

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF090817\
 Data File : BF098362.D
 Acq On : 8 Sep 2017 20:39
 Operator : SJ/JU
 Sample : I5122-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-090617

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-BF081517.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	3.693	249	273	274	rBV3	5870730	30651614	100.00%	47.247%
2	5.293	541	545	563	rBV	1296163	1406567	4.59%	2.168%
3	6.334	718	722	739	rBV	1406561	1487116	4.85%	2.292%
4	6.457	739	743	749	rVB	1557137	1386546	4.52%	2.137%
5	6.681	777	781	785	rBV	834523	679375	2.22%	1.047%
6	6.840	804	808	811	rBV	1143612	1058399	3.45%	1.631%
7	7.245	873	877	881	rBV	870466	804971	2.63%	1.241%
8	7.963	994	999	1003	rBV	929380	899526	2.93%	1.387%
9	9.039	1178	1182	1186	rBV	1637125	1450635	4.73%	2.236%
10	9.716	1290	1297	1300	rBV	854569	815412	2.66%	1.257%
11	10.504	1426	1431	1435	rBV	729829	676930	2.21%	1.043%
12	10.627	1448	1452	1459	rBV	284833	343698	1.12%	0.530%
13	11.198	1546	1549	1551	rBV	690292	648245	2.11%	0.999%
14	11.227	1551	1554	1557	rVV	1117531	989718	3.23%	1.526%
15	11.275	1559	1562	1566	rVB	413462	340441	1.11%	0.525%
