

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107216.D
 Acq On : 7 Jul 2018 19:32
 Operator : JU/SJ
 Sample : J3880-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-15

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	5.190	480	485	496	rBV	117252	153213	12.82%	1.235%
2	5.596	550	554	572	rBV	1021668	999962	83.64%	8.058%
3	6.601	720	725	740	rBV	899524	1015998	84.98%	8.188%
4	6.731	743	747	750	rVV	1058481	979021	81.89%	7.890%
5	6.766	750	753	760	rVB2	15378	19517	1.63%	0.157%
6	6.948	780	784	790	rBV	352501	281604	23.55%	2.269%
7	7.107	807	811	814	rBV	875493	792662	66.30%	6.388%
8	7.513	876	880	890	rBV	578723	581008	48.60%	4.682%
9	8.231	999	1002	1014	rBV	314137	323923	27.09%	2.610%
10	8.948	1120	1124	1129	rBV	17886	17312	1.45%	0.140%
11	9.301	1180	1184	1193	rBV	1049262	1027214	85.92%	8.278%
12	9.366	1193	1195	1199	rVB	16680	14767	1.24%	0.119%
13	9.695	1246	1251	1257	rBV	212780	193787	16.21%	1.562%
14	9.854	1272	1278	1282	rBV	22363	22071	1.85%	0.178%
15	9.895	1282	1285	1288	rVB	18480	14925	1.25%	0.120%
16	9.989	1298	1301	1305	rBV	331312	307660	25.73%	2.479%
17	10.025	1305	1307	1313	rVB	22339	19172	1.60%	0.155%
18	10.201	1331	1337	1340	rBV2	14072	21136	1.77%	0.170%
19	10.395	1367	1370	1372	rBV	25049	20411	1.71%	0.164%
20	10.542	1391	1395	1401	rVB2	19034	22825	1.91%	0.184%
21	10.613	1401	1407	1411	rBV5	9019	15641	1.31%	0.126%
22	10.789	1433	1437	1448	rBV	699411	636587	53.25%	5.130%
23	10.872	1448	1451	1457	rVB3	19838	31406	2.63%	0.253%
