

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107873.D
 Acq On : 1 Aug 2018 1:54
 Operator : JU/SJ
 Sample : J3825-19 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-E

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-BF073018.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	494	rBV	188193	214967	14.72%	1.011%
2	5.595	551	554	580	rBV	419472	1042904	71.41%	4.905%
3	6.601	722	725	745	rBV	407143	1152263	78.90%	5.420%
4	6.736	745	748	769	rVB	906233	1372905	94.01%	6.457%
5	6.966	783	787	809	rBV	494399	847325	58.02%	3.985%
6	7.119	809	813	841	rVB	820508	1142624	78.24%	5.374%
7	7.531	879	883	906	rBV	197186	678755	46.48%	3.193%
8	7.678	906	908	915	rVB3	17978	27708	1.90%	0.130%
9	8.248	1001	1005	1030	rBV	648627	1117988	76.55%	5.258%
10	9.060	1137	1143	1152	rVB	13628	18639	1.28%	0.088%
11	9.313	1183	1186	1214	rBV	909869	1421390	97.33%	6.686%
12	9.660	1241	1245	1248	rBV	23529	27187	1.86%	0.128%
13	9.707	1250	1253	1263	rVB	58983	82601	5.66%	0.389%
14	9.860	1276	1279	1283	rBV2	10820	15839	1.08%	0.074%
15	10.001	1299	1303	1308	rBV	810439	909886	62.30%	4.280%
16	10.107	1318	1321	1326	rVB5	11009	14804	1.01%	0.070%
17	10.160	1326	1330	1334	rVB4	11167	17610	1.21%	0.083%
18	10.201	1334	1337	1340	rBV3	17933	22829	1.56%	0.107%
19	10.242	1341	1344	1353	rVB4	20517	33163	2.27%	0.156%
20	10.313	1353	1356	1360	rBV	17355	20304	1.39%	0.095%
21	10.348	1360	1362	1368	rVB5	12363	14743	1.01%	0.069%
22	10.407	1368	1372	1379	rBV4	19324	27289	1.87%	0.128%
