

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104030.D
 Acq On : 29 Mar 2018 00:13
 Operator : JU/SJ
 Sample : J1756-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-032718-B

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-BF032818.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	5.604	594	598	623	rBV2	88233	367756	8.91%	2.098%
2	6.604	764	768	788	rBV	140704	484568	11.74%	2.765%
3	6.739	788	791	815	rVB	297839	574620	13.92%	3.279%
4	6.963	826	829	849	rBV	389716	644493	15.61%	3.677%
5	7.122	852	856	867	rVV	300358	406574	9.85%	2.320%
6	7.534	922	926	935	rBV	134445	277758	6.73%	1.585%
7	8.245	1044	1047	1059	rBV	630191	840307	20.35%	4.794%
8	9.063	1183	1186	1190	rBV3	38841	42962	1.04%	0.245%
9	9.316	1226	1229	1237	rBV	611266	667450	16.17%	3.808%
10	9.380	1237	1240	1246	rVB	75356	78197	1.89%	0.446%
11	9.704	1291	1295	1303	rVB3	58681	97816	2.37%	0.558%
12	9.910	1327	1330	1335	rVB	88490	79385	1.92%	0.453%
13	10.004	1342	1346	1350	rBV	853780	820652	19.88%	4.682%
14	10.410	1412	1415	1418	rBV	106394	85365	2.07%	0.487%
15	10.557	1436	1440	1446	rVB	42124	58490	1.42%	0.334%
16	10.633	1448	1453	1455	rBV	41329	50068	1.21%	0.286%
17	10.798	1477	1481	1493	rBV	227358	309787	7.50%	1.768%
