

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
 Data File : BF101171.D
 Acq On : 6 Dec 2017 16:51
 Operator : SJ/JU
 Sample : I6683-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120517-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.457	570	573	584	rBV	88010	92145	4.31%	1.179%
2	6.475	743	746	754	rBV	81420	89895	4.21%	1.151%
3	6.616	767	770	777	rBB	117193	106025	4.96%	1.357%
4	6.845	805	809	816	rBB	312186	249992	11.69%	3.200%
5	6.998	832	835	841	rVB	98831	83188	3.89%	1.065%
6	7.410	902	905	913	rBV	58113	63931	2.99%	0.818%
7	8.128	1024	1027	1033	rVB	395153	316519	14.81%	4.051%
8	9.198	1206	1209	1214	rBV	144993	123326	5.77%	1.578%
9	9.804	1305	1312	1317	rBV	35717	32859	1.54%	0.421%
10	9.886	1322	1326	1329	rBV	371123	336876	15.76%	4.312%
11	10.304	1394	1397	1400	rVB	43441	35303	1.65%	0.452%
12	10.522	1425	1434	1436	rBV3	16940	22007	1.03%	0.282%
13	10.675	1457	1460	1464	rBV	63791	52884	2.47%	0.677%
14	10.775	1475	1477	1482	rBV	45672	49591	2.32%	0.635%
15	11.222	1551	1553	1556	rBV	35896	30361	1.42%	0.389%
16	11.375	1575	1579	1581	rBV	379680	325103	15.21%	4.161%
17	11.398	1581	1583	1587	rVB	65480	51938	2.43%	0.665%
