

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107859.D
 Acq On : 31 Jul 2018 19:40
 Operator : JU/SJ
 Sample : J4143-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02(3-5)

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	481	484	495	rBV	269760	309138	12.85%	0.885%
2	5.595	551	554	587	rBV	827701	1629561	67.72%	4.666%
3	6.601	721	725	744	rBV	850724	1798593	74.74%	5.150%
4	6.736	744	748	783	rVV	1441703	2308945	95.95%	6.612%
5	6.960	783	786	808	rVV	622025	1028903	42.76%	2.946%
6	7.113	808	812	828	rBV	1343358	1512474	62.85%	4.331%
7	7.525	879	882	902	rBV	507188	1151495	47.85%	3.297%
8	7.678	906	908	914	rVB3	20860	30349	1.26%	0.087%
9	8.242	1000	1004	1030	rBV	1105202	1592737	66.19%	4.561%
10	8.960	1121	1126	1132	rBV3	17845	35320	1.47%	0.101%
11	9.313	1182	1186	1203	rBV	2018977	2406419	100.00%	6.891%
12	9.707	1247	1253	1262	rBV	126369	168306	6.99%	0.482%
13	9.866	1276	1280	1285	rBV	166075	203665	8.46%	0.583%
14	10.001	1299	1303	1318	rBV	1465150	1606324	66.75%	4.600%
