

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108867.D
 Acq On : 7 Sep 2018 18:13
 Operator : JU/SJ
 Sample : J4825-18MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MS

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	4.431	352	356	361	rVB	91541	103983	1.73%	0.165%
2	4.942	439	443	454	rVB	179603	237039	3.95%	0.376%
3	5.354	507	513	516	rBV	4786384	5175620	86.23%	8.215%
4	6.378	681	687	690	rBV	4953754	5377587	89.59%	8.536%
5	6.507	704	709	712	rBV	5225354	5405545	90.06%	8.580%
6	6.566	717	719	722	rBV	93875	84429	1.41%	0.134%
7	6.737	745	748	752	rBV	1666428	1289898	21.49%	2.047%
8	6.895	771	775	778	rBV	4858945	4190397	69.81%	6.651%
9	7.295	838	843	846	rBV	3314316	3539633	58.97%	5.619%
10	8.019	962	966	969	rBV	2040128	1628518	27.13%	2.585%
11	9.095	1144	1149	1152	rBV	6583477	6002372	100.00%	9.528%
12	9.483	1212	1215	1218	rBV	1438210	1186279	19.76%	1.883%
13	9.766	1258	1263	1266	rBV	1963453	1699530	28.31%	2.698%
14	9.801	1266	1269	1272	rVB	139684	124997	2.08%	0.198%
15	9.972	1294	1298	1301	rVB	89290	79654	1.33%	0.126%
16	10.307	1353	1355	1358	rBV	139188	125038	2.08%	0.198%
17	10.472	1380	1383	1388	rVB2	56960	70425	1.17%	0.112%
18	10.554	1392	1397	1400	rBV	3088194	3043430	50.70%	4.831%
19	10.648	1410	1413	1415	rBV	110498	89867	1.50%	0.143%
20	10.854	1442	1448	1451	rBV3	51715	83655	1.39%	0.133%
21	11.048	1478	1481	1486	rVB	75086	73632	1.23%	0.117%
22	11.136	1493	1496	1499	rVB	87152	73532	1.23%	0.117%
23	11.242	1511	1514	1516	rBV	1581588	1373782	22.89%	2.181%
24	11.266	1516	1518	1521	rVV	1535849	1305364	21.75%	2.072%
25	11.319	1521	1527	1530	rVB	417719	353611	5.89%	0.561%
26	11.472	1547	1553	1556	rBV2	91972	120010	2.00%	0.190%
27	11.742	1596	1599	1602	rBV	250419	232526	3.87%	0.369%
28	11.771	1602	1604	1609	rVV2	386700	496259	8.27%	0.788%
29	11.819	1609	1612	1615	rVV2	160185	148631	2.48%	0.236%
30	11.854	1615	1618	1620	rVV	397479	397608	6.62%	0.631%
31	11.877	1620	1622	1626	rVB	206488	172212	2.87%	0.273%
32	12.036	1647	1649	1651	rBV	140835	129843	2.16%	0.206%
33	12.054	1651	1652	1660	rVB2	113045	112805	1.88%	0.179%
34	12.295	1689	1693	1696	rBV	157020	179313	2.99%	0.285%

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 Sampling : 1
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35	12.330	1696	1699	1701	rVV2	90633	97576	1.63%	0.155%
36	12.371	1704	1706	1712	rVB3	111413	148439	2.47%	0.236%
37	12.454	1716	1720	1723	rBV	1719804	1528769	25.47%	2.427%
38	12.501	1726	1728	1734	rBV5	45427	80882	1.35%	0.128%
39	12.566	1737	1739	1743	rBV4	70271	113641	1.89%	0.180%
40	12.677	1753	1758	1761	rBV	1731524	1698425	28.30%	2.696%
41	12.795	1776	1778	1780	rBV	80729	66598	1.11%	0.106%
42	12.830	1780	1784	1787	rVV	4437251	3962209	66.01%	6.289%
43	12.901	1793	1796	1798	rBV	91592	96054	1.60%	0.152%
44	12.983	1808	1810	1811	rBV	89107	78673	1.31%	0.125%
45	13.007	1812	1814	1817	rVB	221000	187504	3.12%	0.298%
46	13.071	1823	1825	1828	rVB	178573	136071	2.27%	0.216%
47	13.107	1828	1831	1834	rBV	224514	218694	3.64%	0.347%
48	13.201	1844	1847	1850	rBV	142066	119688	1.99%	0.190%
49	13.230	1850	1852	1856	rBV	142752	120297	2.00%	0.191%
50	13.507	1896	1899	1904	rBV	159207	172500	2.87%	0.274%
51	13.618	1915	1918	1921	rBV2	157865	188601	3.14%	0.299%
52	13.648	1921	1923	1925	rVV	163883	127282	2.12%	0.202%
53	13.671	1925	1927	1928	rVV	104057	78965	1.32%	0.125%
54	13.713	1932	1934	1936	rVV	138183	125219	2.09%	0.199%
55	13.736	1936	1938	1944	rVB	422033	447934	7.46%	0.711%
56	13.871	1956	1961	1963	rBV2	1813999	2386253	39.76%	3.788%
57	13.895	1963	1965	1968	rVB	898452	712340	11.87%	1.131%
58	14.254	2024	2026	2029	rVB	199358	186771	3.11%	0.296%
59	14.630	2087	2090	2093	rBV2	268830	269935	4.50%	0.428%
60	14.883	2129	2133	2136	rBV	777521	1180069	19.66%	1.873%
61	14.977	2147	2149	2152	rVB	234359	216378	3.60%	0.343%
62	15.165	2177	2181	2186	rVB	474613	626040	10.43%	0.994%
63	15.218	2187	2190	2195	rBV	687128	756539	12.60%	1.201%
64	15.283	2196	2201	2204	rBV	1027835	1292782	21.54%	2.052%
65	16.630	2427	2430	2438	rVB2	278457	488531	8.14%	0.775%
66	17.042	2496	2500	2508	rVB	203792	382822	6.38%	0.608%

