

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108894.D
 Acq On : 10 Sep 2018 15:50
 Operator : JU/SJ
 Sample : J4777-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.919	436	439	447	rVB	32099	32963	1.82%	0.174%
2	5.342	507	511	514	rBV	873782	835397	46.14%	4.401%
3	6.360	681	684	696	rVB	963305	874532	48.30%	4.607%
4	6.501	705	708	712	rBV	1096489	895286	49.45%	4.716%
5	6.736	745	748	752	rBV	1415557	1201897	66.39%	6.331%
6	6.895	771	775	778	rBV	899082	707415	39.07%	3.726%
7	7.289	839	842	846	rBV	617800	513475	28.36%	2.705%
8	8.019	962	966	969	rBV	1844747	1485363	82.04%	7.825%
9	9.095	1145	1149	1152	rBV	1100347	924501	51.06%	4.870%
10	9.483	1213	1215	1219	rBV	204412	173276	9.57%	0.913%
11	9.630	1236	1240	1244	rBV	49991	44718	2.47%	0.236%
12	9.772	1260	1264	1267	rBV	1597540	1426726	78.80%	7.516%
13	9.801	1267	1269	1271	rVB	30340	24660	1.36%	0.130%
14	9.972	1296	1298	1302	rVB	27594	24312	1.34%	0.128%
15	10.213	1337	1339	1342	rBV2	30083	23244	1.28%	0.122%
16	10.313	1353	1356	1363	rBV	54177	47377	2.62%	0.250%