23	10.560	1393	1398	1403	rBV3	28412	50165	3.43%	0.236%
24	10.619	1403	1408	1414	rVV7	19022	40495	2.77%	0.190%
25	10.713	1421	1424	1428	rVB4	19825	24200	1.66%	0.114%
26	10.801	1435	1439	1451	rBV	428690	689637	47.22%	3.244%
27	10.883	1451	1453	1463	rVB7	25800	51665	3.54%	0.243%
28	11.107	1484	1491	1493	rBV7	24461	45927	3.14%	0.216%
29	11.130	1493	1495	1498	rVV4	15888	19592	1.34%	0.092%
30	11.224	1507	1511	1513	rBV4	15844	18433	1.26%	0.087%
31	11.248	1513	1515	1520	rVV5	17081	19245	1.32%	0.091%
32	11.401	1538	1541	1550	rVB2	29901	53111	3.64%	0.250%
33	11.501	1554	1558	1560	rBV	760384	834698	57.15%	3.926%
34	11.524	1560	1562	1569	rVV	704562	875063	59.92%	4.116%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.577	1569	1571	1584	rVB	105076	221011	15.13%	1.040%
36	11.760	1593	1602	1605	rBV8	33279	66912	4.58%	0.315%
37	11.789	1605	1607	1609	rVB	22745	16497	1.13%	0.078%
38	11.830	1611	1614	1619	rVV2	27147	37046	2.54%	0.174%
39	11.960	1634	1636	1640	rBV4	13209	18313	1.25%	0.086%
40	12.001	1640	1643	1646	rBV	151648	192842	13.20%	0.907%
41	12.030	1646	1648	1654	rVV	157021	197889	13.55%	0.931%
42	12.077	1654	1656	1659	rVV	44507	50898	3.49%	0.239%
43	12.113	1659	1662	1665	rVV2	181889	263567	18.05%	1.240%
44	12.136	1665	1666	1670	rVB	115398	86394	5.92%	0.406%
45	12.236	1680	1683	1686	rBV	16942	19348	1.32%	0.091%
46	12.295	1690	1693	1697	rBV	66792	100624	6.89%	0.473%
47	12.442	1716	1718	1722	rBV	25829	25595	1.75%	0.120%