16	11.604	1614	1618	1621	rBV	1837132	1614896	5.27%	2.489%
17	11.810	1650	1653	1656	rBV	357119	370680	1.21%	0.571%
18	12.292	1730	1735	1737	rVV	3444495	4290208	14.00%	6.613%
19	12.316	1737	1739	1748	rVV2	3099052	3053615	9.96%	4.707%
20	12.392	1749	1752	1754	rVV	851573	845586	2.76%	1.303%
21	12.416	1754	1756	1759	rVB	1808957	1472394	4.80%	2.270%
22	12.645	1789	1795	1797	rBV	1717482	1955043	6.38%	3.014%
23	12.786	1816	1819	1825	rVB	1170312	1053556	3.44%	1.624%
24	12.969	1848	1850	1856	rVB	330312	334956	1.09%	0.516%
25	13.033	1856	1861	1864	rBV2	259478	350975	1.15%	0.541%
26	13.686	1969	1972	1976	rVB	376642	353966	1.15%	0.546%
27	13.839	1993	1998	2001	rBV2	1108515	1744186	5.69%	2.689%
28	13.868	2001	2003	2010	rVB	872571	747009	2.44%	1.151%
29	14.857	2167	2171	2178	rVB	652388	1142280	3.73%	1.761%
30	15.139	2216	2219	2224	rVB	353138	402725	1.31%	0.621%
31	15.198	2225	2229	2234	rVB	569337	660927	2.16%	1.019%
32	15.257	2235	2239	2241	rBV	339391	441357	1.44%	0.680%
33	16.615	2466	2470	2476	rVB2	234668	401925	1.31%	0.620%

LSC Area Percent Report