24	11.089	1482	1488	1491	rBV4	8487	13523	1.13%	0.109%
25	11.295	1519	1523	1525	rBV	14473	13530	1.13%	0.109%
26	11.319	1525	1527	1530	rVV2	16627	14605	1.22%	0.118%
27	11.489	1552	1556	1558	rBV	384904	360404	30.15%	2.904%
28	11.513	1558	1560	1563	rVV	199997	156507	13.09%	1.261%
29	11.566	1565	1569	1572	rBV	70090	61673	5.16%	0.497%
30	11.725	1591	1596	1598	rBV2	21121	21929	1.83%	0.177%
31	11.742	1598	1599	1603	rVB2	17480	14146	1.18%	0.114%
32	11.989	1638	1641	1644	rBV	32375	36119	3.02%	0.291%
33	12.019	1644	1646	1649	rVV2	48771	40285	3.37%	0.325%
34	12.066	1652	1654	1657	rVB	19728	16983	1.42%	0.137%

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35	12.107	1657	1661	1663	rBV2	53303	66062	5.53%	0.532%
36	12.125	1663	1664	1667	rVB	28648	17430	1.46%	0.140%
37	12.154	1667	1669	1671	rBV	16785	15108	1.26%	0.122%
38	12.283	1688	1691	1695	rBV	28813	28681	2.40%	0.231%
39	12.325	1695	1698	1700	rVB2	19754	17729	1.48%	0.143%
40	12.466	1719	1722	1724	rBV2	13531	13335	1.12%	0.107%
41	12.542	1731	1735	1737	rBV2	56003	53095	4.44%	0.428%
42	12.636	1747	1751	1757	rBV3	30095	52046	4.35%	0.419%
43	12.707	1759	1763	1767	rBV	422221	384679	32.18%	3.100%
44	12.919	1796	1799	1800	rBV	98630	87747	7.34%	0.707%
45	12.942	1800	1803	1808	rVB	386444	359452	30.07%	2.897%
46	13.072	1820	1825	1828	rBV	1308694	1195541	100.00%	9.635%
47	13.107	1828	1831	1835	rVB	20319	22274	1.86%	0.179%
48	13.160	1835	1840	1844	rBV2	28906	56868	4.76%	0.458%