18	10.886	1493	1496	1506	rVB	103203	135056	3.27%	0.771%
19	11.333	1569	1572	1575	rBV	74378	66959	1.62%	0.382%
20	11.498	1597	1600	1603	rBV	603616	675581	16.36%	3.855%
21	11.522	1603	1604	1611	rVV	230054	235746	5.71%	1.345%
22	11.580	1611	1614	1617	rVV	48625	50638	1.23%	0.289%
23	11.763	1642	1645	1648	rVB	65188	50488	1.22%	0.288%
24	11.869	1659	1663	1668	rBV	1307886	1083783	26.25%	6.184%
25	12.004	1683	1686	1688	rBV	47872	51830	1.26%	0.296%
26	12.027	1688	1690	1697	rVB	42006	53824	1.30%	0.307%
27	12.116	1702	1705	1708	rBV2	60581	72571	1.76%	0.414%
28	12.563	1776	1781	1783	rBV	3666084	4128908	100.00%	23.558%
29	12.580	1783	1784	1791	rVV2	2540491	1897705	45.96%	10.828%
30	12.663	1794	1798	1803	rVB	464955	436509	10.57%	2.491%
31	12.721	1804	1808	1812	rBV	230597	253009	6.13%	1.444%
32	12.951	1841	1847	1853	rBV	234562	317161	7.68%	1.810%
33	13.080	1866	1869	1876	rVB	476929	481123	11.65%	2.745%
34	13.286	1896	1904	1907	rBV2	51829	135019	3.27%	0.770%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.386	1918	1921	1924	rBV2	64844	59230	1.43%	0.338%
36	13.633	1960	1963	1966	rBV	36889	45584	1.10%	0.260%
37	13.963	2016	2019	2021	rBV3	45708	47205	1.14%	0.269%