17	10.436	1373	1377	1380	rBV4	20474	24544	1.36%	0.129%
18	10.548	1393	1396	1401	rBV	447426	391742	21.64%	2.064%
19	10.683	1416	1419	1421	rBV3	40638	39010	2.15%	0.205%
20	11.136	1492	1496	1499	rBV3	35967	48152	2.66%	0.254%
21	11.166	1499	1501	1505	rVB	32205	29383	1.62%	0.155%
22	11.248	1511	1515	1517	rBV	1431941	1212298	66.96%	6.386%
23	11.271	1517	1519	1522	rVV	317612	253545	14.00%	1.336%
24	11.319	1524	1527	1530	rVB	116945	102039	5.64%	0.538%
25	11.360	1530	1534	1538	rBV6	16698	27448	1.52%	0.145%
26	11.654	1581	1584	1589	rVB	161275	132990	7.35%	0.701%
27	11.748	1597	1600	1602	rBV	61881	51145	2.82%	0.269%
28	11.777	1602	1605	1609	rVV2	110245	125656	6.94%	0.662%
29	11.818	1609	1612	1615	rVV2	39837	42280	2.34%	0.223%
30	11.860	1615	1619	1621	rVV	113181	127789	7.06%	0.673%
31	11.877	1621	1622	1625	rVB	44298	35614	1.97%	0.188%
32	11.966	1634	1637	1638	rBV	26737	21255	1.17%	0.112%
33	12.042	1648	1650	1652	rBV	39001	32418	1.79%	0.171%
34	12.118	1661	1663	1666	rBV3	15887	21993	1.21%	0.116%

