

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107243.D
 Acq On : 9 Jul 2018 21:41
 Operator : JU/SJ
 Sample : J3879-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-10

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-BF061918.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	5.184	480	484	493	rBV	68135	84649	10.49%	1.002%
2	5.595	550	554	572	rBV	627360	637265	78.94%	7.541%
3	6.595	721	724	735	rBV	600139	629145	77.94%	7.445%
4	6.725	743	746	750	rBV	654612	615267	76.22%	7.281%
5	6.760	750	752	762	rVB3	10083	11920	1.48%	0.141%
6	6.948	780	784	789	rBB	205451	171675	21.27%	2.031%
7	7.101	807	810	814	rBV	554784	493595	61.14%	5.841%
8	7.513	876	880	889	rBV	390069	351048	43.49%	4.154%
9	8.231	999	1002	1013	rBV	198734	201853	25.00%	2.389%
10	8.948	1121	1124	1128	rBB	15133	12173	1.51%	0.144%
11	9.301	1180	1184	1188	rBV	722025	645484	79.96%	7.638%
12	9.366	1192	1195	1200	rVB3	10266	10393	1.29%	0.123%
13	9.695	1245	1251	1257	rVB	126474	112328	13.91%	1.329%
14	9.854	1271	1278	1282	rBV	20214	22593	2.80%	0.267%
15	9.895	1282	1285	1289	rVB	11502	9982	1.24%	0.118%
16	9.989	1298	1301	1305	rVV	205346	195791	24.25%	2.317%
17	10.025	1305	1307	1310	rVB	14389	10788	1.34%	0.128%
18	10.201	1331	1337	1340	rBV2	11898	15009	1.86%	0.178%
19	10.395	1366	1370	1372	rBV3	16935	14774	1.83%	0.175%
20	10.542	1392	1395	1401	rVB3	14220	16601	2.06%	0.196%
21	10.613	1404	1407	1411	rVV3	7955	9363	1.16%	0.111%
22	10.789	1433	1437	1443	rBV	449466	420686	52.11%	4.978%