38	14.057	2033	2035	2040	rBV2	42134	60414	1.46%	0.345%
39	14.157	2047	2052	2055	rBV2	596340	768083	18.60%	4.382%
40	15.698	2310	2314	2327	rVB	322025	533909	12.93%	3.046%

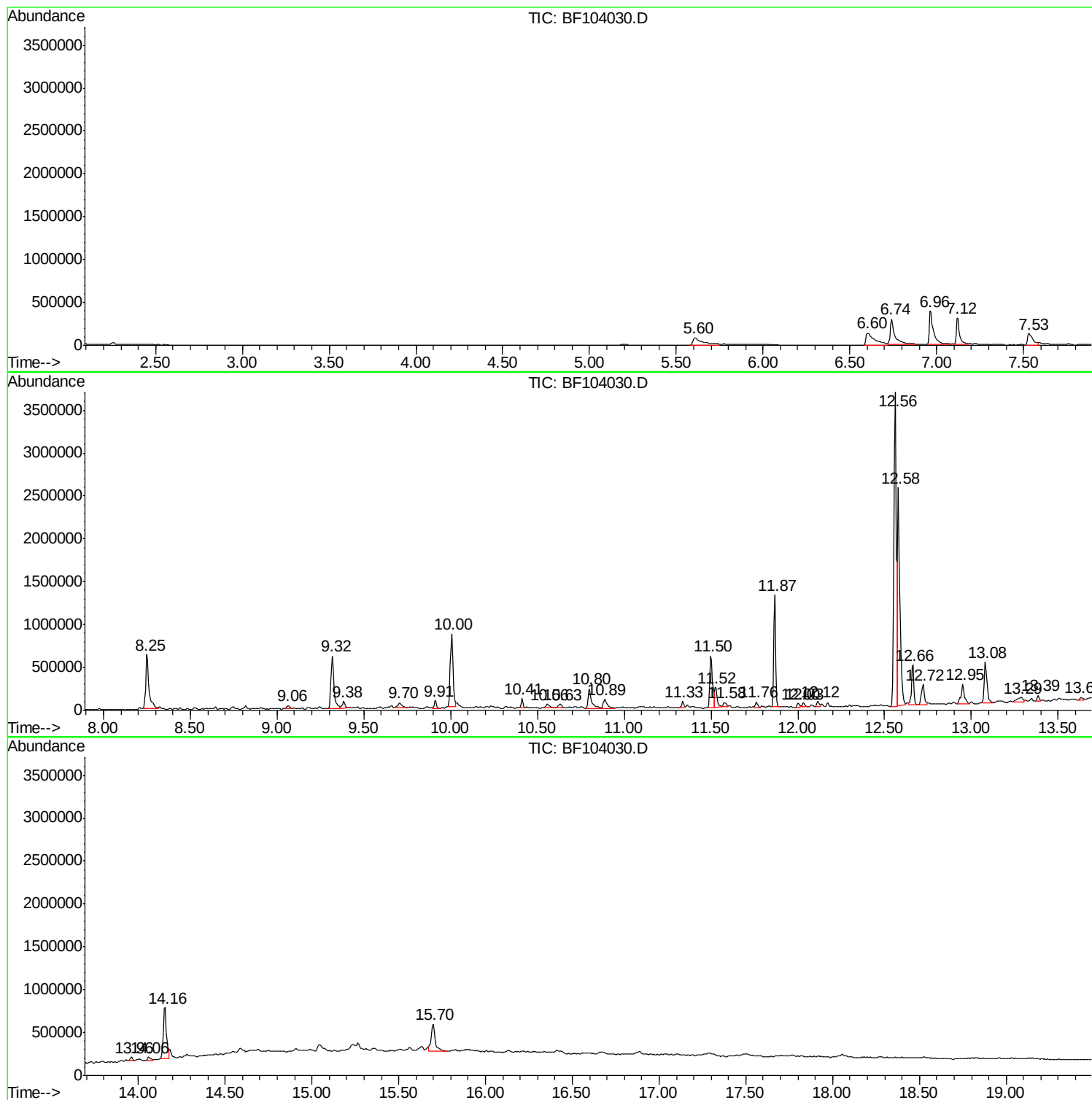
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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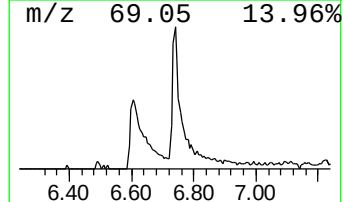
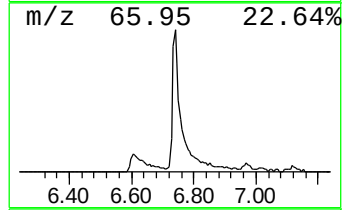
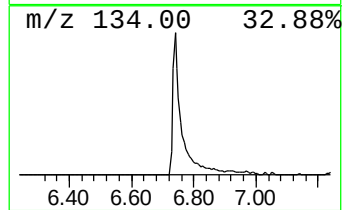
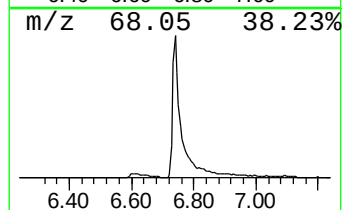
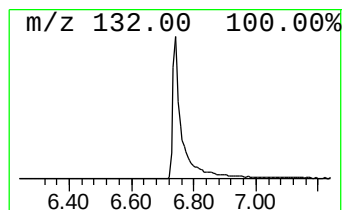
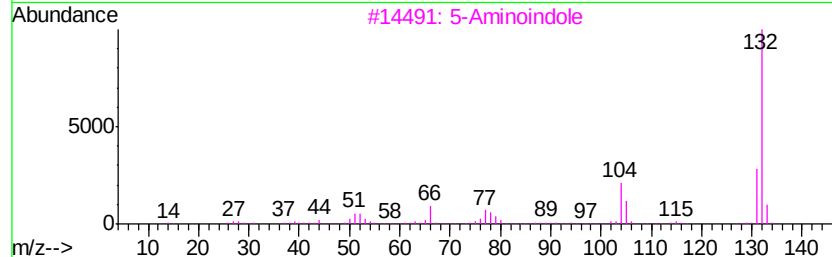
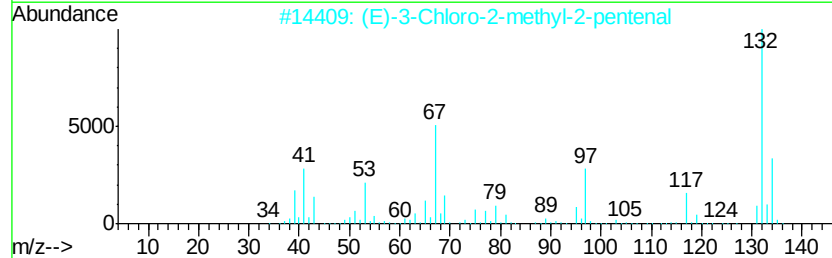
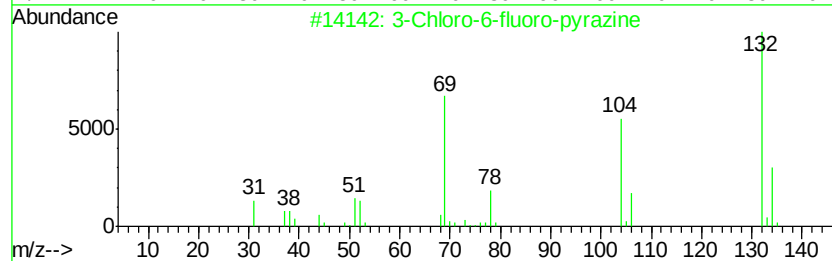
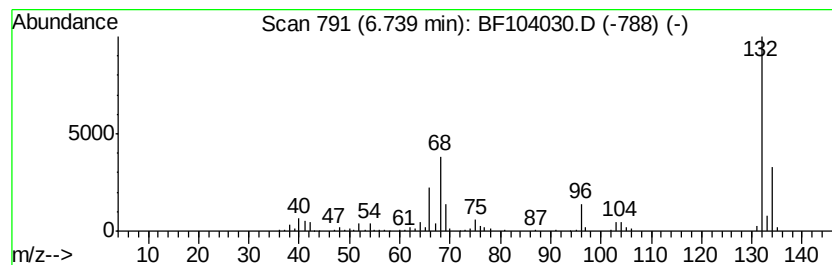
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	17.83 ng	574620	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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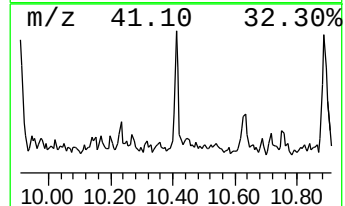
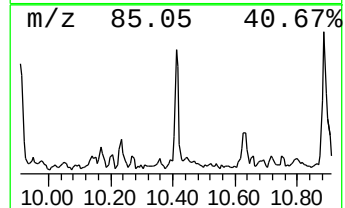
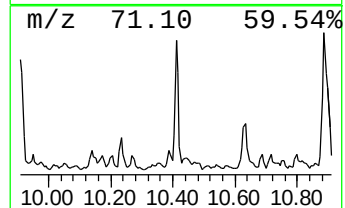
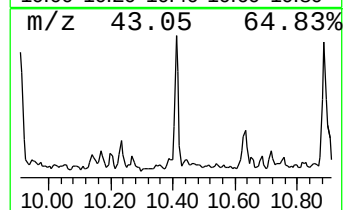
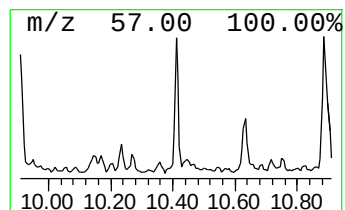
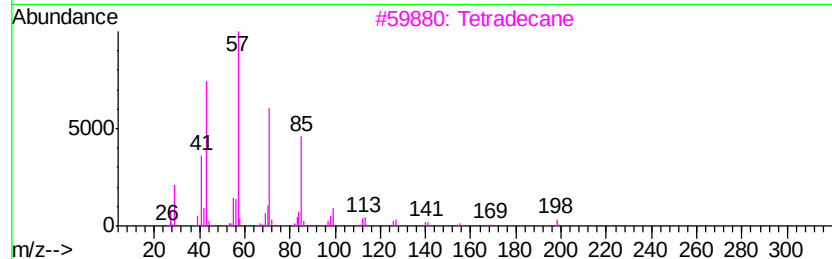
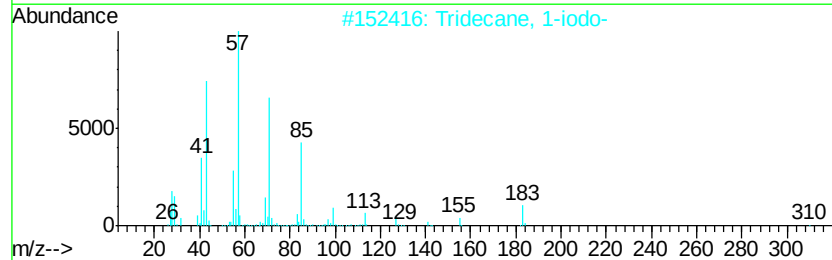
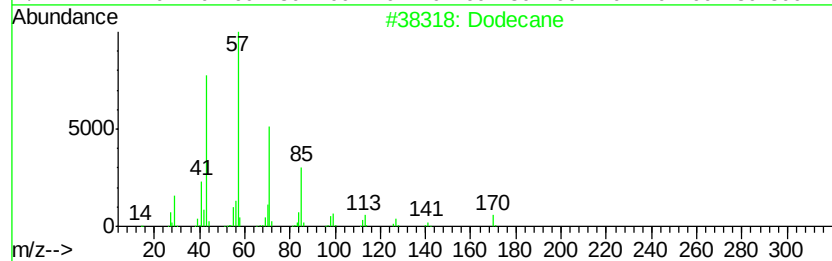