18	11.651	1623	1626	1629	rBV	31942	24688	1.15%	0.316%
19	11.757	1640	1644	1647	rBV	808039	636530	29.78%	8.147%
20	11.875	1660	1664	1667	rBV2	29433	38212	1.79%	0.489%
21	11.904	1667	1669	1674	rVB	33850	29596	1.38%	0.379%
22	11.986	1679	1683	1685	rBV2	23977	27453	1.28%	0.351%
23	12.057	1692	1695	1701	rVB	24423	23313	1.09%	0.298%
24	12.451	1754	1762	1763	rBV	1983091	2137775	100.00%	27.362%
25	12.469	1763	1765	1770	rVB2	1753313	1465901	68.57%	18.762%
26	12.545	1775	1778	1782	rVB	309742	249789	11.68%	3.197%
27	12.592	1782	1786	1790	rBV2	67313	96504	4.51%	1.235%
28	12.822	1821	1825	1831	rVB	77973	83069	3.89%	1.063%
29	12.957	1844	1848	1850	rBV	108055	92816	4.34%	1.188%
30	13.033	1858	1861	1865	rBV3	13332	23730	1.11%	0.304%
31	13.704	1971	1975	1981	rVB7	12074	22161	1.04%	0.284%
32	13.939	2012	2015	2019	rBV2	25360	28305	1.32%	0.362%
33	14.016	2023	2028	2031	rVV	275324	299180	13.99%	3.829%
34	14.045	2031	2033	2038	rVB	29977	35043	1.64%	0.449%

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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_F\METHODS\8270-BF113017.M
