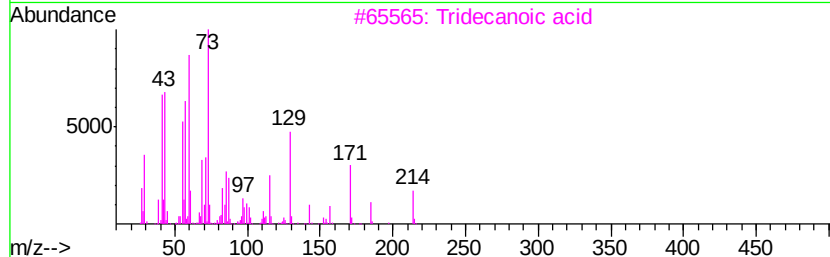
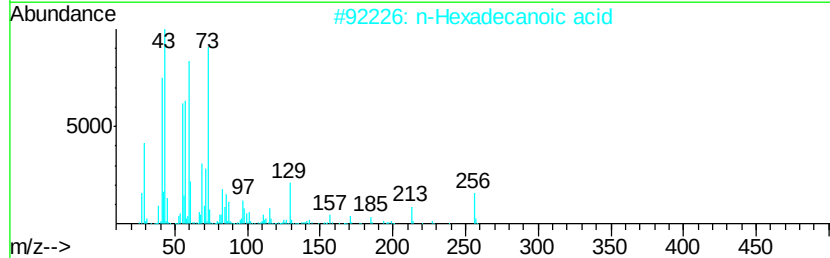
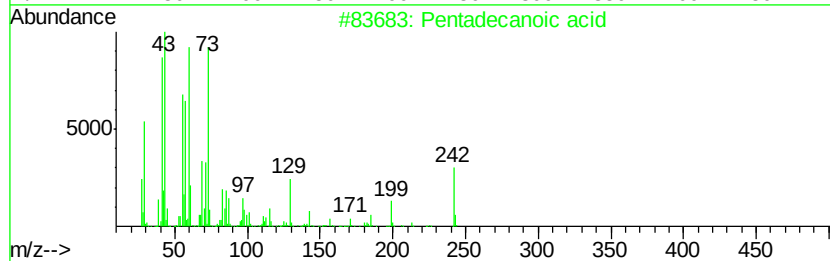
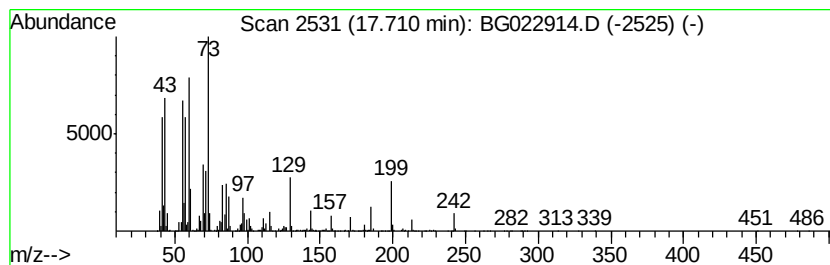
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Peak Number 4 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	16.07 ng	1866030	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50



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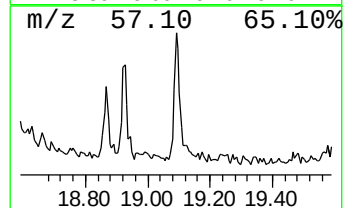
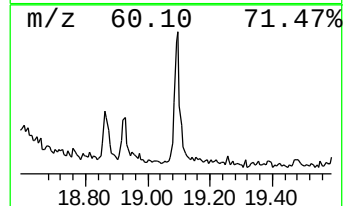
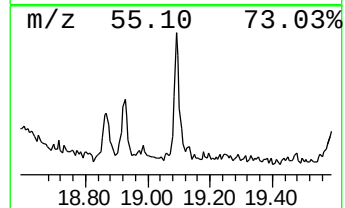
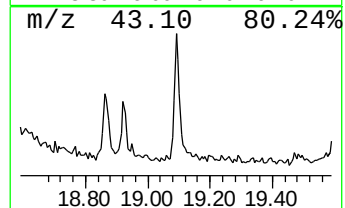
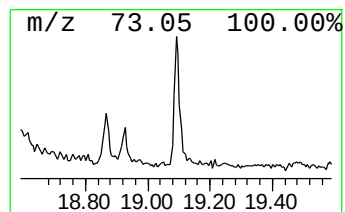
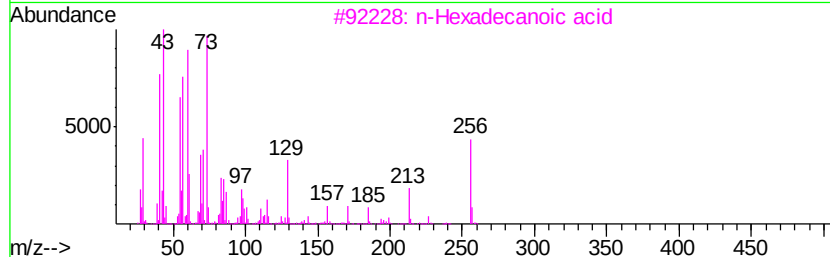
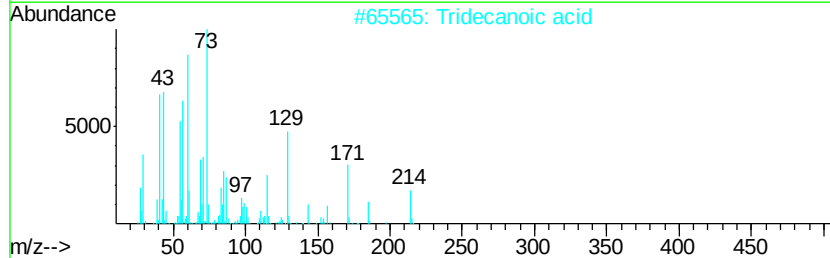