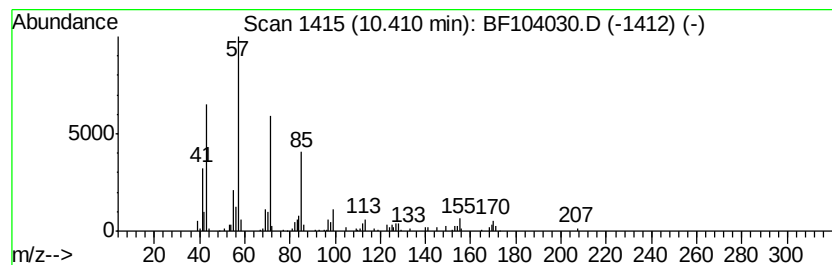
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.08 ng	85365	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	94
2	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	87
3	Tetradecane	198 C14H30	000629-59-4	87
4	Hexadecane	226 C16H34	000544-76-3	86
5	Eicosane	282 C20H42	000112-95-8	86



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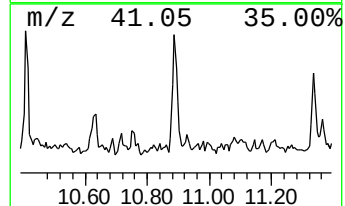
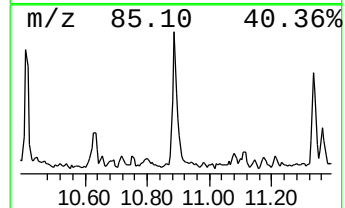
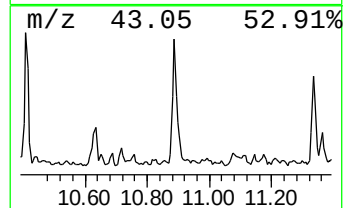
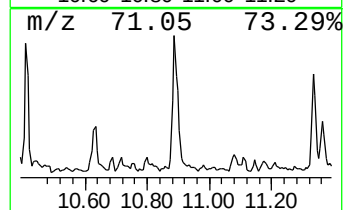
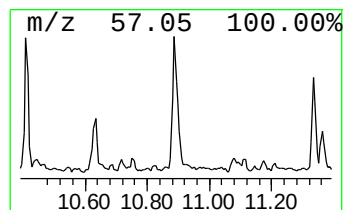
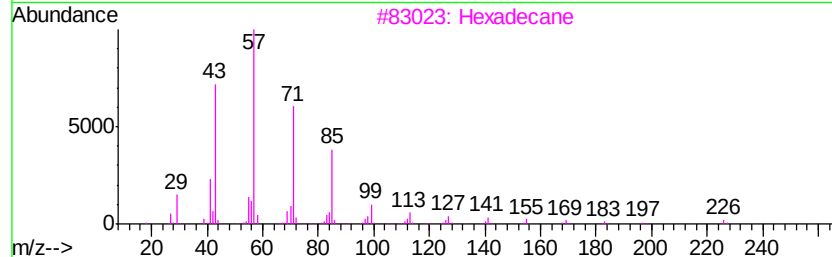
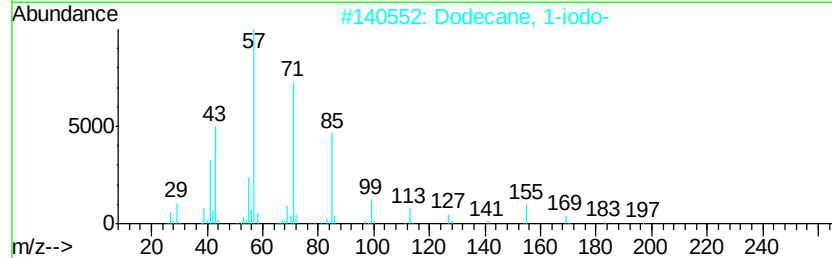
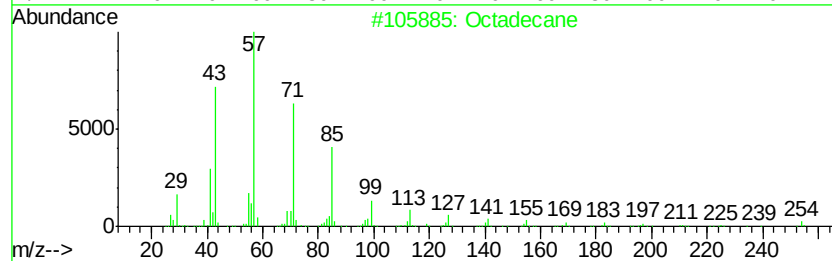
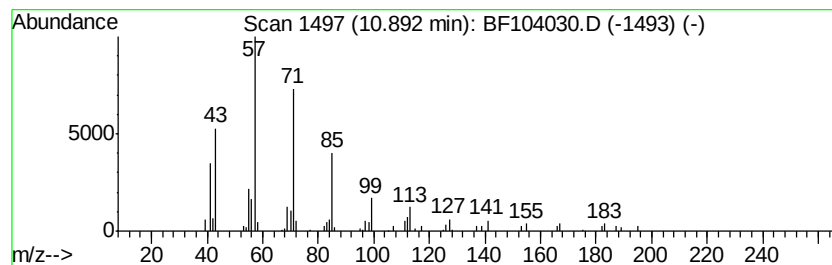
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	4.00 ng	135056	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	86
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
3	Hexadecane		226	C16H34	000544-76-3	78
4	Tetracosane		338	C24H50	000646-31-1	72
5	Heptadecane		240	C17H36	000629-78-7	72



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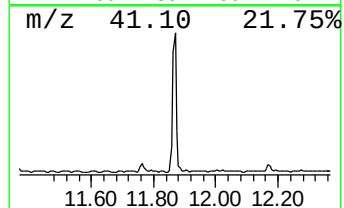