23	10.877	1448	1452	1455	rBV2	14385	20813	2.58%	0.246%
24	11.301	1520	1524	1525	rBV2	11443	11049	1.37%	0.131%
25	11.319	1525	1527	1530	rVV2	9051	10133	1.26%	0.120%
26	11.383	1535	1538	1541	rVB	10756	10380	1.29%	0.123%
27	11.489	1552	1556	1558	rBV	287477	239701	29.69%	2.836%
28	11.513	1558	1560	1564	rVB	186398	143065	17.72%	1.693%
29	11.566	1566	1569	1573	rBV	59882	49837	6.17%	0.590%
30	11.724	1592	1596	1598	rBV2	16791	16337	2.02%	0.193%
31	11.748	1598	1600	1603	rVB2	12078	10565	1.31%	0.125%
32	11.830	1610	1614	1618	rVB2	9221	10524	1.30%	0.125%
33	11.989	1638	1641	1644	rBV	30415	30030	3.72%	0.355%
34	12.019	1644	1646	1650	rVV	40227	38494	4.77%	0.456%

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35	12.072	1652	1655	1657	rVB	19115	16304	2.02%	0.193%
36	12.107	1657	1661	1663	rBV2	51507	57385	7.11%	0.679%
37	12.130	1663	1665	1667	rVB	23106	18400	2.28%	0.218%
38	12.283	1688	1691	1695	rBV	27546	25903	3.21%	0.307%
39	12.324	1695	1698	1701	rVB2	20222	16578	2.05%	0.196%
40	12.436	1712	1717	1719	rBV3	13843	19871	2.46%	0.235%
41	12.466	1720	1722	1725	rVV	12886	10008	1.24%	0.118%
42	12.542	1732	1735	1738	rBV	50258	48380	5.99%	0.572%
43	12.642	1747	1752	1760	rBV3	29859	48412	6.00%	0.573%
44	12.713	1760	1764	1767	rBV	381247	325759	40.35%	3.855%
45	12.766	1772	1773	1778	rVV2	9477	12578	1.56%	0.149%
46	12.807	1778	1780	1782	rBV	15090	10488	1.30%	0.124%
47	12.860	1787	1789	1791	rBV2	13617	12294	1.52%	0.145%
48	12.924	1796	1800	1801	rVV2	68016	74739	9.26%	0.884%