49	13.272	1853	1859	1861	rVB2	75635	96370	8.06%	0.777%
50	13.313	1863	1866	1867	rBV2	39281	36361	3.04%	0.293%
51	13.466	1890	1892	1894	rBV	30859	27169	2.27%	0.219%
52	13.501	1895	1898	1900	rBV2	35552	42329	3.54%	0.341%
53	13.613	1915	1917	1920	rBV	48838	44646	3.73%	0.360%
54	13.948	1971	1974	1979	rBV3	101162	116038	9.71%	0.935%
55	14.142	2003	2007	2010	rBV2	359591	468110	39.15%	3.772%
56	14.171	2010	2012	2015	rVB	148289	120786	10.10%	0.973%
57	14.571	2077	2080	2084	rBV	77733	85531	7.15%	0.689%
58	15.230	2188	2192	2199	rVB2	145726	304627	25.48%	2.455%
59	15.554	2244	2247	2250	rVB	73117	77373	6.47%	0.624%
60	15.618	2255	2258	2266	rBV2	98269	182658	15.28%	1.472%
61	15.683	2266	2269	2273	rBV	144082	175352	14.67%	1.413%

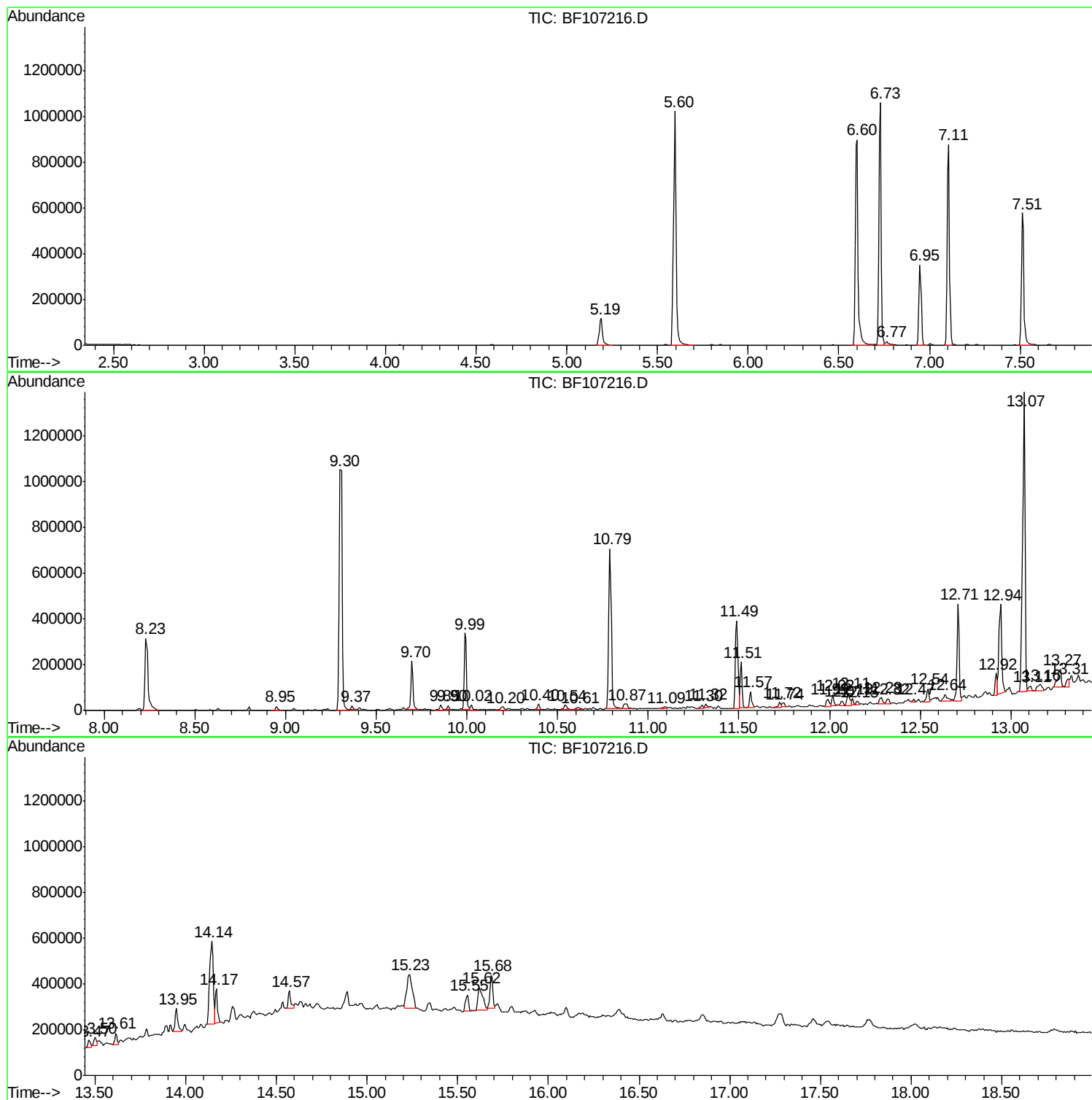
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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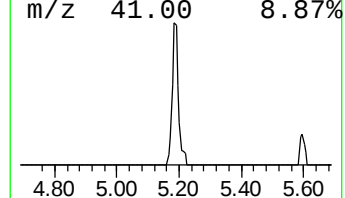
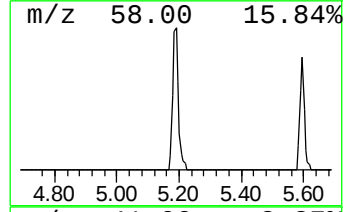
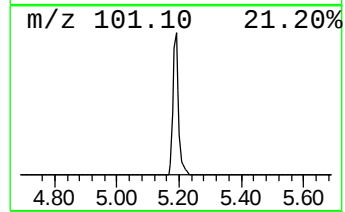
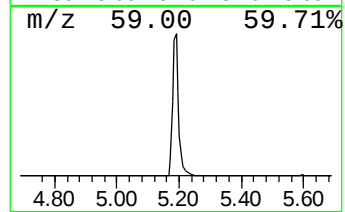
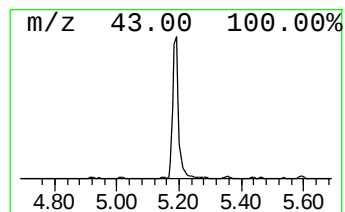
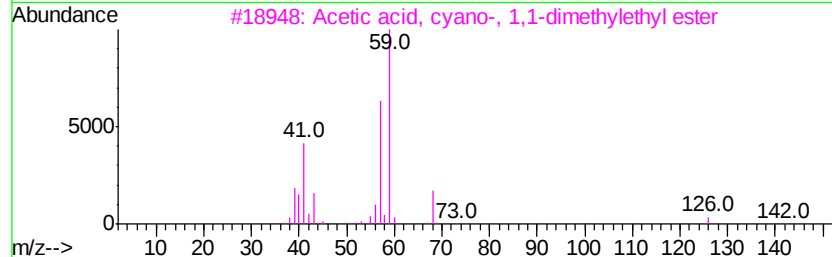
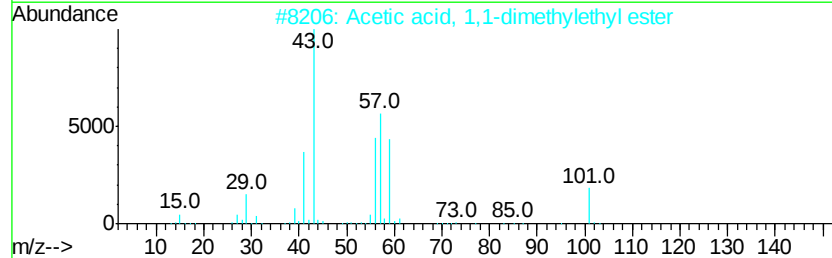
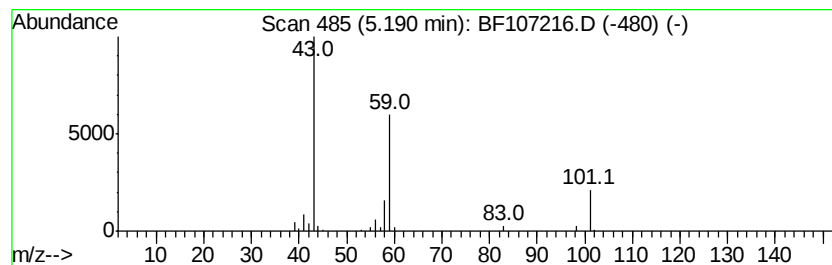
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.88 ng	153213	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	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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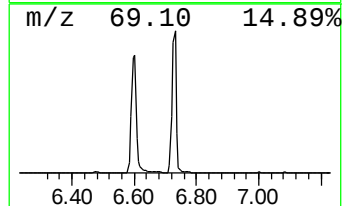