48	12.477	1722	1724	1726	rBV	32736	27670	1.89%	0.130%
49	12.501	1726	1728	1733	rVB4	36406	40509	2.77%	0.191%
50	12.554	1733	1737	1740	rBV	162965	221518	15.17%	1.042%
51	12.642	1749	1752	1761	rVB4	79203	154068	10.55%	0.725%
52	12.718	1761	1765	1774	rBV	984380	1178968	80.73%	5.545%
53	12.948	1798	1804	1810	rBV	934550	1322269	90.54%	6.219%
54	13.083	1823	1827	1837	rBV	1137698	1386771	94.96%	6.523%
55	13.171	1837	1842	1847	rVV4	87985	174349	11.94%	0.820%
56	13.383	1876	1878	1882	rVB	72788	59145	4.05%	0.278%
57	13.477	1891	1894	1896	rBV	94064	95184	6.52%	0.448%
58	13.507	1897	1899	1907	rVB3	101279	167262	11.45%	0.787%
59	13.959	1974	1976	1981	rBV4	113502	108090	7.40%	0.508%
60	14.154	2004	2009	2012	rBV2	962167	1460432	100.00%	6.869%
61	15.695	2267	2271	2282	rVB	330110	621619	42.56%	2.924%

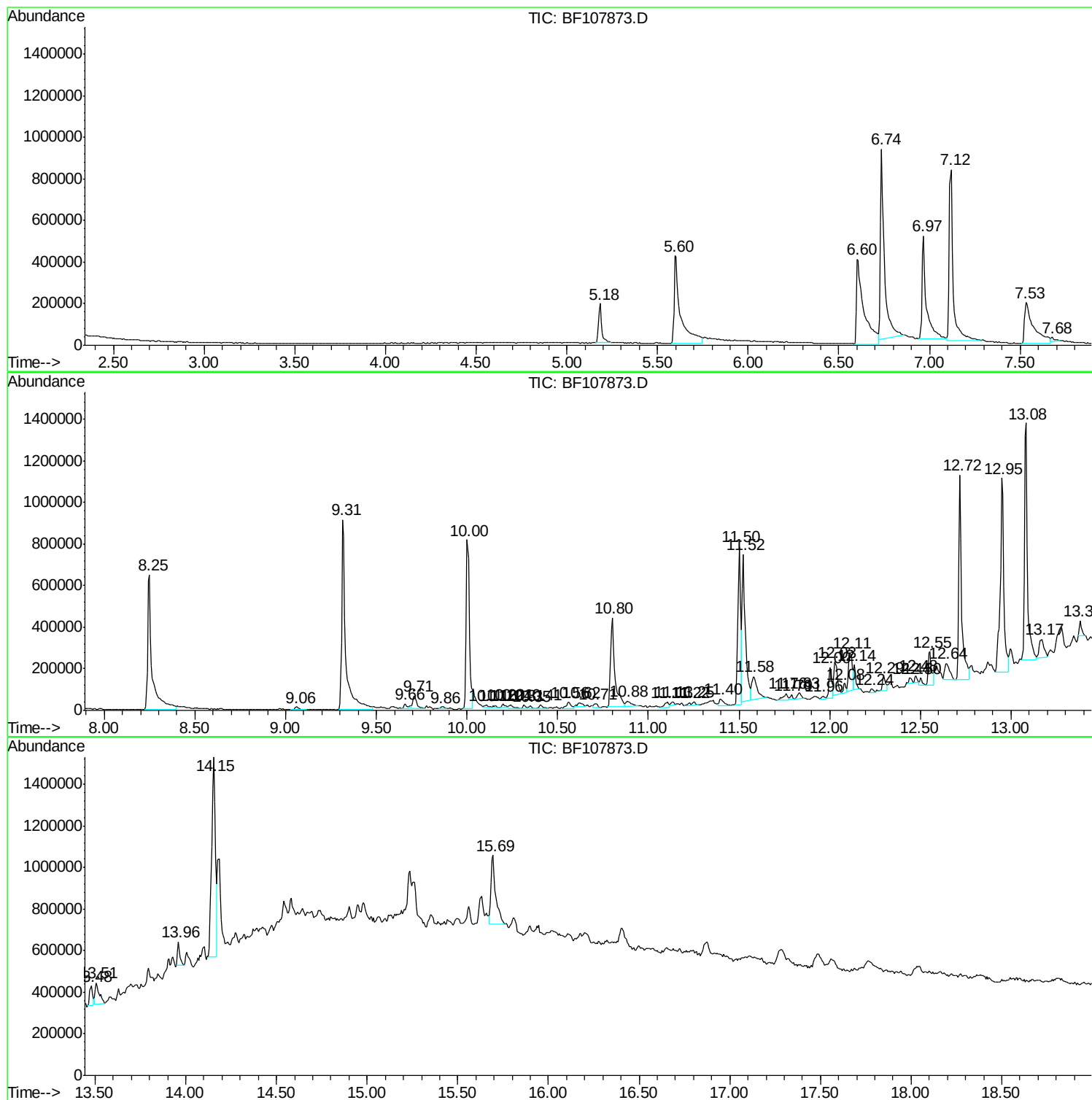
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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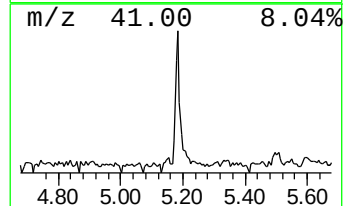
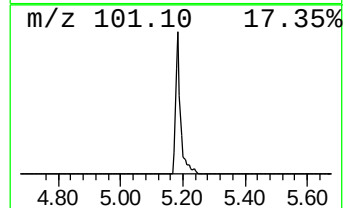
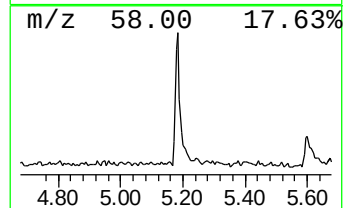
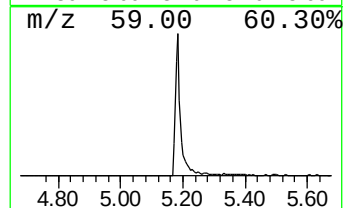
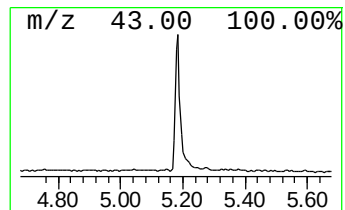
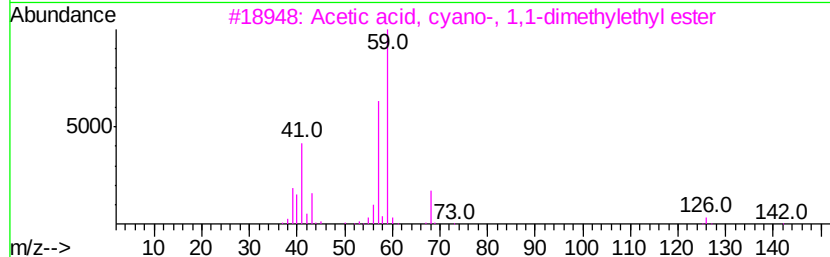
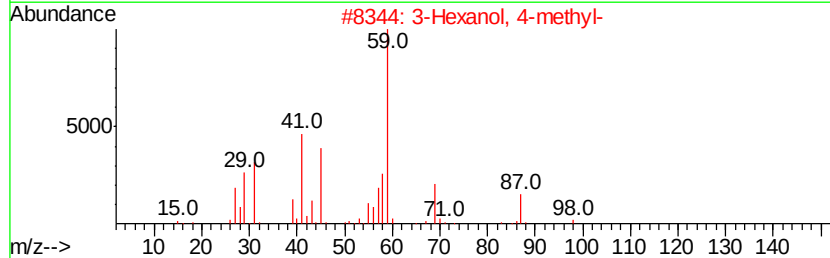
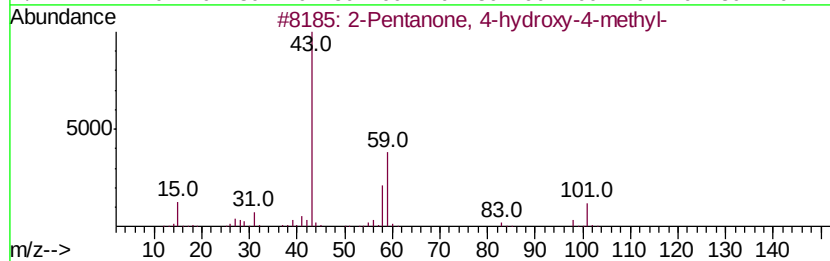
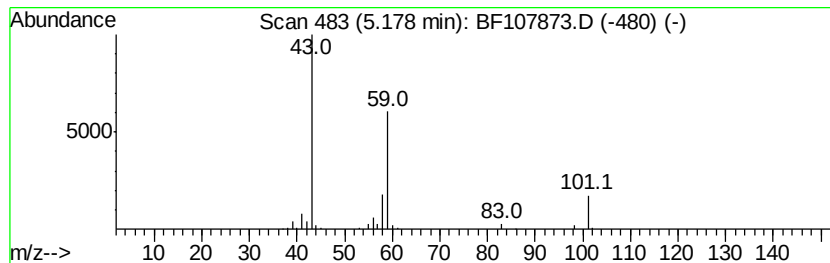
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.07 ng	214967	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Acetone	58	C3H6O	000067-64-1	9