15	10.407	1368	1372	1377	rVB	30536	34774	1.45%	0.100%
16	10.554	1394	1397	1404	rVV3	24000	39009	1.62%	0.112%
17	10.795	1434	1438	1451	rBV	1016189	1480280	61.51%	4.239%
18	10.883	1451	1453	1464	rVB6	51166	112941	4.69%	0.323%
19	11.395	1537	1540	1545	rVB2	23886	34318	1.43%	0.098%
20	11.495	1554	1557	1560	rBV	1275143	1396126	58.02%	3.998%
21	11.518	1560	1561	1568	rVV	596751	667614	27.74%	1.912%
22	11.577	1568	1571	1584	rVB	134664	283363	11.78%	0.811%
23	11.760	1599	1602	1604	rVV2	35332	32646	1.36%	0.093%
24	11.783	1604	1606	1611	rVB	27452	28730	1.19%	0.082%
25	11.830	1611	1614	1623	rBV2	36577	60247	2.50%	0.173%
26	12.001	1639	1643	1645	rBV	121830	135588	5.63%	0.388%
27	12.030	1645	1648	1653	rVB2	95109	118496	4.92%	0.339%
28	12.077	1653	1656	1658	rBV	32660	27132	1.13%	0.078%
29	12.113	1658	1662	1664	rBV2	156878	188233	7.82%	0.539%
30	12.166	1669	1671	1674	rVB2	32585	29979	1.25%	0.086%
31	12.230	1679	1682	1685	rBV4	20127	25607	1.06%	0.073%
32	12.295	1690	1693	1696	rBV	50595	66204	2.75%	0.190%