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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	12.242	1682	1684	1687	rVB4	31440	27248	1.51%	0.144%
36	12.295	1690	1693	1696	rBV	62887	71887	3.97%	0.379%
37	12.336	1696	1700	1702	rVV2	357154	342960	18.94%	1.807%
38	12.360	1702	1704	1712	rVB2	361422	348000	19.22%	1.833%
39	12.454	1716	1720	1723	rBV	719972	632393	34.93%	3.331%
40	12.548	1733	1736	1737	rBV	26486	21056	1.16%	0.111%
41	12.677	1753	1758	1761	rBV	662185	669465	36.98%	3.527%
42	12.801	1777	1779	1780	rBV	42009	29504	1.63%	0.155%
43	12.824	1780	1783	1787	rVV	782507	701277	38.73%	3.694%
44	12.901	1793	1796	1799	rBV	47513	53564	2.96%	0.282%
45	13.007	1812	1814	1817	rVB2	110440	101382	5.60%	0.534%
46	13.077	1823	1826	1829	rBV	102056	104962	5.80%	0.553%
47	13.113	1829	1832	1835	rBV2	98904	96152	5.31%	0.507%
48	13.201	1845	1847	1850	rVB	62049	51198	2.83%	0.270%
49	13.236	1850	1853	1856	rBV	66711	70503	3.89%	0.371%
50	13.871	1957	1961	1964	rBV2	1635890	1810494	100.00%	9.537%
51	13.901	1964	1966	1969	rVB	296810	236136	13.04%	1.244%
52	14.883	2131	2133	2136	rBV	225725	277495	15.33%	1.462%