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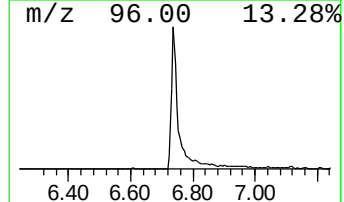
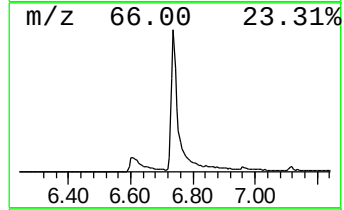
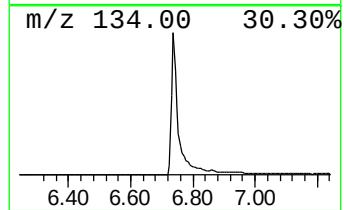
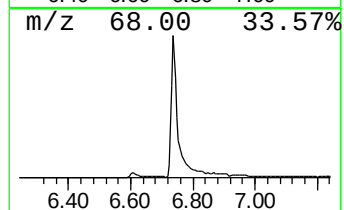
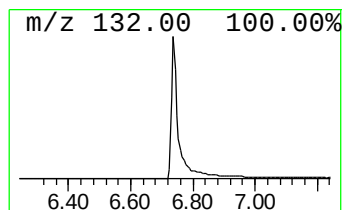
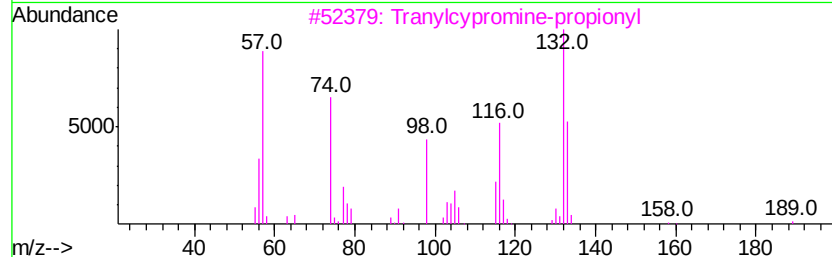
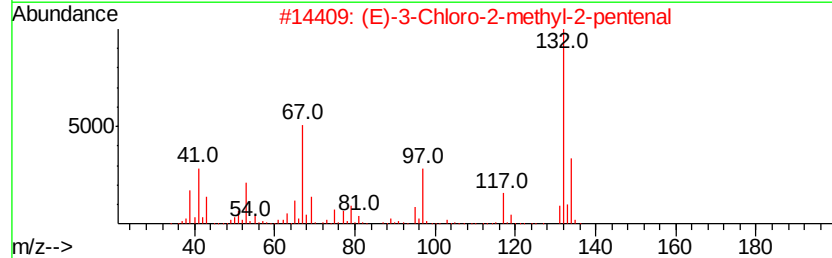
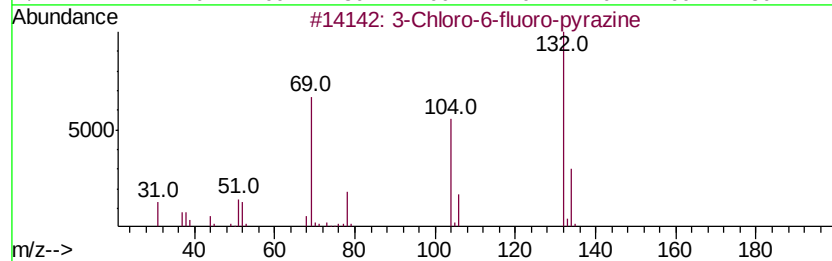
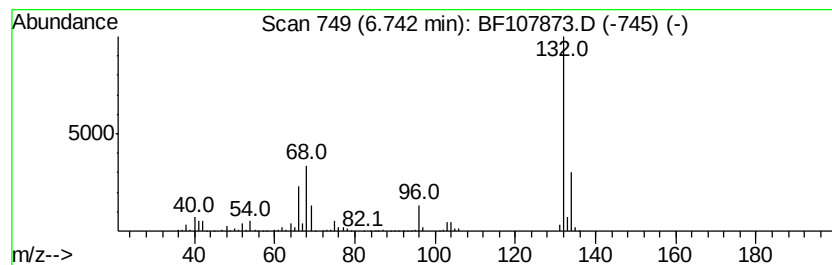
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	32.41 ng	1372910	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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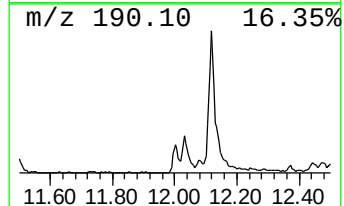
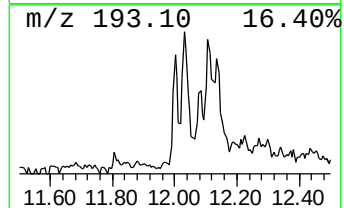
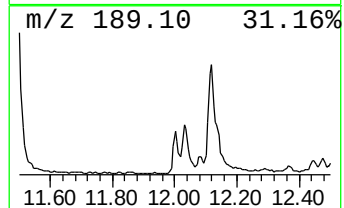
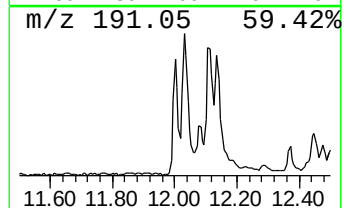
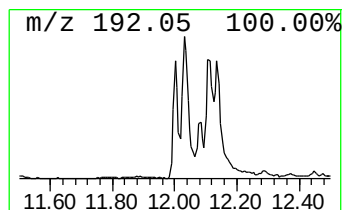
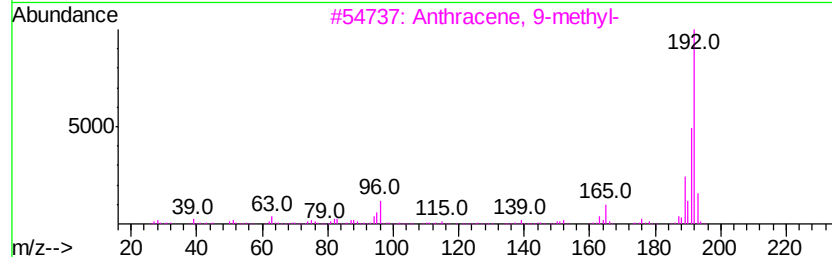
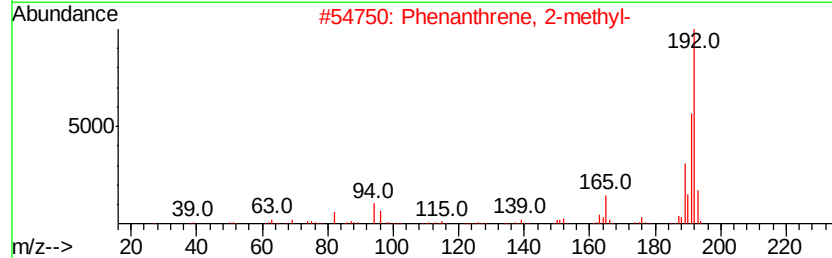
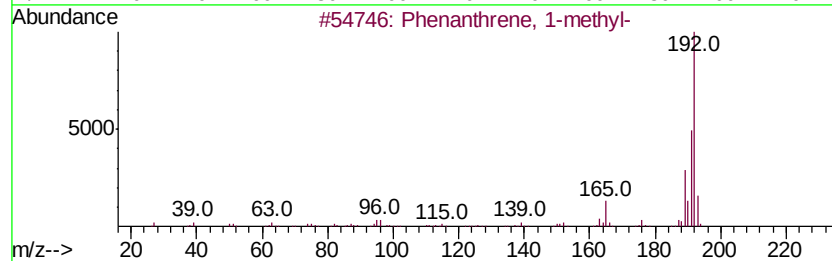
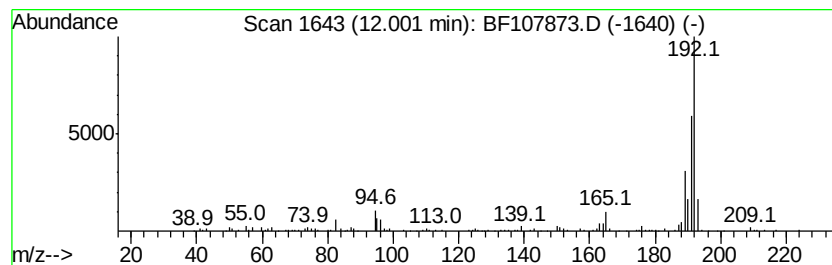
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	4.62 ng	192842	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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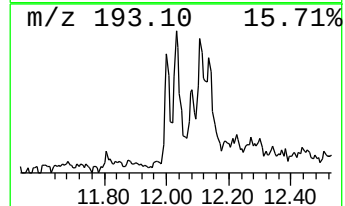
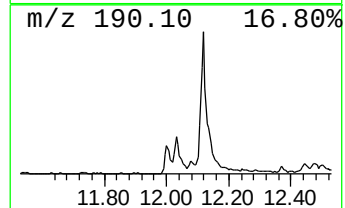
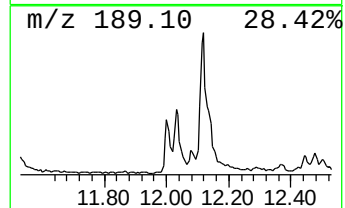
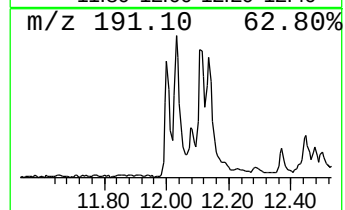
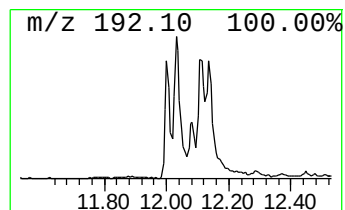
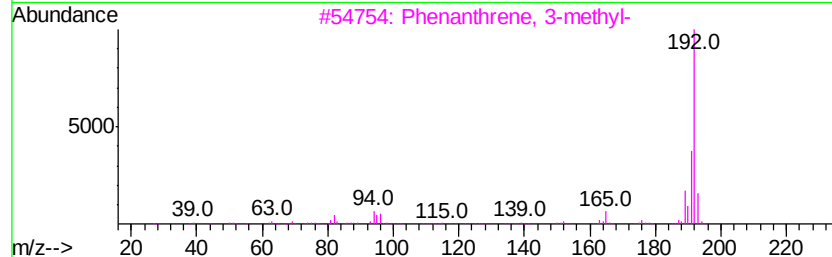
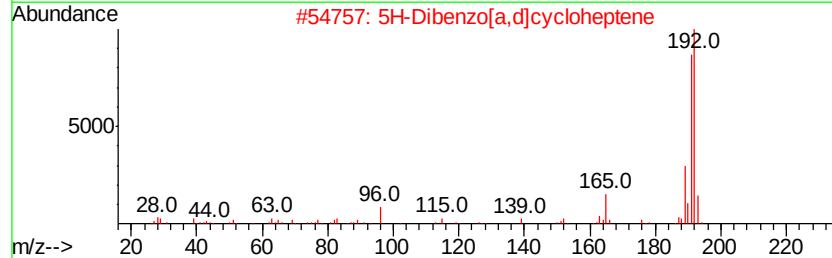