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35	14.163	2048	2053	2055	rBV4	17041	25129	1.18%	0.322%
36	15.068	2204	2207	2211	rBV3	20528	24144	1.13%	0.309%
37	15.498	2275	2280	2285	rBV	197142	274816	12.86%	3.517%
38	15.915	2349	2351	2358	rVB6	15908	27589	1.29%	0.353%
39	16.174	2392	2395	2398	rVB5	16341	23847	1.12%	0.305%
40	16.604	2466	2468	2475	rVB7	21307	34745	1.63%	0.445%
41	17.704	2651	2655	2661	rVB9	13332	26685	1.25%	0.342%

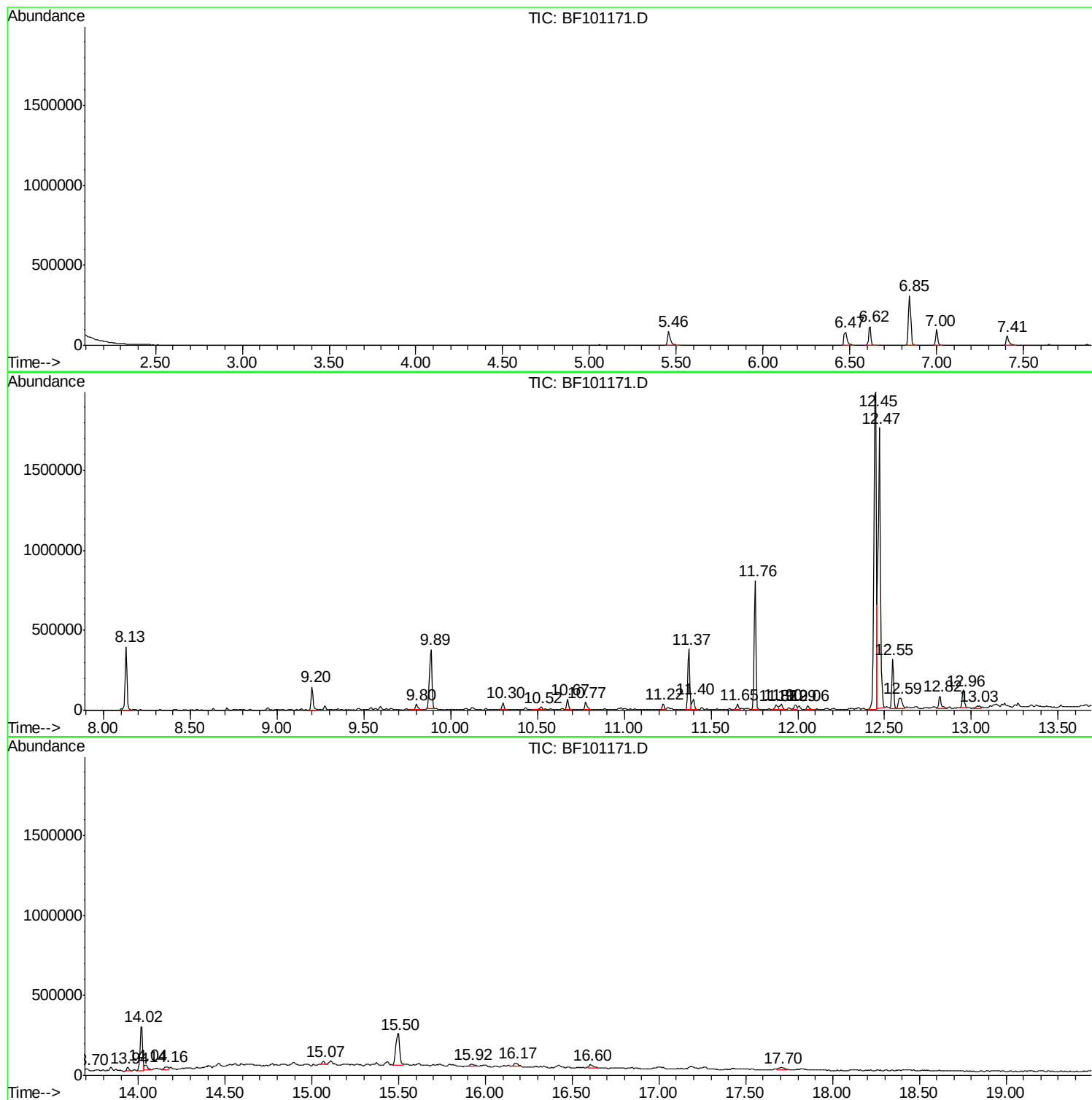
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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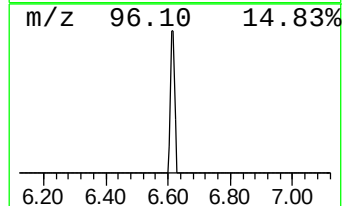
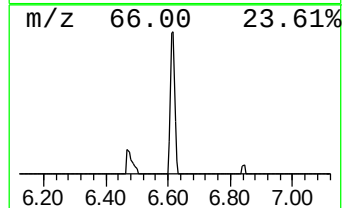
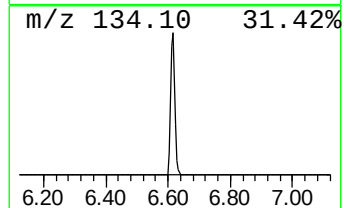
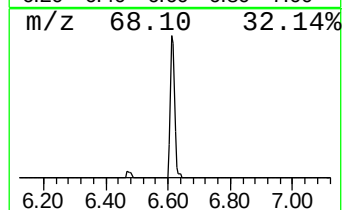
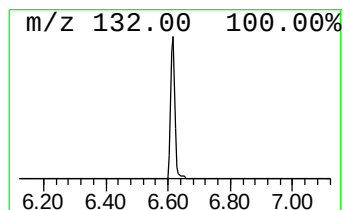
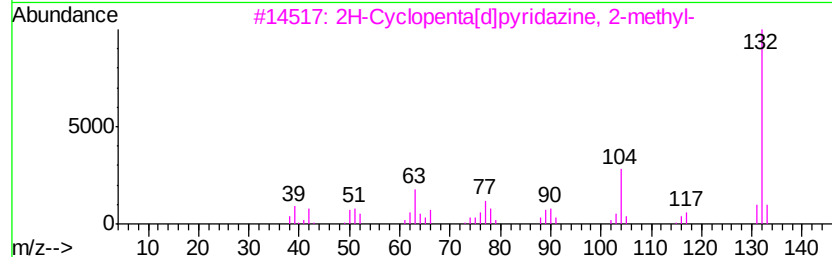
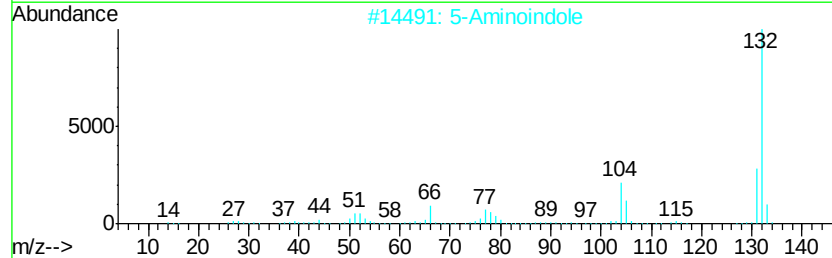
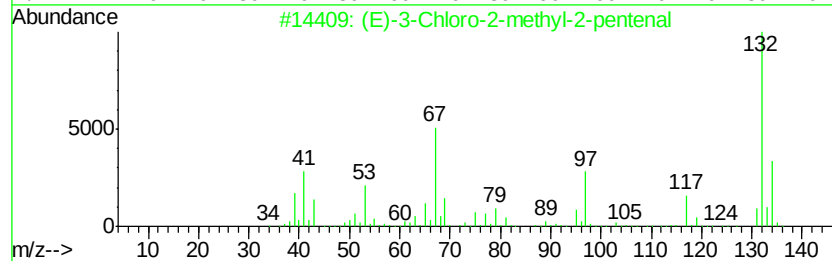
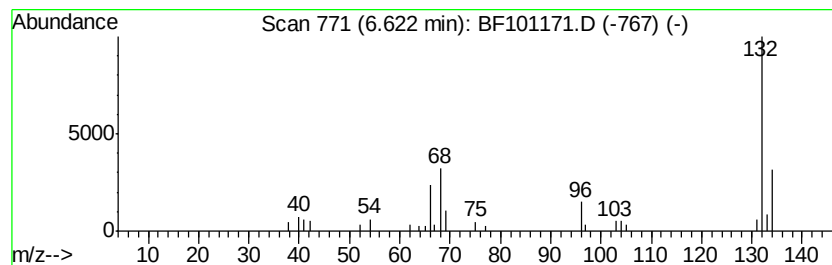
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.48 ng	106025	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17		
2	5-Aminoindole	132	C8H8N2	005192-03-0	10		
3	2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	9		