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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-BF081517.M
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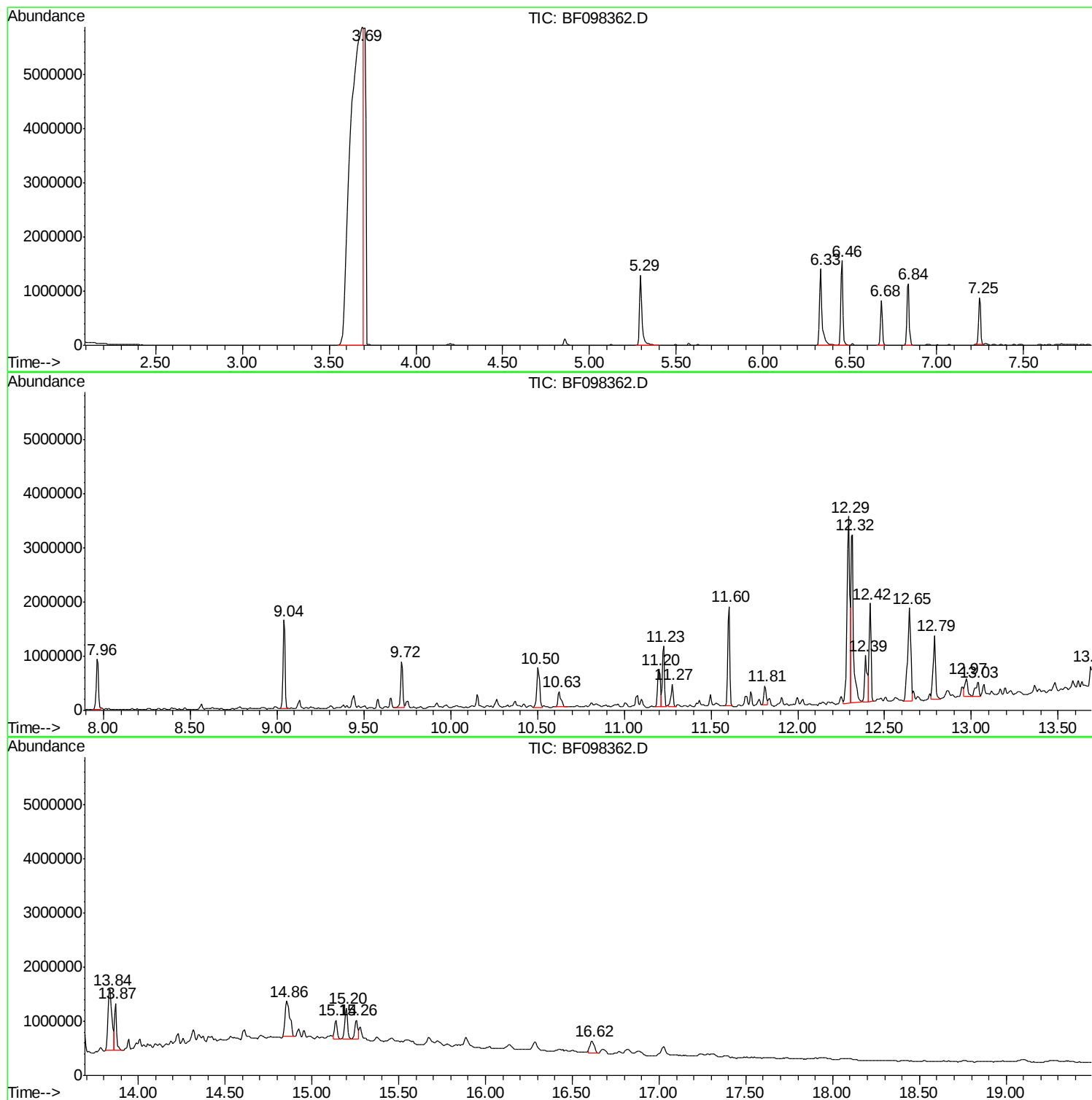
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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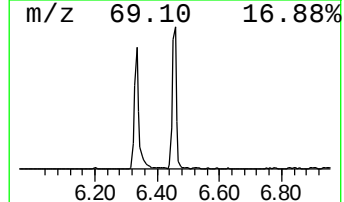
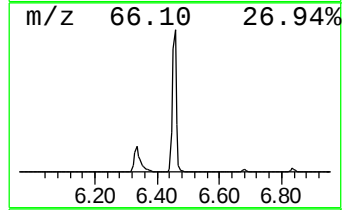
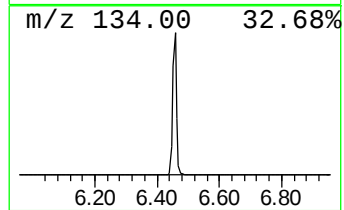
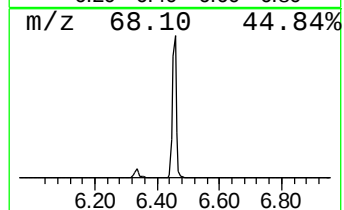
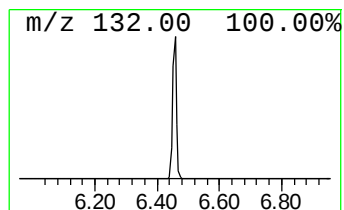
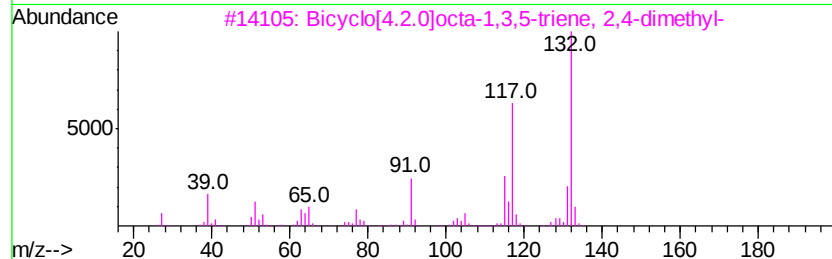
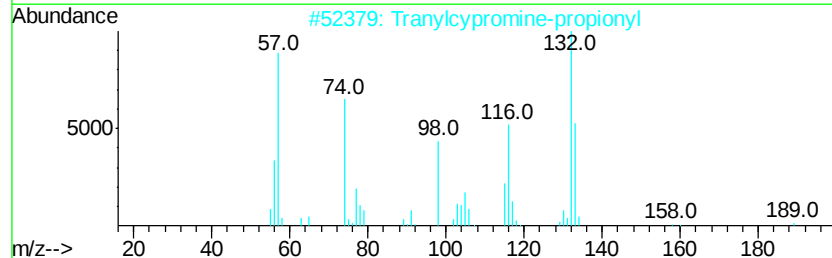
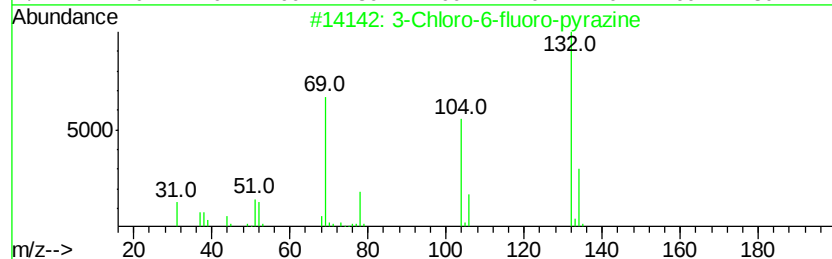
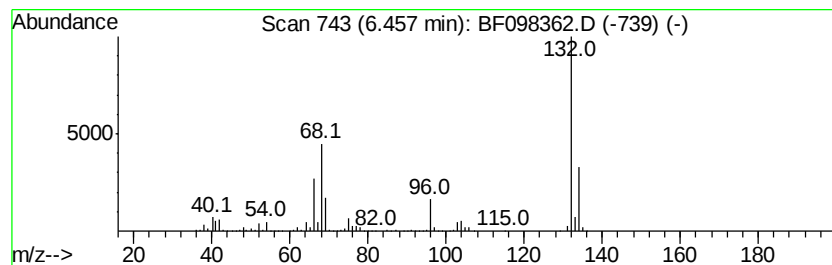
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.46 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	40.82 ng	1386550	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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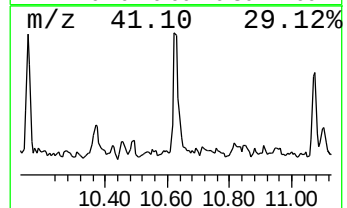
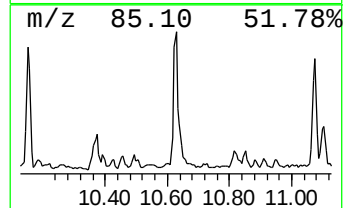
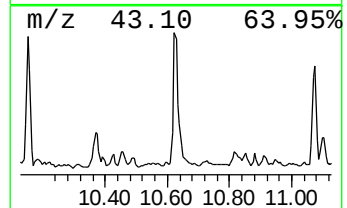
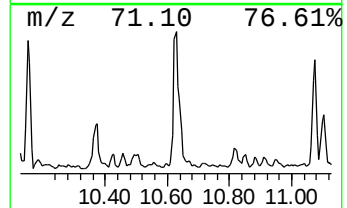
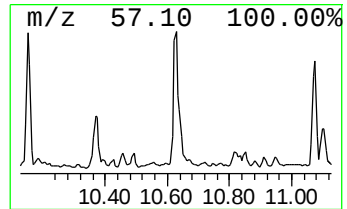
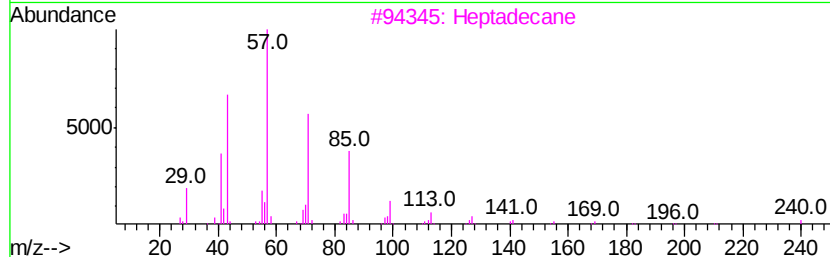