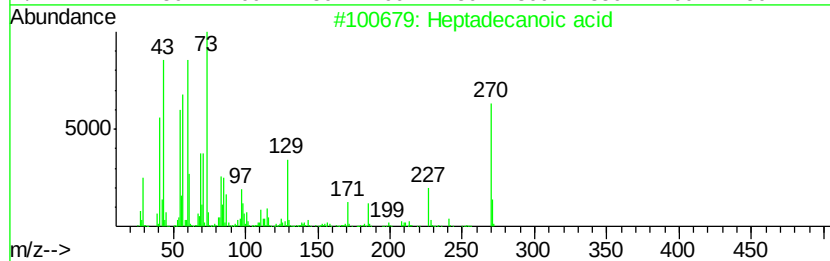
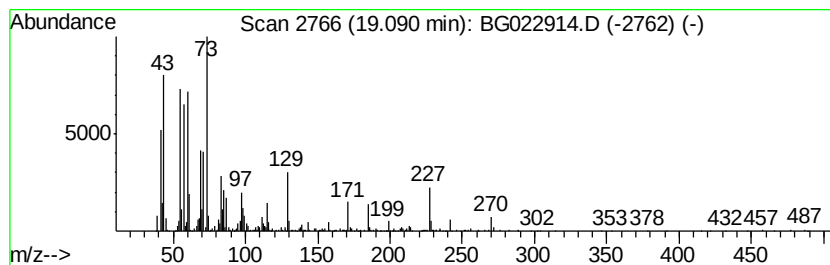
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Peak Number 6 Heptadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.09	7.76 ng	901398	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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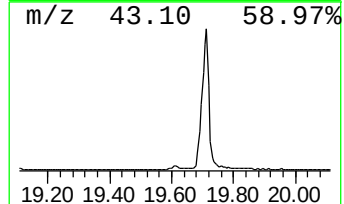
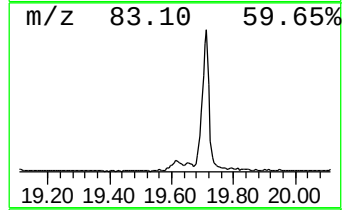
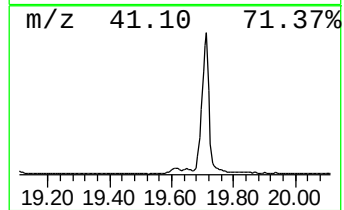
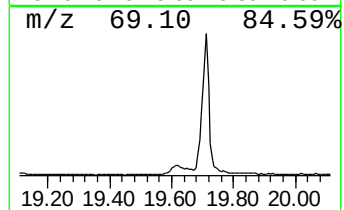
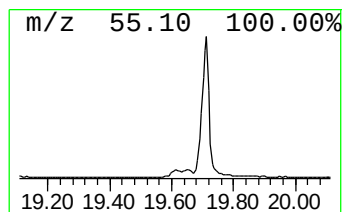
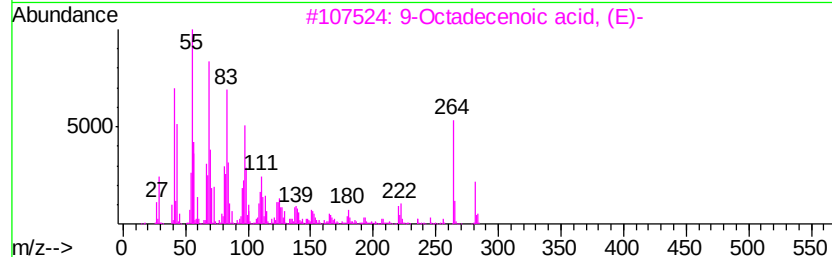
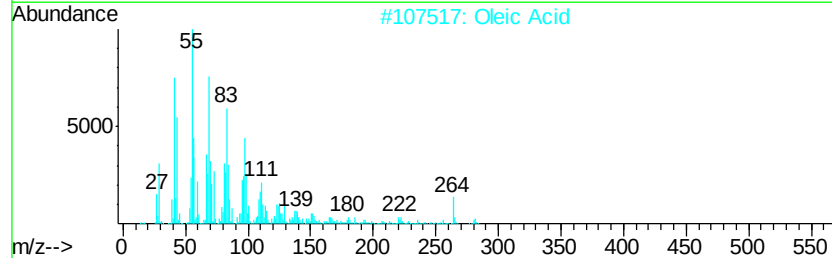
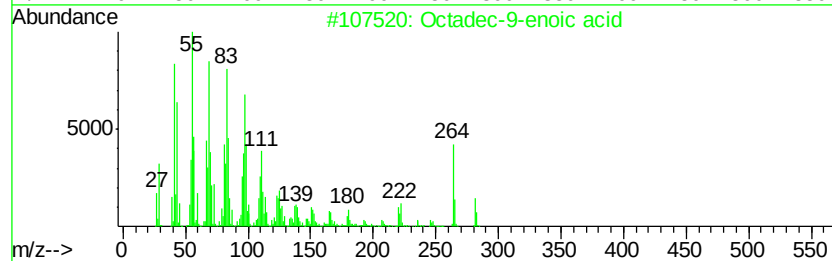
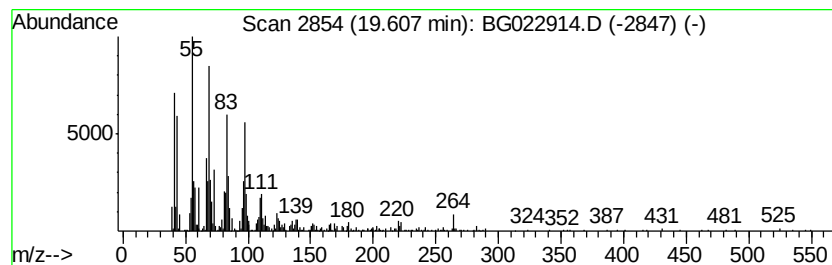