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9		
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9		



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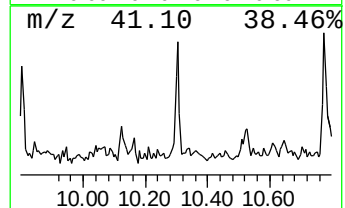
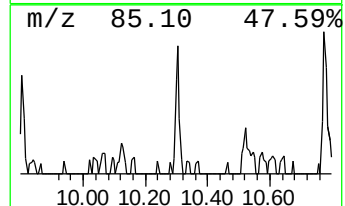
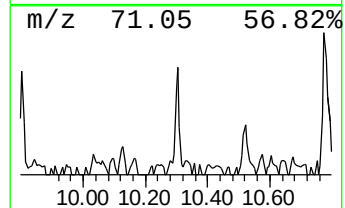
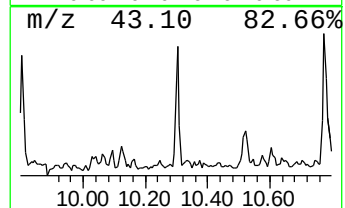
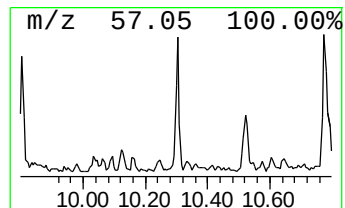
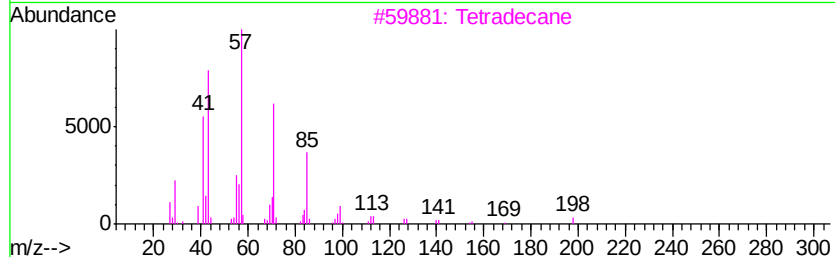
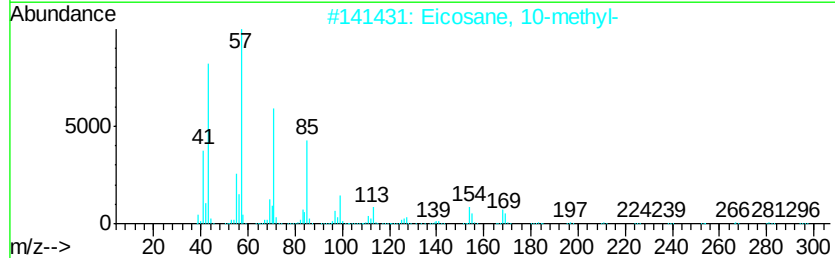
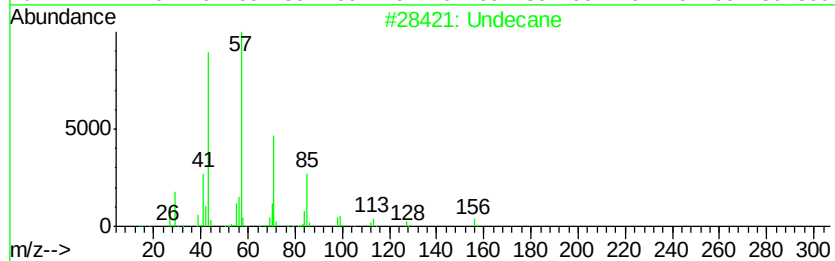
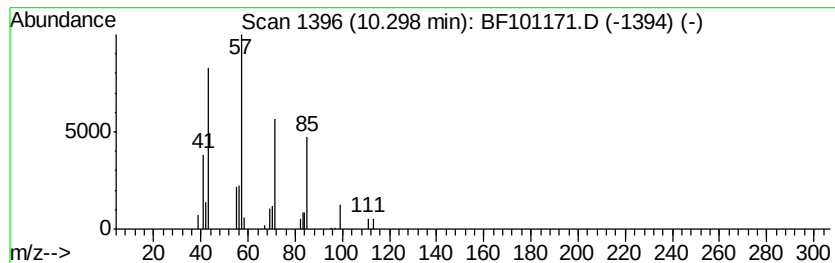
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.10 ng	35303	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	90
2	Eicosane, 10-methyl-	296 C21H44	054833-23-7	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Hexadecane	226 C16H34	000544-76-3	86
5	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	80



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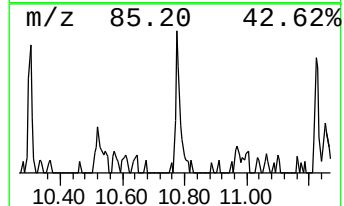
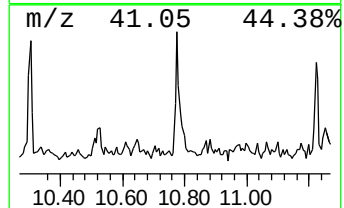
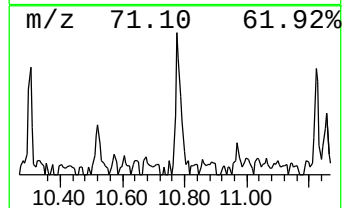
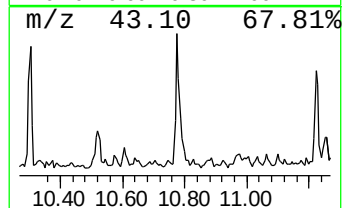
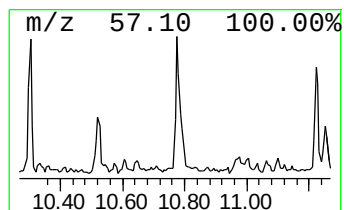