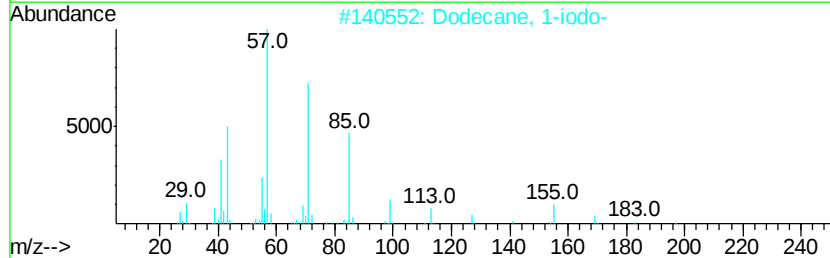
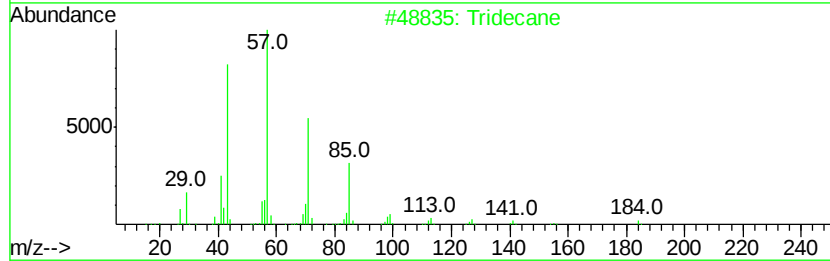
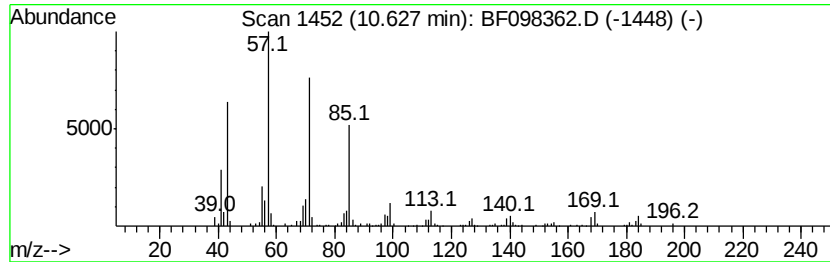
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.63	10.60 ng	343698	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetracosane	338	C24H50	000646-31-1	80



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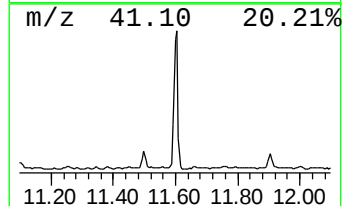
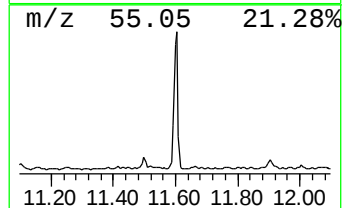
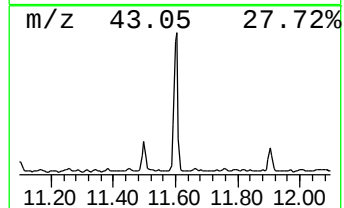
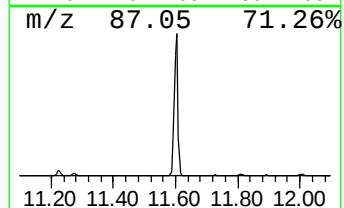
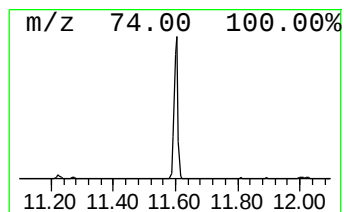
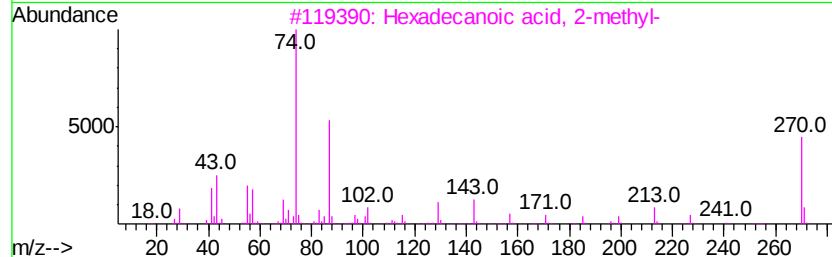
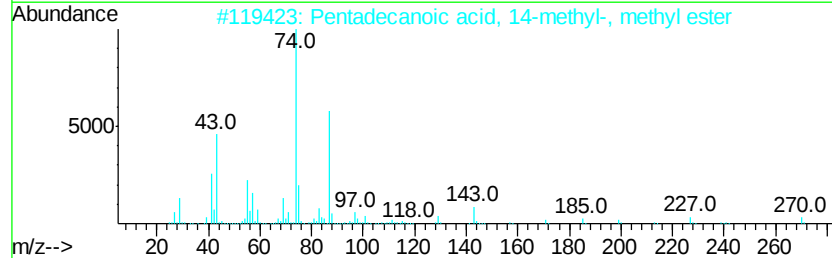
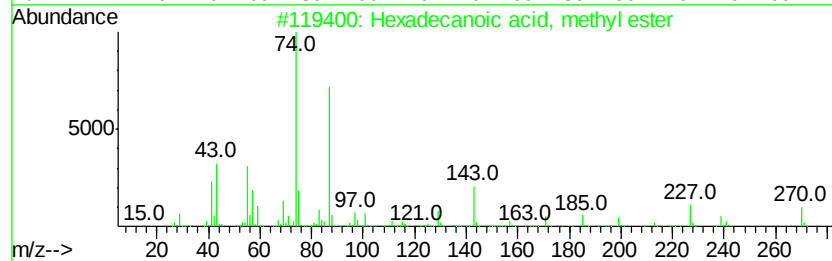
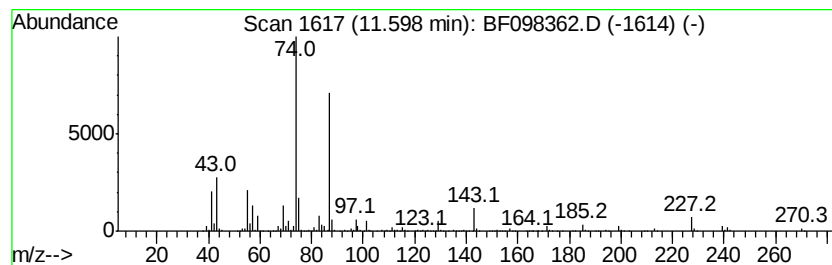
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	49.82 ng	1614900	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87



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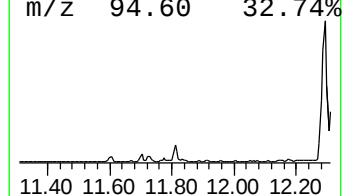
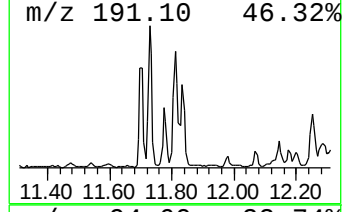
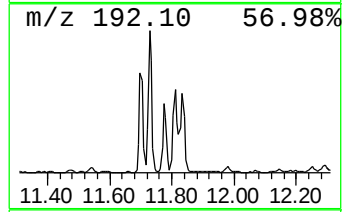
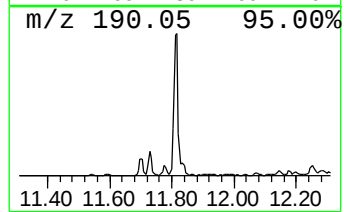
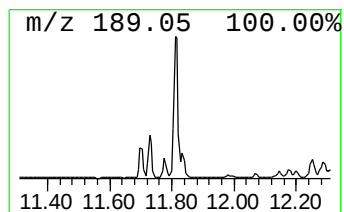