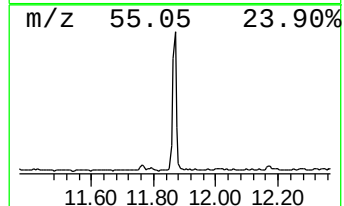
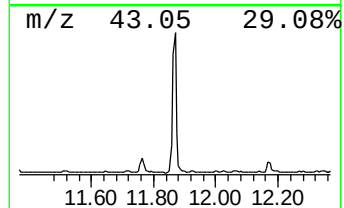
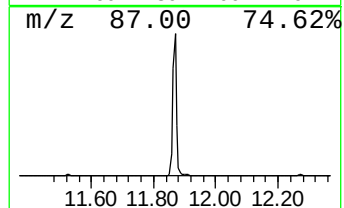
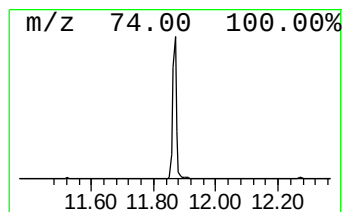
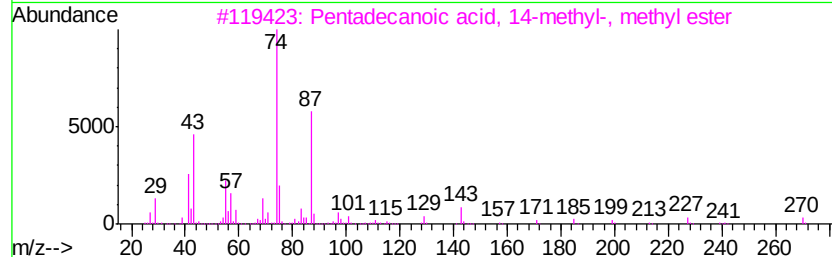
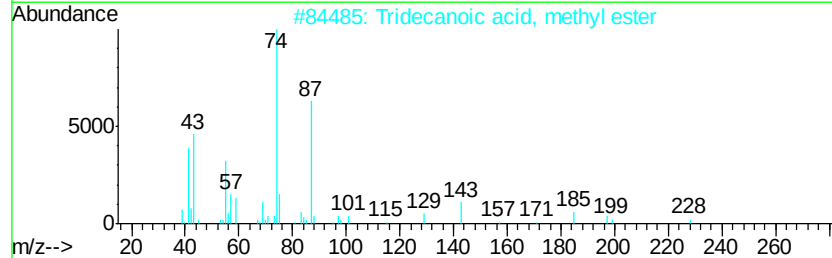
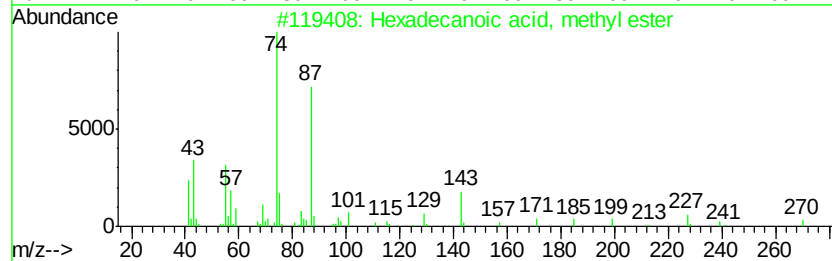
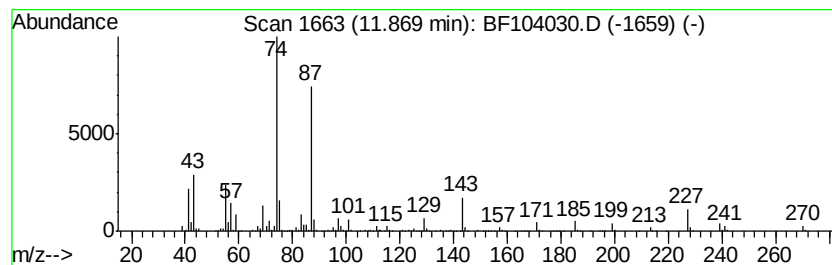
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.87	32.08 ng	1083780	Phenanthrene-d10		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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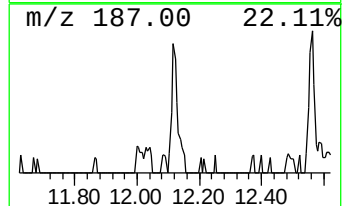
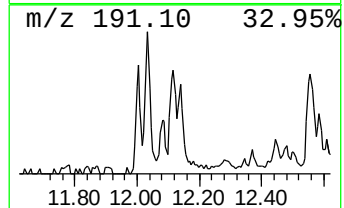
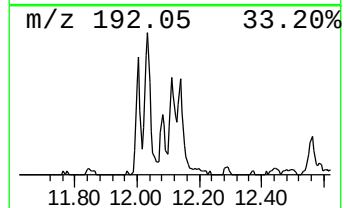
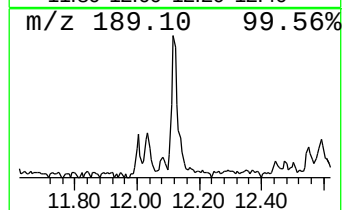
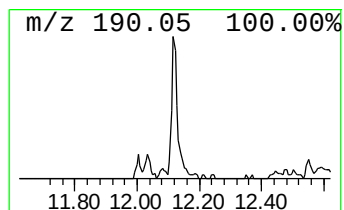
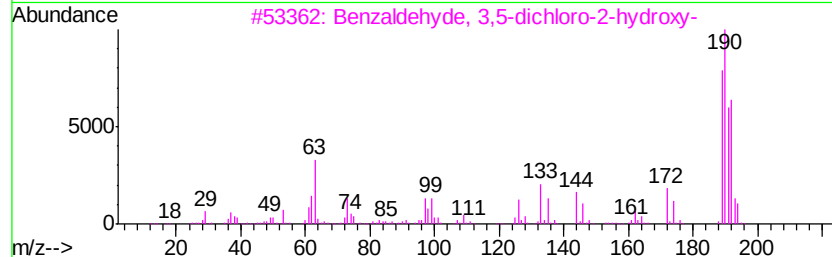
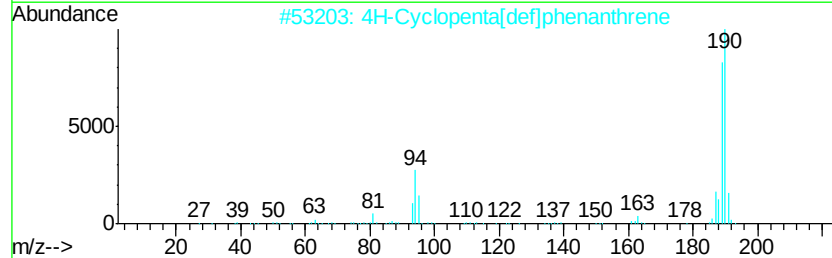
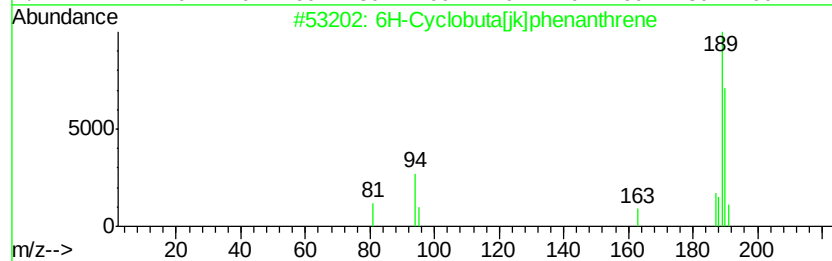
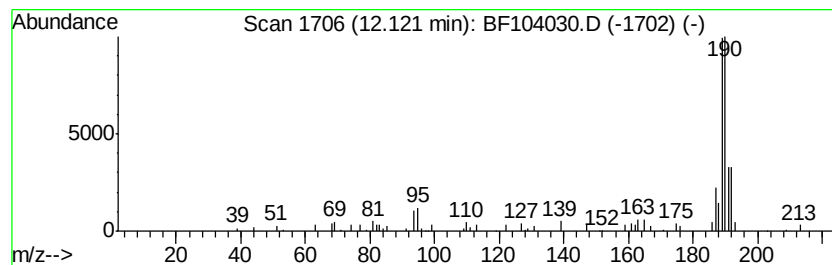
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 6H-Cyclobuta[jk]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.15 ng	72571	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	58
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



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Data File : BF104030.D