49	12.948	1801	1804	1809	rVV	310102	315434	39.07%	3.733%
50	12.989	1809	1811	1815	rVB2	29622	31075	3.85%	0.368%
51	13.071	1821	1825	1829	rBV	847220	807267	100.00%	9.553%
52	13.107	1829	1831	1835	rVB2	18999	21685	2.69%	0.257%
53	13.166	1835	1841	1844	rBV3	28306	57288	7.10%	0.678%
54	13.271	1852	1859	1862	rBV	60696	99854	12.37%	1.182%
55	13.336	1868	1870	1873	rBV	26189	20345	2.52%	0.241%
56	13.377	1875	1877	1884	rVB2	33420	44669	5.53%	0.529%
57	13.471	1890	1893	1895	rBV	32183	29911	3.71%	0.354%
58	13.618	1916	1918	1921	rBV2	22357	20903	2.59%	0.247%
59	13.789	1944	1947	1949	rBV	32952	33506	4.15%	0.396%
60	13.918	1967	1969	1971	rBV	26934	19811	2.45%	0.234%
61	13.948	1971	1974	1980	rBV3	83949	110026	13.63%	1.302%
62	14.148	2003	2008	2011	rBV2	253621	352307	43.64%	4.169%
63	14.177	2011	2013	2016	rVB	111613	92476	11.46%	1.094%
64	15.236	2189	2193	2200	rVB	109901	218499	27.07%	2.586%
65	15.630	2257	2260	2266	rVB	67801	96812	11.99%	1.146%
66	15.695	2268	2271	2275	rVV	88824	98407	12.19%	1.164%

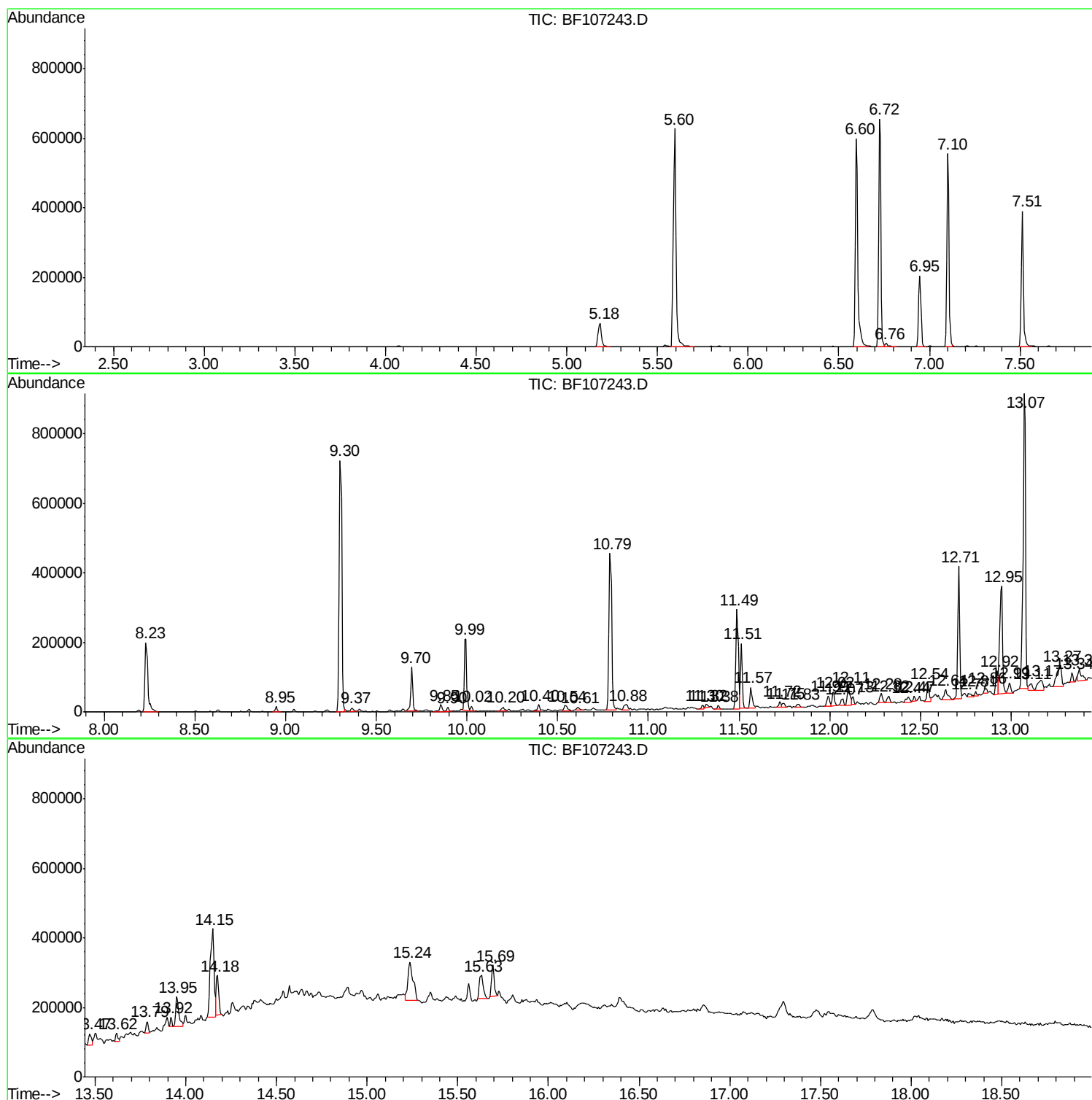
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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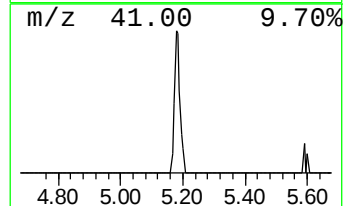
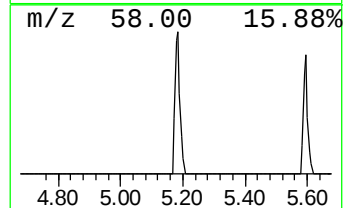
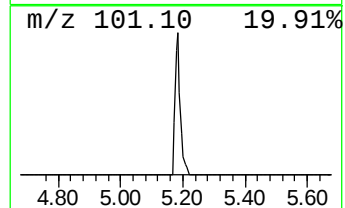
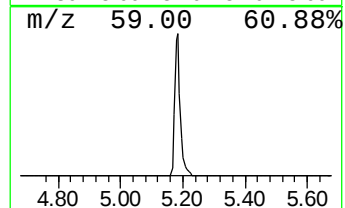
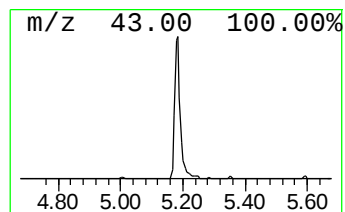
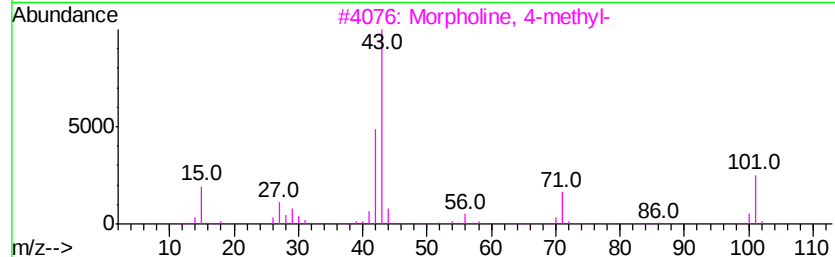
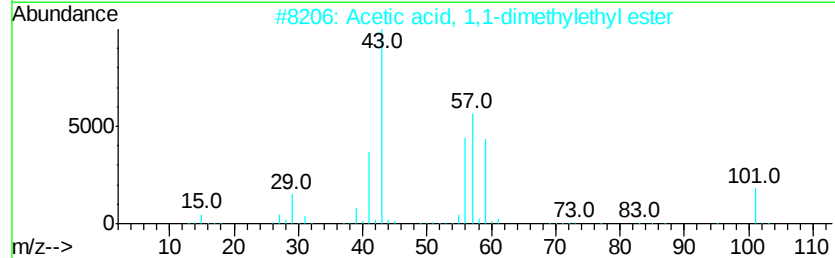