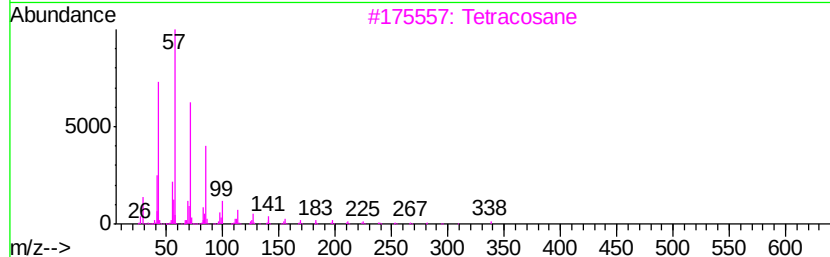
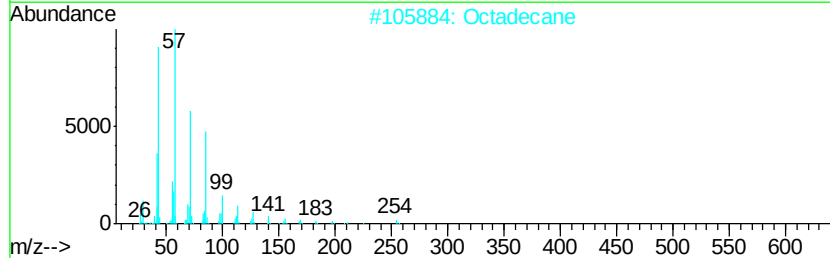
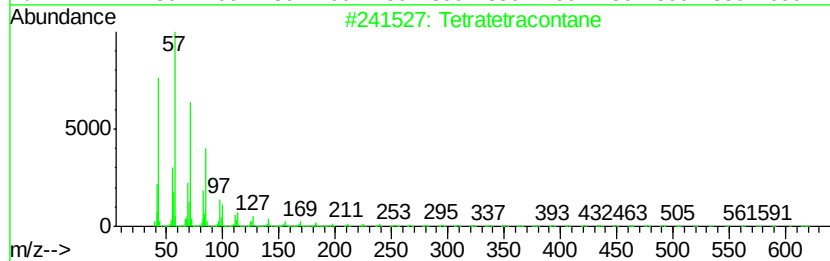
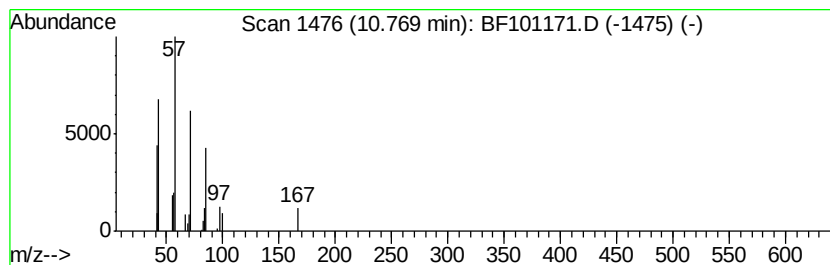
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.05 ng	49591	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	86
2			Octadecane	254	C18H38	000593-45-3	86
3			Tetracosane	338	C24H50	000646-31-1	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Pentadecane	212	C15H32	000629-62-9	86



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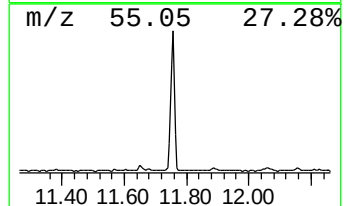
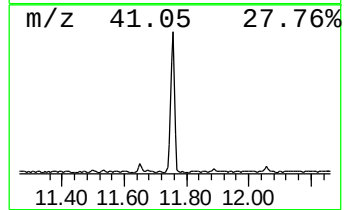
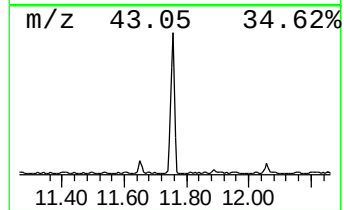
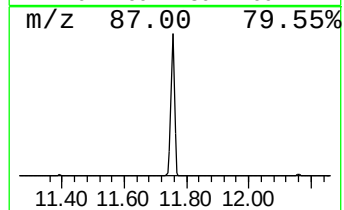
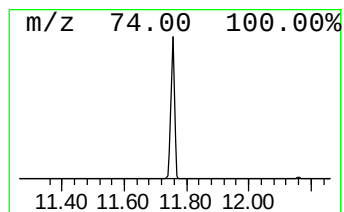
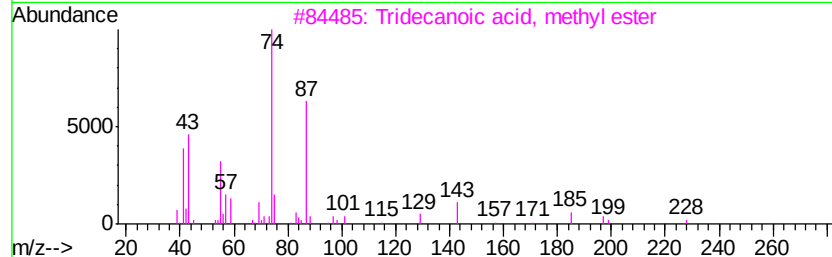
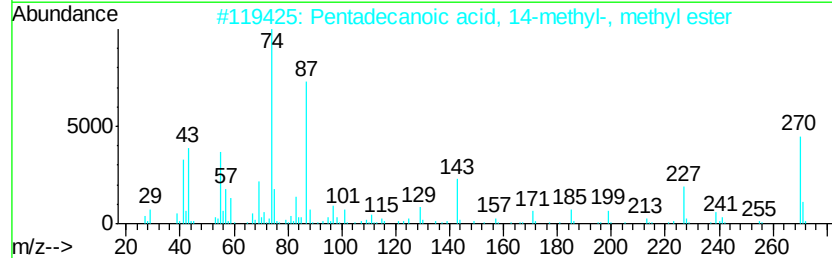
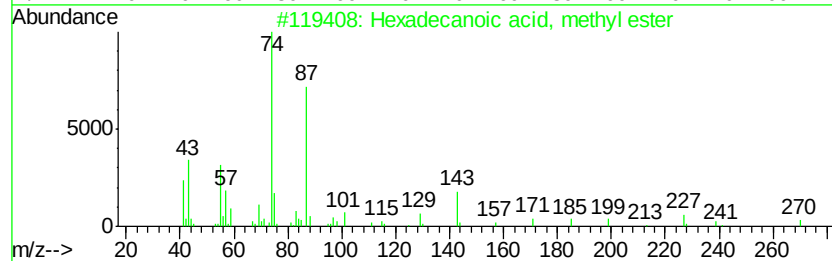
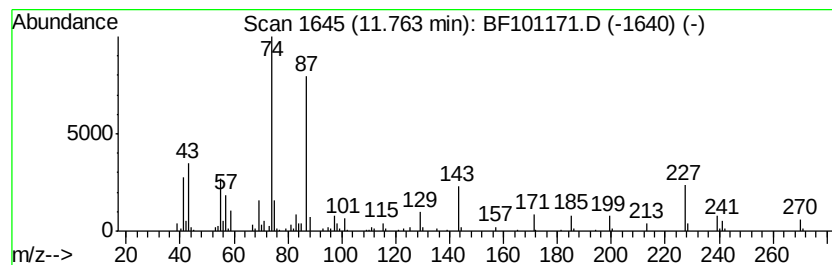
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	39.16 ng	636530	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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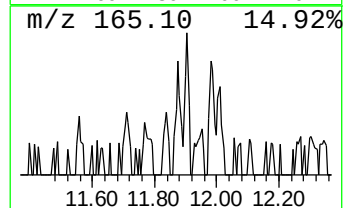
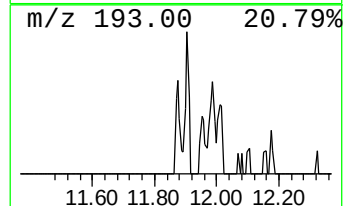