33	12.471	1721	1723	1725	rBV	32080	24743	1.03%	0.071%
34	12.548	1733	1736	1739	rBV2	114800	137538	5.72%	0.394%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.713	1761	1764	1773	rBV	1067323	1228699	51.06%	3.518%
36	12.813	1778	1781	1787	rVB	94303	105148	4.37%	0.301%
37	12.865	1788	1790	1792	rBV2	40303	41227	1.71%	0.118%
38	12.948	1797	1804	1810	rBV	1094262	1346753	55.97%	3.856%
39	13.077	1822	1826	1837	rBV	1799006	1964952	81.65%	5.627%
40	13.165	1837	1841	1848	rVB2	80625	141767	5.89%	0.406%
41	13.271	1852	1859	1864	rBV2	169037	337186	14.01%	0.966%
42	13.342	1868	1871	1873	rBV	115541	114023	4.74%	0.327%
43	13.377	1875	1877	1881	rVB2	79441	80750	3.36%	0.231%
44	13.471	1891	1893	1896	rBV	80295	67620	2.81%	0.194%
45	13.507	1896	1899	1902	rBV	61910	74653	3.10%	0.214%
46	13.624	1917	1919	1921	rBV	53439	42847	1.78%	0.123%
47	13.901	1963	1966	1968	rBV	102514	111075	4.62%	0.318%
48	13.954	1972	1975	1981	rVB4	180764	254555	10.58%	0.729%
49	14.148	2003	2008	2011	rBV2	1311652	2007496	83.42%	5.748%