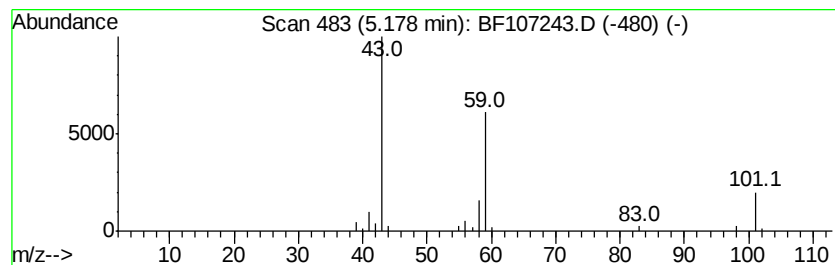
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.86 ng	84649	1,4-Dichlorobenzene-d4	6.95

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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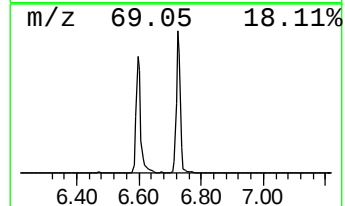
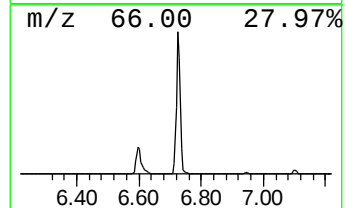
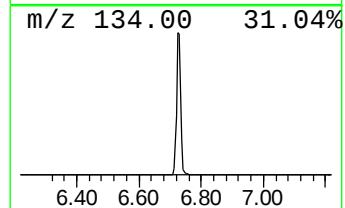
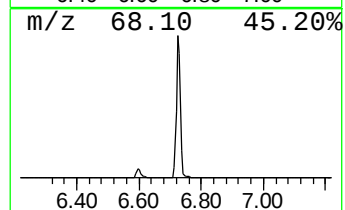
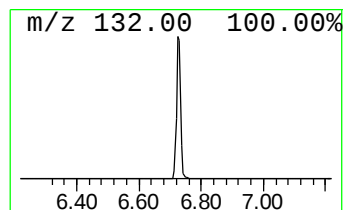
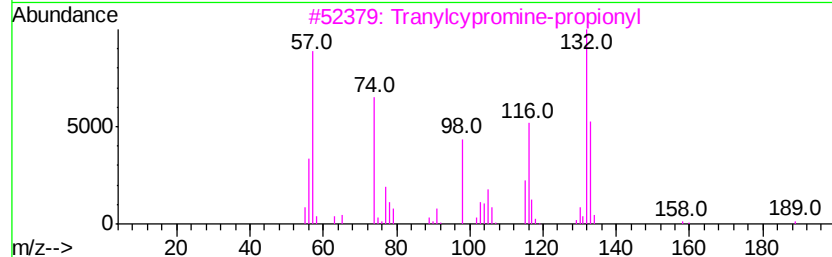
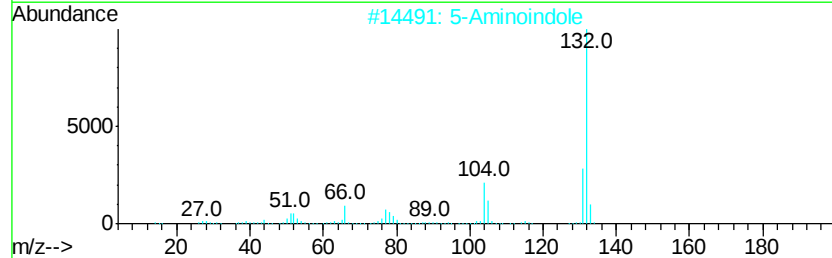
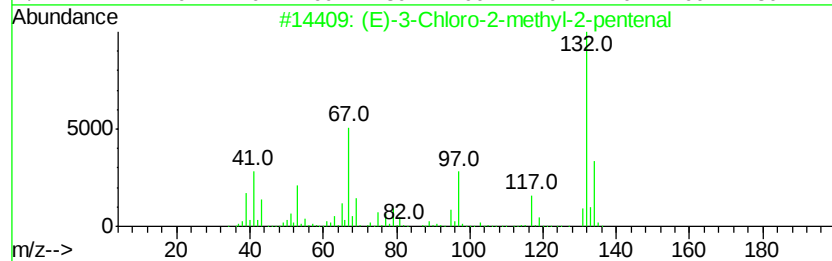
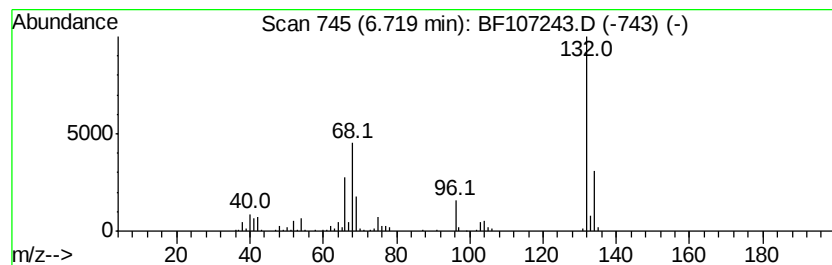
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	71.68 ng	615267	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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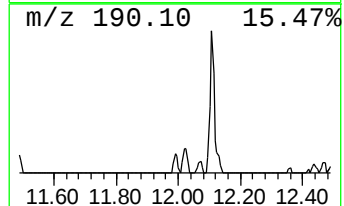
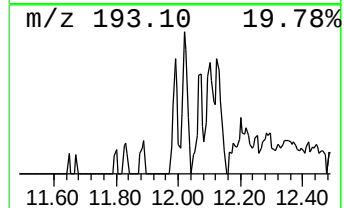
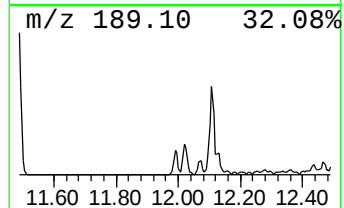
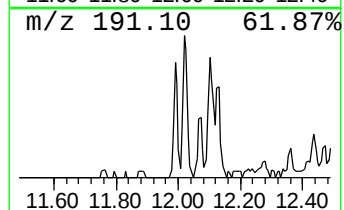
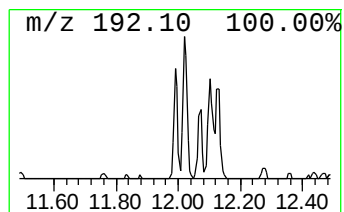
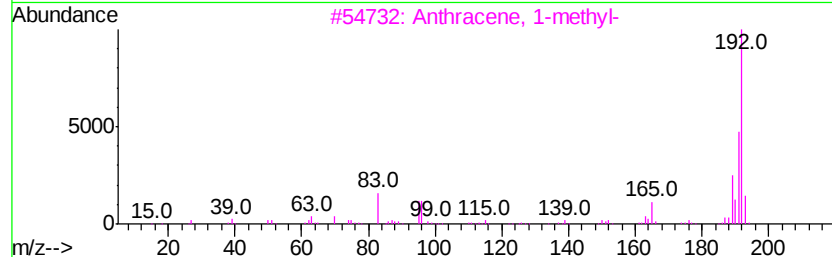
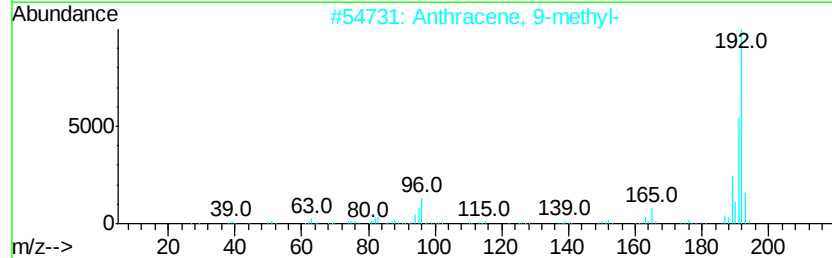
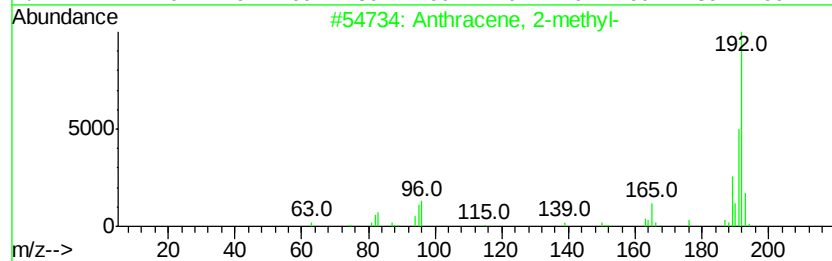
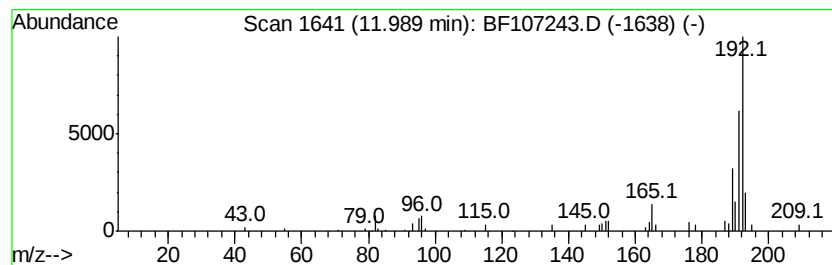
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.51 ng	30030	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



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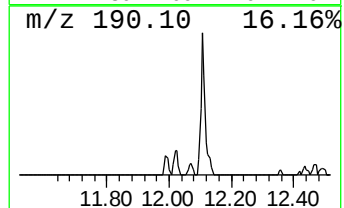
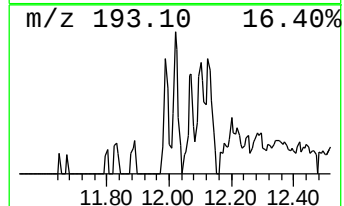
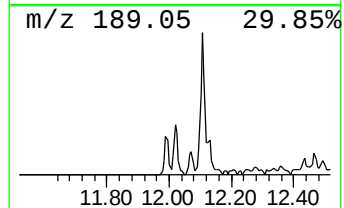