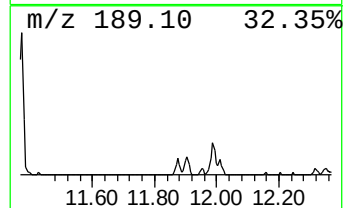
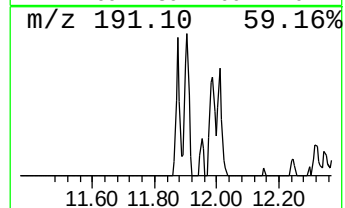
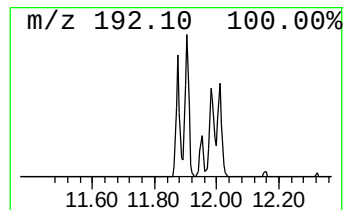
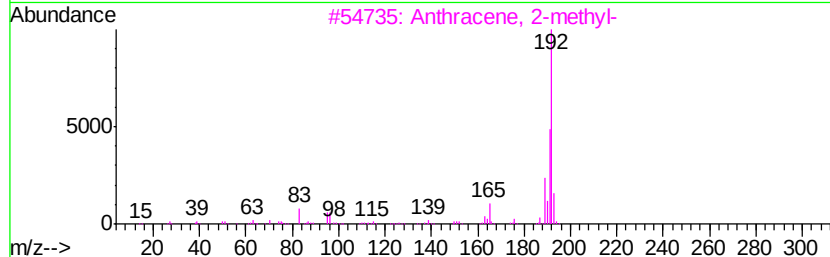
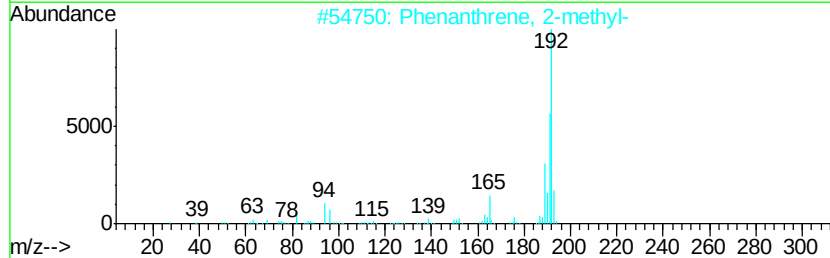
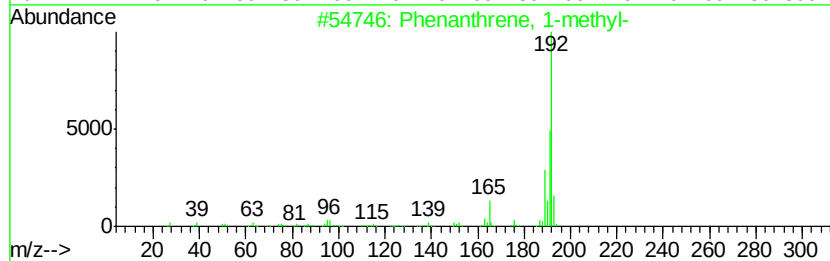
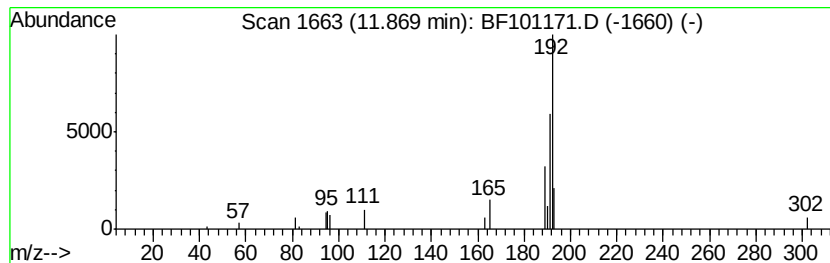
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.35 ng	38212	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

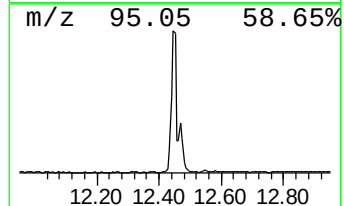
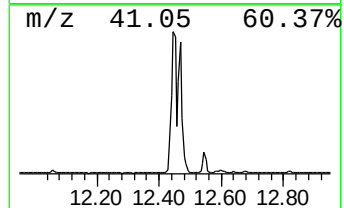
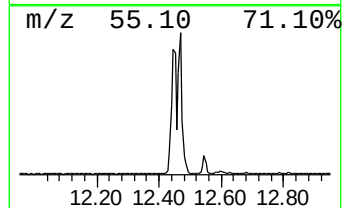
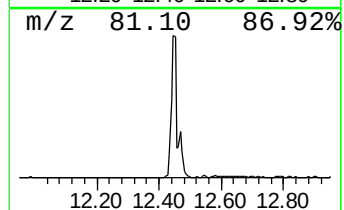
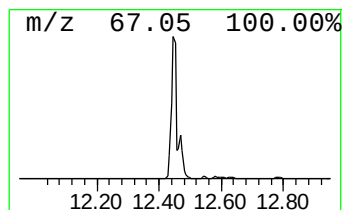
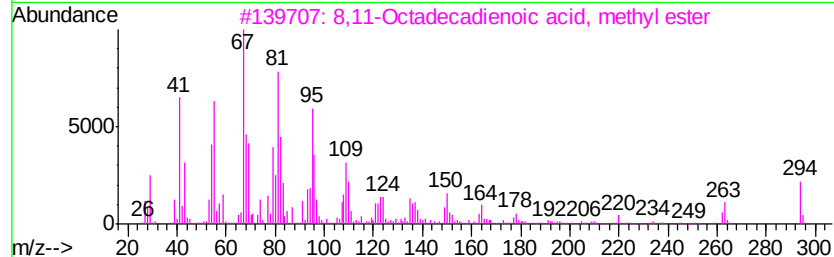
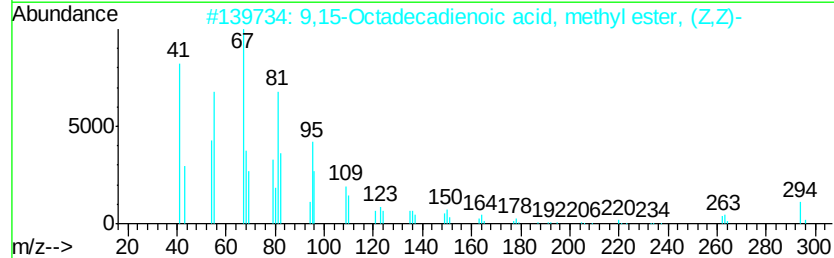
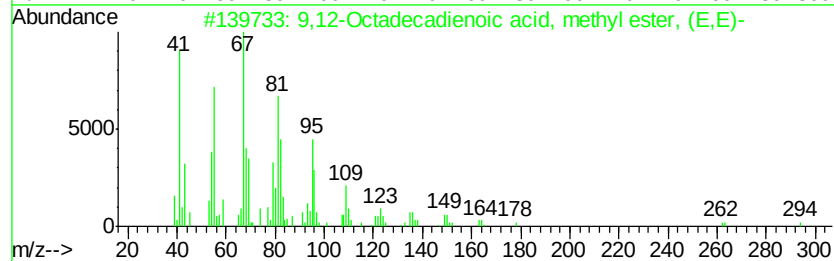
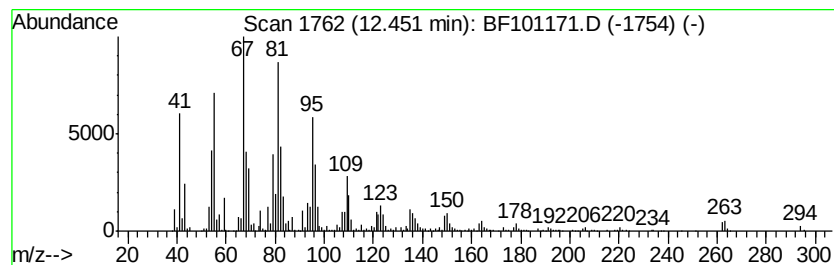
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	131.51 ng	2137780	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

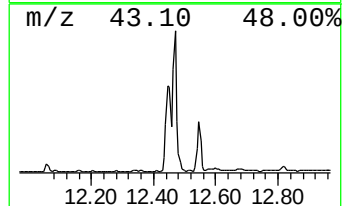
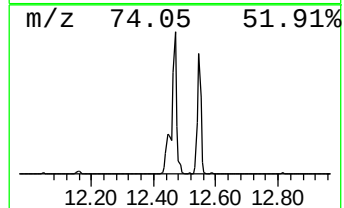
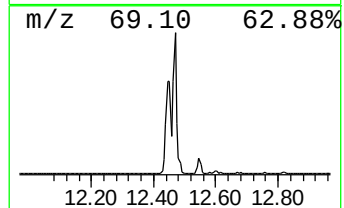
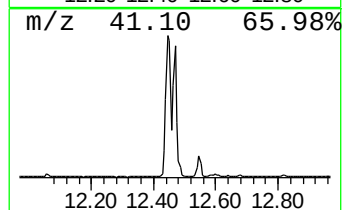
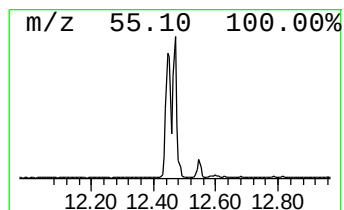
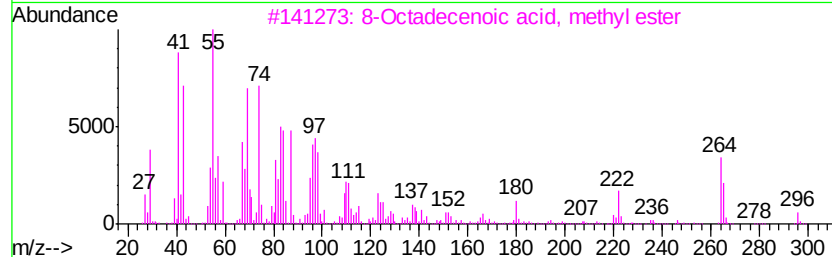