50	14.177	2011	2013	2020	rVB	645857	762044	31.67%	2.182%
51	15.230	2188	2192	2208	rVB	672147	1695786	70.47%	4.856%
52	15.342	2208	2211	2217	rBV	198106	280914	11.67%	0.804%
53	15.554	2243	2247	2254	rVB	364995	555915	23.10%	1.592%
54	15.624	2254	2259	2266	rBV	571438	1019570	42.37%	2.920%
55	15.689	2266	2270	2274	rBV	667086	957826	39.80%	2.743%
56	17.271	2533	2539	2549	rBV	265814	626503	26.03%	1.794%
57	17.753	2616	2621	2631	rVB	160510	399446	16.60%	1.144%

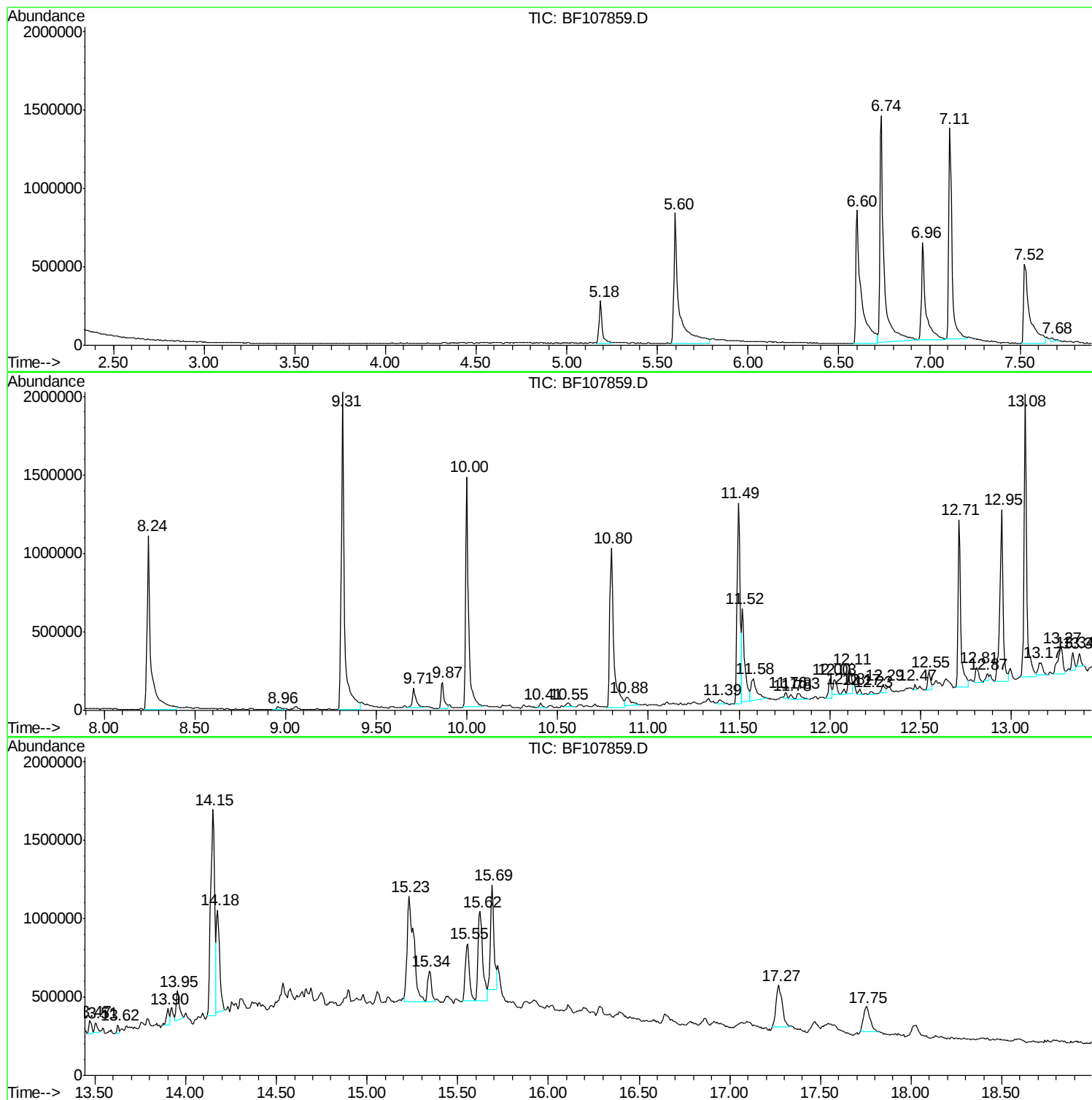
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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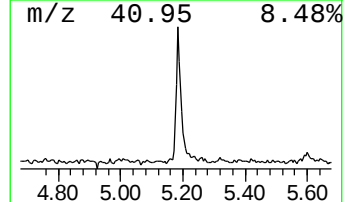
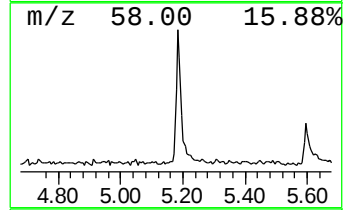
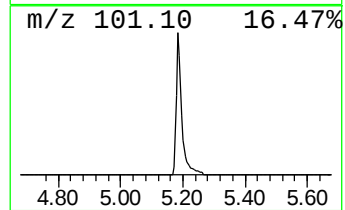
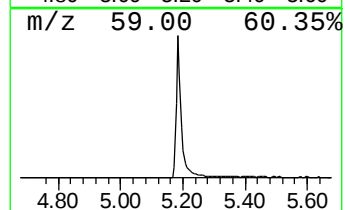
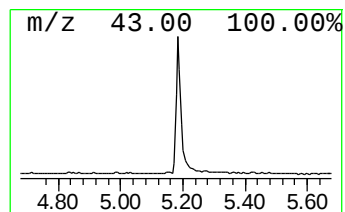
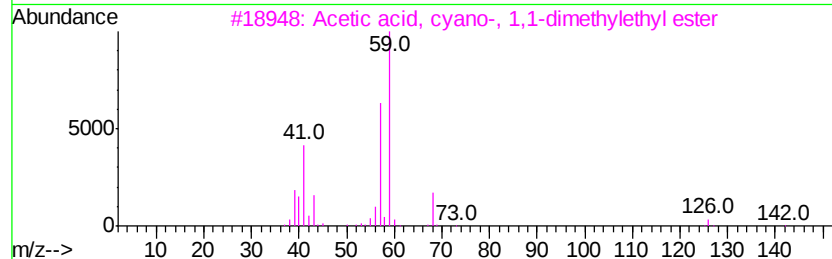
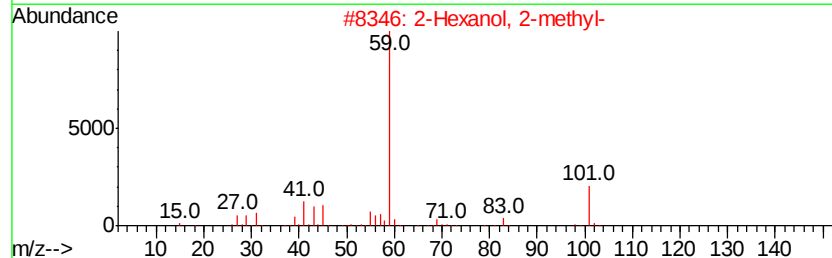
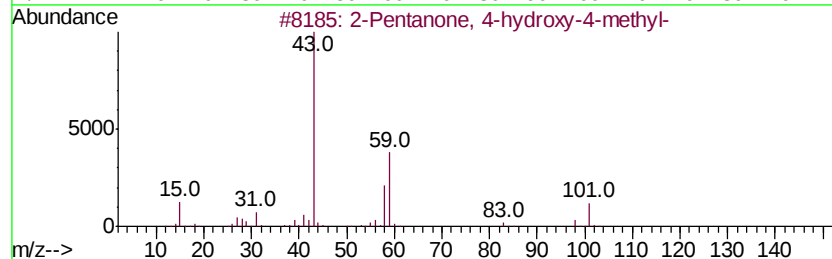
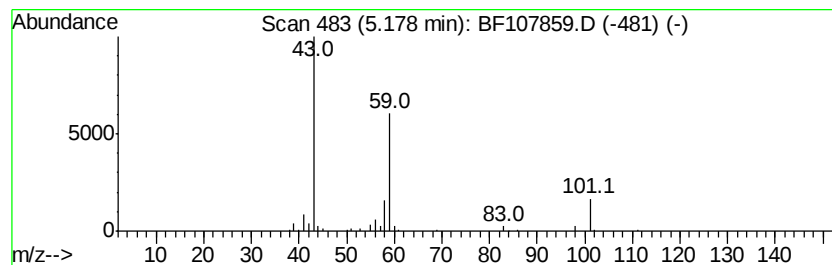