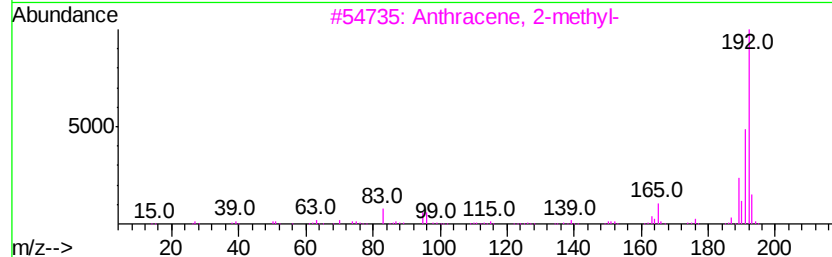
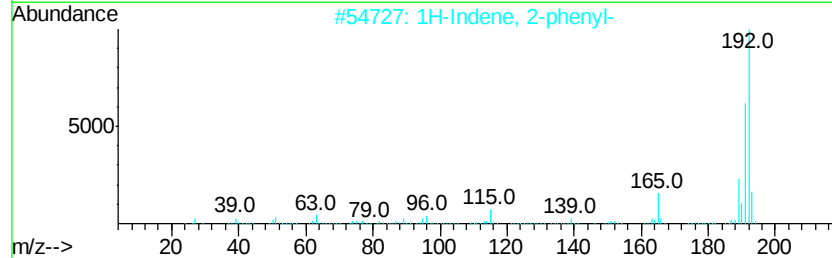
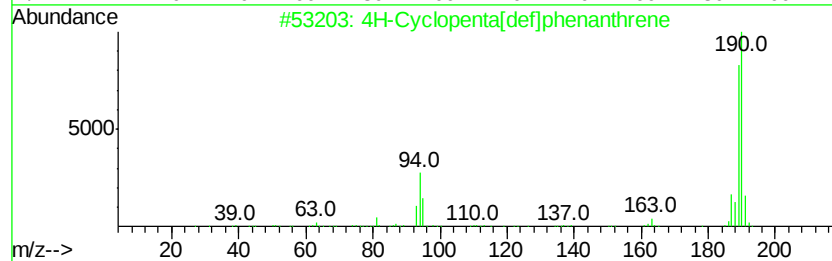
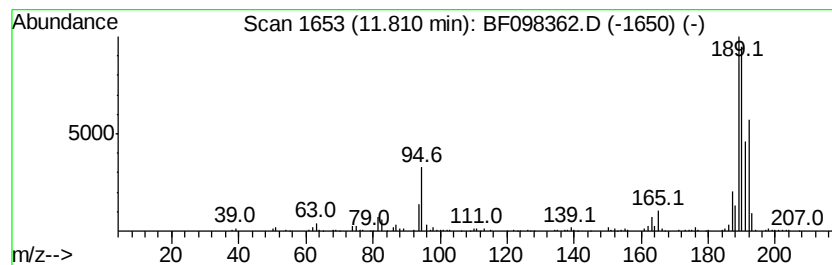
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	11.44 ng	370680	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15



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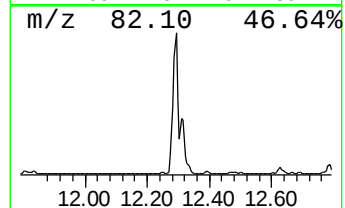
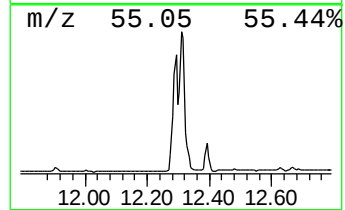
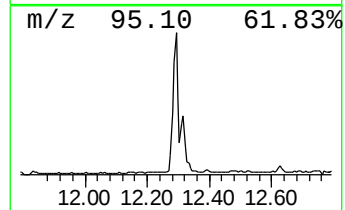
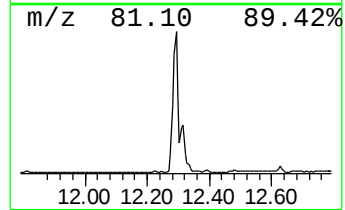
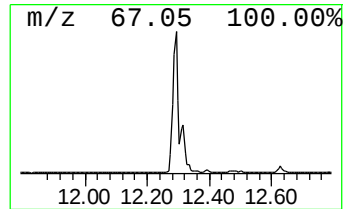
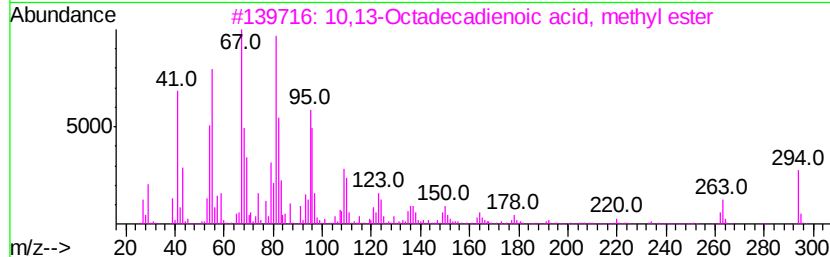
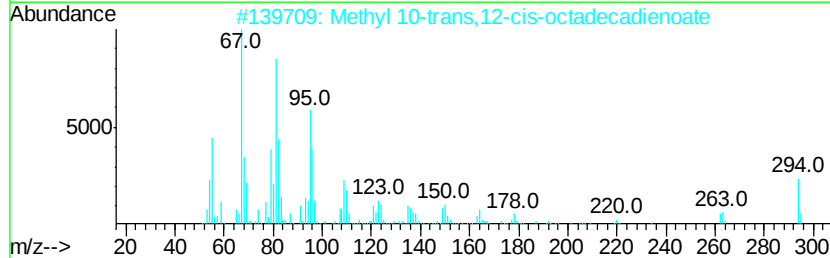
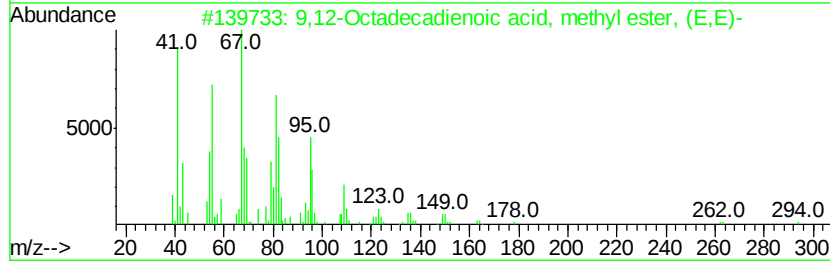
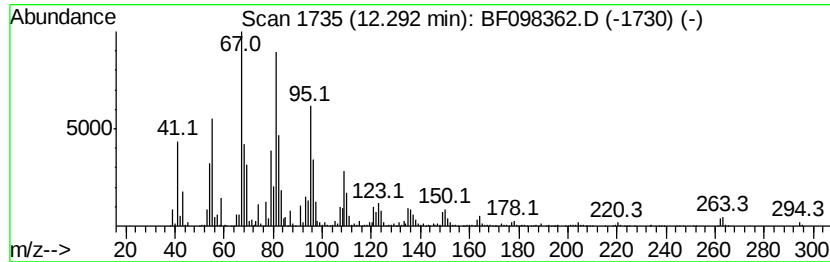
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Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	132.36 ng	4290210	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098362.D
Acq On : 8 Sep 2017 20:39
Operator : SJ/JU
Sample : I5122-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-090617

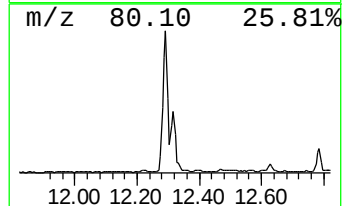
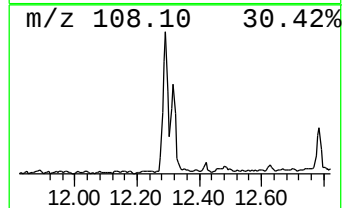