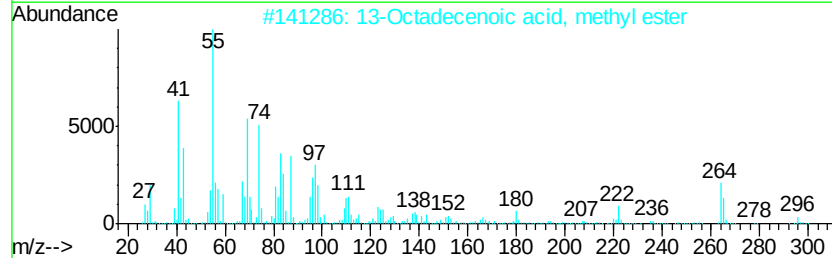
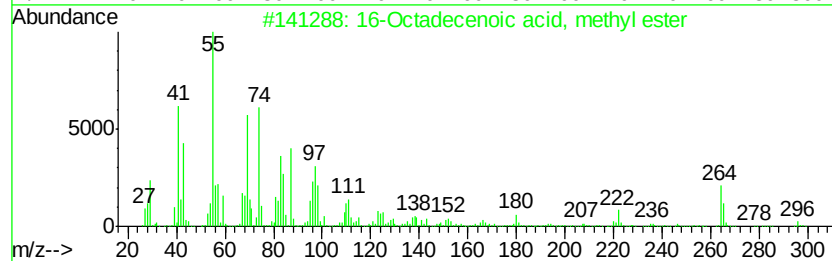
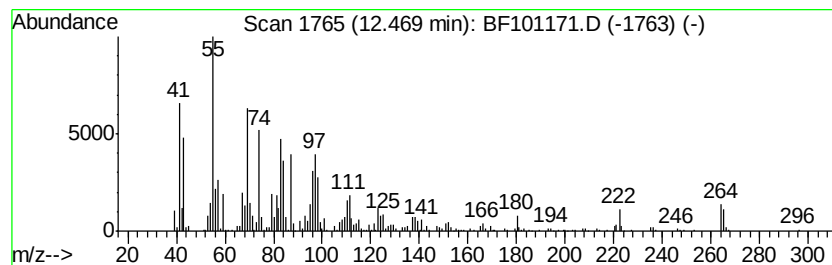
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	90.18 ng	1465900	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	95
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EO-01-120517-A

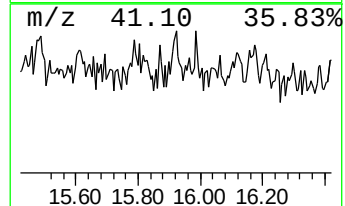
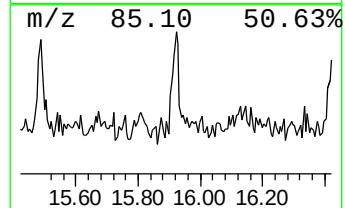
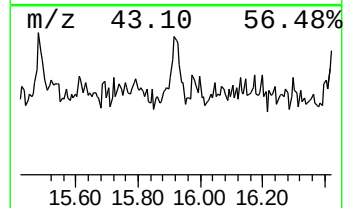
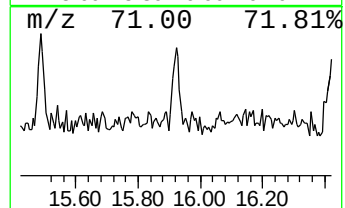
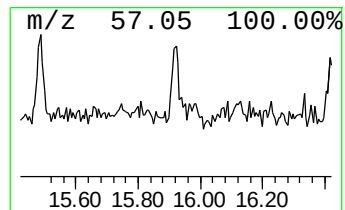
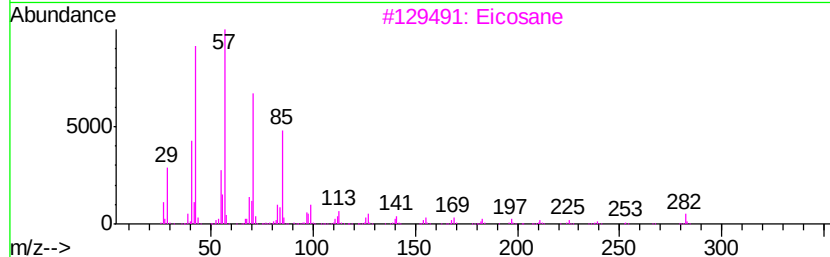
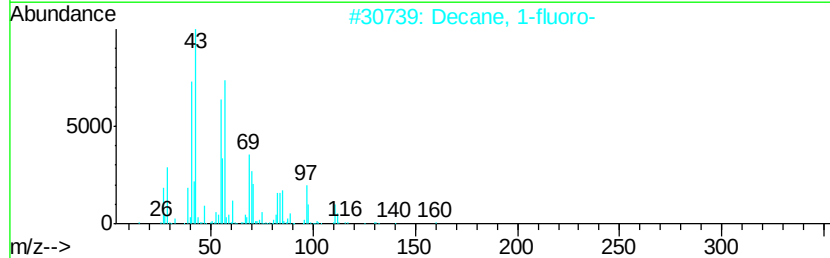
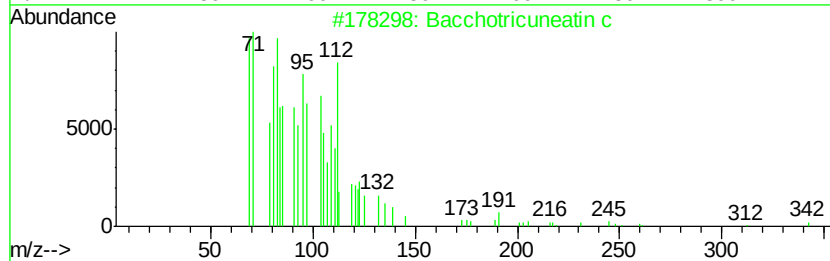
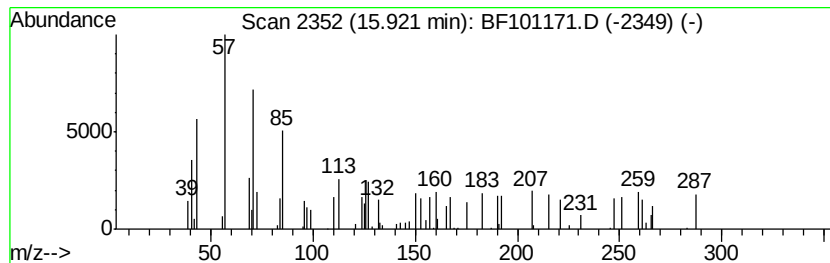
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.01 ng	27589	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	25
2		Decane, 1-fluoro-	160	C10H21F	000334-56-5	22
3		Eicosane	282	C20H42	000112-95-8	22
4		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	22
5		Oxalic acid, isobutyl undecyl ester	300	C17H32O4	1000309-37-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

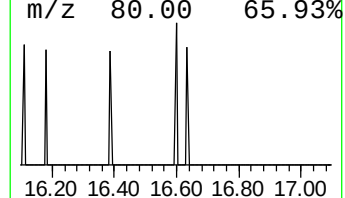