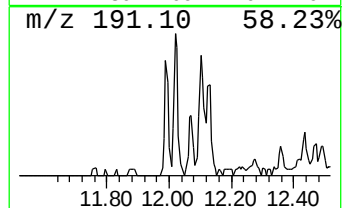
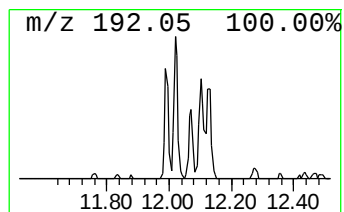
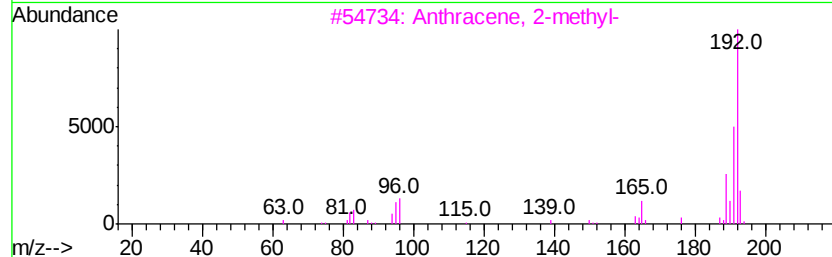
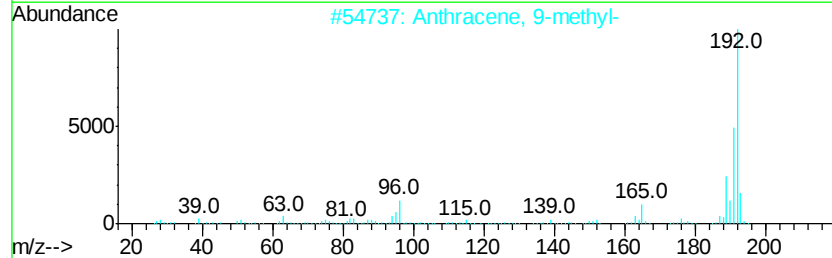
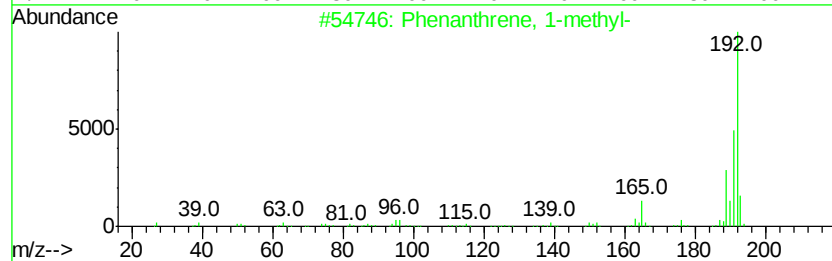
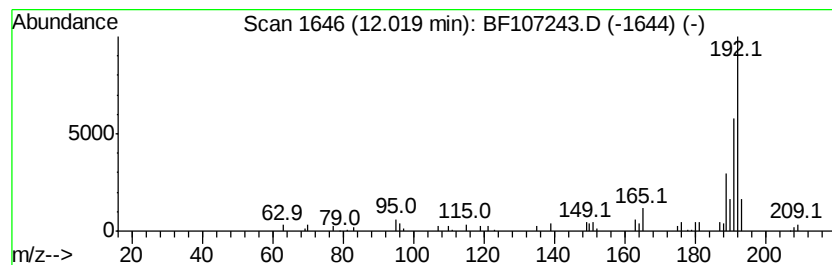
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.21 ng	38494	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



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SURCHARGE-SP-10

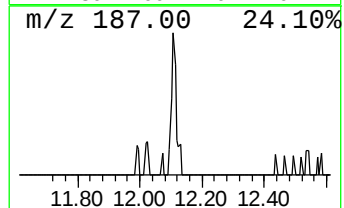
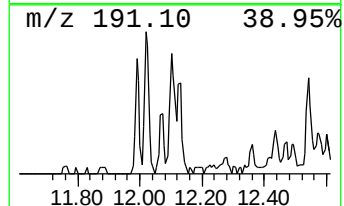
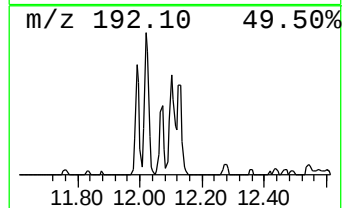
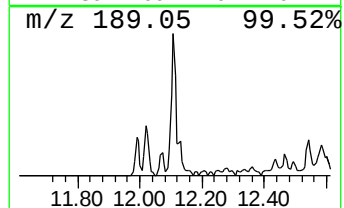
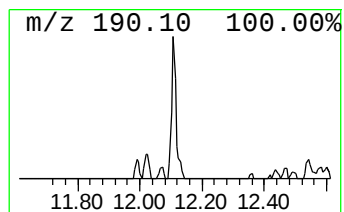
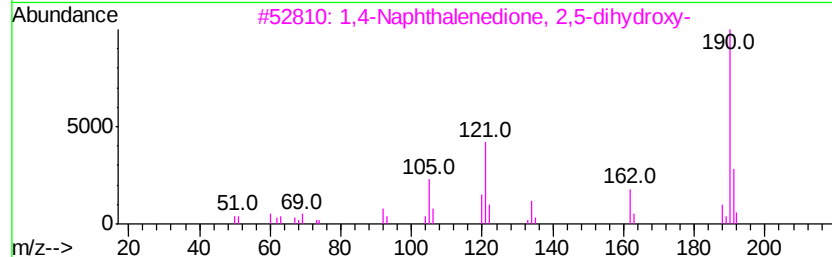
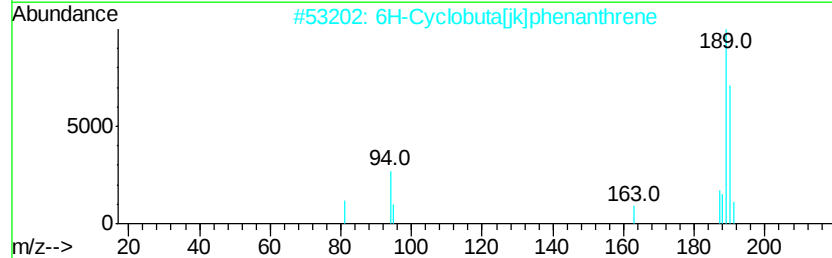
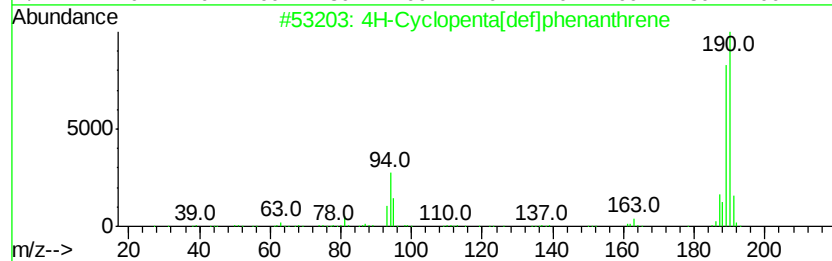
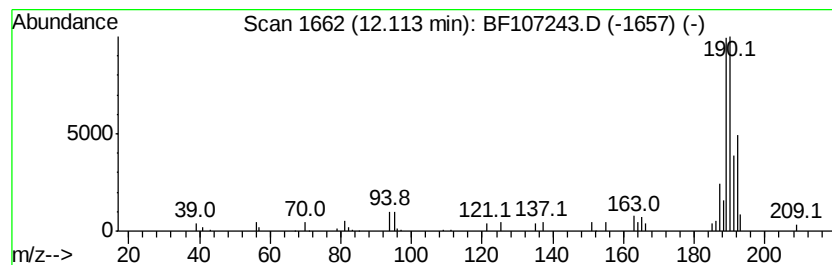
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.79 ng	57385	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
Operator : JU/SJ
Sample : J3879-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

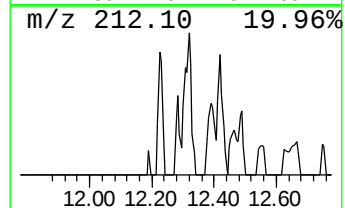
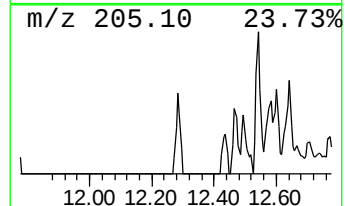
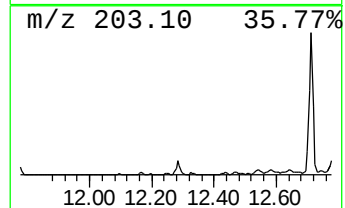
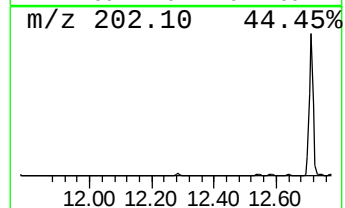
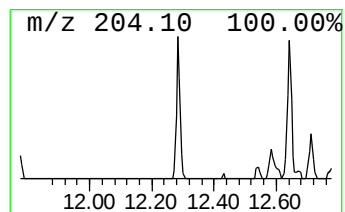
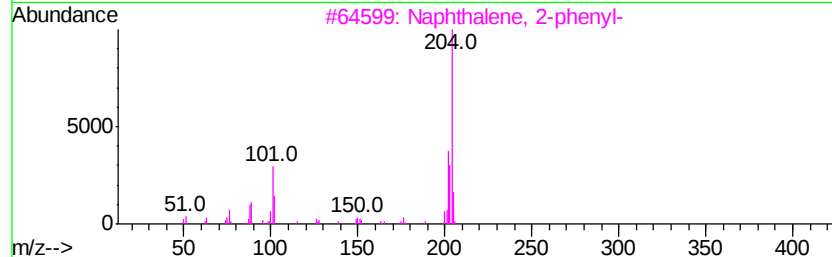
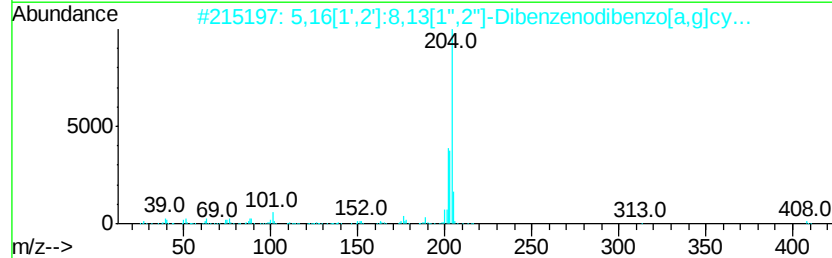
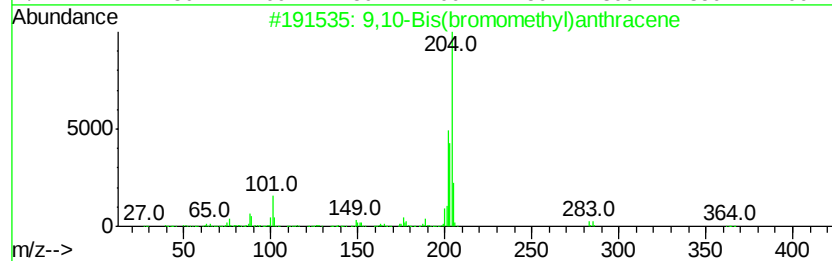
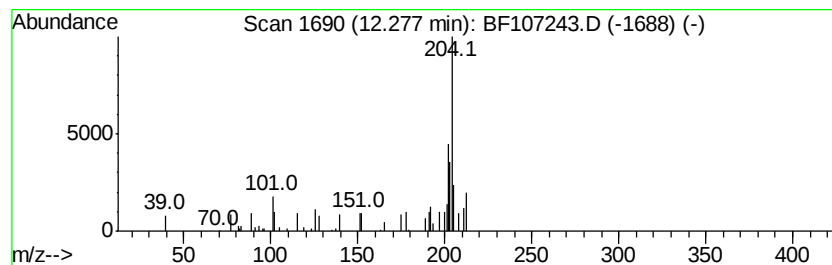
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.16 ng	25903	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