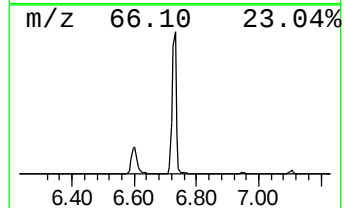
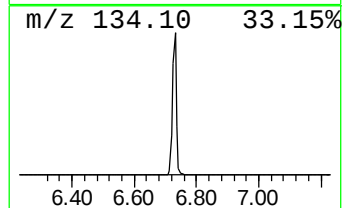
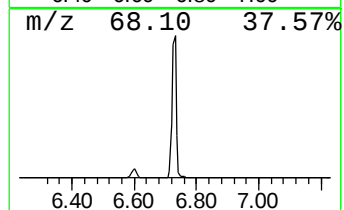
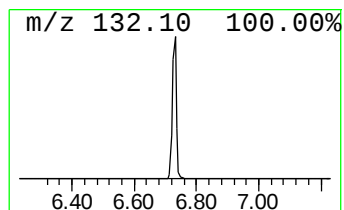
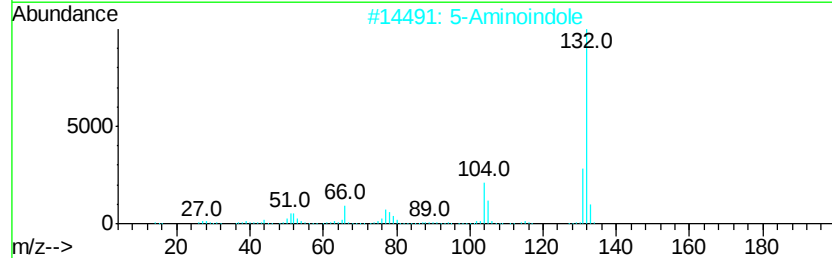
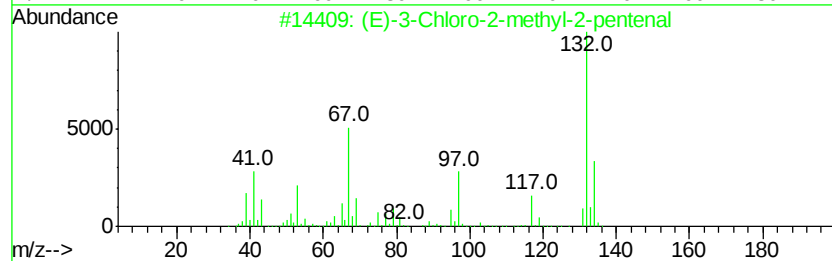
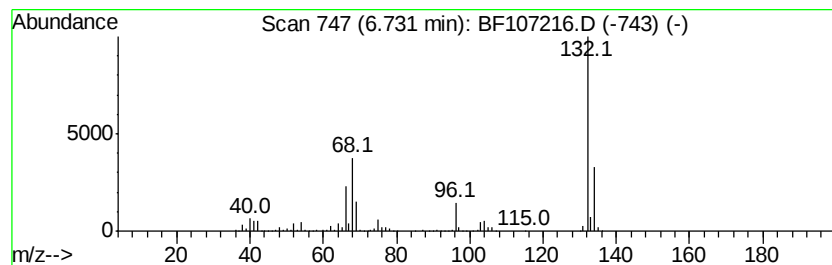
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	69.53 ng	979021	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12	
4	Xenon	132	Xe	007440-63-3	9	
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	



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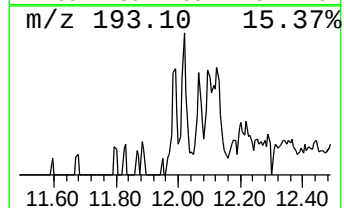
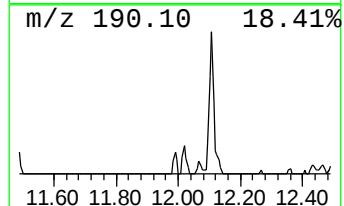
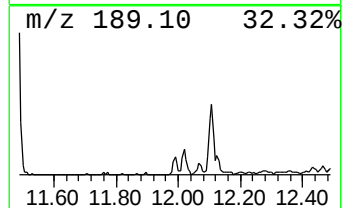
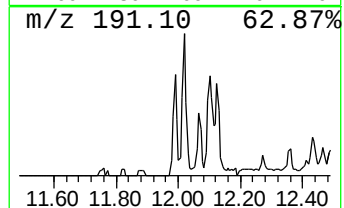
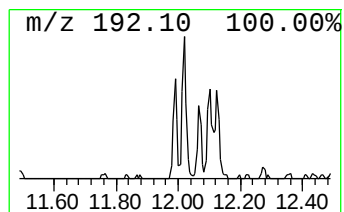
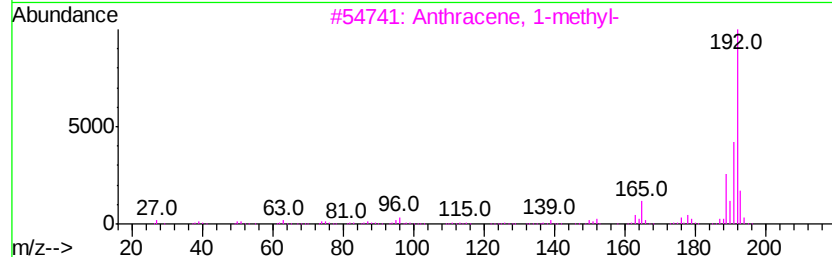
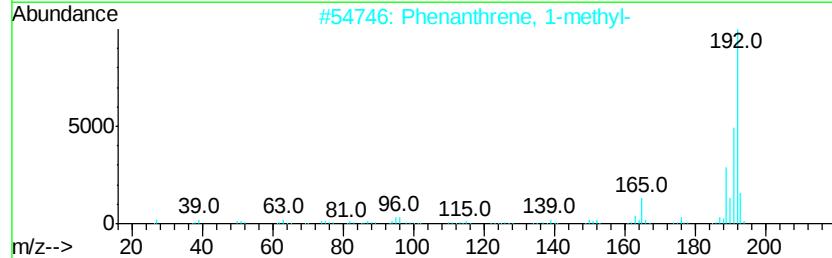
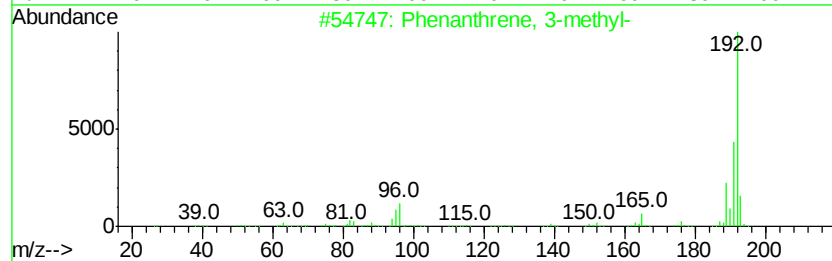
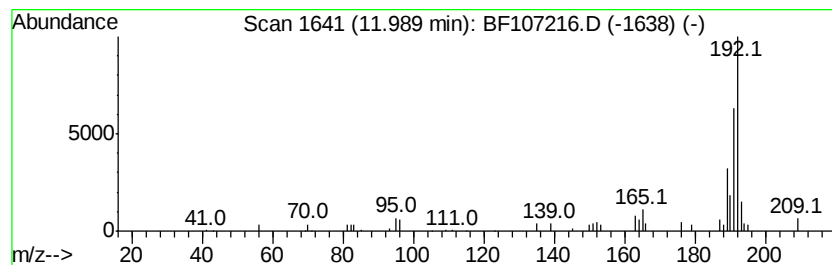
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.00 ng	36119	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	76



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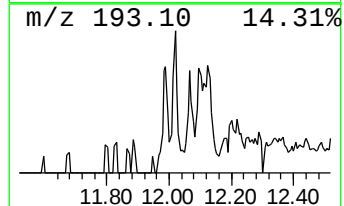
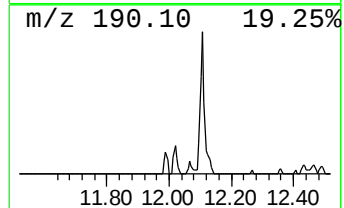
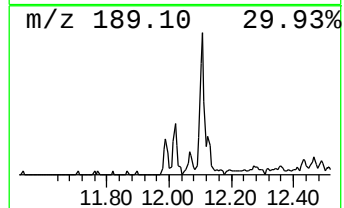
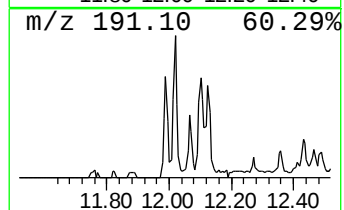
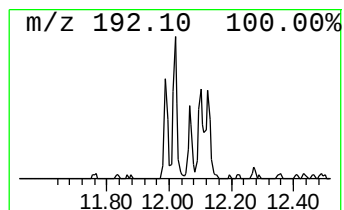
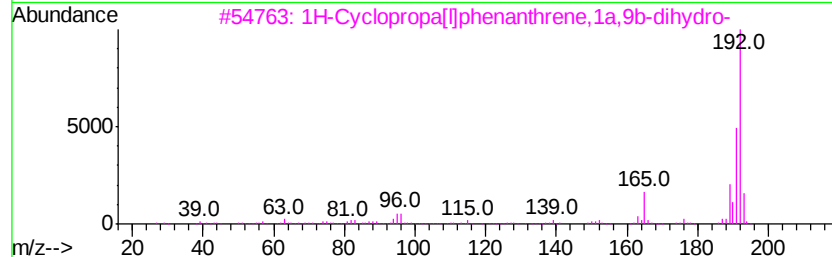
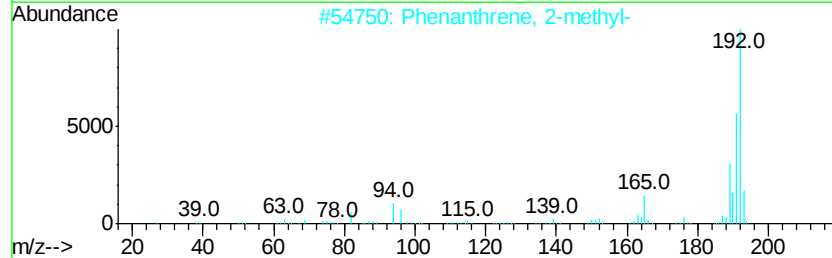
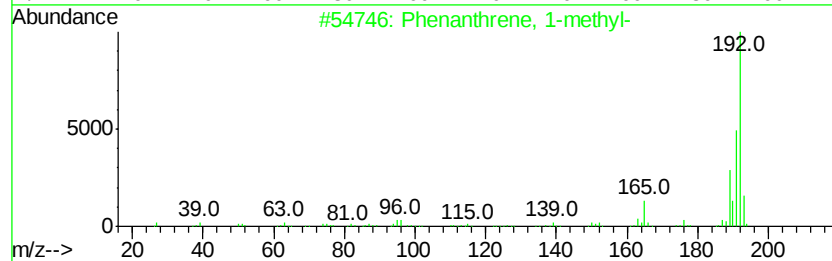