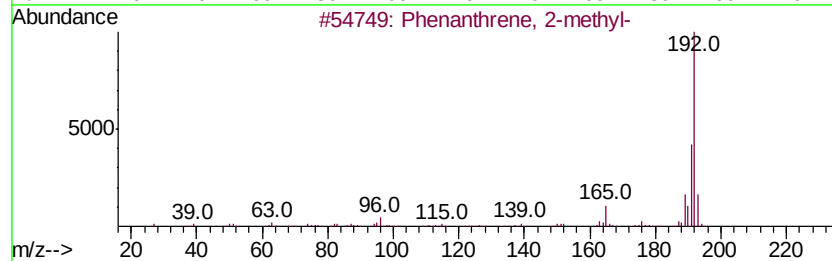
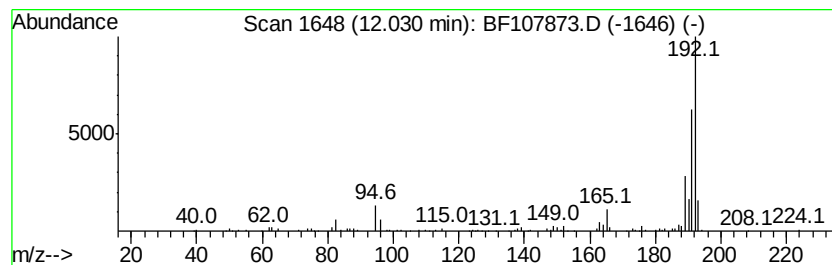
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	4.74 ng	197889	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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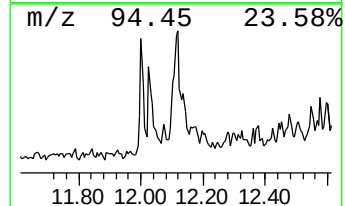
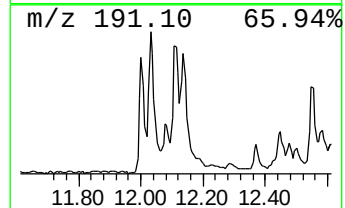
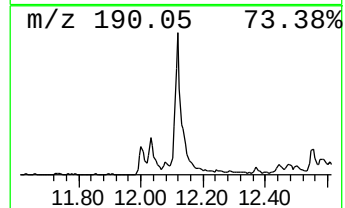
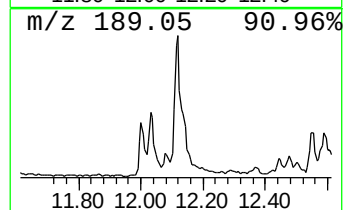
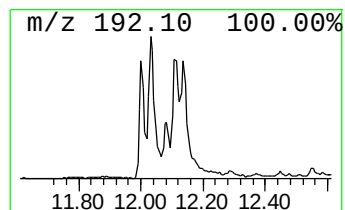
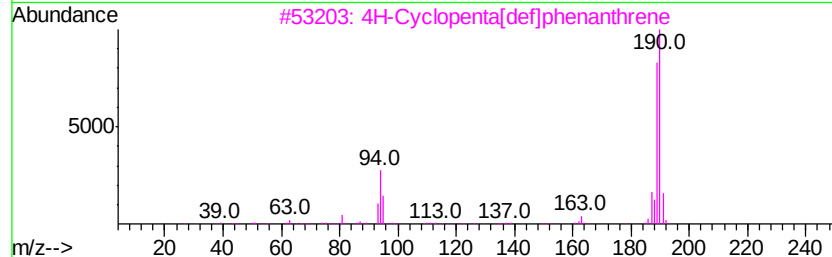
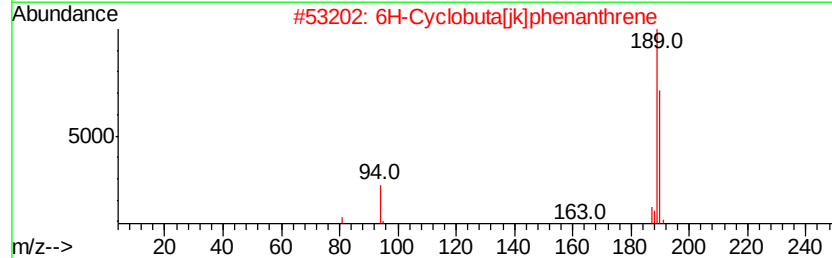
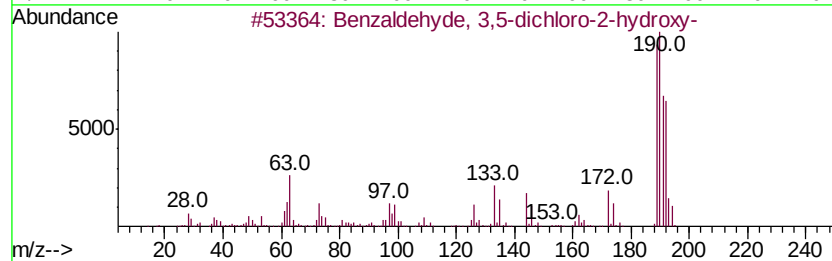
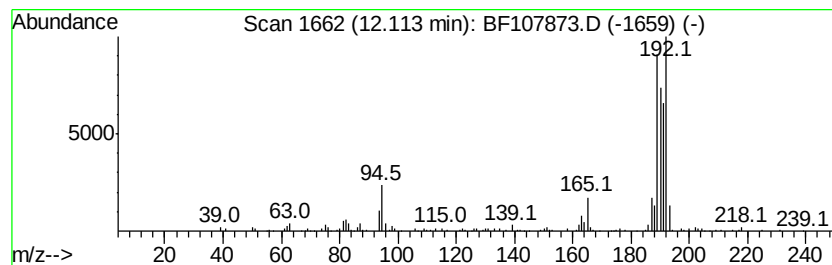
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CL-01-073018-E

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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 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	6.32 ng	263567	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107873.D
Acq On : 1 Aug 2018 1:54
Operator : JU/SJ
Sample : J3825-19 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampled :
CL-01-073018-E

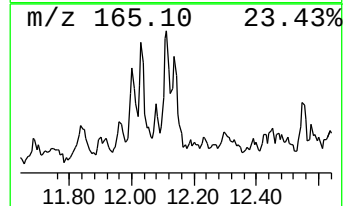
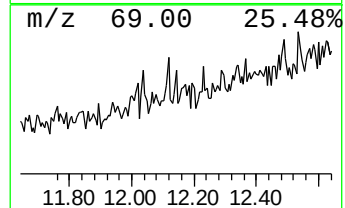
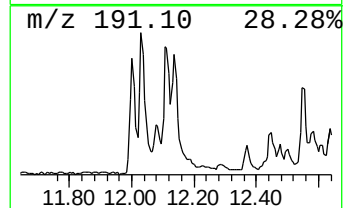
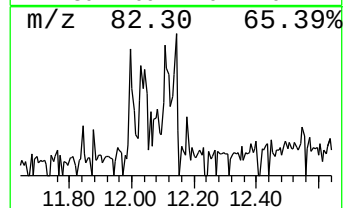
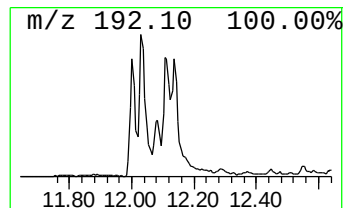
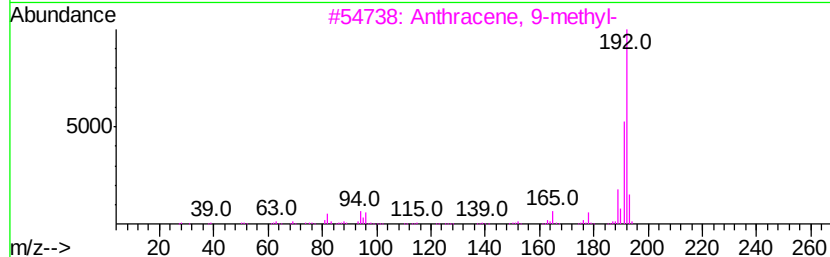
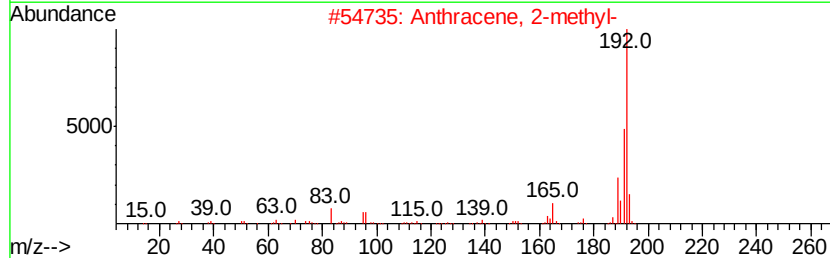
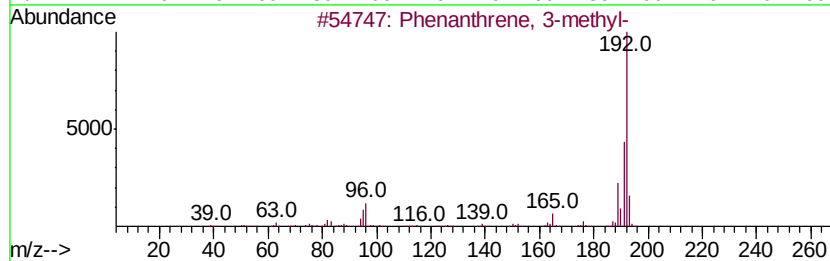
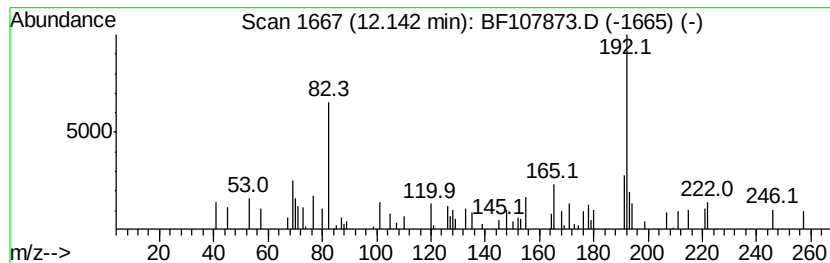