53	15.171	2179	2182	2186	rVB	188700	209039	11.55%	1.101%
54	15.224	2189	2191	2194	rVV	208947	193672	10.70%	1.020%
55	15.289	2198	2202	2205	rVB	872405	980549	54.16%	5.165%

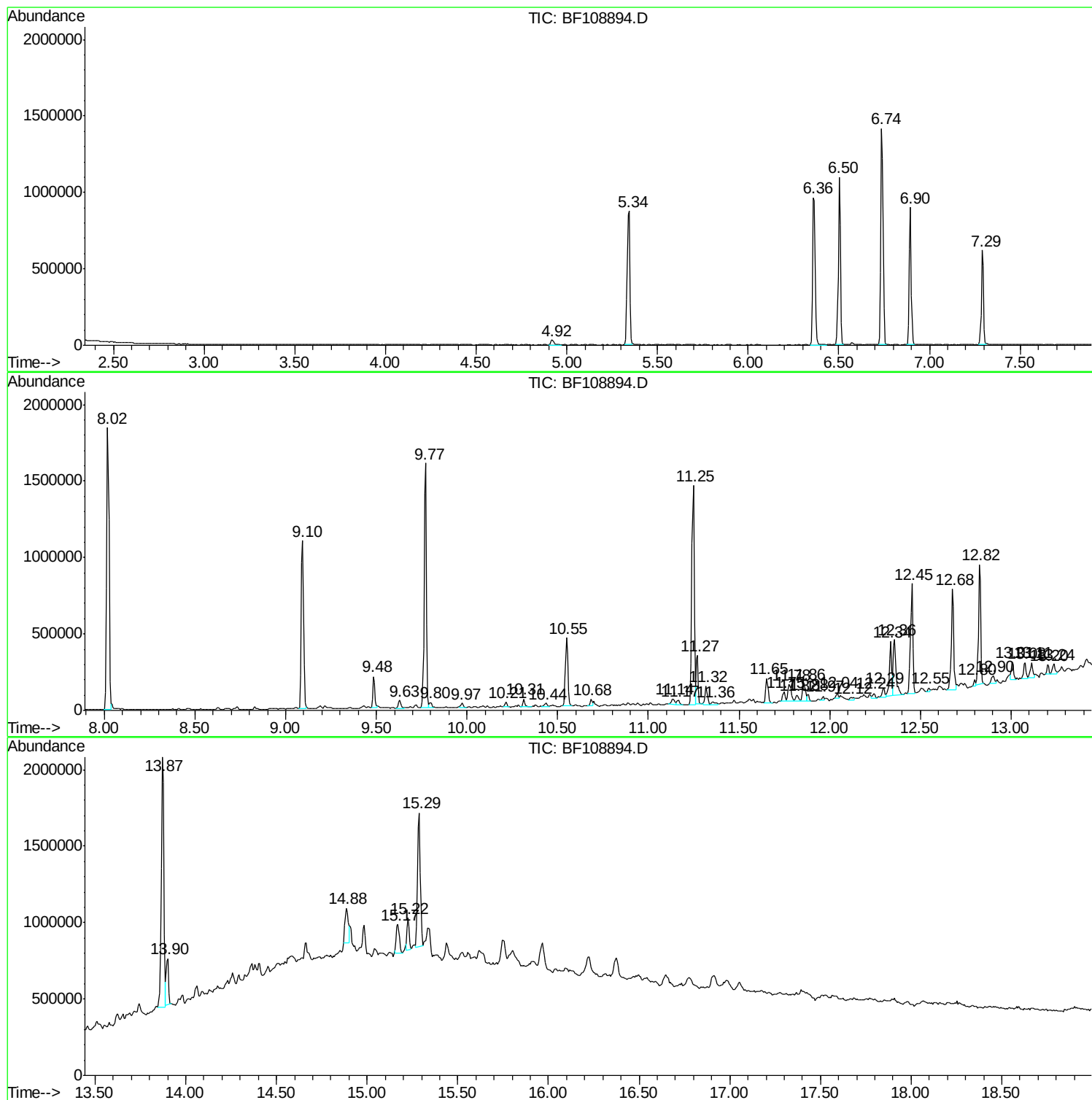
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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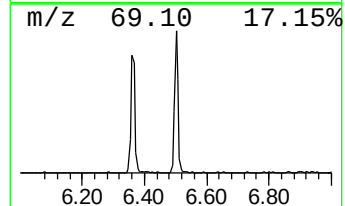
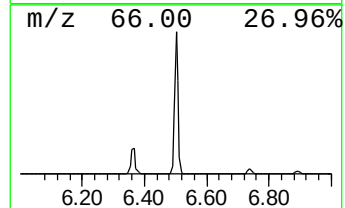
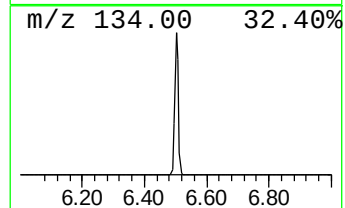
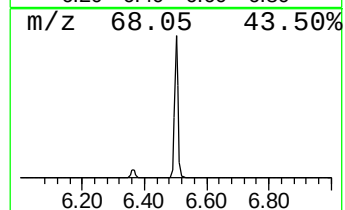
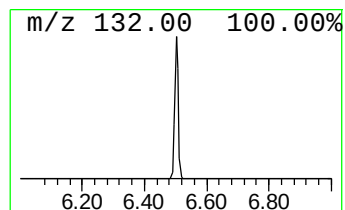
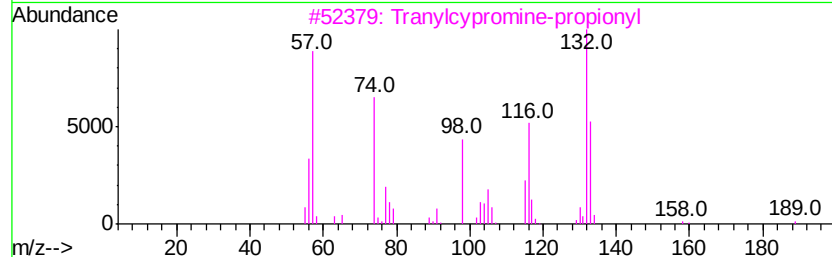
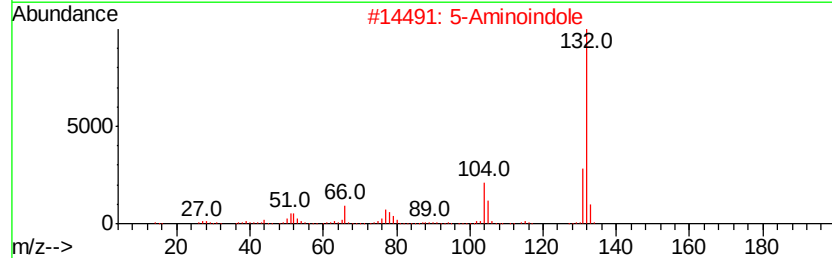
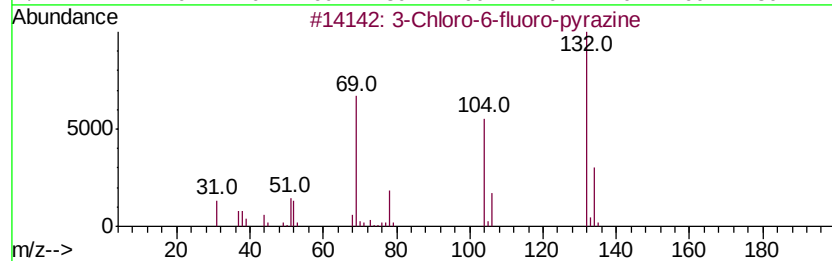
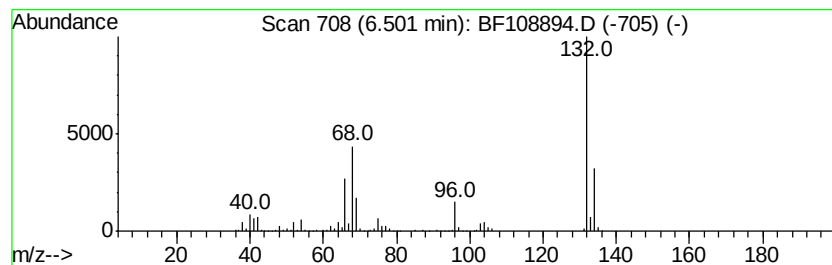
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	14.90 ng	895286	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	



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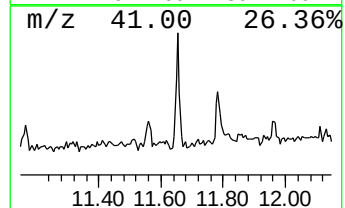
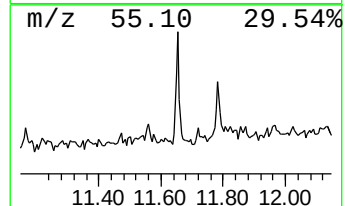
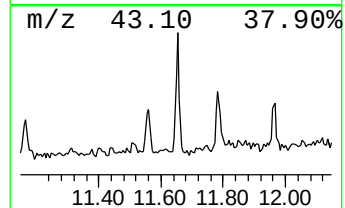
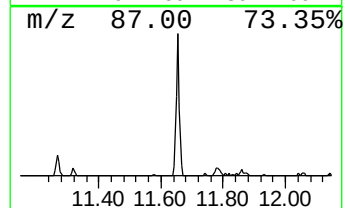