Operator : JU/SJ
Sample : J3879-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

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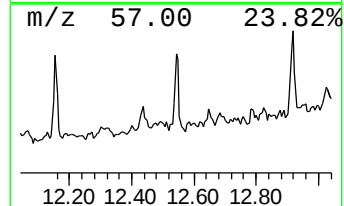
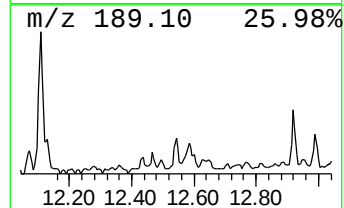
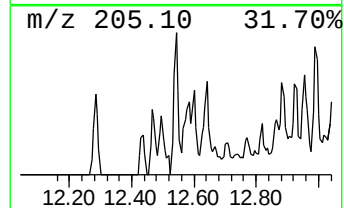
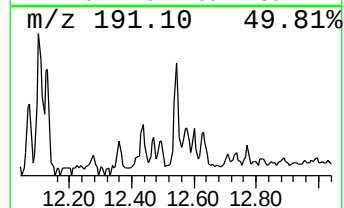
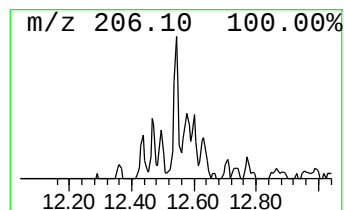
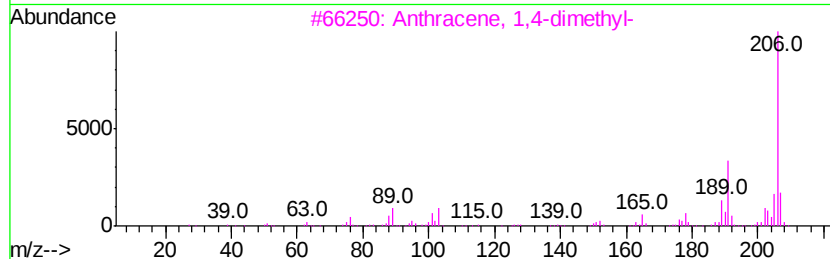
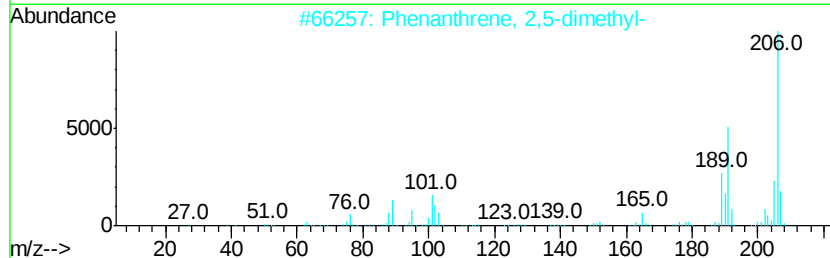
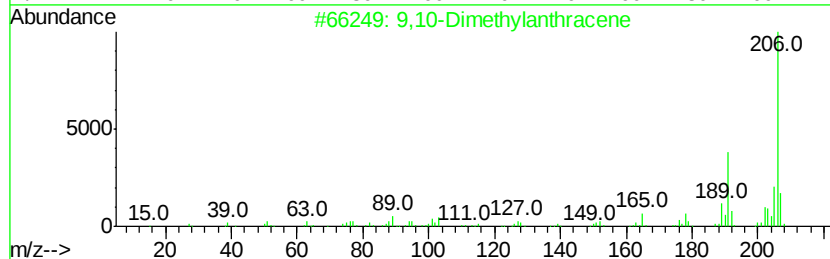
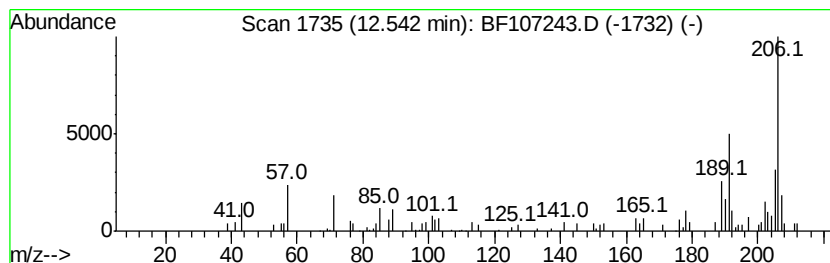
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.04 ng	48380	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-			206	C16H14	000781-92-0	90
4	di-p-Tolylacetylene			206	C16H14	002789-88-0	89
5	1H-Indene, 2-methyl-3-phenyl-			206	C16H14	035099-60-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
Operator : JU/SJ
Sample : J3879-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

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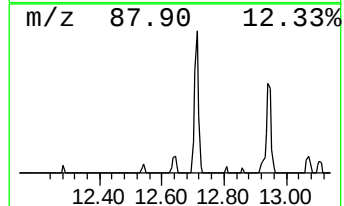
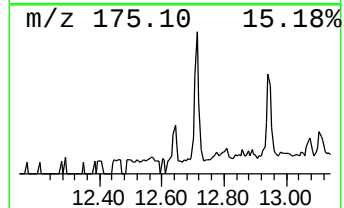
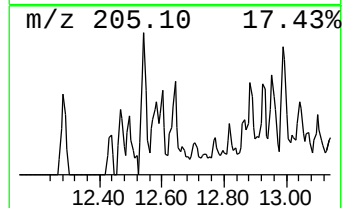
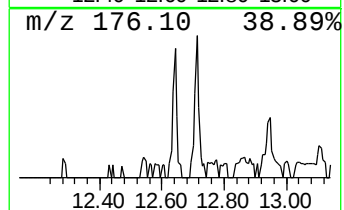
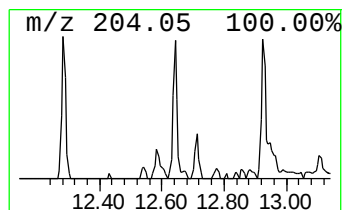
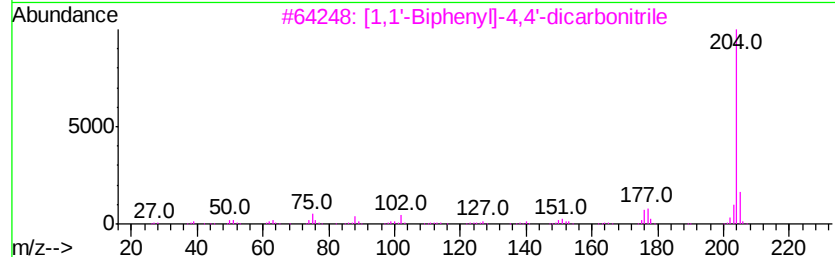
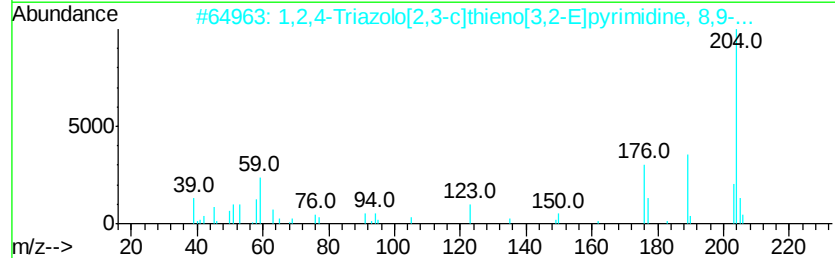
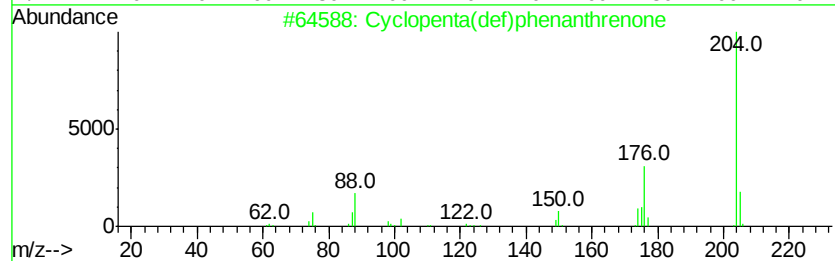
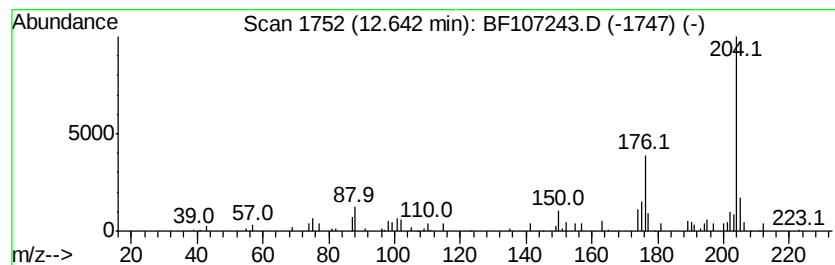
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.04 ng	48412	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