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.07 ng	86394	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107873.D
Acq On : 1 Aug 2018 1:54
Operator : JU/SJ
Sample : J3825-19 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

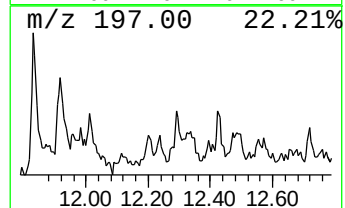
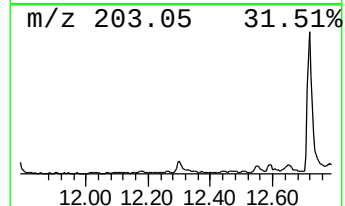
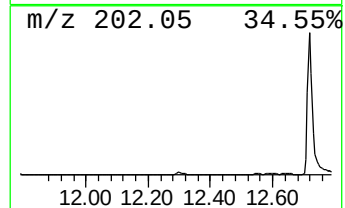
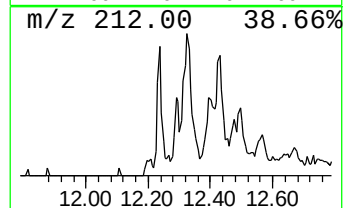
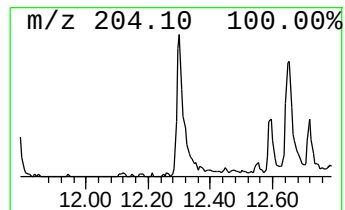
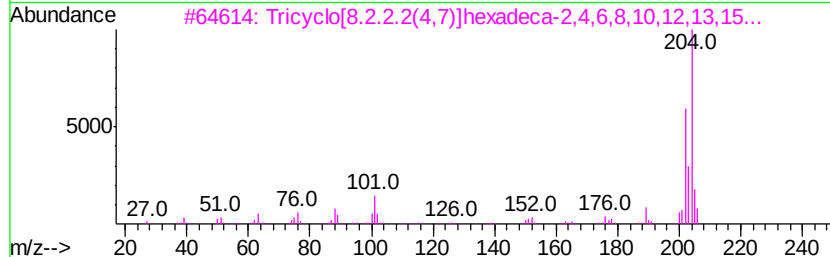
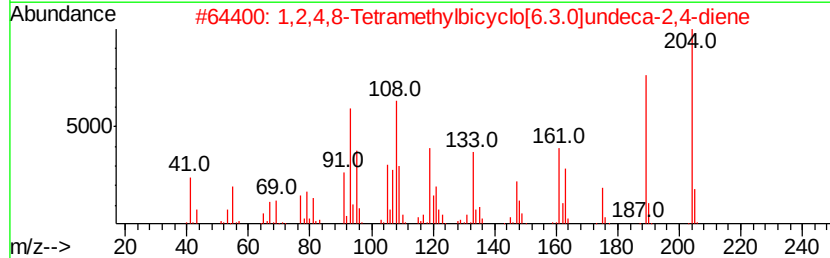
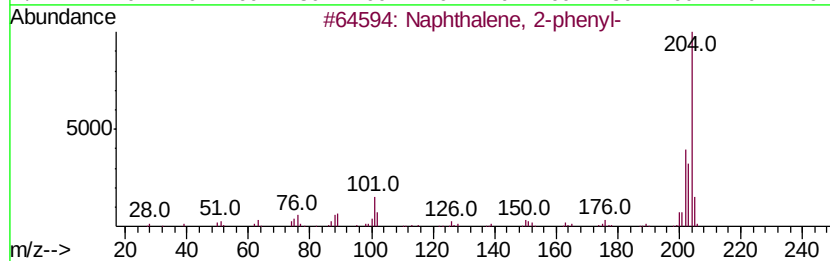
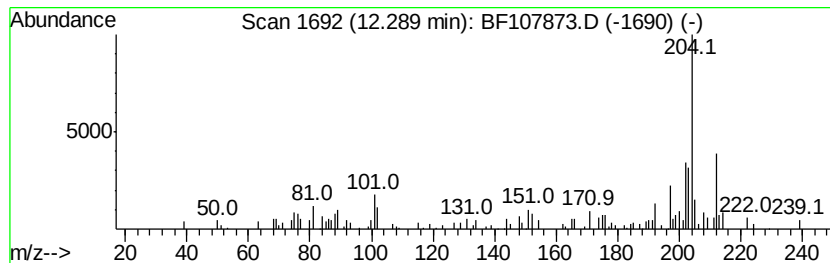
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	2.41 ng	100624	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	1,2,4,8-Tetramethylbicyclo[6.3.0.0.1.2]	204	C15H24	137235-51-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107873.D
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Operator : JU/SJ
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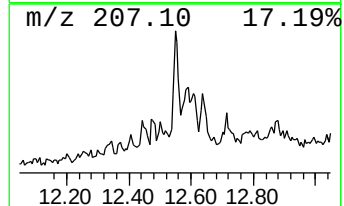
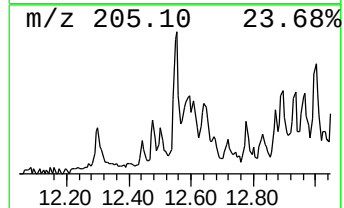
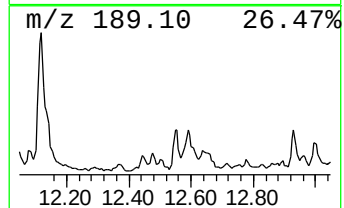
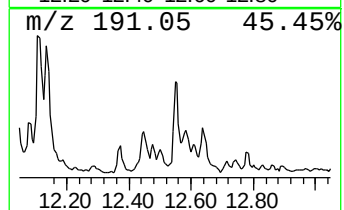
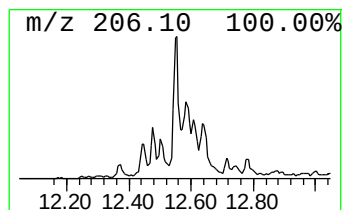
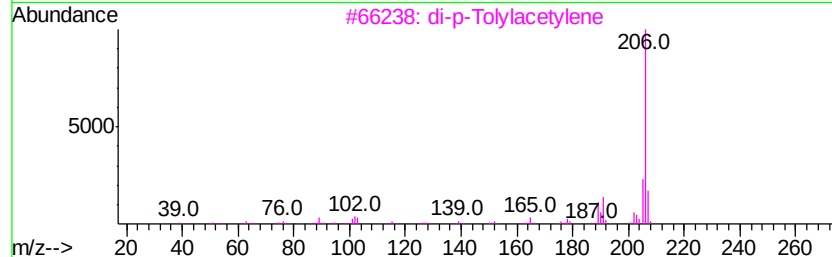
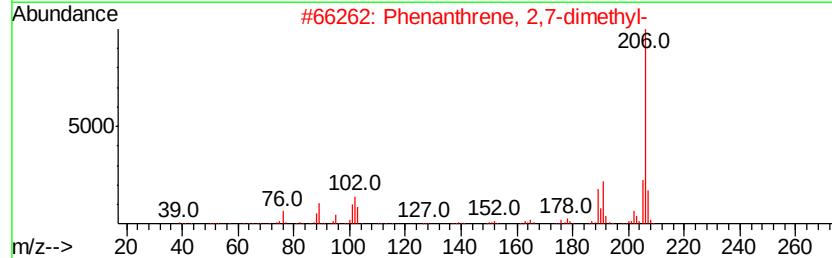
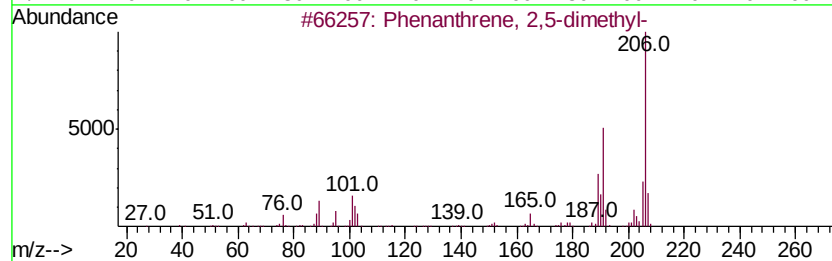
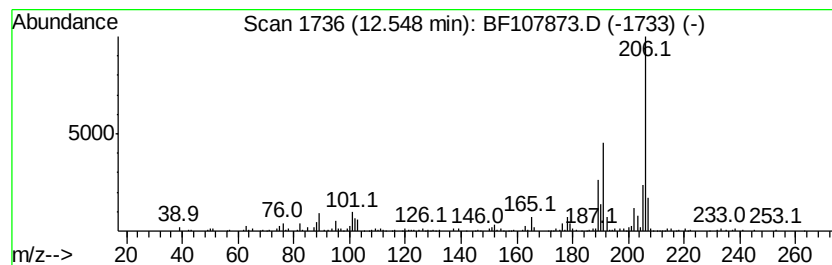
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.31 ng	221518	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