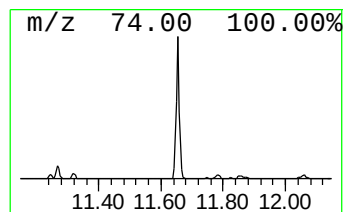
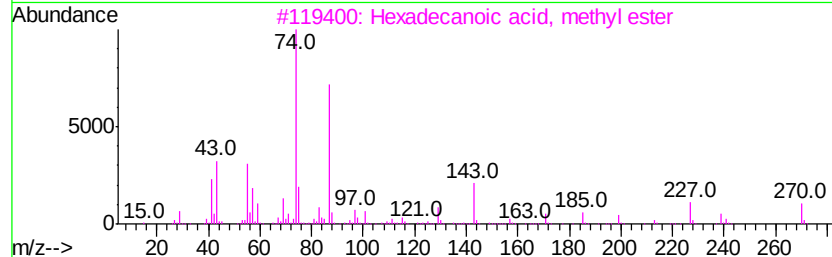
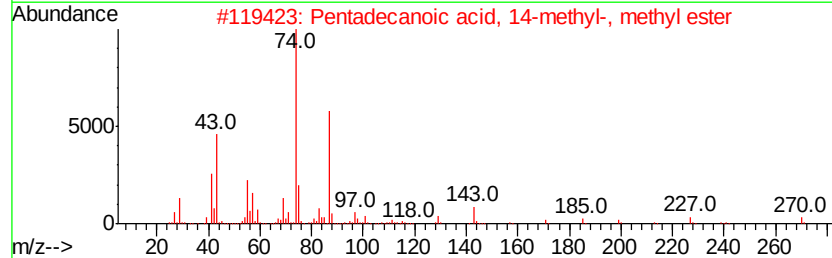
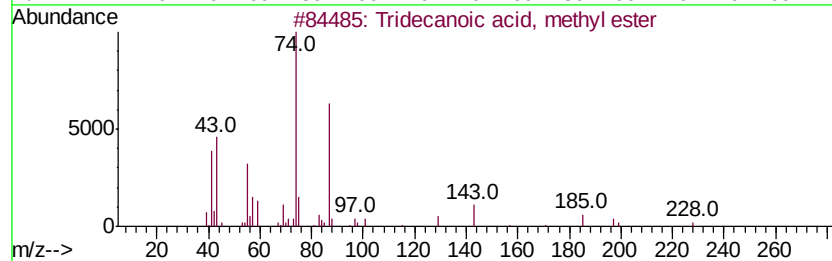
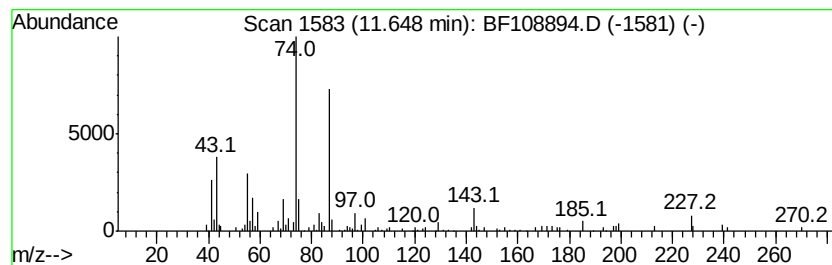
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.65	2.19 ng	132990	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	74
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72



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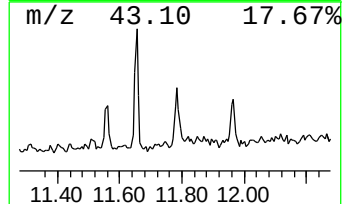
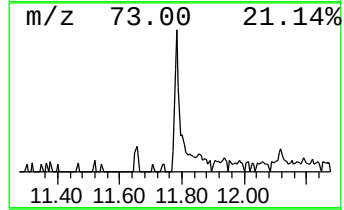
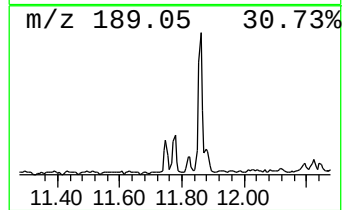
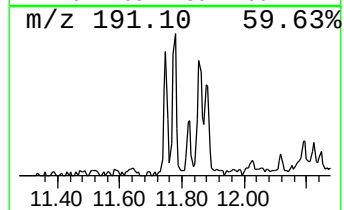
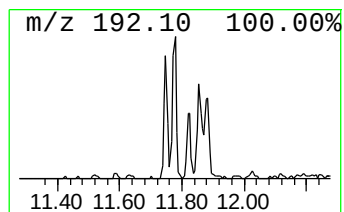
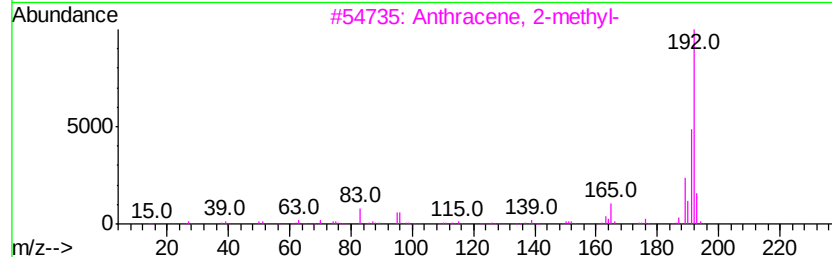
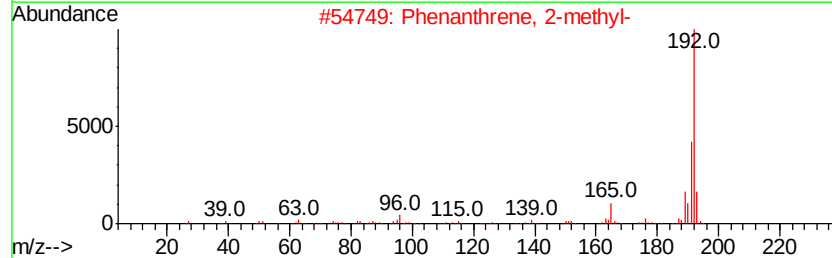
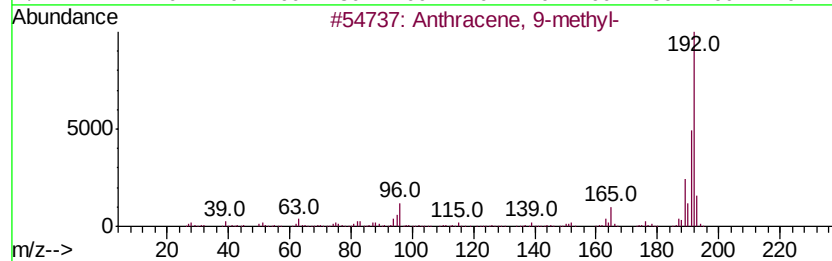
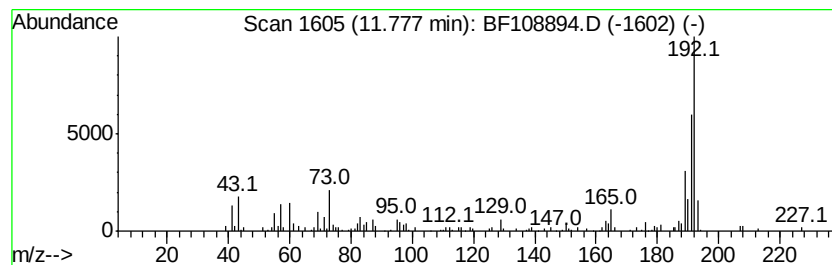
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.07 ng	125656	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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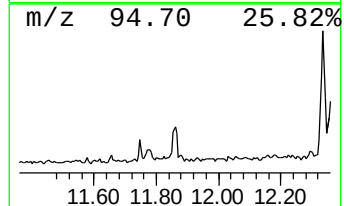