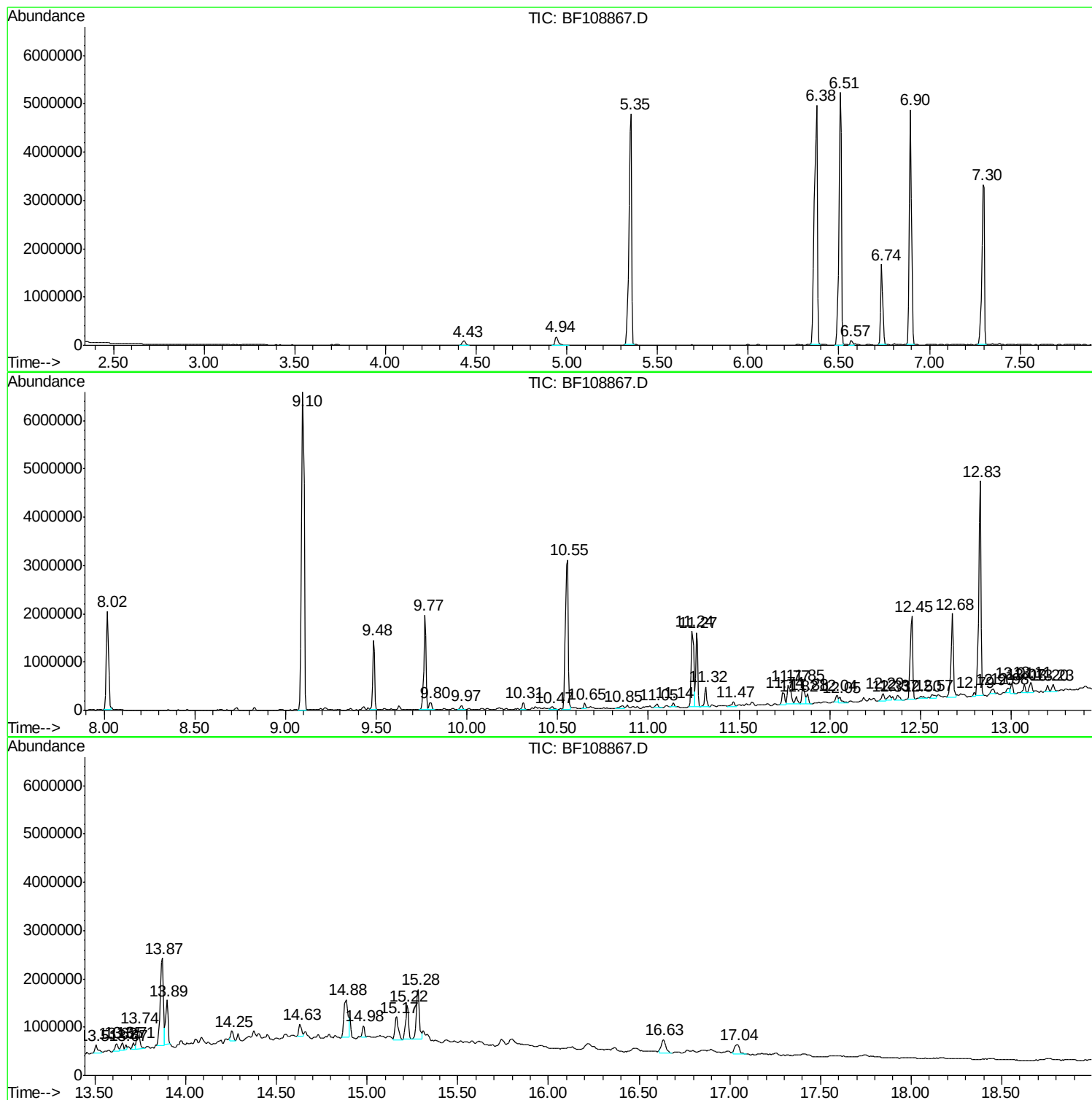
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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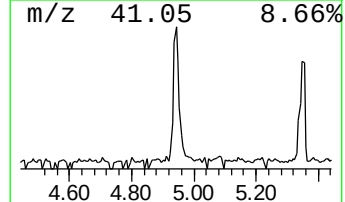
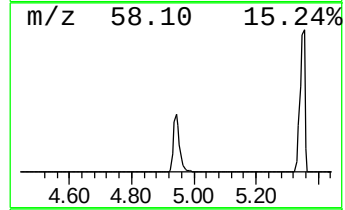
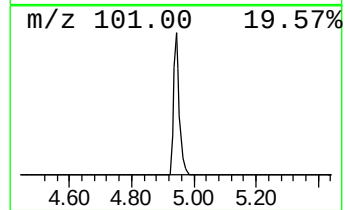
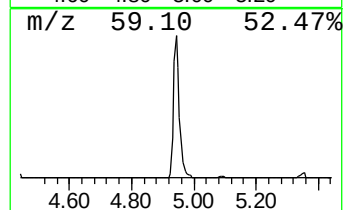
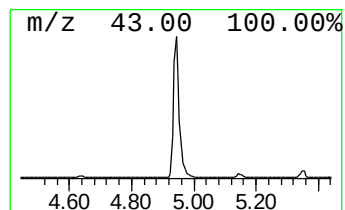
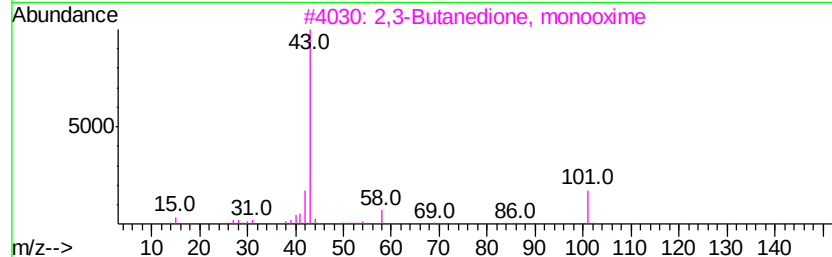
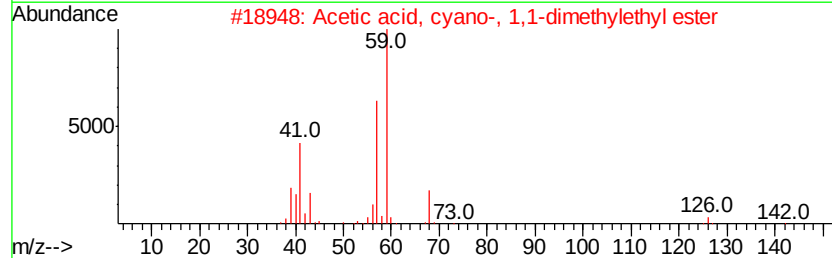
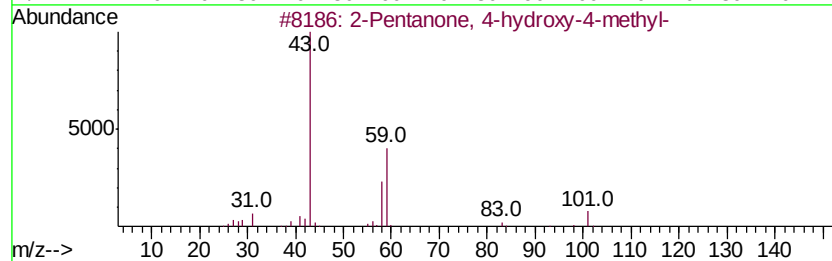
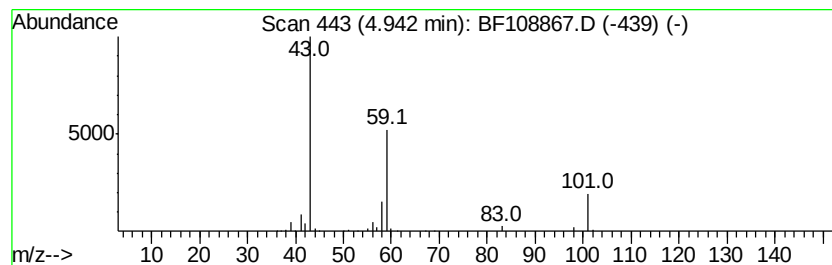
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	3.68 ng	237039	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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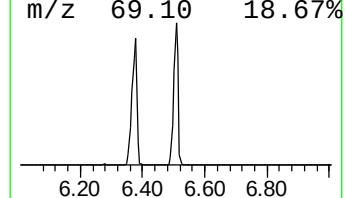
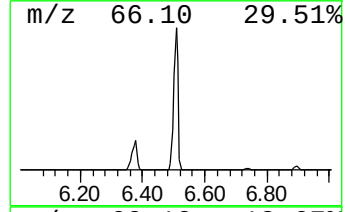
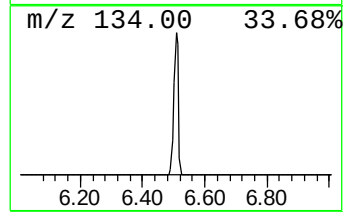
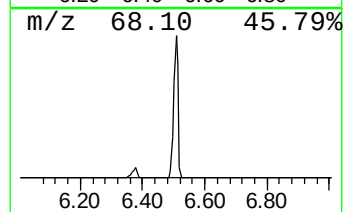
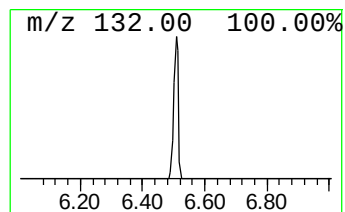
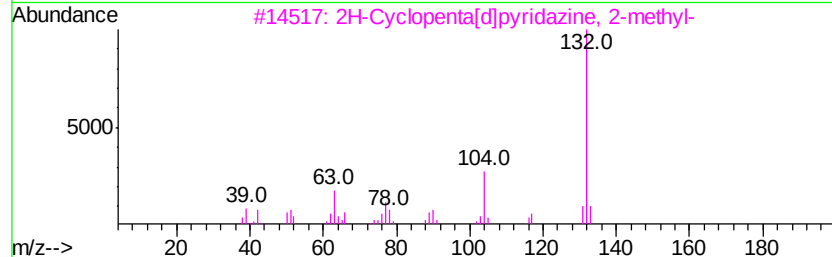
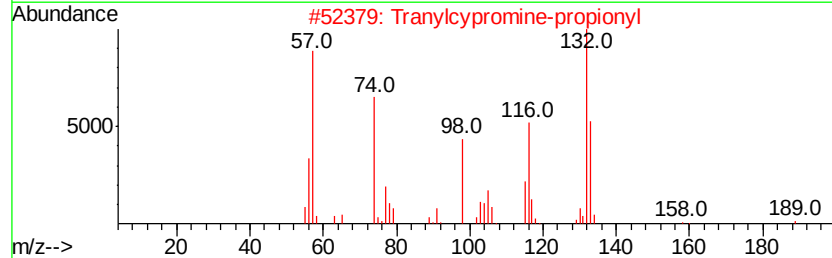
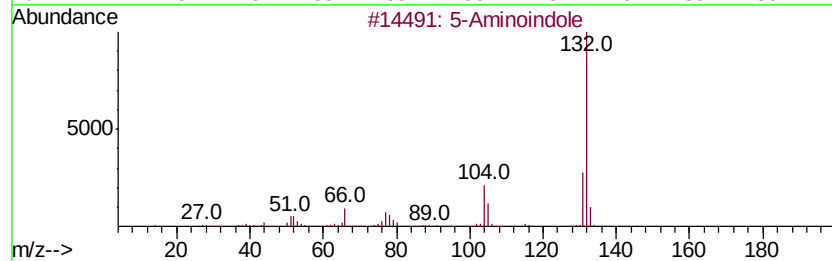
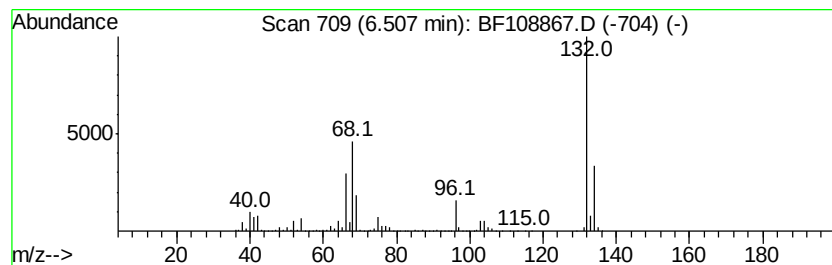
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	83.81 ng	5405550	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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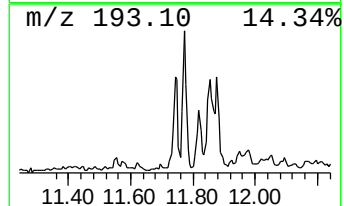
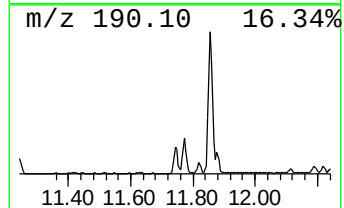
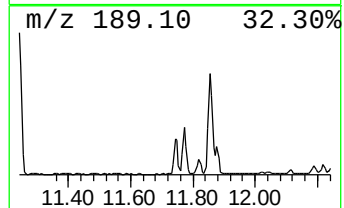
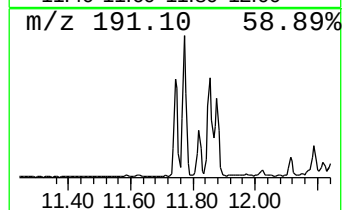
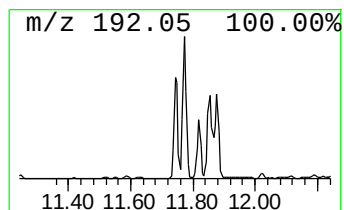
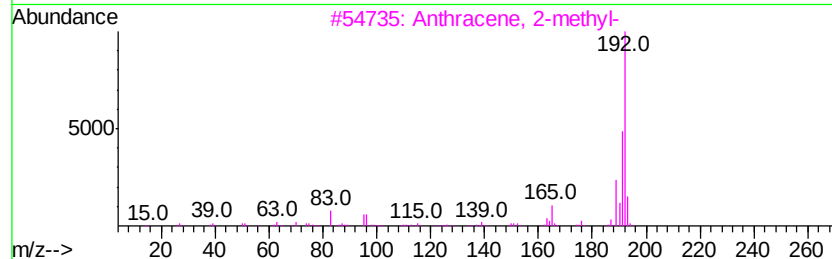
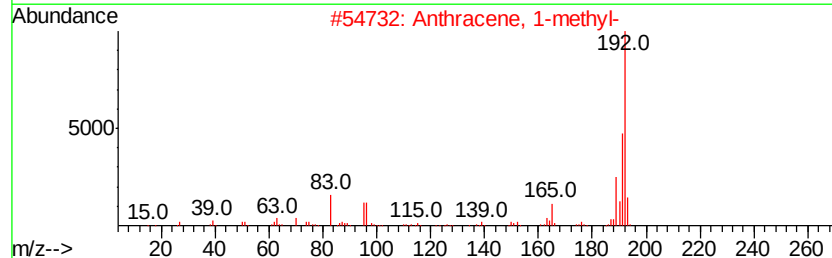
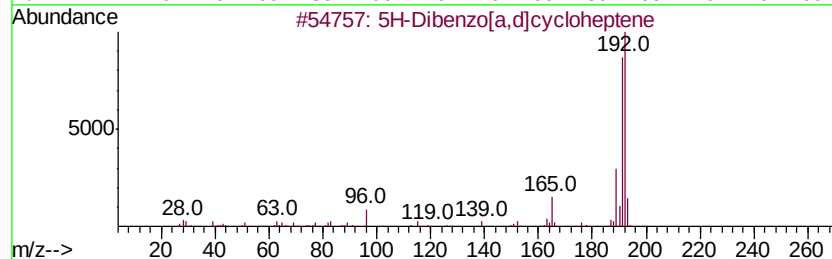
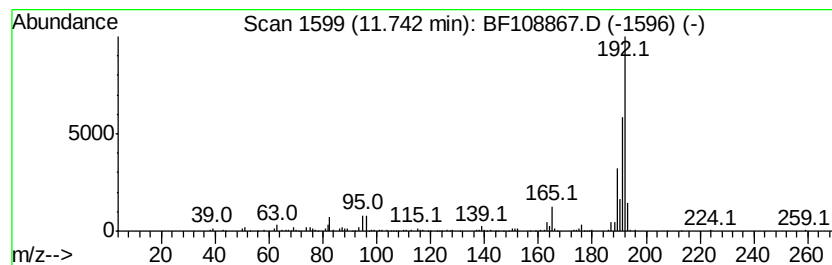
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.39 ng	232526	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	87