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Sample : J3825-19 2X
Misc :
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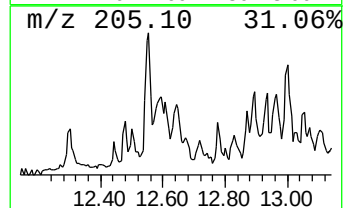
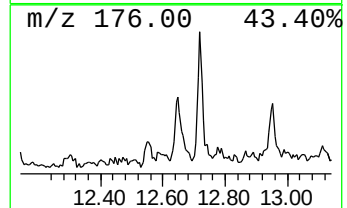
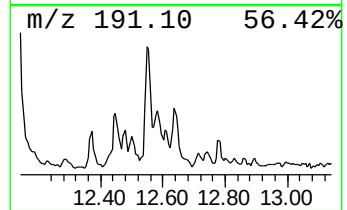
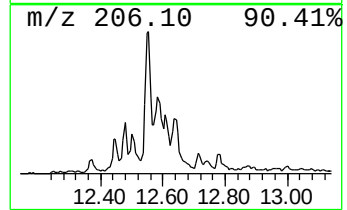
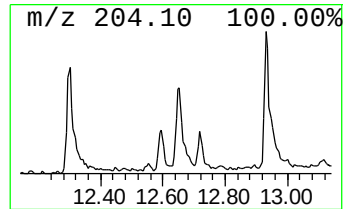
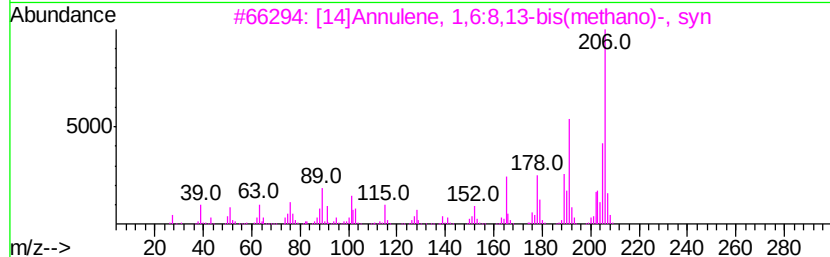
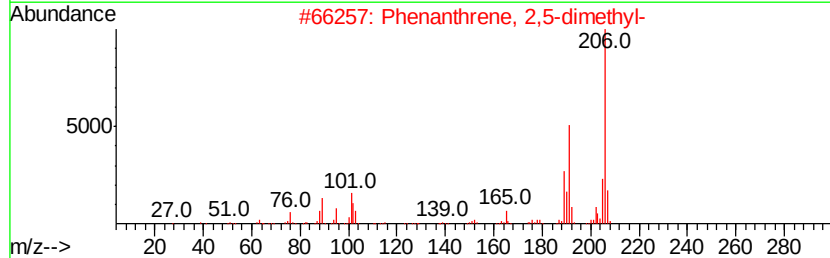
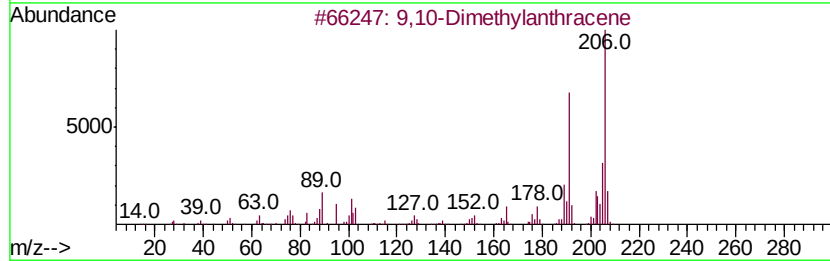
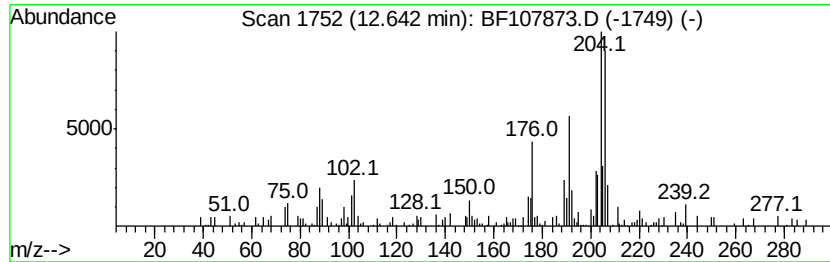
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	3.69 ng	154068	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	55
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	50
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43



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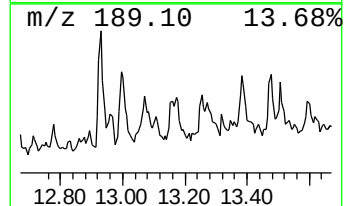
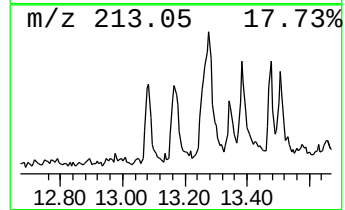
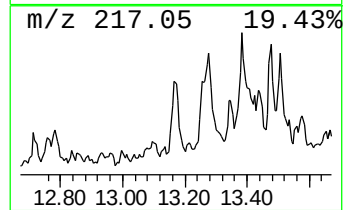
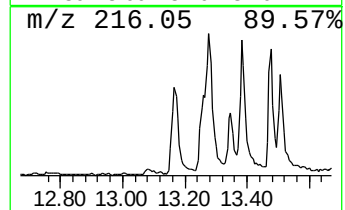
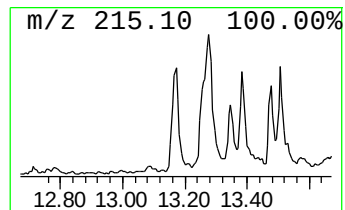
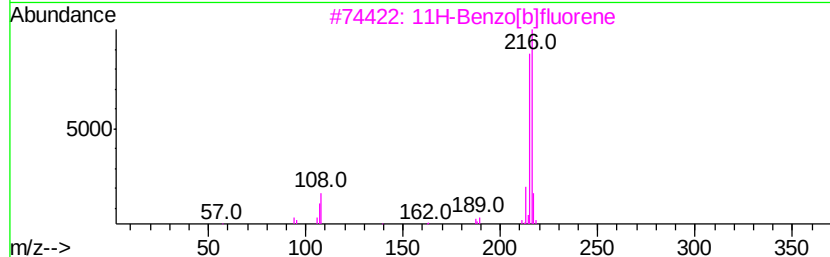
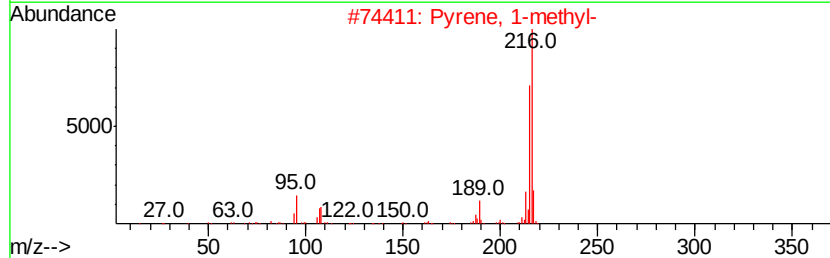
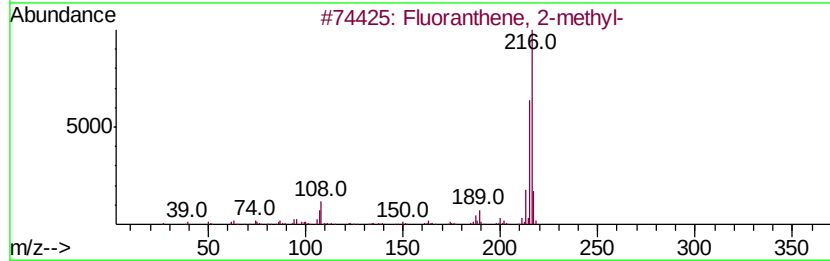
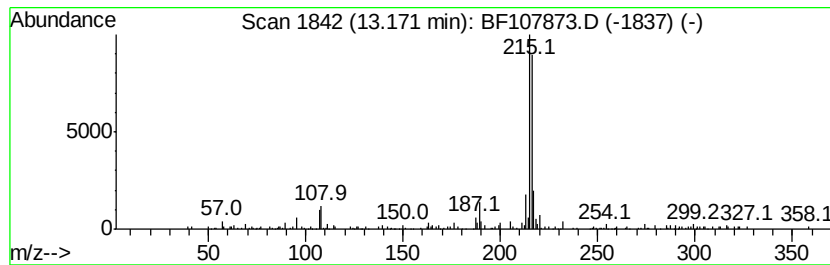
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.39 ng	174349	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



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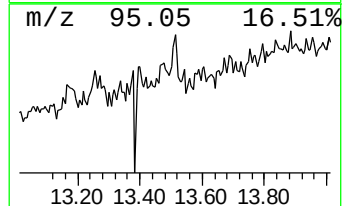
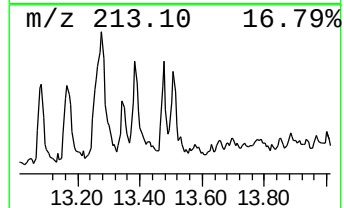