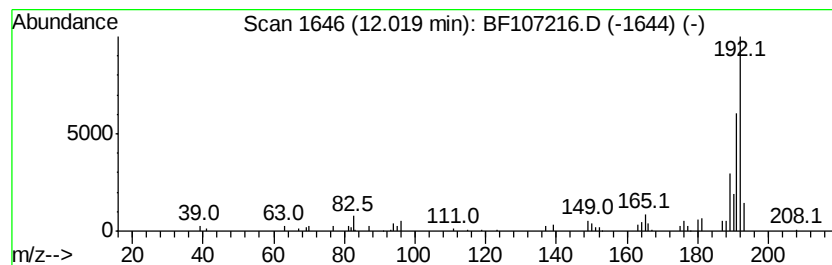
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.24 ng	40285	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	68
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	68



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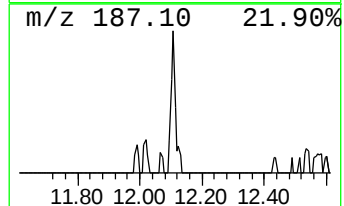
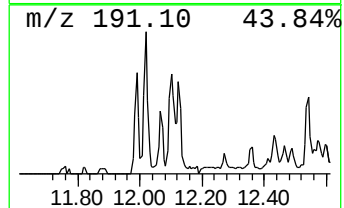
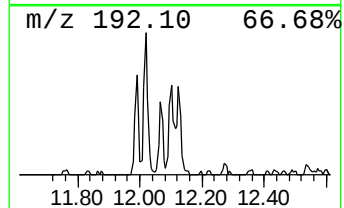
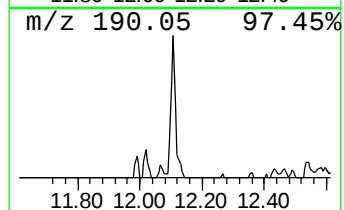
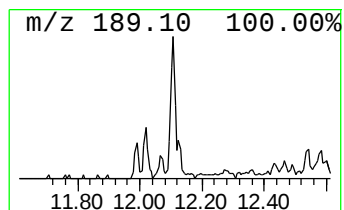
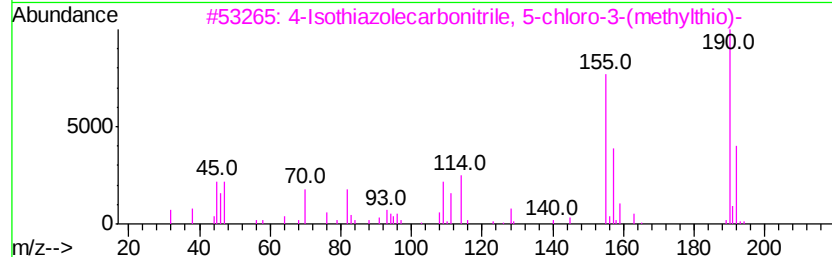
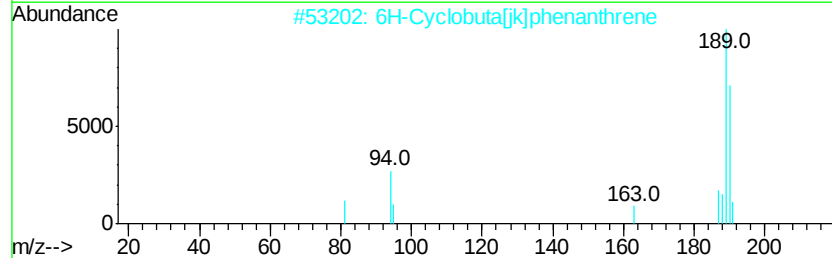
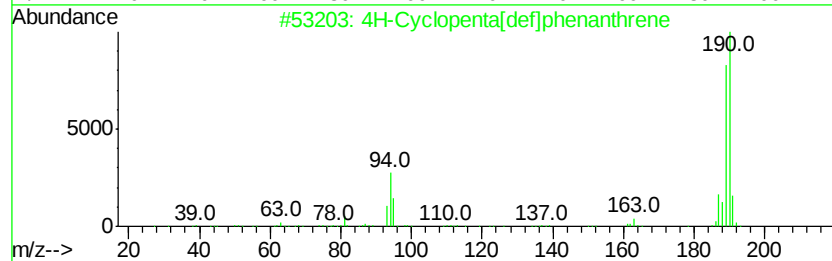
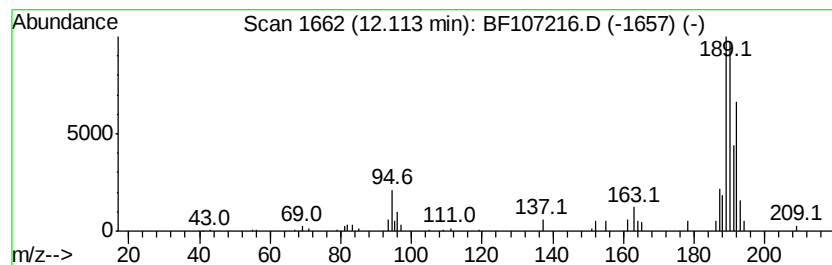
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.67 ng	66062	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25
4		5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22
5		Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
Operator : JU/SJ
Sample : J3880-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-15

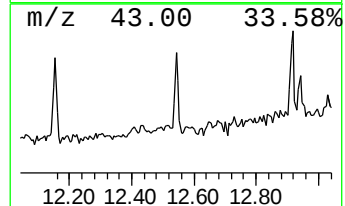
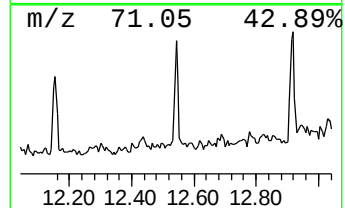
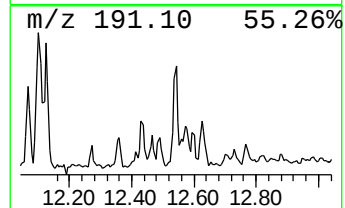
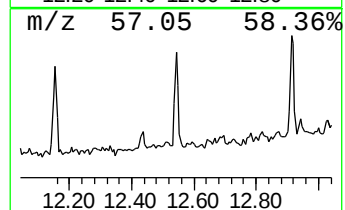
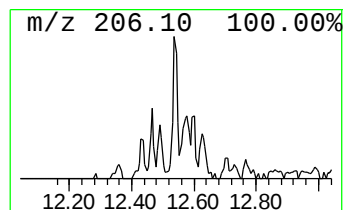
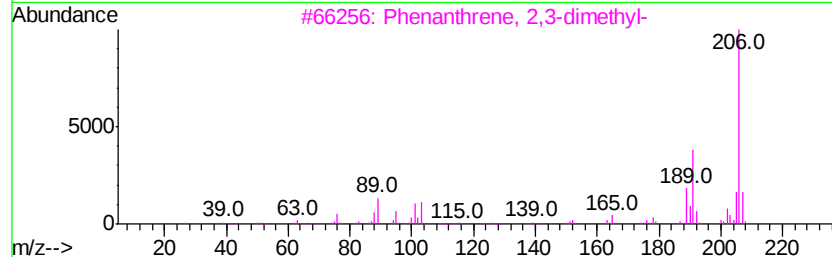
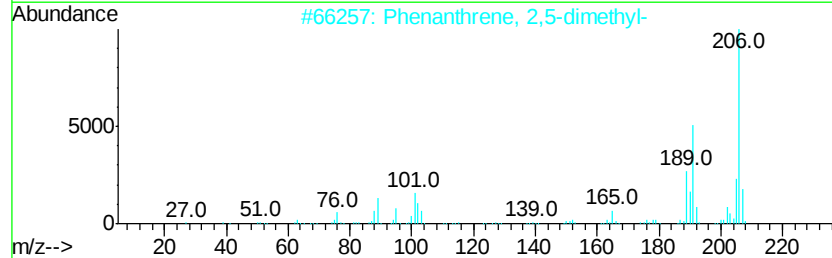
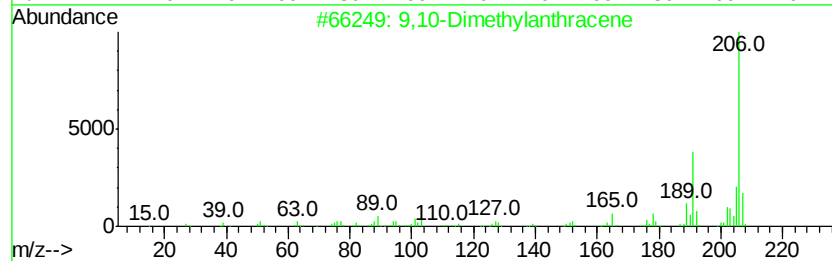
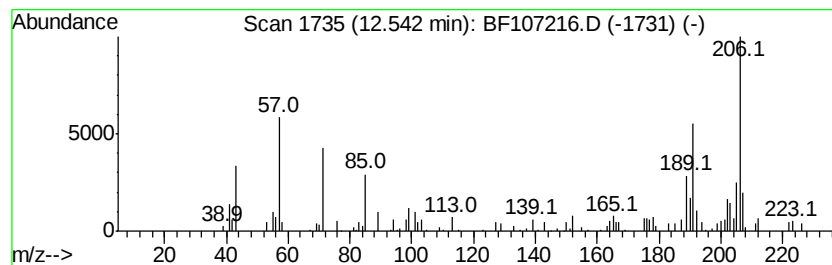
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.95 ng	53095	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	92