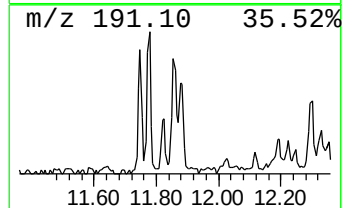
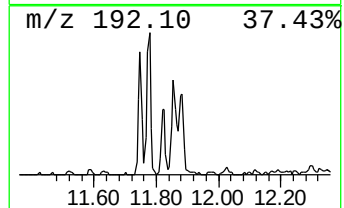
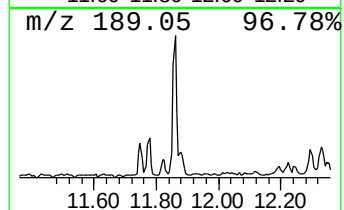
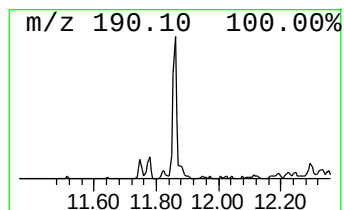
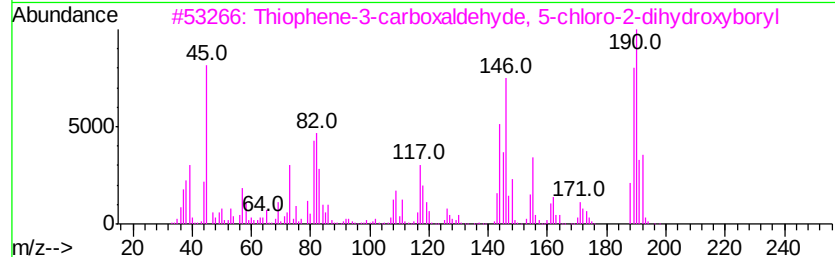
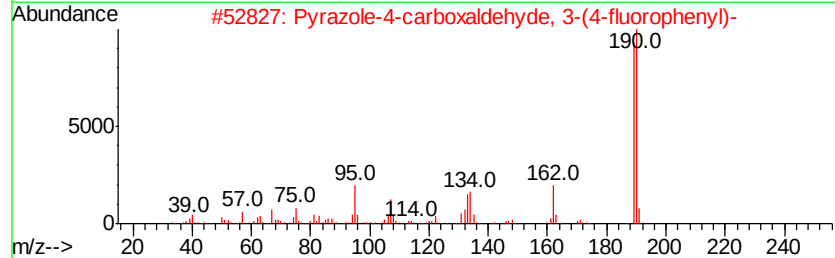
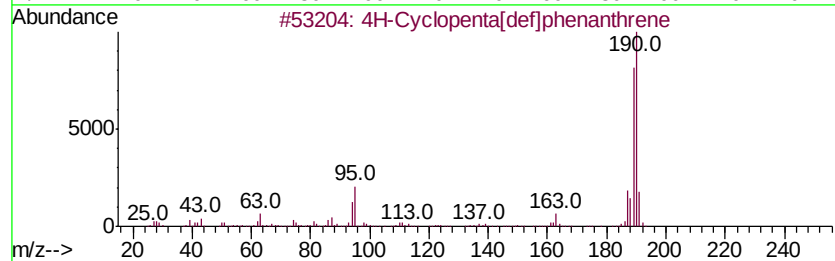
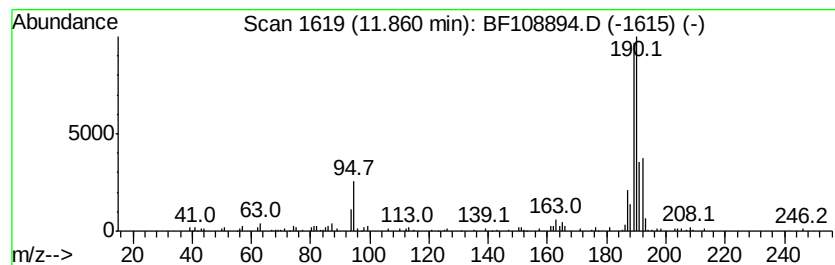
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	2.11 ng	127789	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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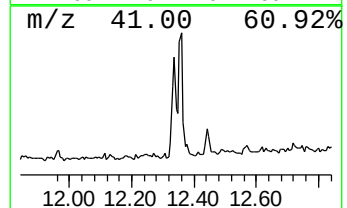
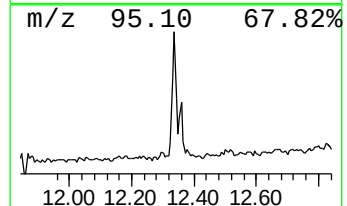
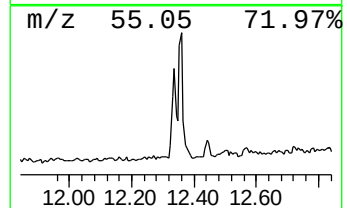
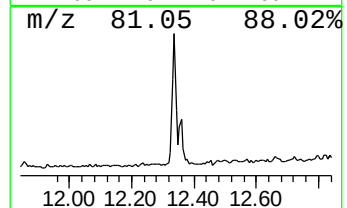
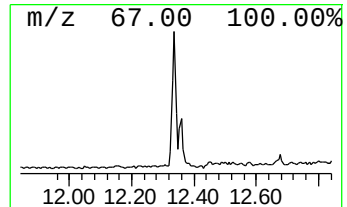
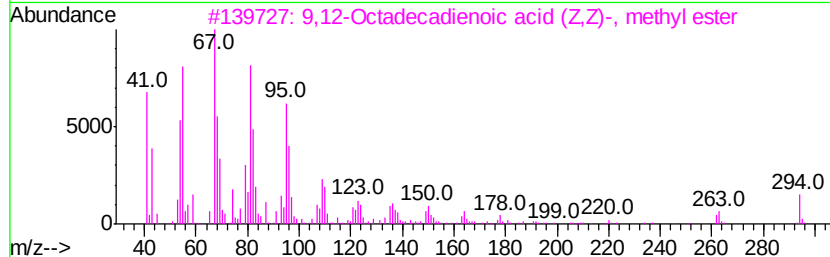
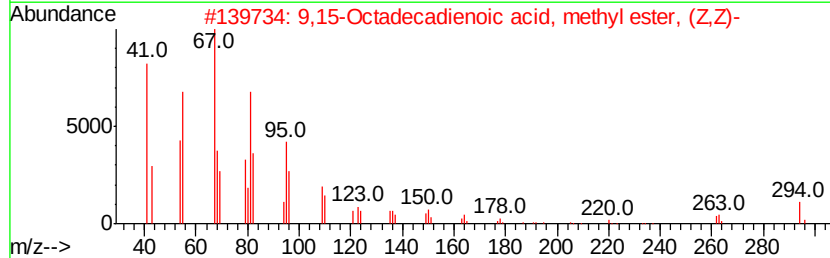
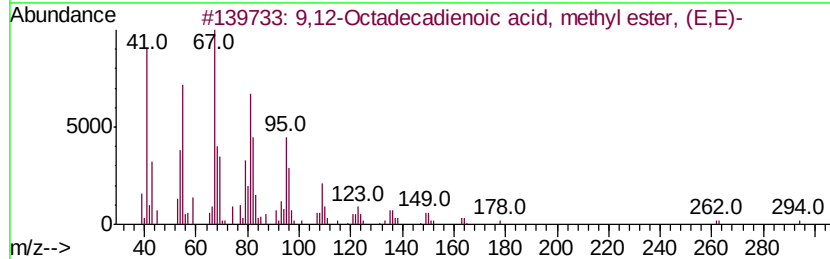
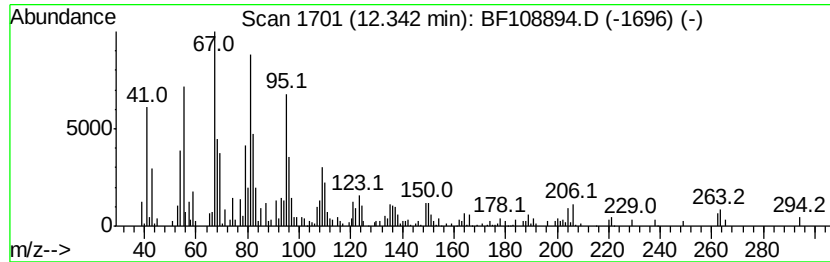
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BNA_F
ClientSampleId :
PL-05-090718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.34	5.66 ng	342960	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108894.D