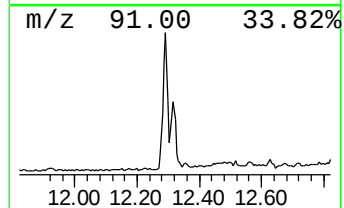
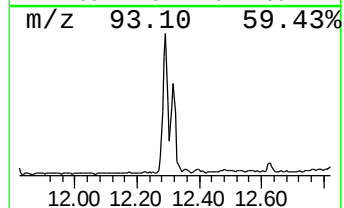
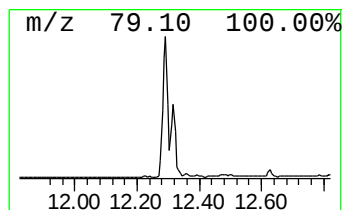
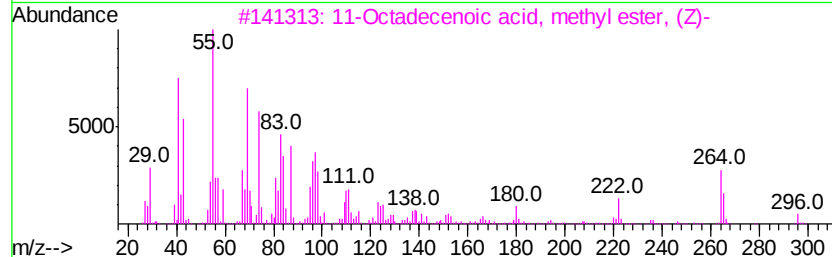
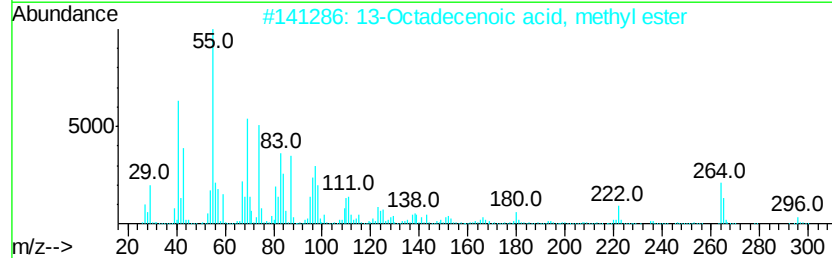
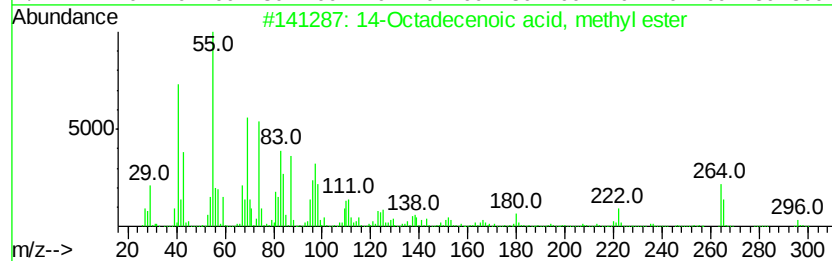
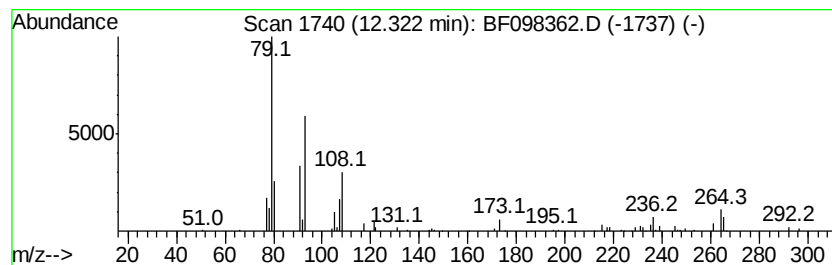
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 14-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	94.21 ng	3053620	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098362.D
Acq On : 8 Sep 2017 20:39
Operator : SJ/JU
Sample : I5122-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

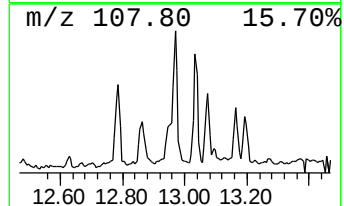
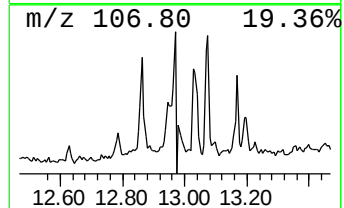
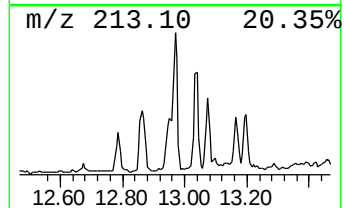
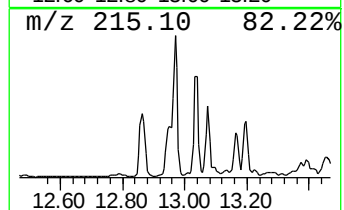
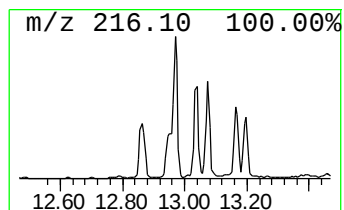
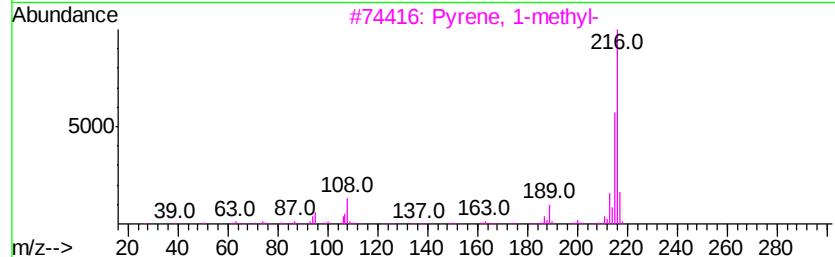
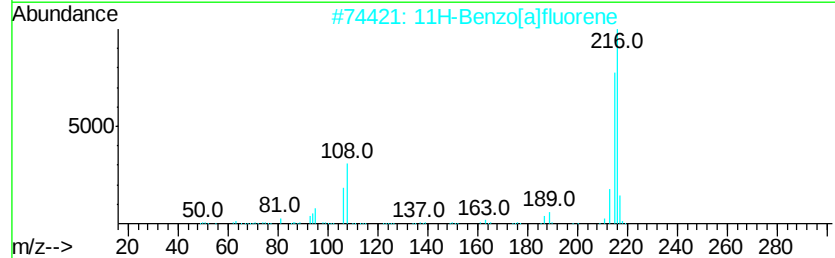
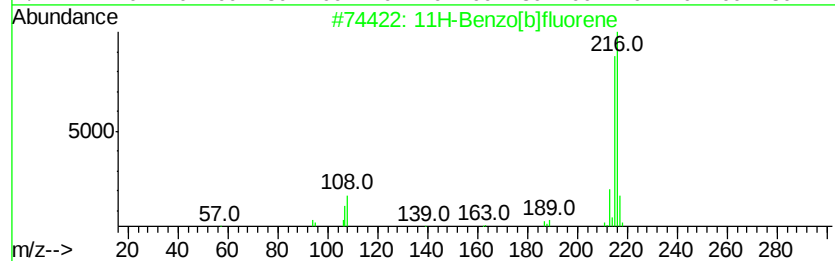
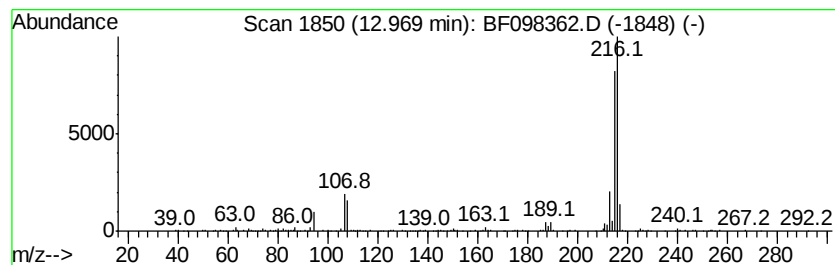
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.84 ng	334956	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 83
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098362.D