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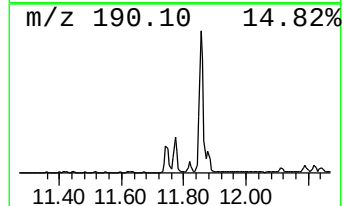
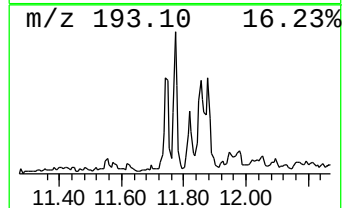
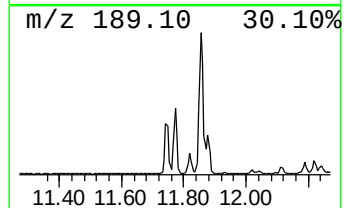
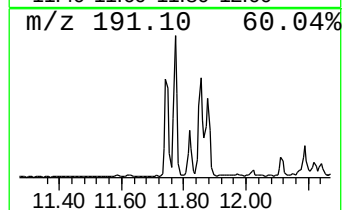
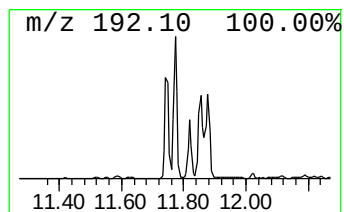
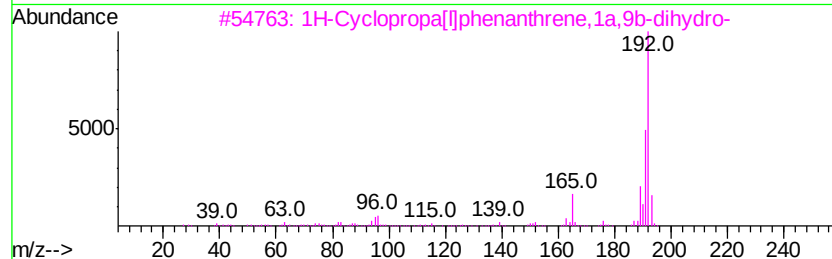
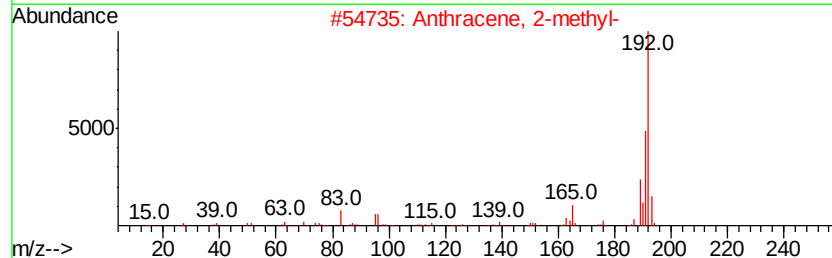
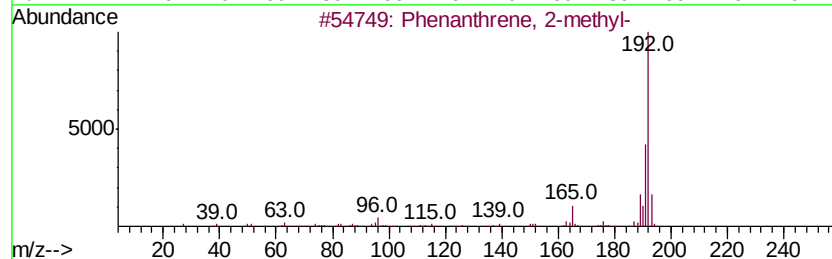
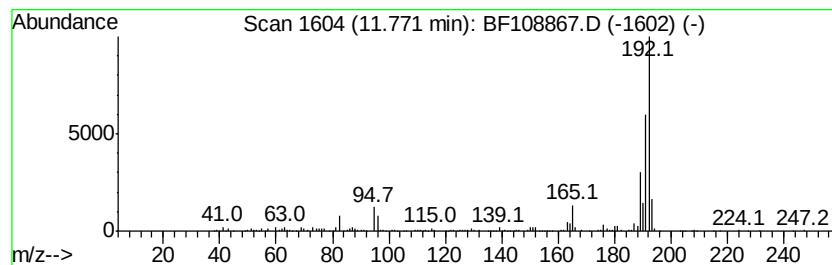
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	7.22 ng	496259	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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Misc :
ALS Vial : 18 Sample Multiplier: 1