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
Operator : JU/SJ
Sample : J3880-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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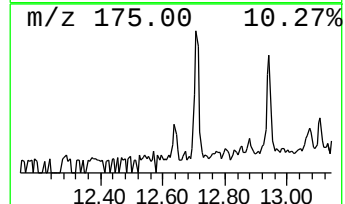
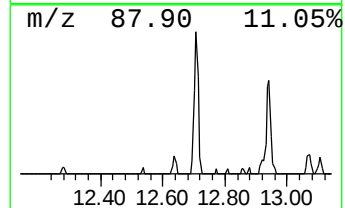
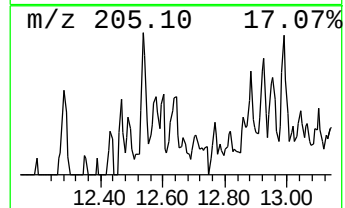
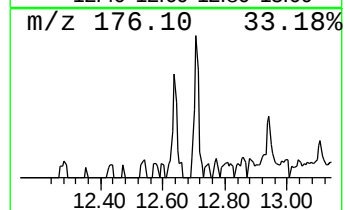
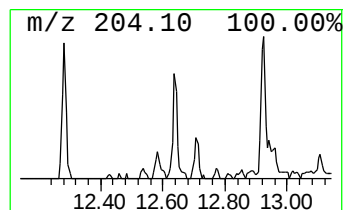
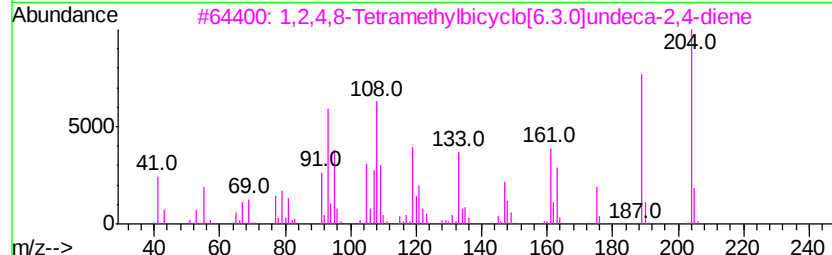
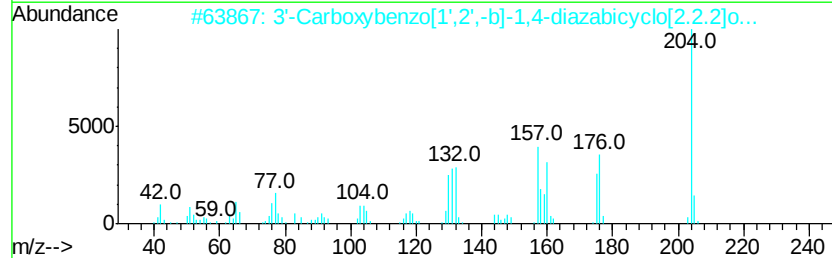
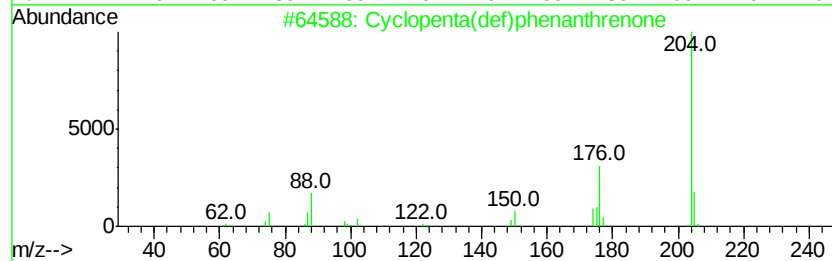
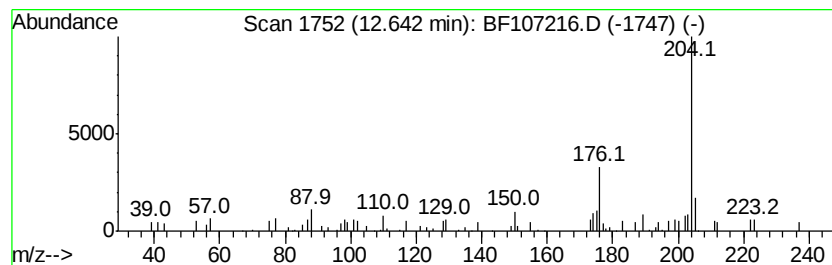
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.89 ng	52046	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2		3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
4		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
Operator : JU/SJ
Sample : J3880-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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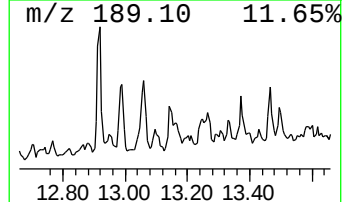
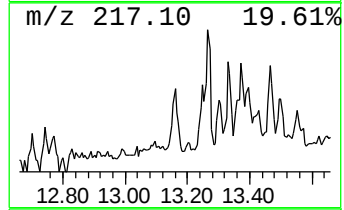
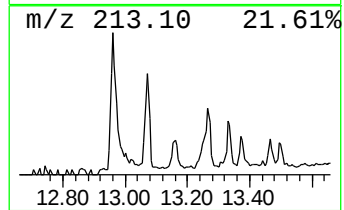
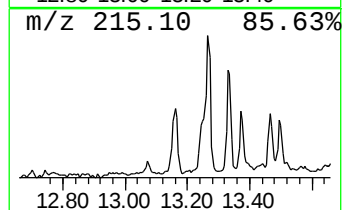
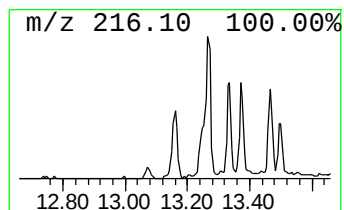
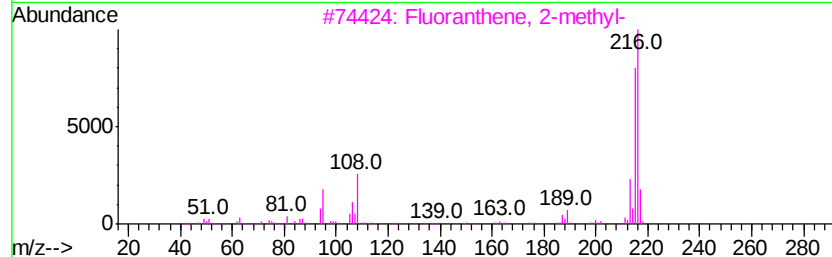
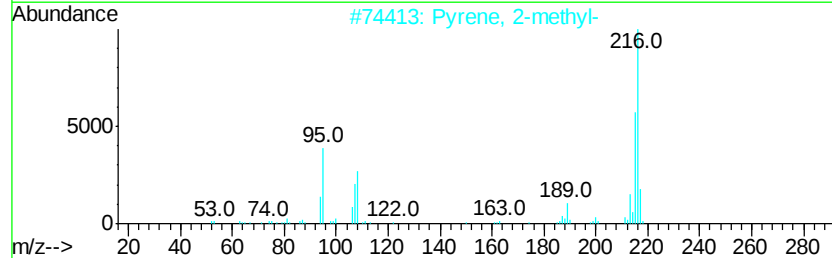
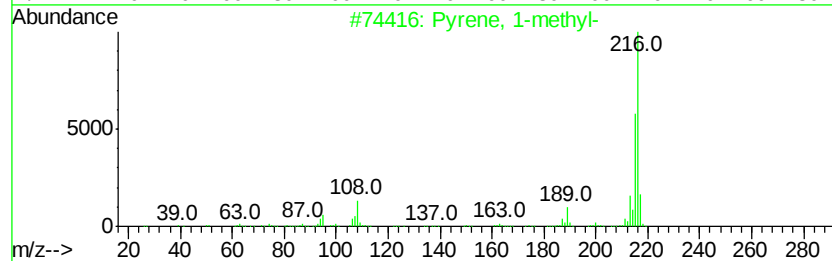
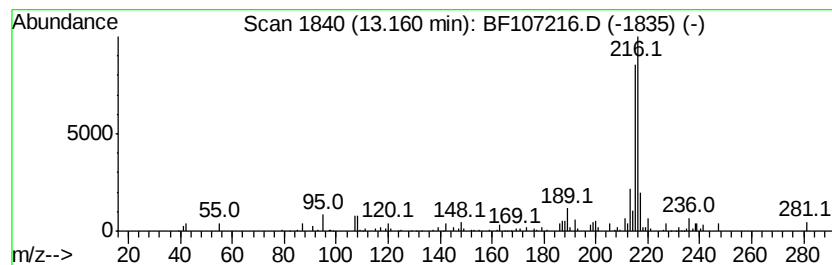
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.43 ng	56868	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