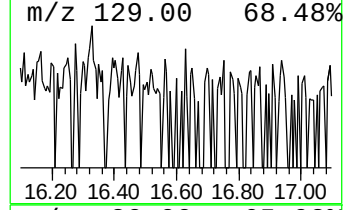
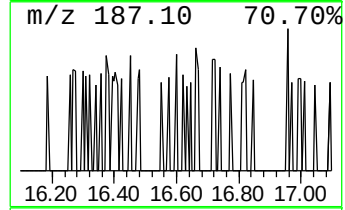
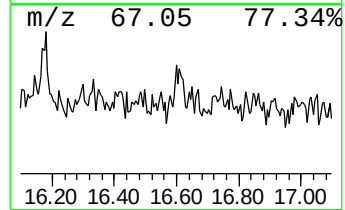
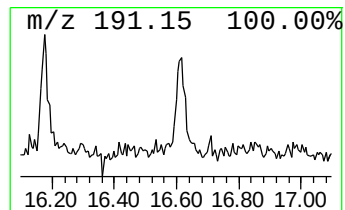
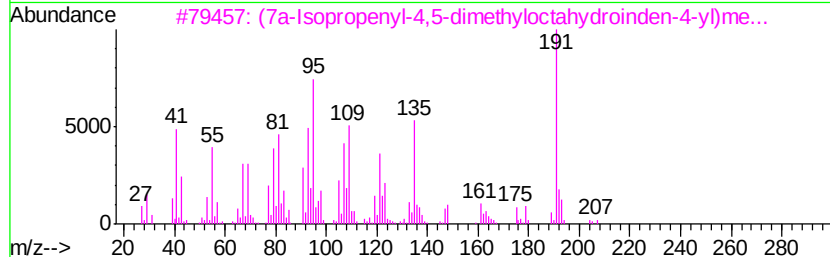
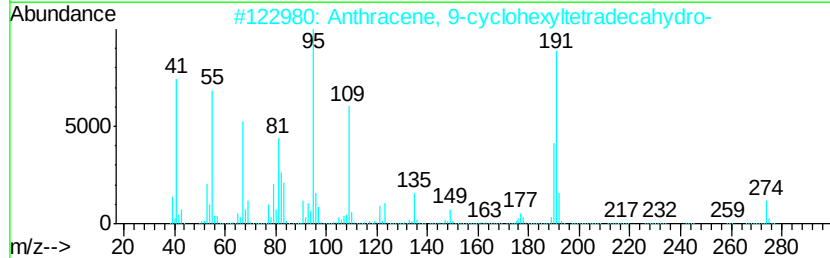
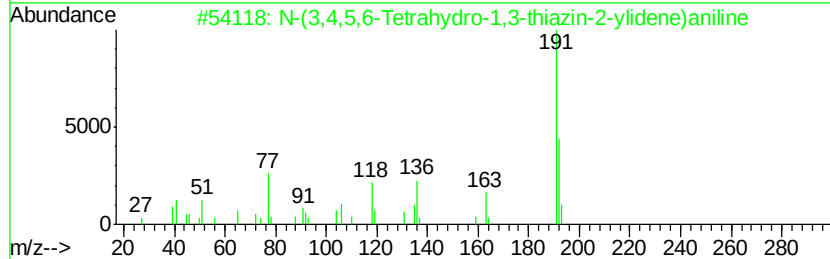
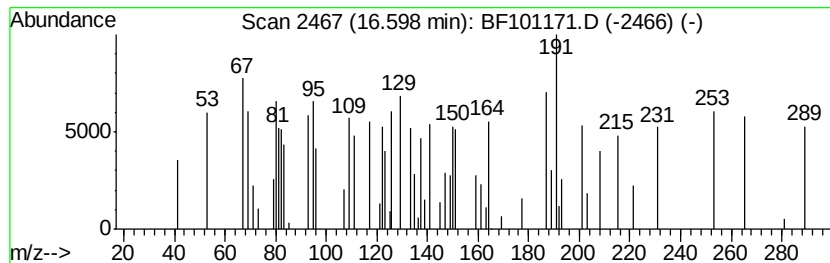
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.53 ng	34745	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	25
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	23
3		(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	17
4		2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	17
5		2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Undecane	10.30	2.1	ng	35303	3	9.89	336876	20.0
Tetratetracontane	10.77	3.0	ng	49591	4	11.37	325103	20.0
Hexadecanoic acid...	11.76	39.2	ng	636530	4	11.37	325103	20.0
Phenanthrene, 1-m...	11.87	2.4	ng	38212	4	11.37	325103	20.0
9,12-Octadecadien...	12.45	131.5	ng	2137780	4	11.37	325103	20.0
16-Octadecenoic a...	12.47	90.2	ng	1465900	4	11.37	325103	20.0
unknown15.92	15.92	2.0	ng	27589	6	15.50	274816	20.0
unknown16.60	16.60	2.5	ng	34745	6	15.50	274816	20.0