Operator : JU/SJ
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ALS Vial : 24 Sample Multiplier: 1

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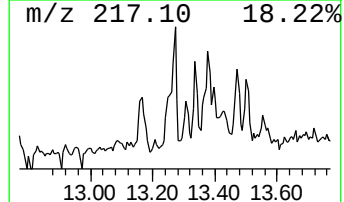
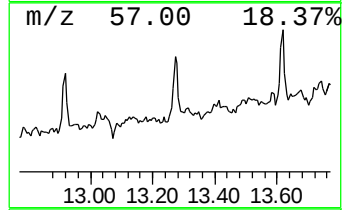
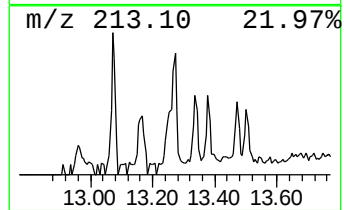
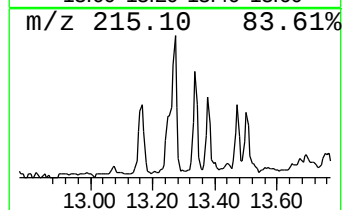
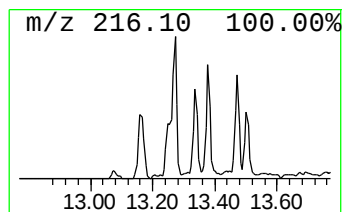
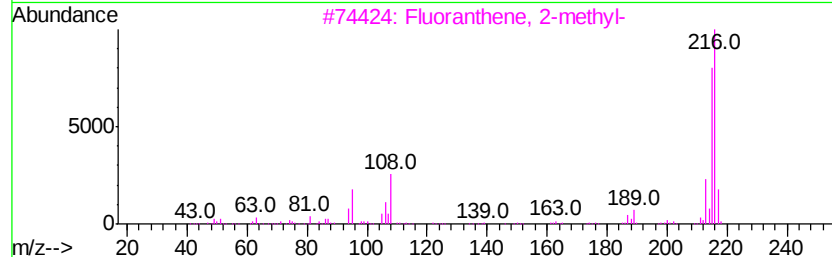
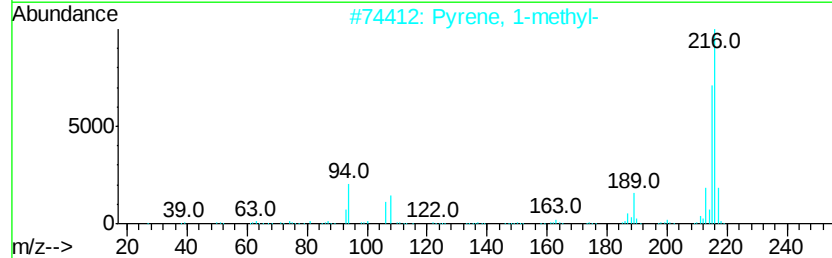
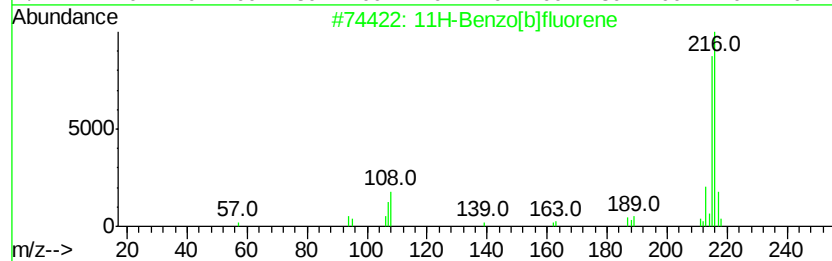
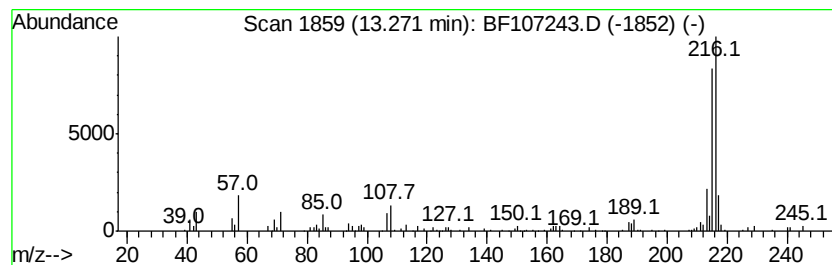
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.67 ng	99854	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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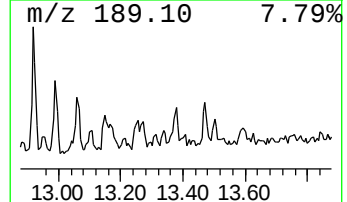
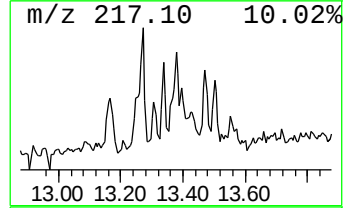
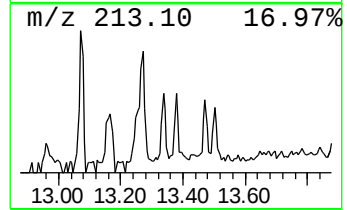
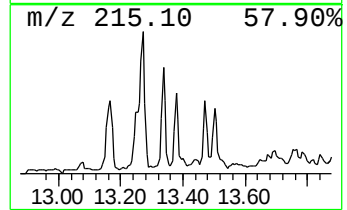
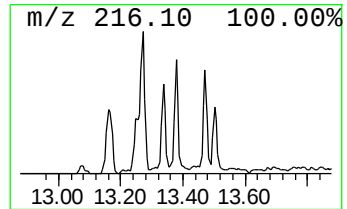
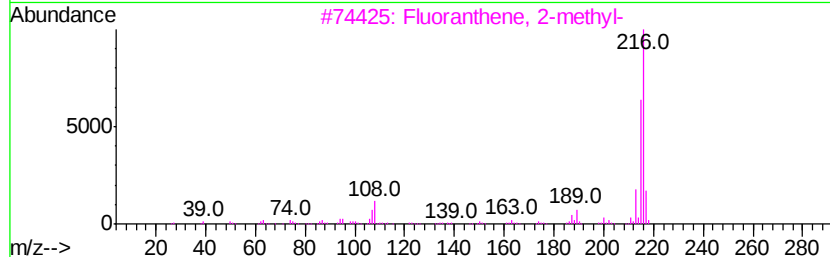
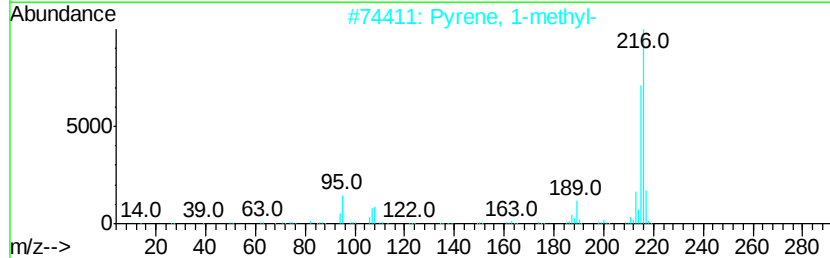
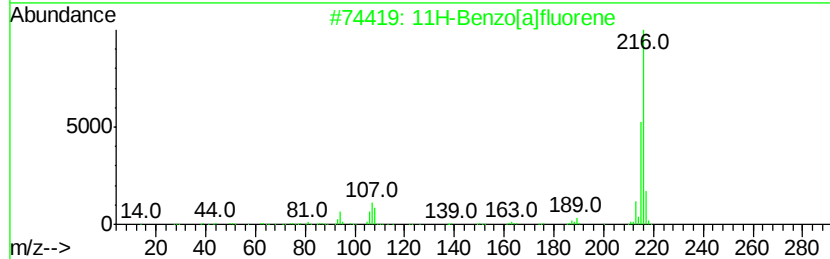
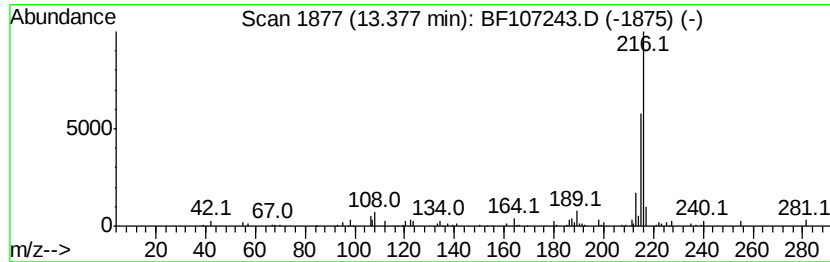
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.54 ng	44669	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
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Sample : J3879-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

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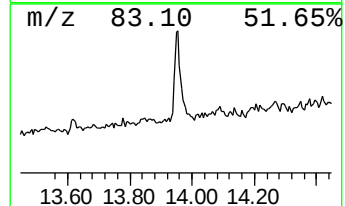
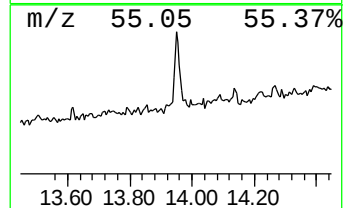