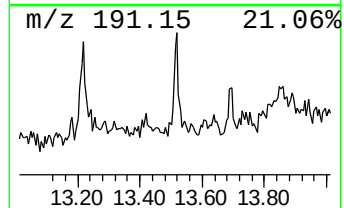
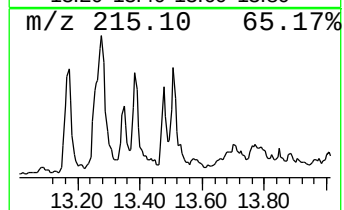
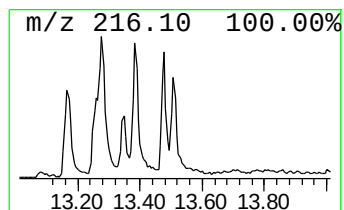
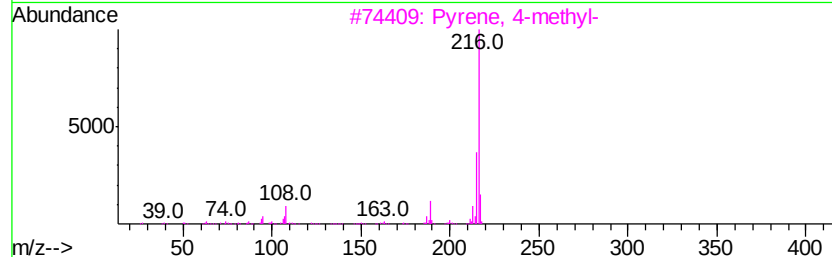
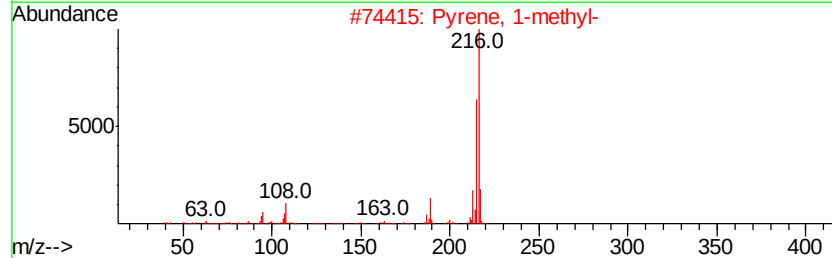
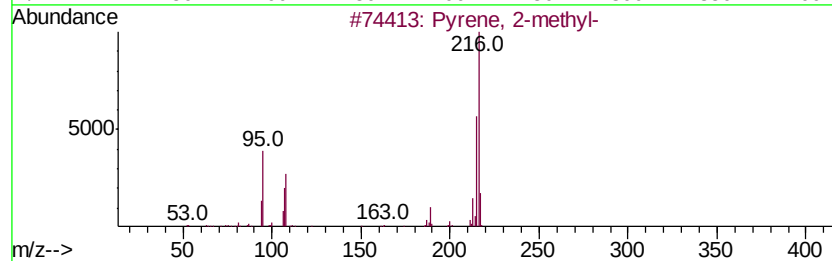
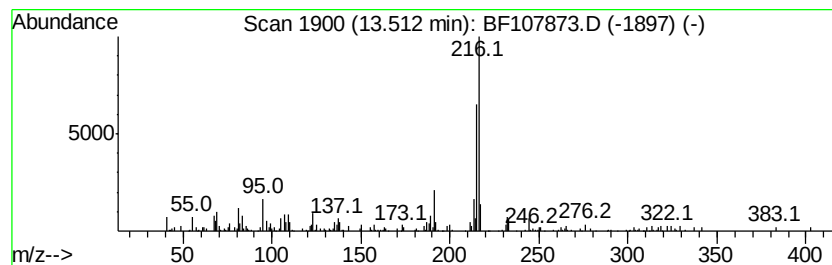
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.29 ng	167262	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 2-methyl-	216 C17H12	003442-78-2 95
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 92
3		Pyrene, 4-methyl-	216 C17H12	003353-12-6 91
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 90
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107873.D
 Acq On : 1 Aug 2018 1:54
 Operator : JU/SJ
 Sample : J3825-19 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	5.1 ng		214967	1	6.97	847325	20.0
unknown6.74	6.74	32.4 ng		1372910	1	6.97	847325	20.0
Phenanthrene, 1-m...	12.00	4.6 ng		192842	4	11.50	834698	20.0
Phenanthrene, 2-m...	12.03	4.7 ng		197889	4	11.50	834698	20.0
Benzaldehyde, 3,5...	12.11	6.3 ng		263567	4	11.50	834698	20.0
Phenanthrene, 3-m...	12.14	2.1 ng		86394	4	11.50	834698	20.0
Naphthalene, 2-ph...	12.29	2.4 ng		100624	4	11.50	834698	20.0
Phenanthrene, 2,5...	12.55	5.3 ng		221518	4	11.50	834698	20.0
9,10-Dimethylanthe...	12.64	3.7 ng		154068	4	11.50	834698	20.0
Fluoranthene, 2-m...	13.17	2.4 ng		174349	5	14.15	1460430	20.0
Pyrene, 2-methyl-	13.51	2.3 ng		167262	5	14.15	1460430	20.0