Acq On : 29 Mar 2018 00:13
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

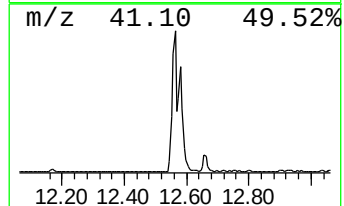
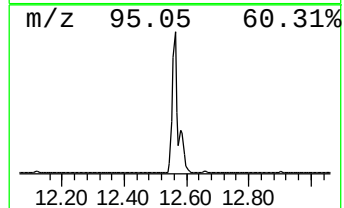
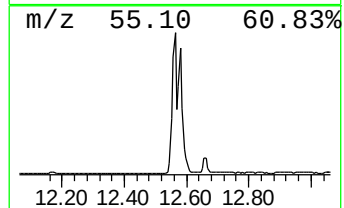
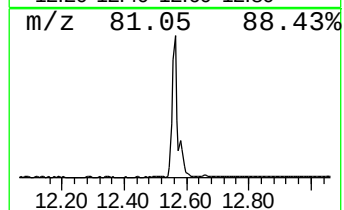
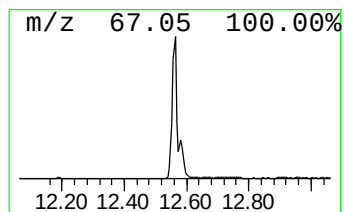
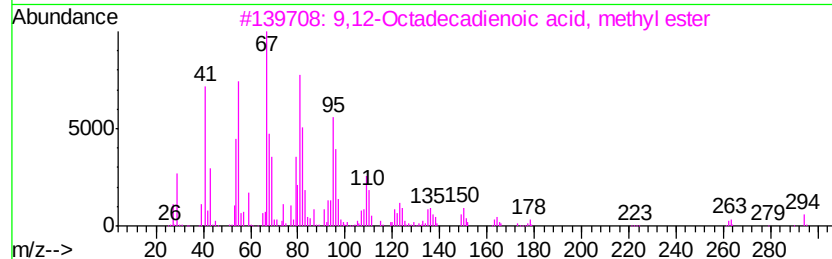
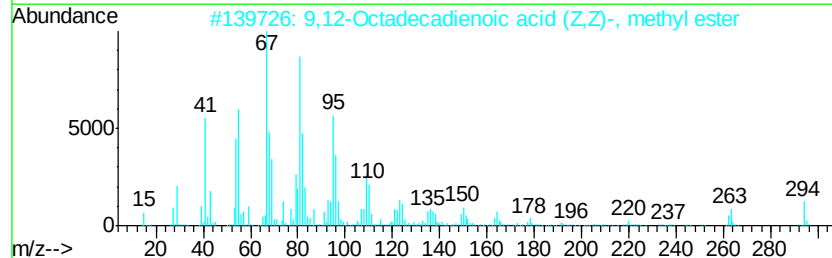
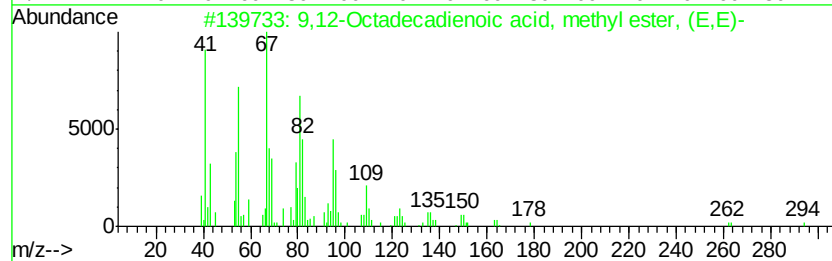
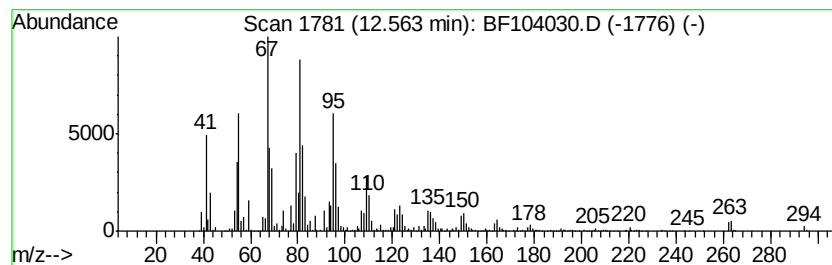
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ClientSampleId :
OR-01-032718-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	122.23 ng	4128910	Phenanthrene-d10	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104030.D
Acq On : 29 Mar 2018 00:13
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

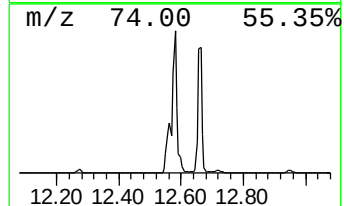
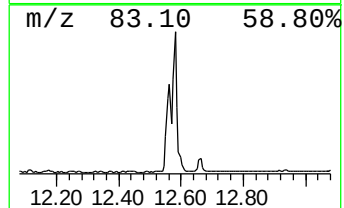
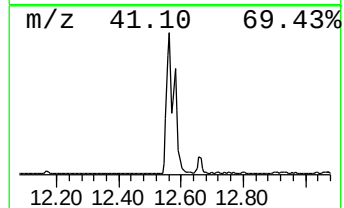
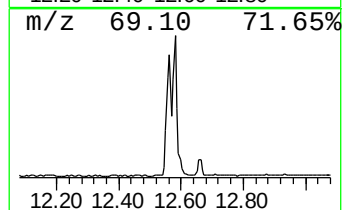
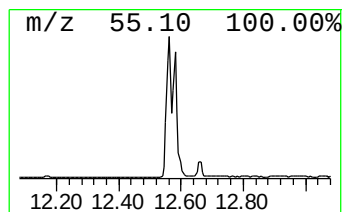
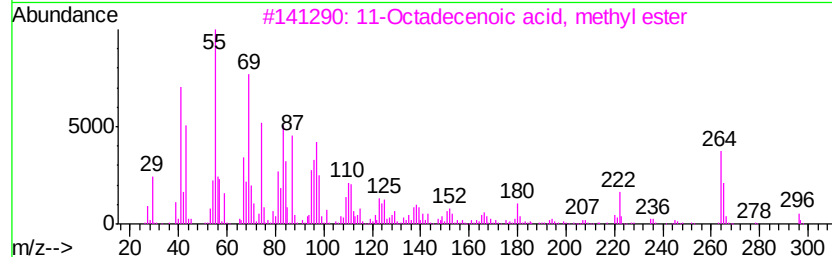
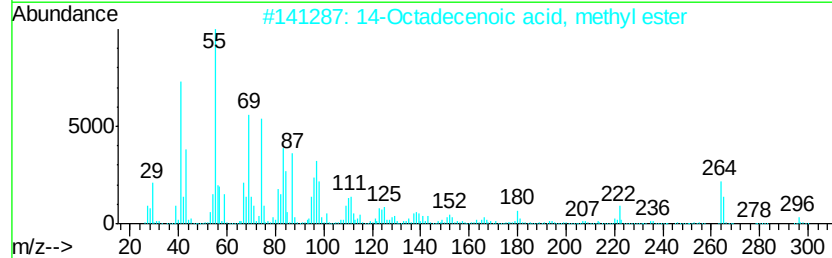
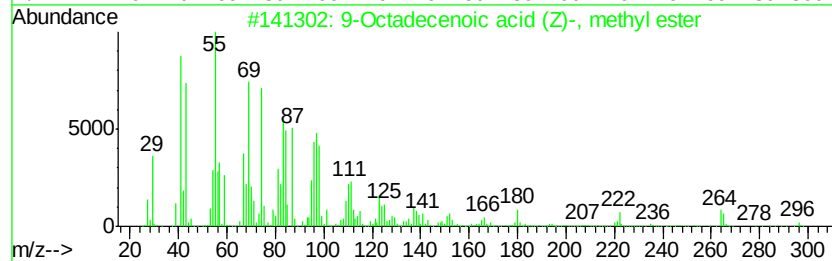
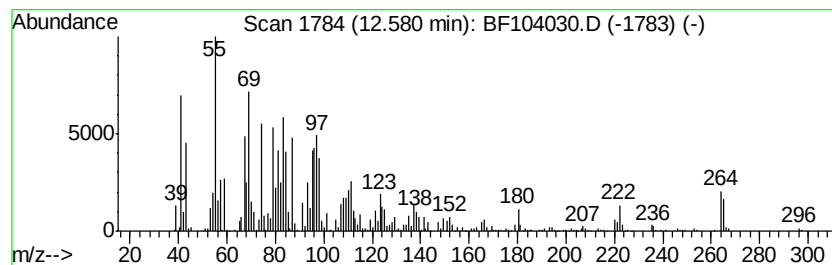
Instrument :