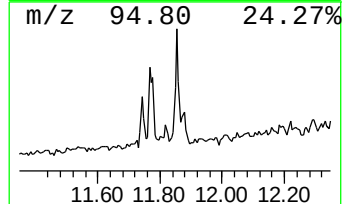
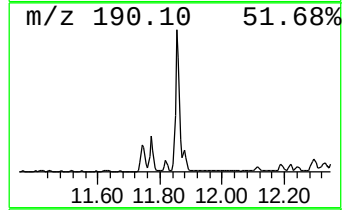
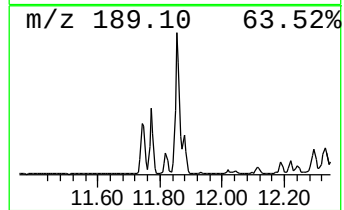
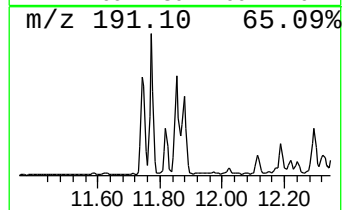
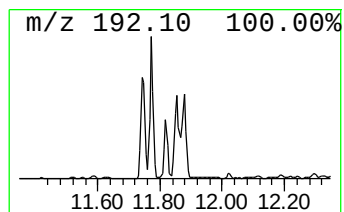
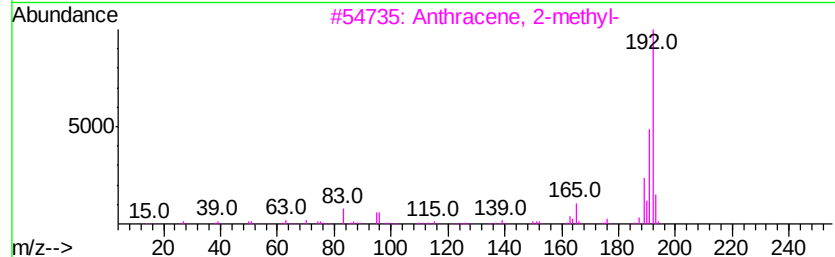
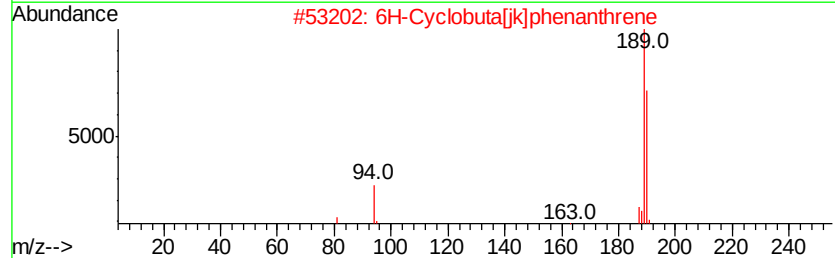
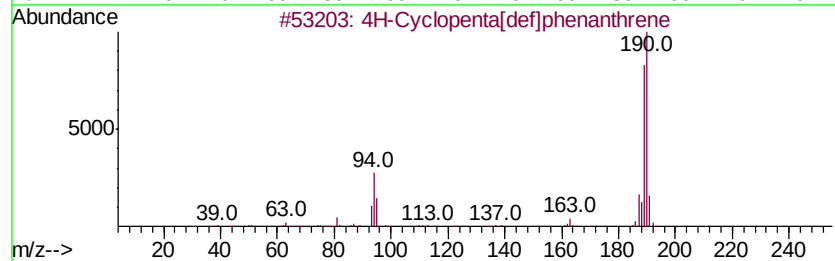
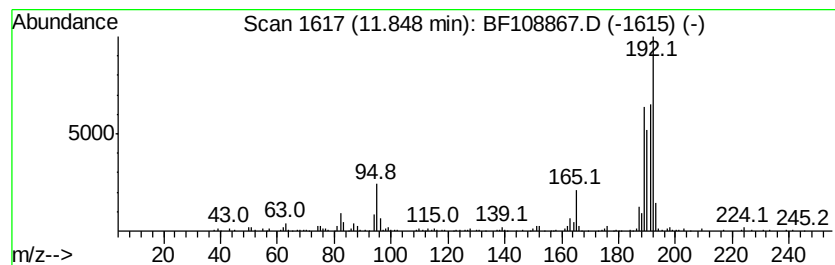
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ClientSampleId :
EP1-WS-COMP-18MS