Acq On : 8 Sep 2017 20:39
Operator : SJ/JU
Sample : I5122-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

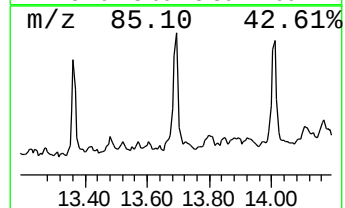
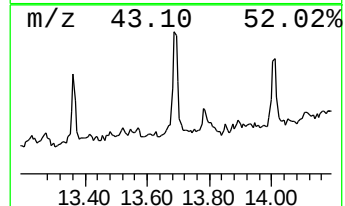
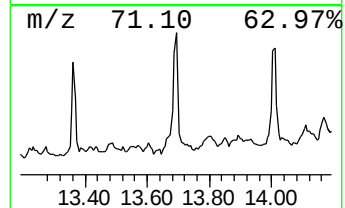
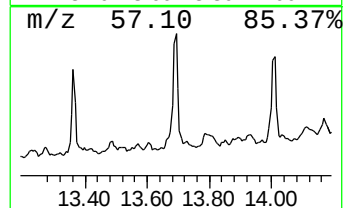
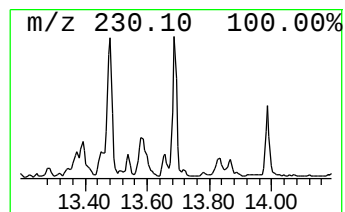
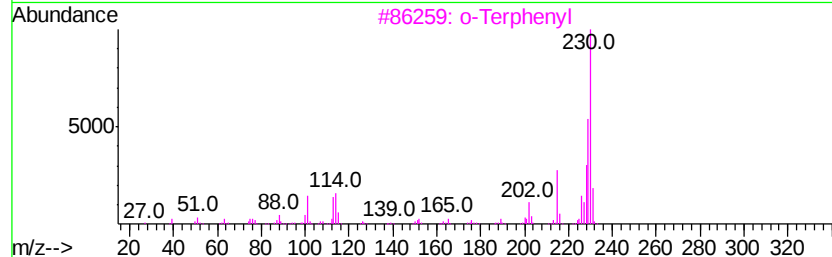
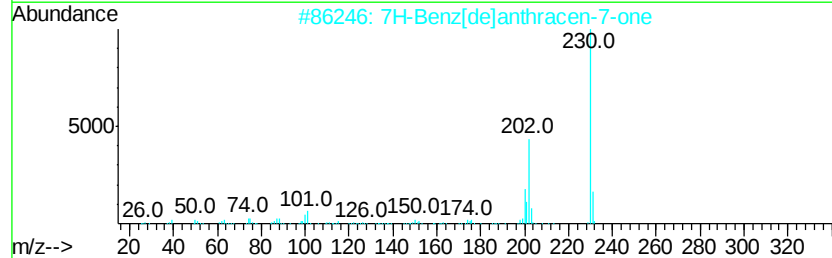
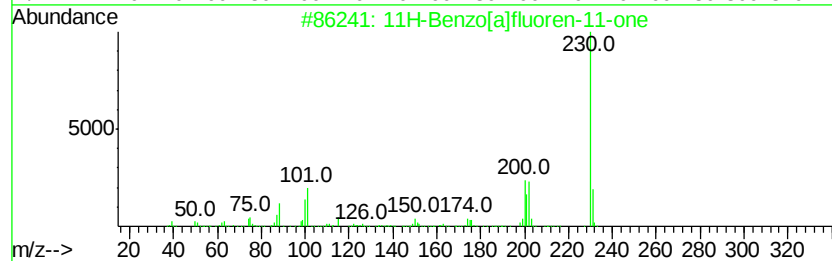
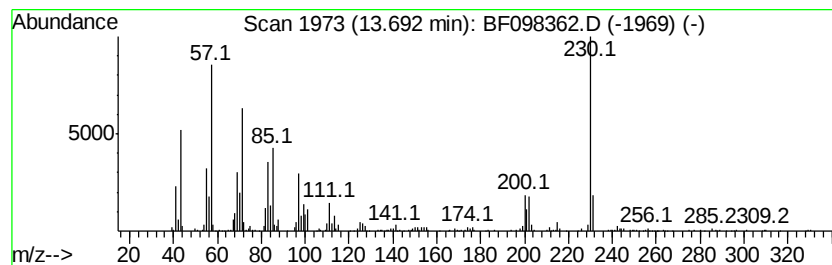
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.69	4.06 ng	353966	Chrysene-d12	13.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	92
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3		o-Terphenyl	230	C18H14	000084-15-1	47
4		5,6-Dihydrochrysene	230	C18H14	002091-92-1	43
5		4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098362.D
Acq On : 8 Sep 2017 20:39
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Sample : I5122-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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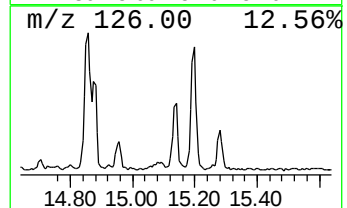