Acq On : 10 Sep 2018 15:50
Operator : JU/SJ
Sample : J4777-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

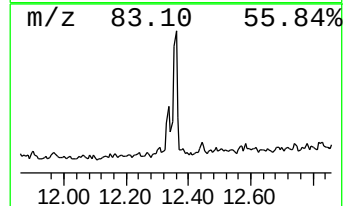
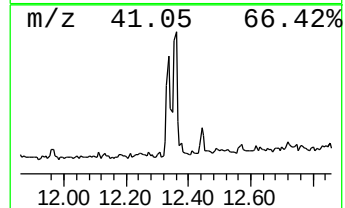
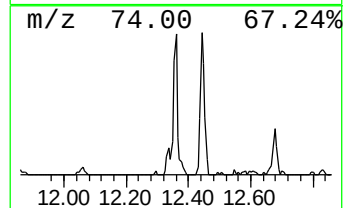
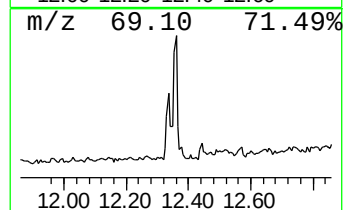
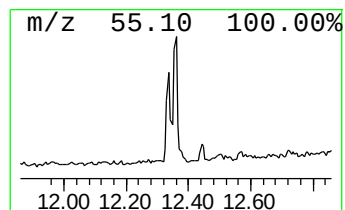
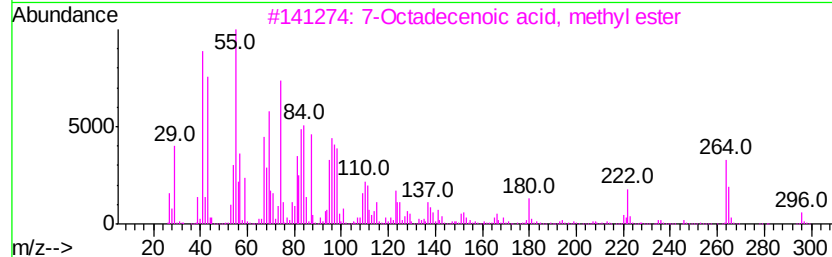
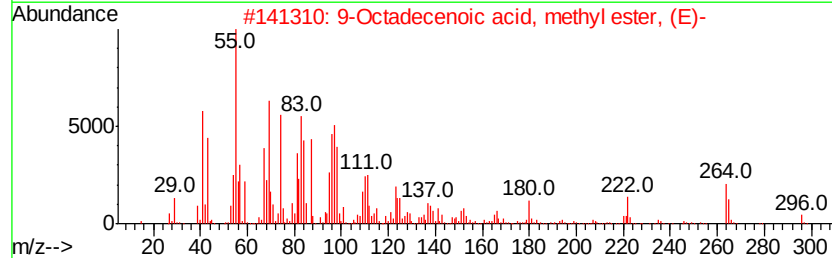
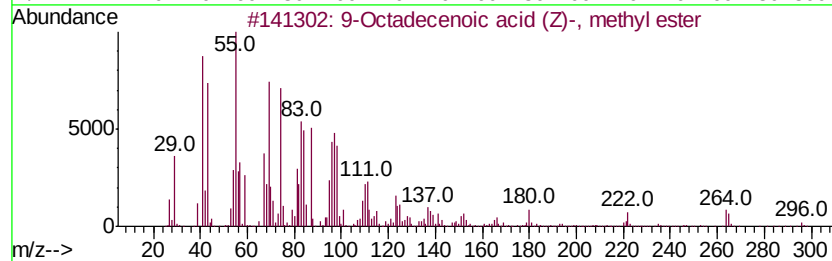
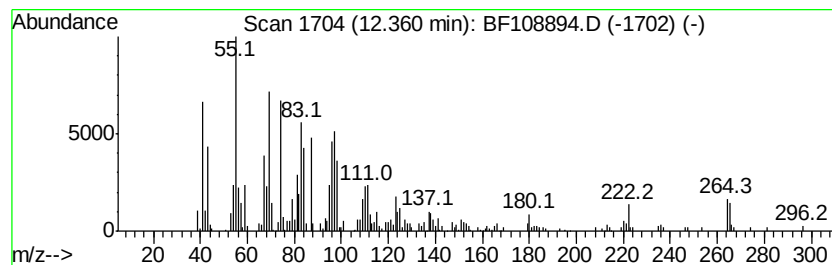
Instrument :
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ClientSampleId :
PL-05-090718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.36	5.74 ng	348000	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108894.D
Acq On : 10 Sep 2018 15:50
Operator : JU/SJ
Sample : J4777-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-A

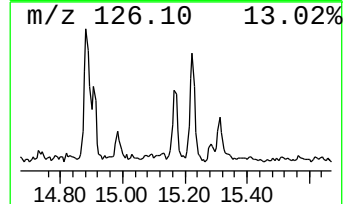
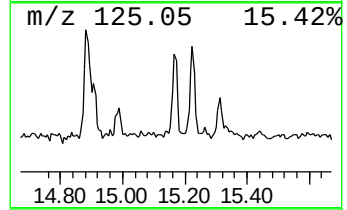
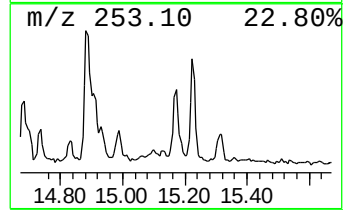
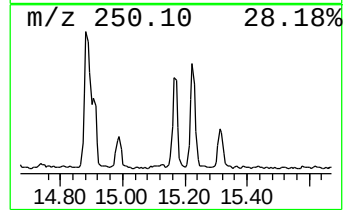