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 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	5.79 ng	397608	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

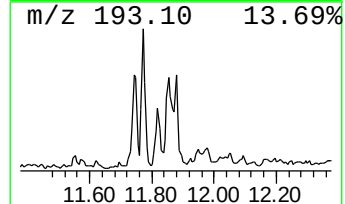
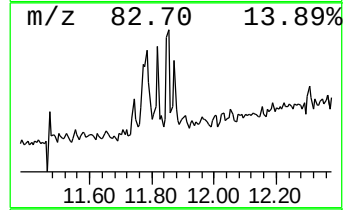
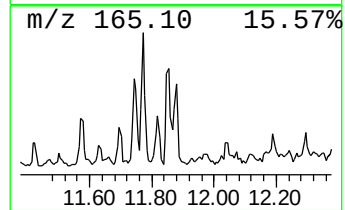
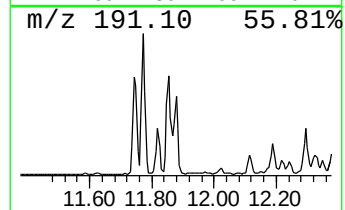
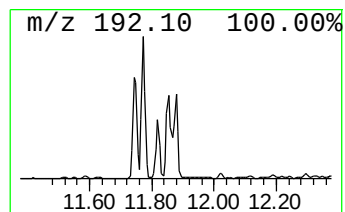
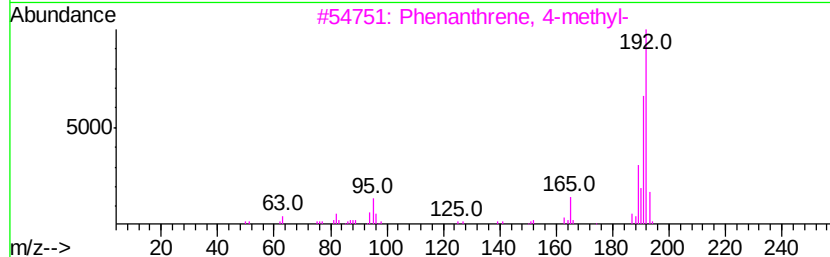
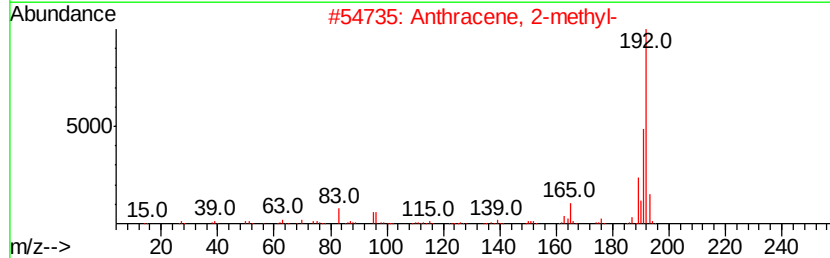
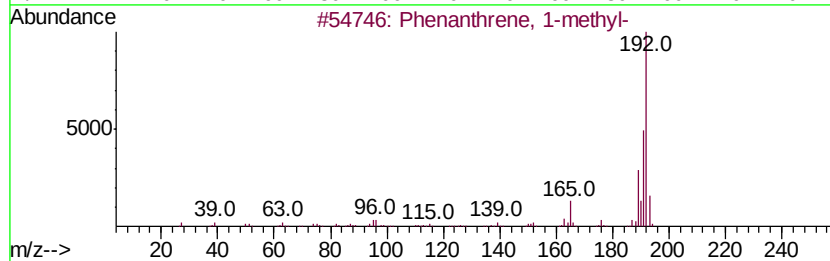
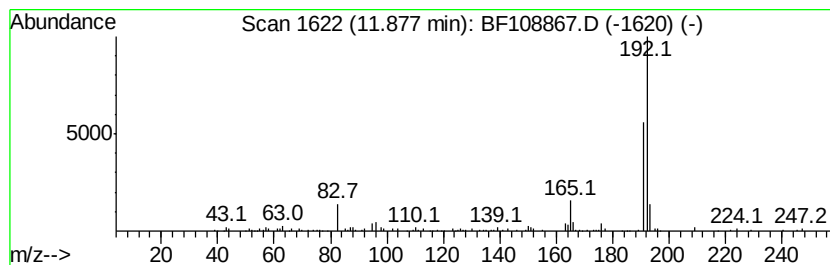
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ClientSampleId :
EP1-WS-COMP-18MS

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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 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	2.51 ng	172212	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
Operator : JU/SJ
Sample : J4825-18MS
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ALS Vial : 18 Sample Multiplier: 1