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Peak Number 7 Octadec-9-enoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	9.01 ng	1045560	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	95
2		Oleic Acid	282	C18H34O2	000112-80-1	91
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80
5		Erucic acid	338	C22H42O2	000112-86-7	72



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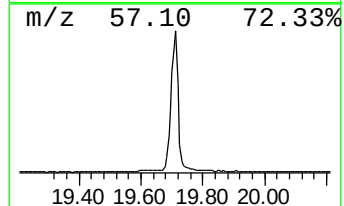
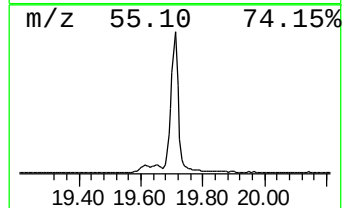
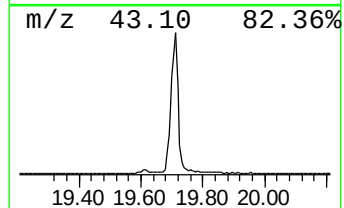
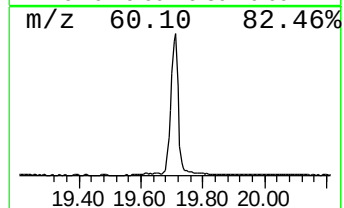
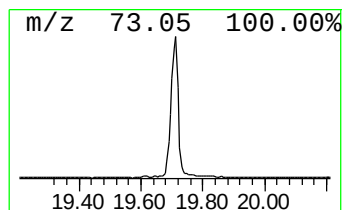
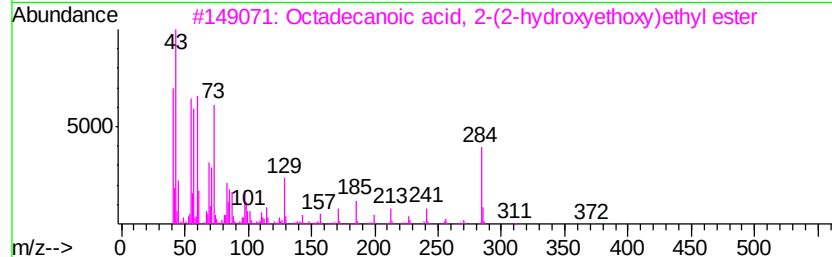
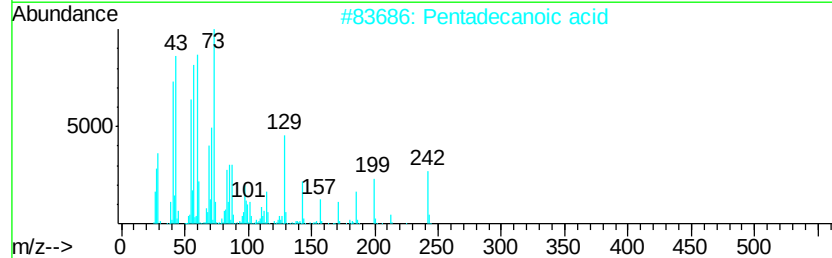
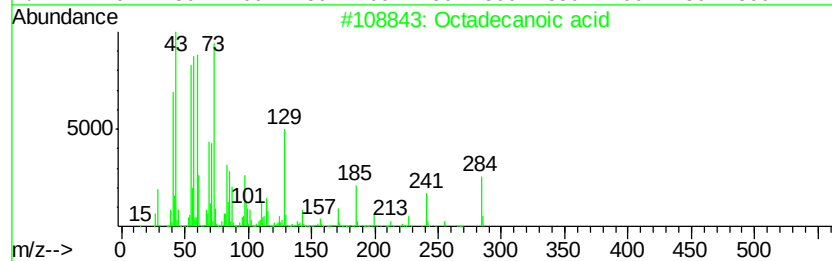