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ClientSampleId :
OR-01-032718-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	56.18 ng	1897710	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104030.D
Acq On : 29 Mar 2018 00:13
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

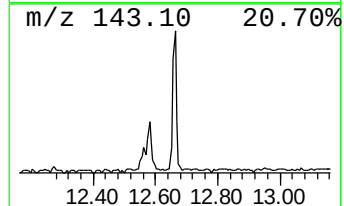
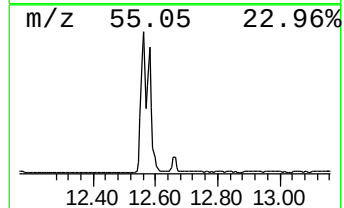
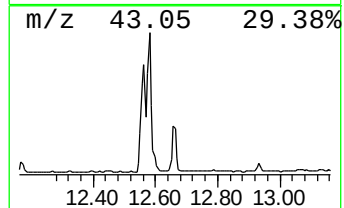
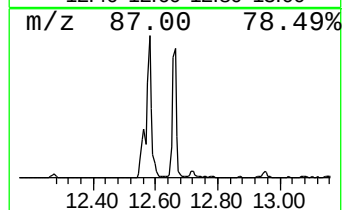
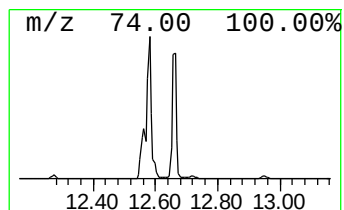
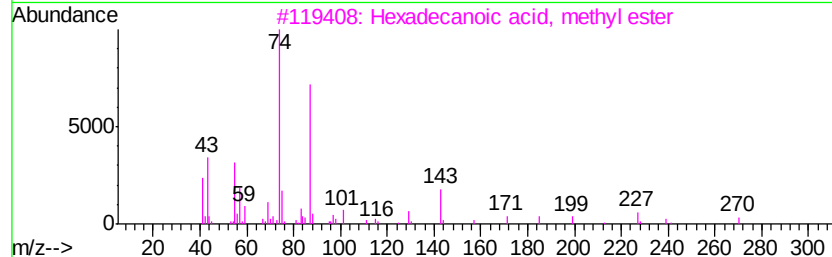
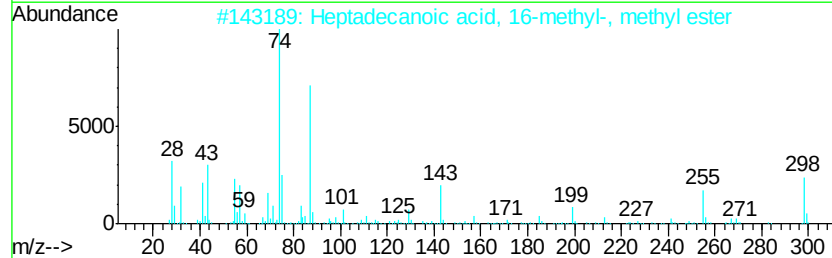
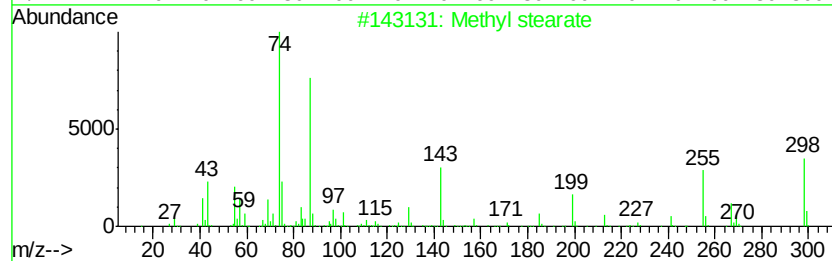
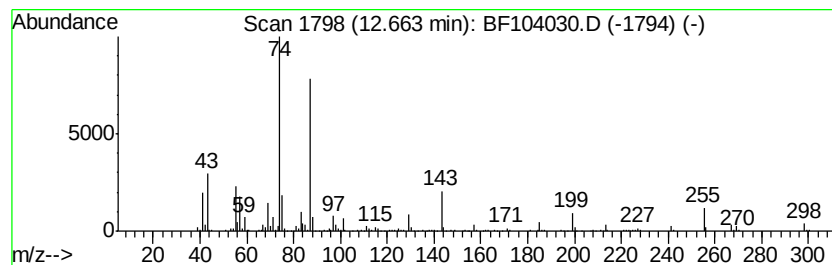
Instrument :
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ClientSampleId :
OR-01-032718-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	12.92 ng	436509	Phenanthrene-d10	11.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 89
3		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87
4		Methyl tetradecanoate	242 C15H30O2	000124-10-7 87
5		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104030.D
Acq On : 29 Mar 2018 00:13
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

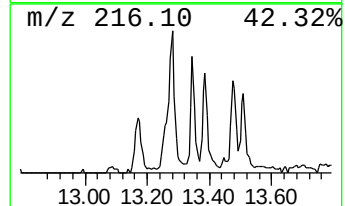