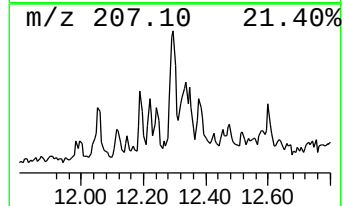
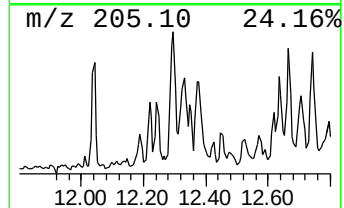
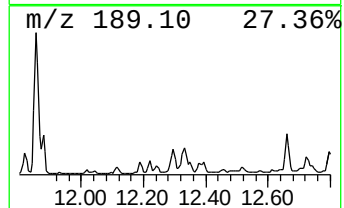
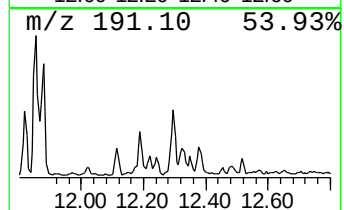
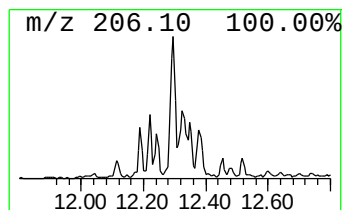
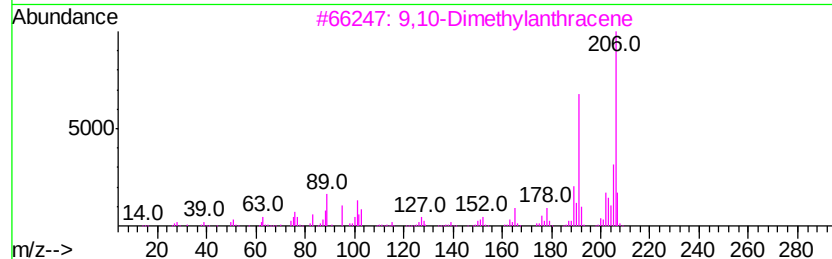
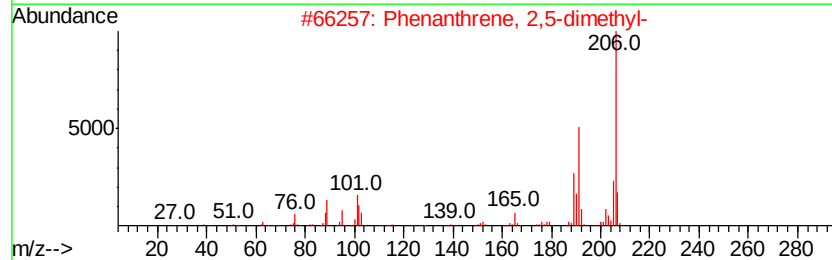
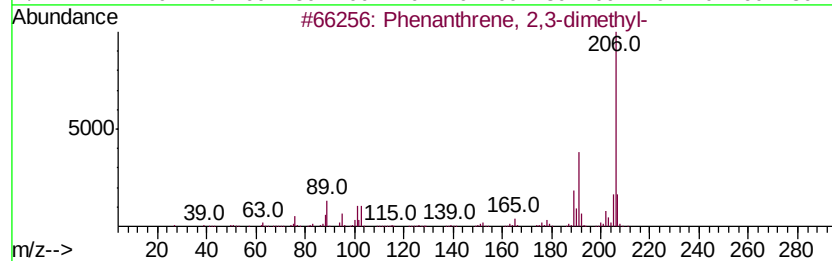
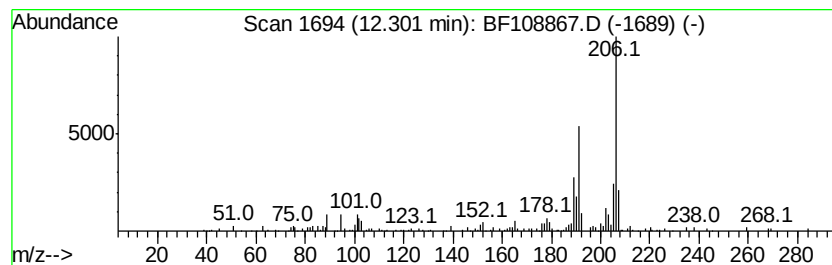
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ClientSampleId :
EP1-WS-COMP-18MS

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 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.30	2.61 ng	179313	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
EP1-WS-COMP-18MS