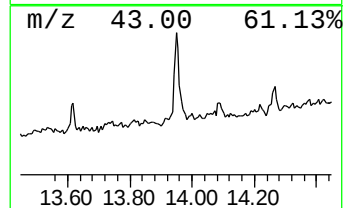
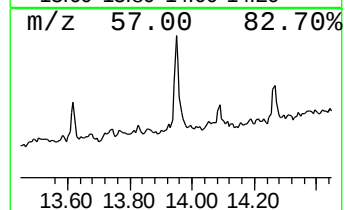
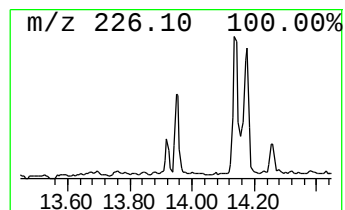
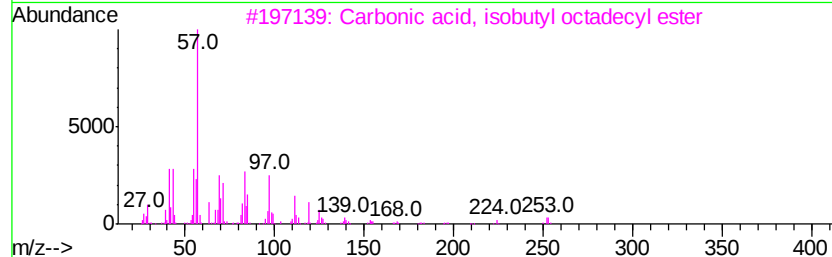
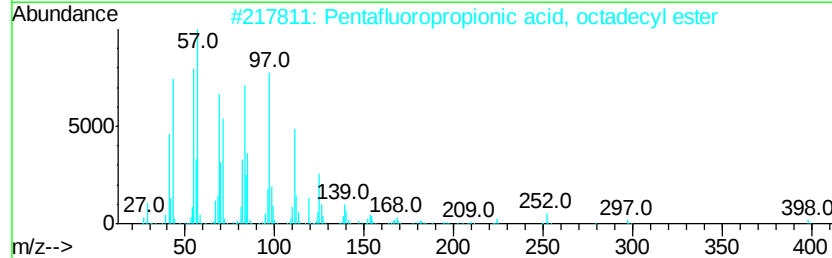
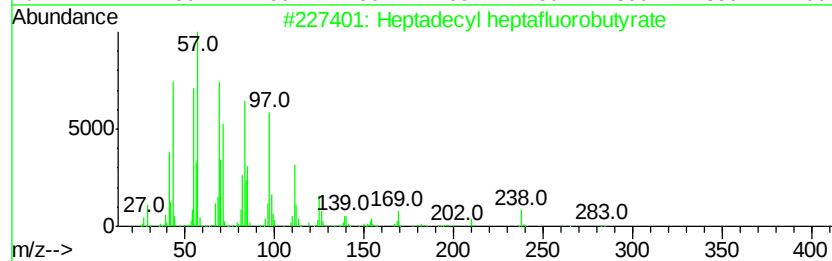
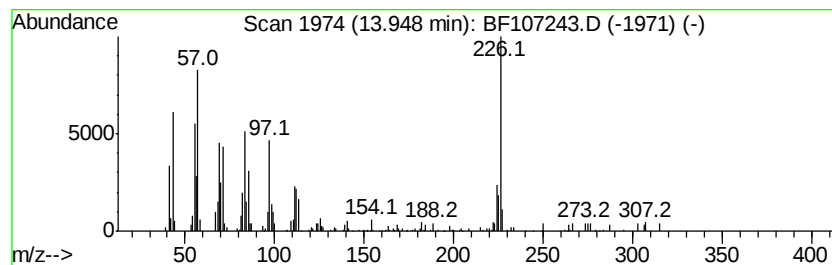
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.25 ng	110026	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	50
2		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	49
3		Carbonic acid, isobutyl octadecyl ester	370	C23H46O3	1000314-61-5	46
4		Trifluoroacetic acid, pentadecyl ester	324	C17H31F3O2	959010-23-2	41
5		1-Nonadecene	266	C19H38	018435-45-5	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
Data File : BF107243.D
Acq On : 9 Jul 2018 21:41
Operator : JU/SJ
Sample : J3879-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	9.9	ng	84649	1	6.95	171675	20.0
unknown6.72	6.72	71.7	ng	615267	1	6.95	171675	20.0
Anthracene, 2-met...	11.99	2.5	ng	30030	4	11.49	239701	20.0
Phenanthrene, 1-m...	12.02	3.2	ng	38494	4	11.49	239701	20.0
4H-Cyclopenta[def...	12.11	4.8	ng	57385	4	11.49	239701	20.0
9,10-Bis(bromomet...	12.28	2.2	ng	25903	4	11.49	239701	20.0
9,10-Dimethylanth...	12.54	4.0	ng	48380	4	11.49	239701	20.0
Cyclopenta(def)ph...	12.64	4.0	ng	48412	4	11.49	239701	20.0
11H-Benzo[b]fluorene	13.27	5.7	ng	99854	5	14.15	352307	20.0
11H-Benzo[a]fluorene	13.38	2.5	ng	44669	5	14.15	352307	20.0
Heptadecyl heptaf...	13.95	6.3	ng	110026	5	14.15	352307	20.0