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Sample : J3880-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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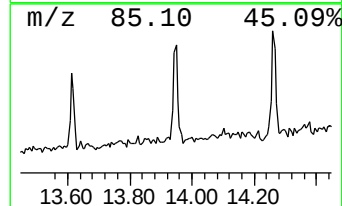
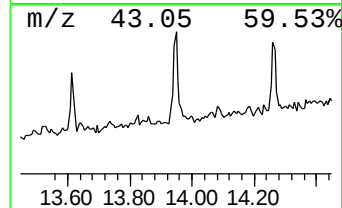
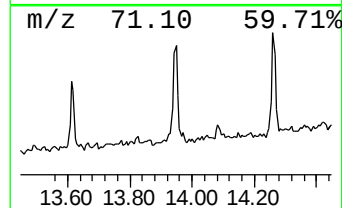
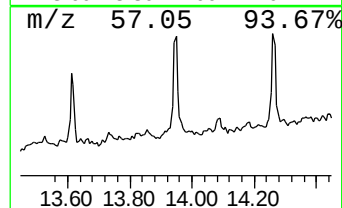
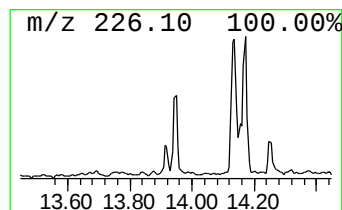
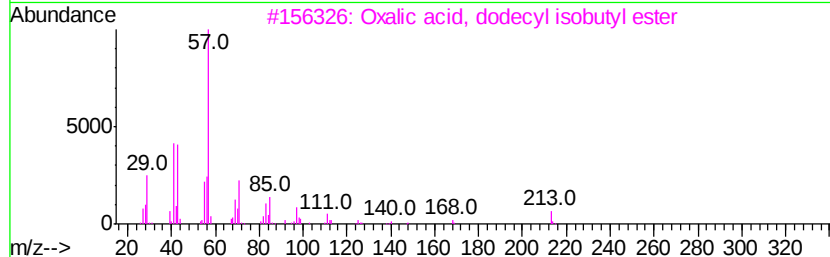
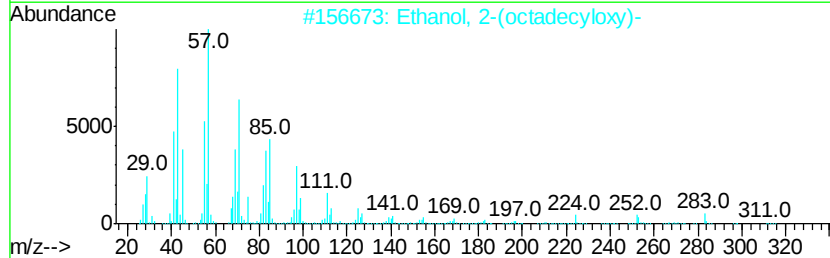
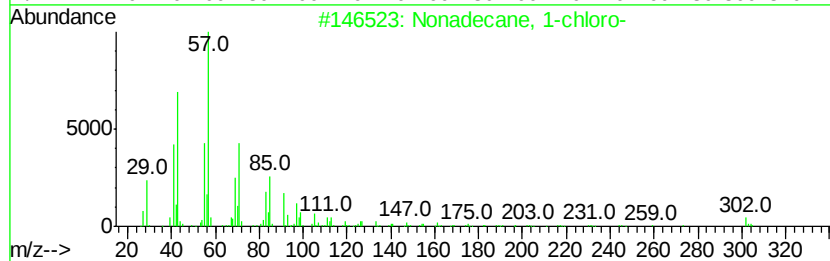
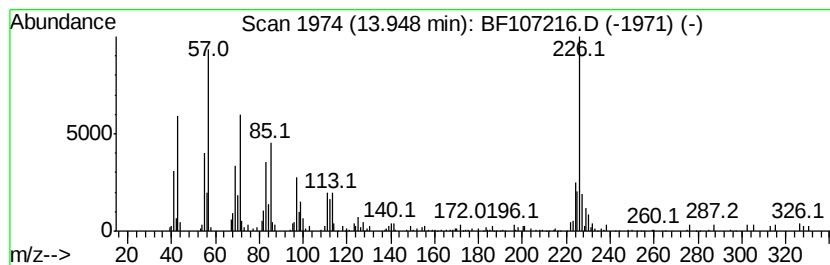
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.96 ng	116038	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	83
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	38
3		Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	35
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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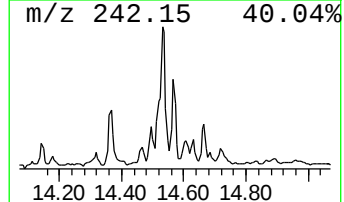
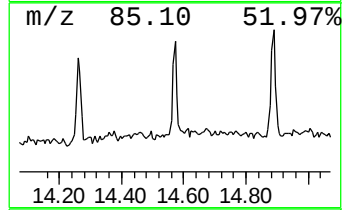
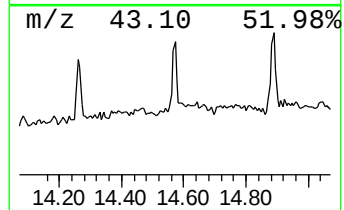
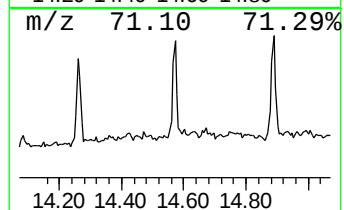
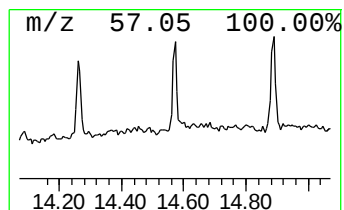
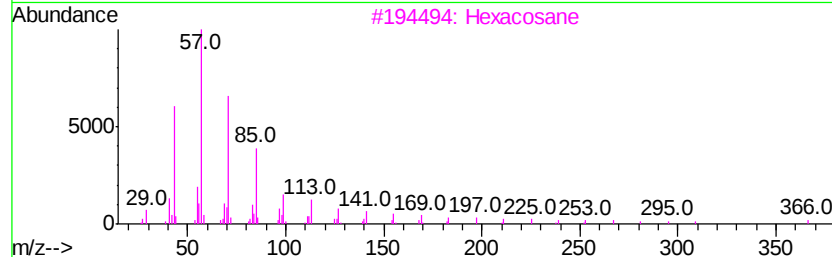
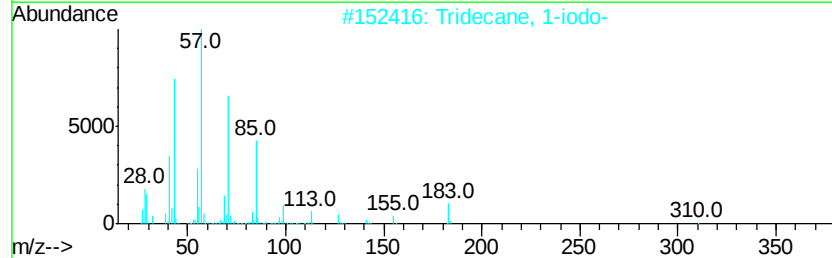
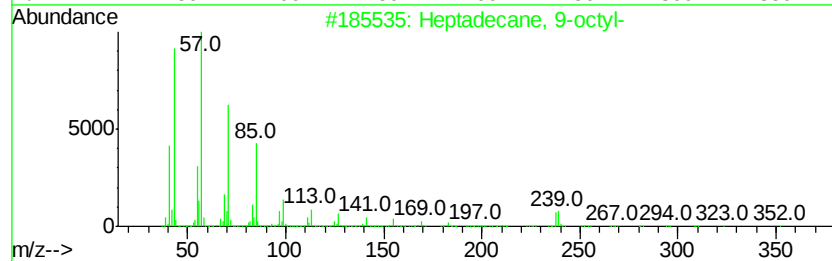
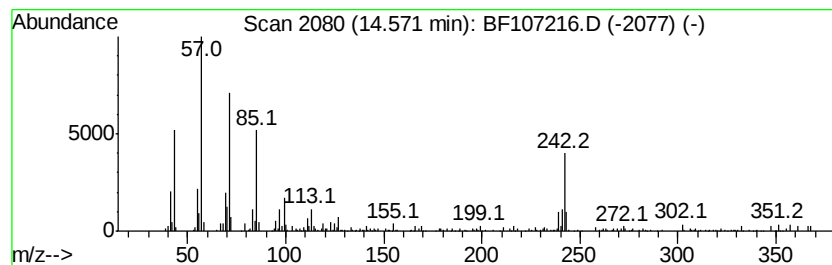
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.65 ng	85531	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70
3			Hexacosane	366	C26H54	000630-01-3	70
4			Docosane	310	C22H46	000629-97-0	49