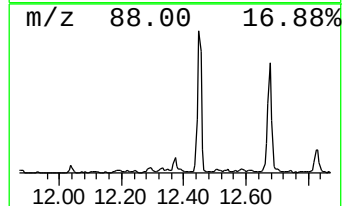
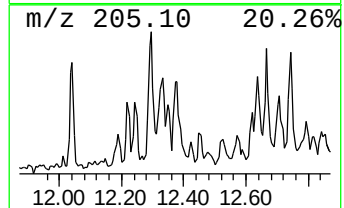
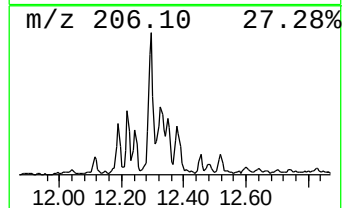
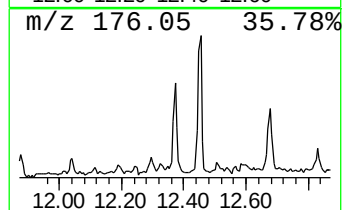
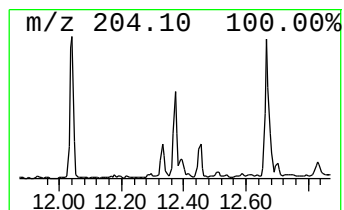
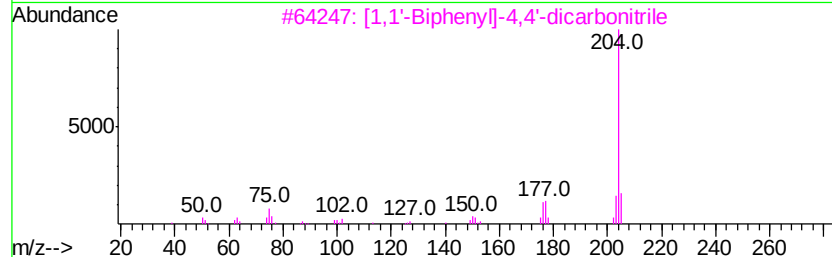
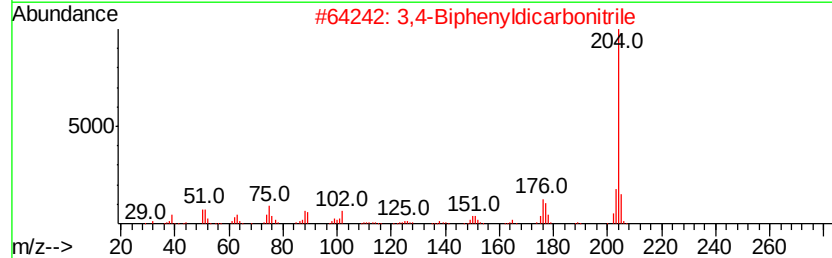
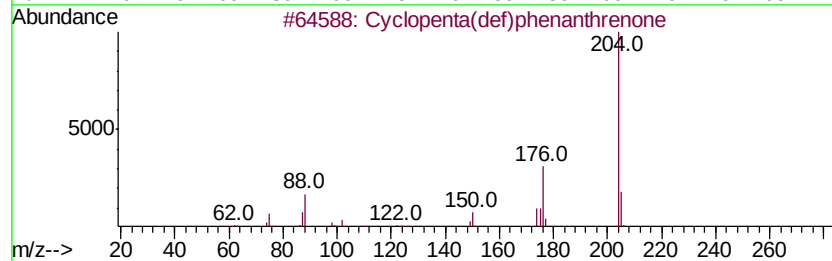
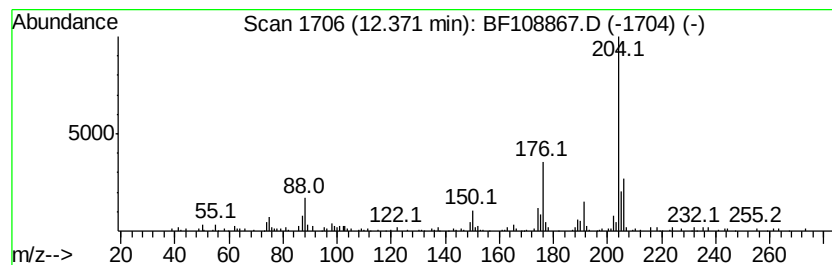
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.16 ng	148439	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108867.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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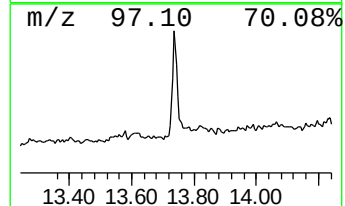
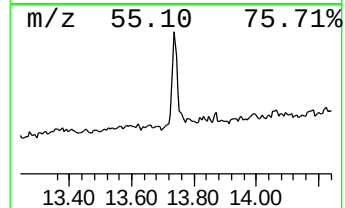
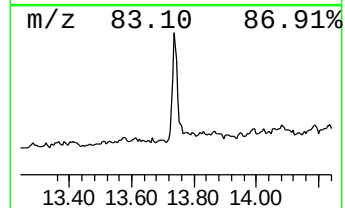
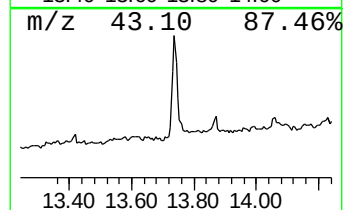
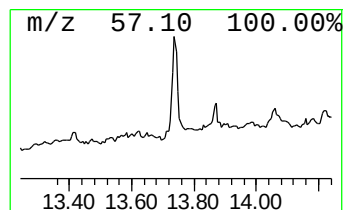
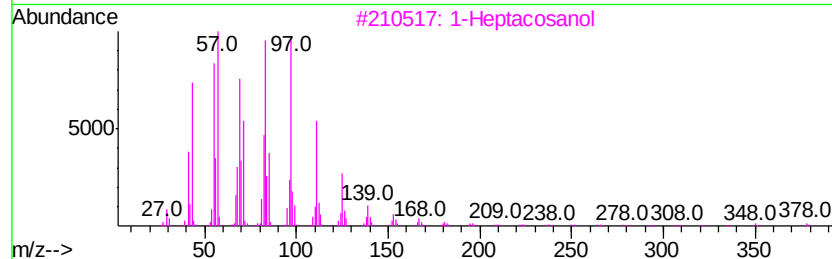
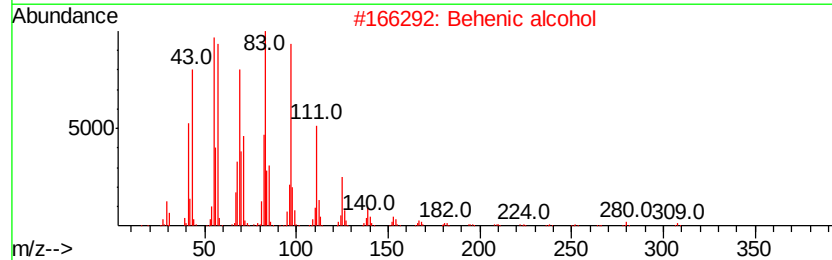
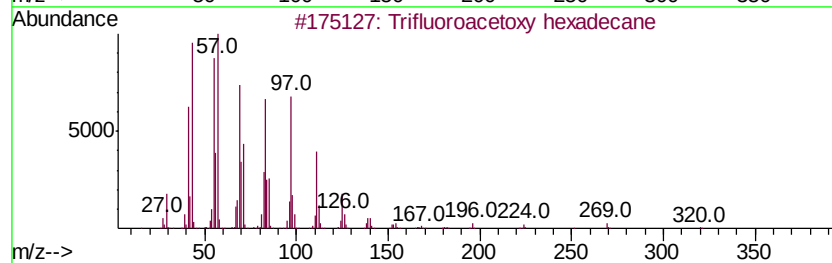
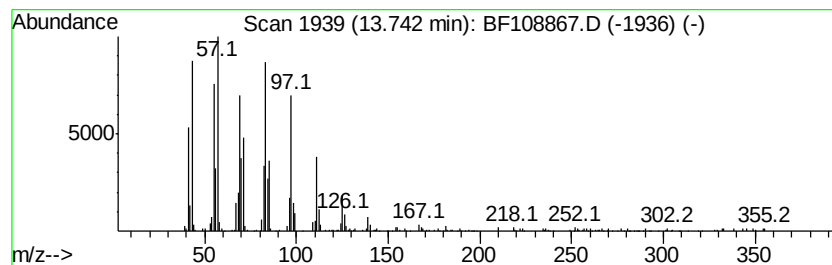
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Trifluoroacetoxy hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.75 ng	447934	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
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Sample : J4825-18MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-WS-COMP-18MS

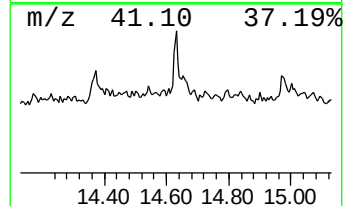
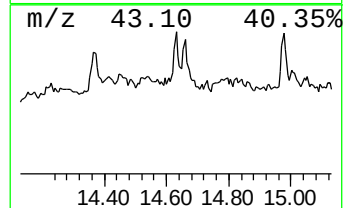
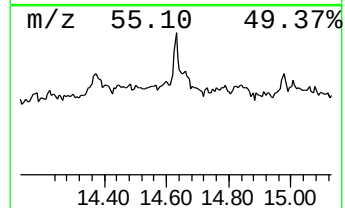
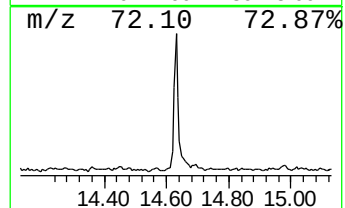
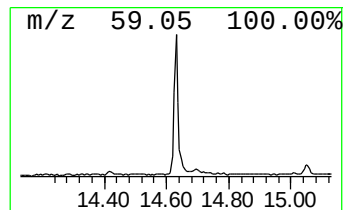
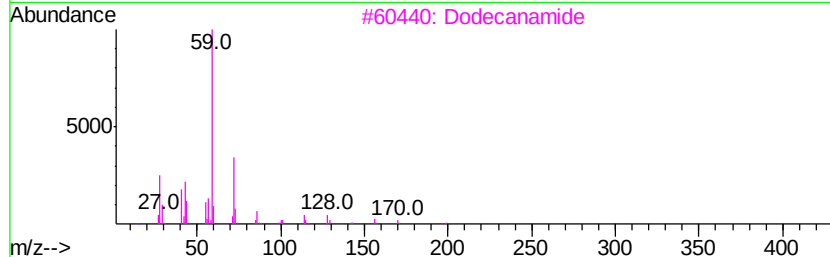
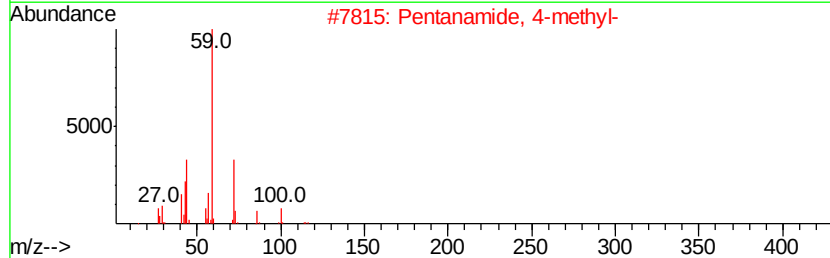
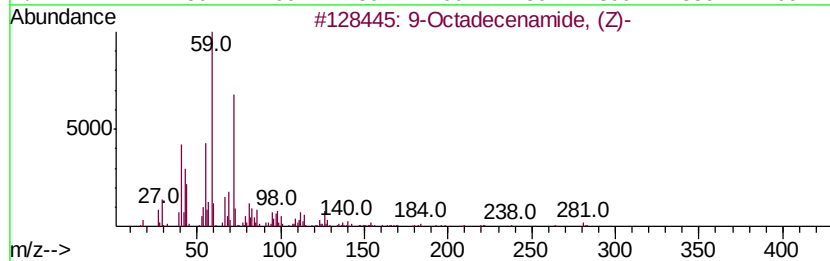
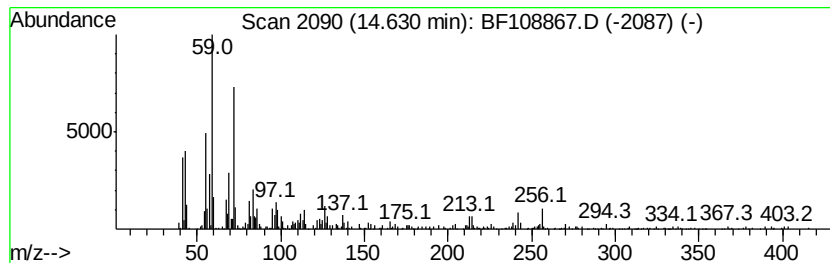
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	4.18 ng	269935	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	59
3		Dodecanamide	199	C12H25NO	001120-16-7	47
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	43
5		Butanamide	87	C4H9NO	000541-35-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Acq On : 7 Sep 2018 18:13
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ALS Vial : 18 Sample Multiplier: 1