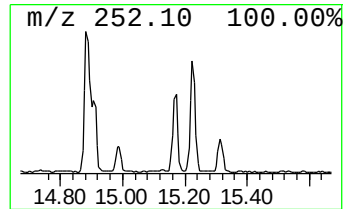
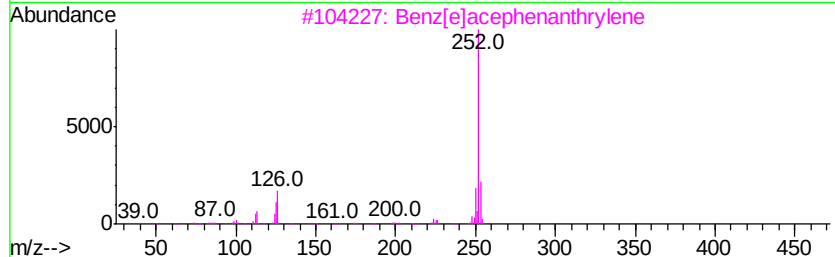
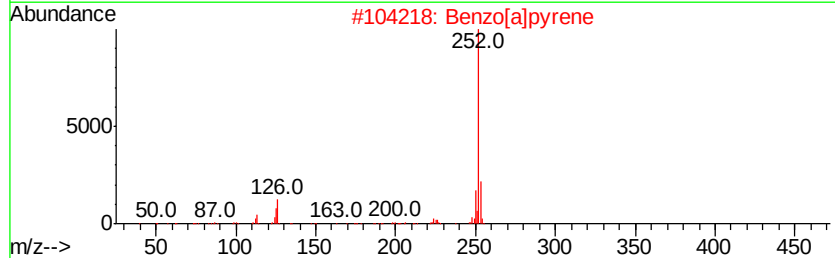
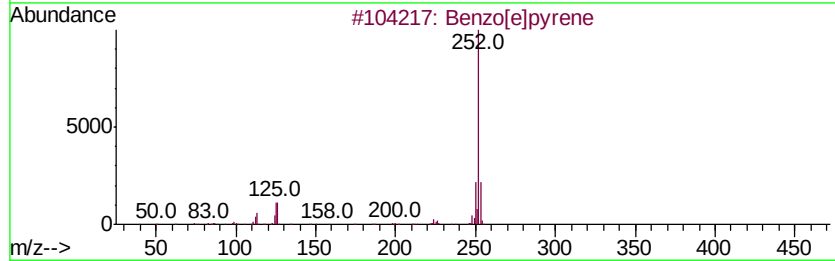
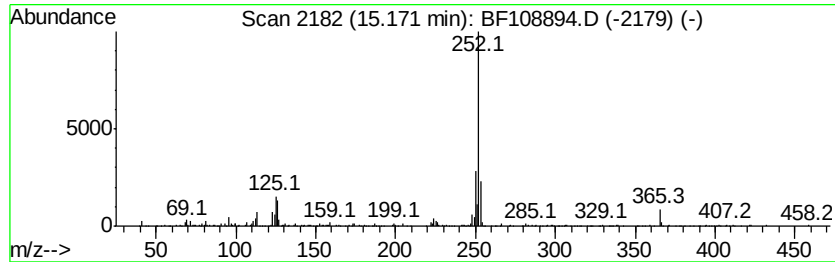
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.26 ng	209039	Perylene-d12	15.29

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[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[i]lfluoranthene	252	C20H12	000205-82-3	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
Data File : BF108894.D
Acq On : 10 Sep 2018 15:50
Operator : JU/SJ
Sample : J4777-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	14.9	ng	895286	1	6.74	1201900	20.0
Tridecanoic acid,...	11.65	2.2	ng	132990	4	11.25	1212300	20.0
Anthracene, 9-met...	11.78	2.1	ng	125656	4	11.25	1212300	20.0
4H-Cyclopenta[def...	11.86	2.1	ng	127789	4	11.25	1212300	20.0
9,12-Octadecadien...	12.34	5.7	ng	342960	4	11.25	1212300	20.0
9-Octadecenoic ac...	12.36	5.7	ng	348000	4	11.25	1212300	20.0
Benzo[e]pyrene	15.17	4.3	ng	209039	6	15.29	980549	20.0