5			10-Methylnonadecane	282	C20H42	056862-62-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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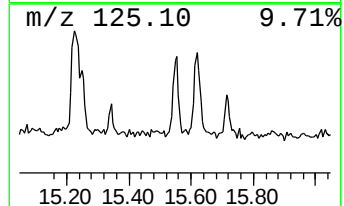
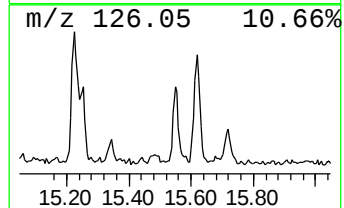
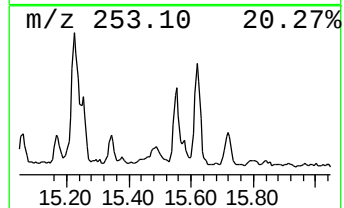
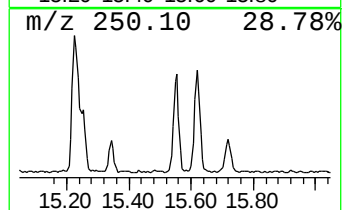
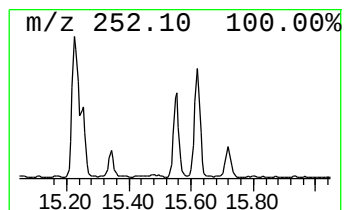
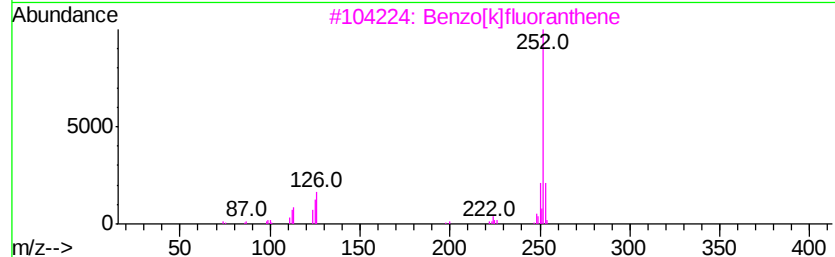
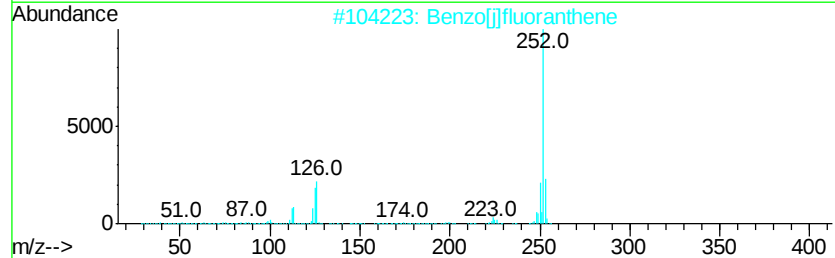
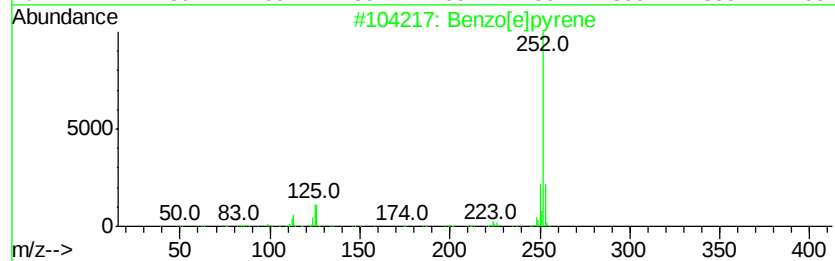
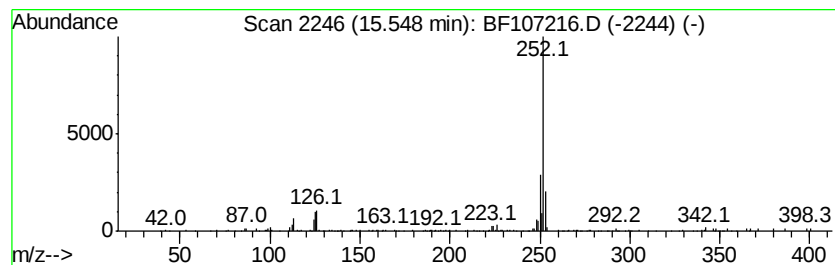
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	8.82 ng	77373	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107216.D
Acq On : 7 Jul 2018 19:32
Operator : JU/SJ
Sample : J3880-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-15

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...	5.19	10.9	ng	153213	1	6.95	281604	20.0
unknown6.73	6.73	69.5	ng	979021	1	6.95	281604	20.0
Phenanthrene, 3-m...	11.99	2.0	ng	36119	4	11.49	360404	20.0
Phenanthrene, 1-m...	12.02	2.2	ng	40285	4	11.49	360404	20.0
4H-Cyclopenta[def...	12.11	3.7	ng	66062	4	11.49	360404	20.0
9,10-Dimethylanthe...	12.54	3.0	ng	53095	4	11.49	360404	20.0
Cyclopenta(def)ph...	12.64	2.9	ng	52046	4	11.49	360404	20.0
Pyrene, 1-methyl-	13.16	2.4	ng	56868	5	14.14	468110	20.0
Nonadecane, 1-chl...	13.95	5.0	ng	116038	5	14.14	468110	20.0
Heptadecane, 9-oc...	14.57	3.6	ng	85531	5	14.14	468110	20.0
Benzo[e]pyrene	15.55	8.8	ng	77373	6	15.68	175352	20.0