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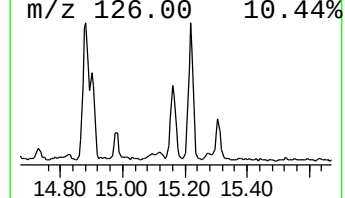
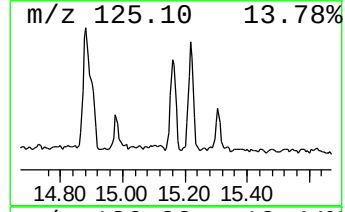
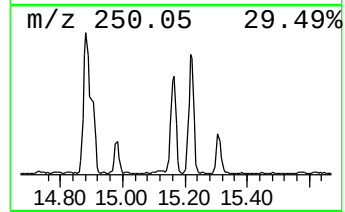
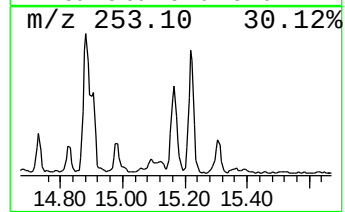
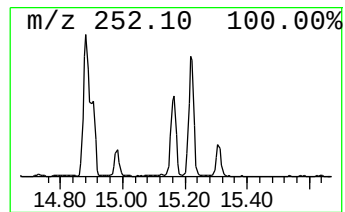
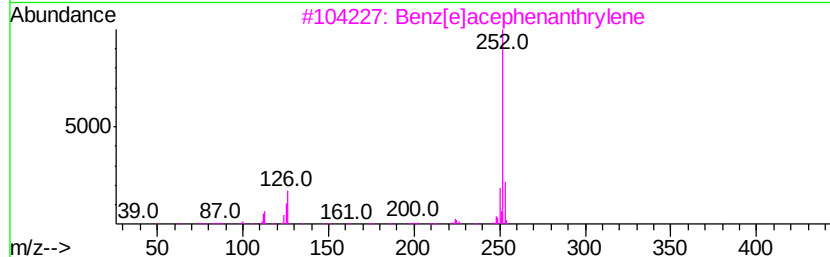
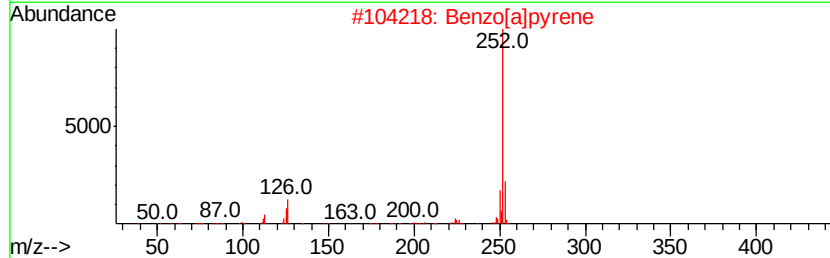
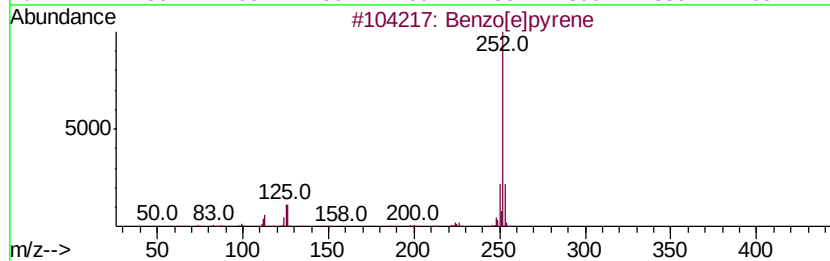
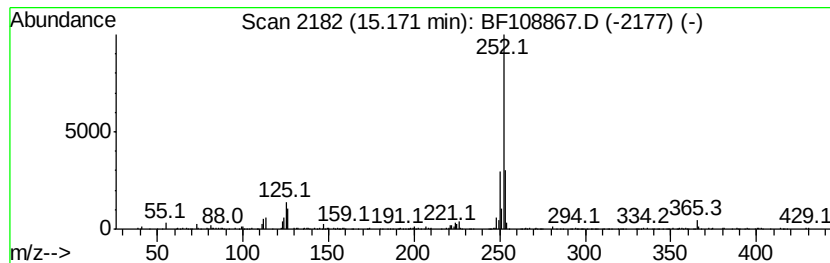
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	9.69 ng	626040	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4			Benzo[i]lfluoranthene	252	C20H12	000205-82-3	95
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\
Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

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
2-Pentanone, 4-hy...	4.94	3.7	ng	237039	1	6.74	1289900	20.0
unknown6.51	6.51	83.8	ng	5405550	1	6.74	1289900	20.0
5H-Dibenzo[a,d]cy...	11.74	3.4	ng	232526	4	11.24	1373780	20.0
Phenanthrene, 2-m...	11.77	7.2	ng	496259	4	11.24	1373780	20.0
4H-Cyclopenta[def...	11.85	5.8	ng	397608	4	11.24	1373780	20.0
Phenanthrene, 1-m...	11.88	2.5	ng	172212	4	11.24	1373780	20.0
Phenanthrene, 2,3...	12.30	2.6	ng	179313	4	11.24	1373780	20.0
Cyclopenta(def)ph...	12.37	2.2	ng	148439	4	11.24	1373780	20.0
Trifluoroacetoxy ...	13.74	3.8	ng	447934	5	13.87	2386250	20.0
9-Octadecenamide, ...	14.63	4.2	ng	269935	6	15.28	1292780	20.0
Benzo[e]pyrene	15.17	9.7	ng	626040	6	15.28	1292780	20.0