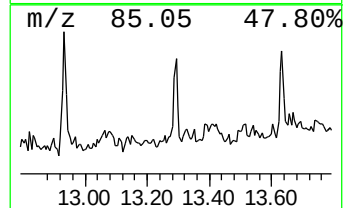
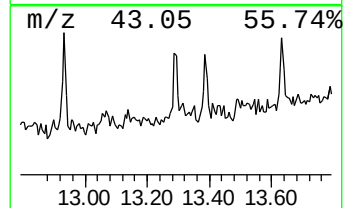
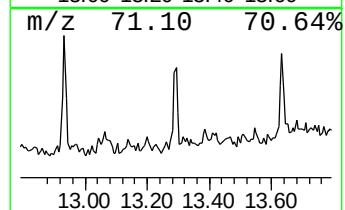
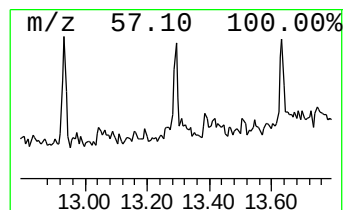
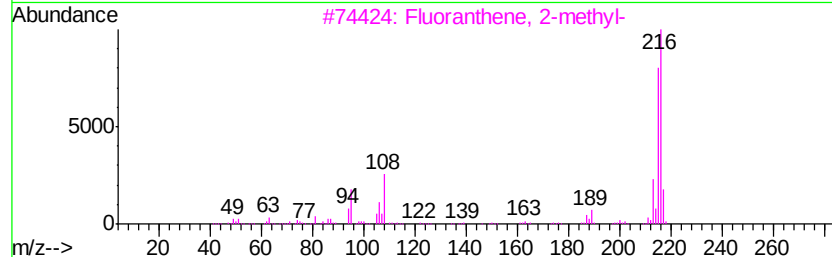
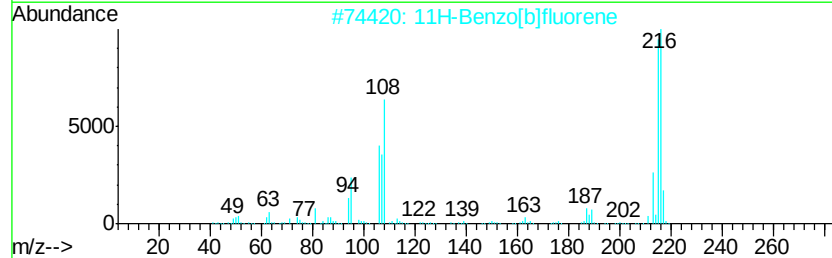
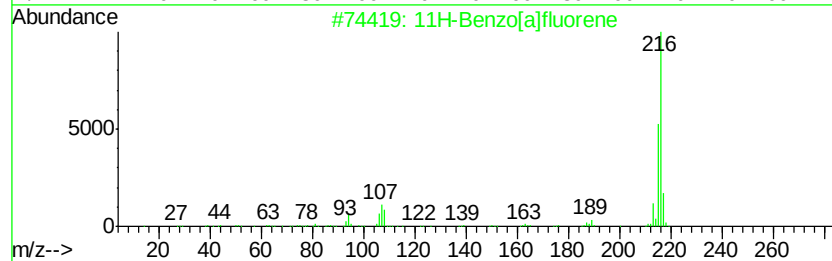
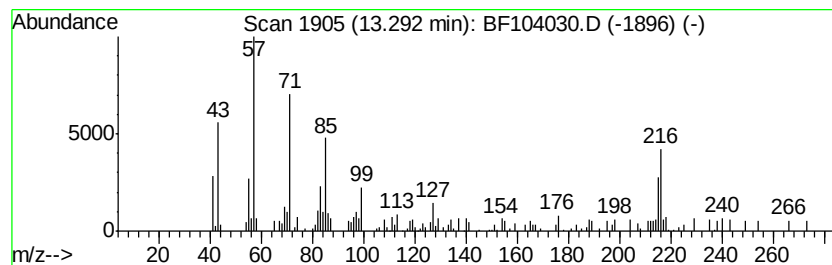
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	3.52 ng	135019	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
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Acq On : 29 Mar 2018 00:13
Operator : JU/SJ
Sample : J1756-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-032718-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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Dodecane	10.41	2.1	ng	85365	3	10.00	820652	20.0
Octadecane	10.89	4.0	ng	135056	4	11.50	675581	20.0
Hexadecanoic acid...	11.87	32.1	ng	1083780	4	11.50	675581	20.0
6H-Cyclobuta[jk]p...	12.12	2.1	ng	72571	4	11.50	675581	20.0
9,12-Octadecadien...	12.56	122.2	ng	4128910	4	11.50	675581	20.0
9-Octadecenoic ac...	12.58	56.2	ng	1897710	4	11.50	675581	20.0
Methyl stearate	12.66	12.9	ng	436509	4	11.50	675581	20.0
11H-Benzo[a]fluorene	13.29	3.5	ng	135019	5	14.16	768083	20.0