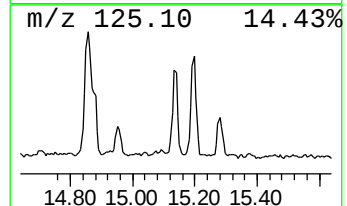
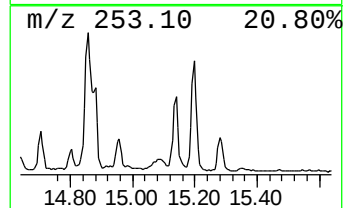
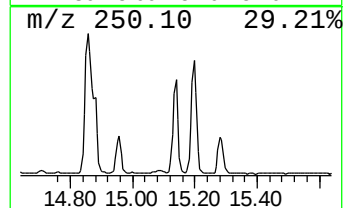
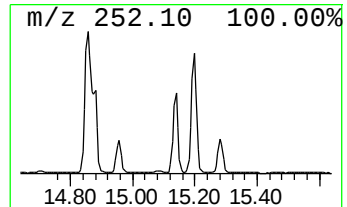
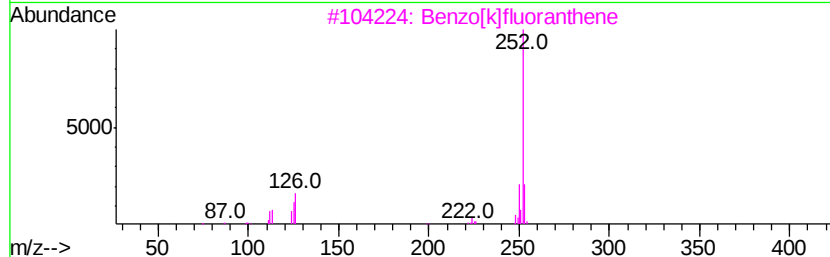
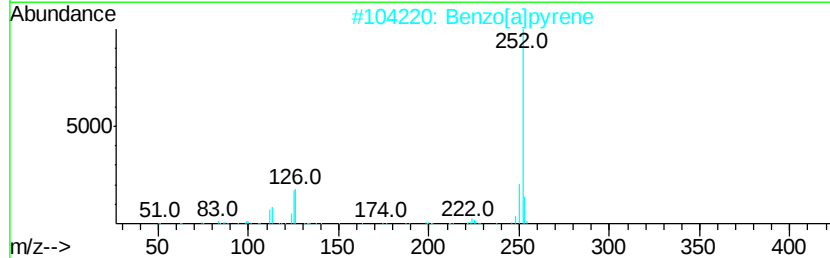
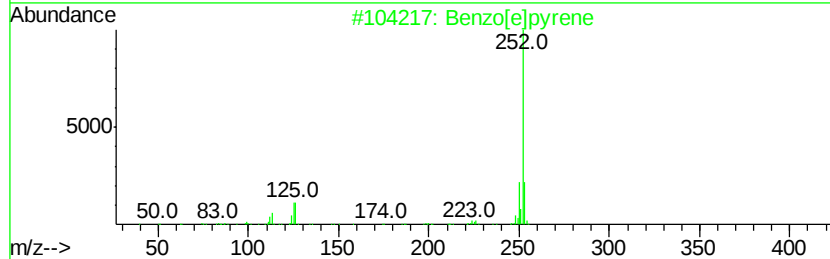
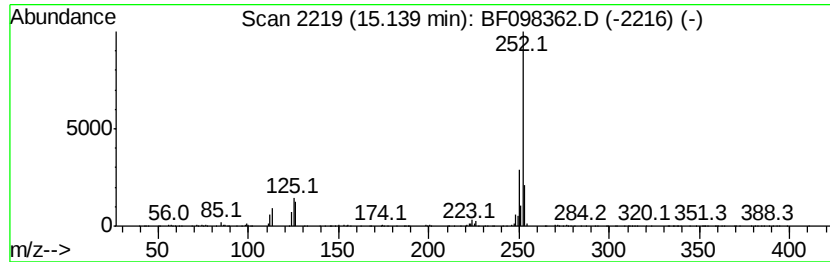
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	18.25 ng	402725	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF090817\
Data File : BF098362.D
Acq On : 8 Sep 2017 20:39
Operator : SJ/JU
Sample : I5122-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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Tridecane	10.63	10.6	ng	343698	4	11.20	648245	20.0
Hexadecanoic acid...	11.60	49.8	ng	1614900	4	11.20	648245	20.0
4H-Cyclopenta[def...	11.81	11.4	ng	370680	4	11.20	648245	20.0
9,12-Octadecadien...	12.29	132.4	ng	4290210	4	11.20	648245	20.0
14-Octadecenoic a...	12.32	94.2	ng	3053620	4	11.20	648245	20.0
11H-Benzo[b]fluorene	12.97	3.8	ng	334956	5	13.84	1744190	20.0
11H-Benzo[a]fluor...	13.69	4.1	ng	353966	5	13.84	1744190	20.0
Benzo[e]pyrene	15.14	18.3	ng	402725	6	15.26	441357	20.0