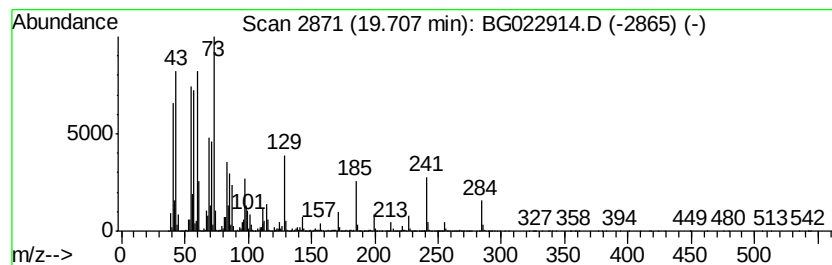
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Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	142.05 ng	19656800	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
Data File : BG022914.D
Acq On : 8 Jul 2016 3:23
Operator : UM/SJ
Sample : H3841-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.68	7.68	23.8	ng	3425880	1	8.16	2878250	20.0
Tetradecanoic acid	16.97	157.5	ng	18290500	4	17.56	2322060	20.0
Pentadecanoic acid	17.71	16.1	ng	1866030	4	17.56	2322060	20.0
Heptadecanoic acid	19.09	7.8	ng	901398	4	17.56	2322060	20.0
Octadec-9-enoic acid	19.61	9.0	ng	1045560	4	17.56	2322060	20.0
Octadecanoic acid	19.71	142.1	ng	19656800	5	21.84	2767600	20.0