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	6.01 ng	309138	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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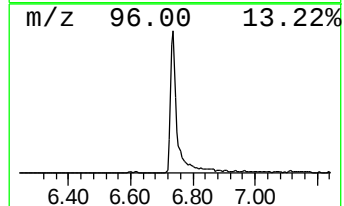
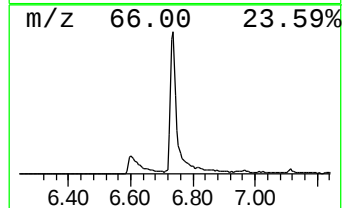
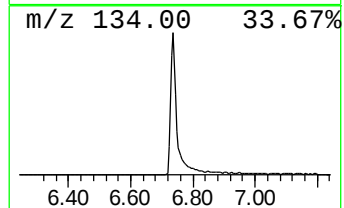
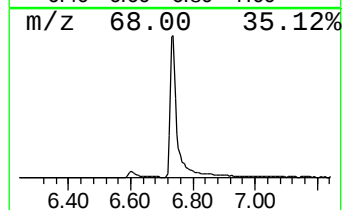
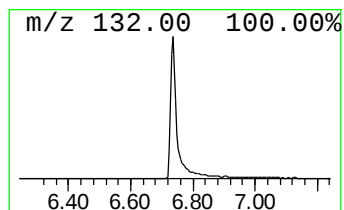
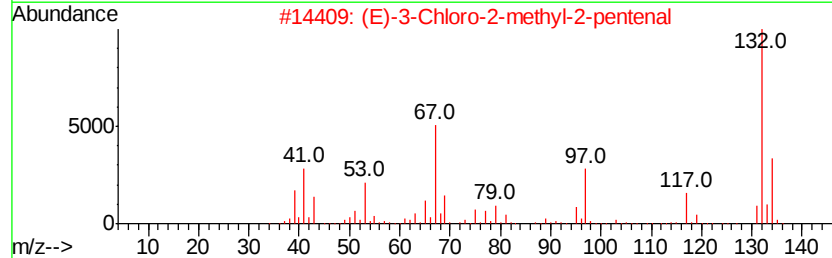
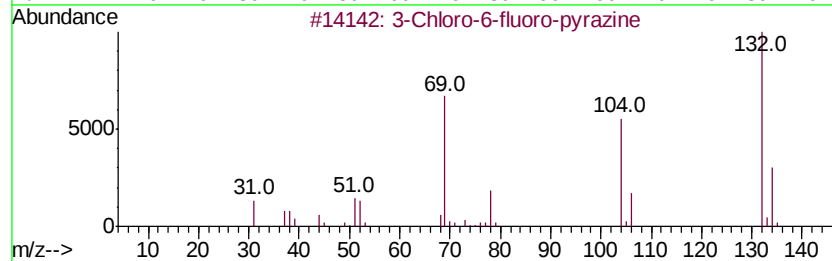
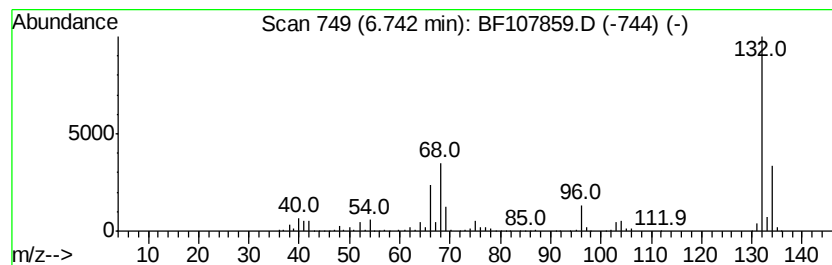
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	44.88 ng	2308950	1,4-Dichlorobenzene-d4	6.96

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	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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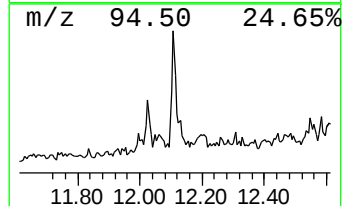
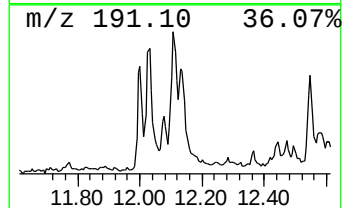
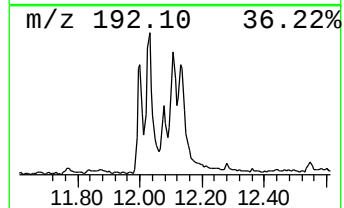
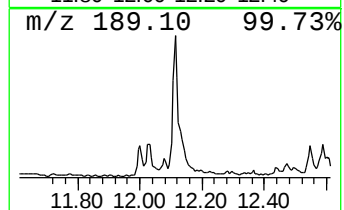
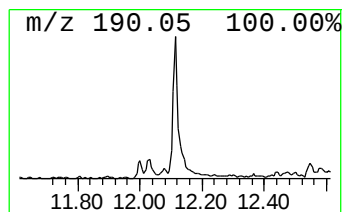
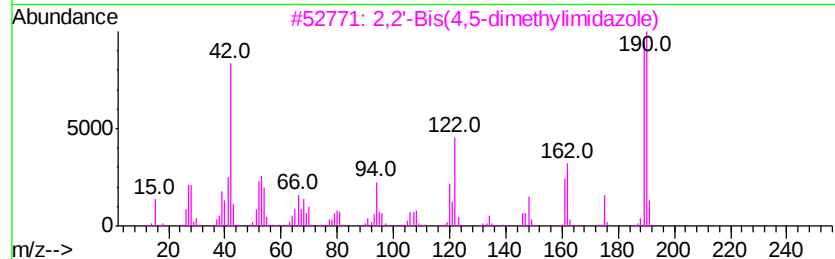
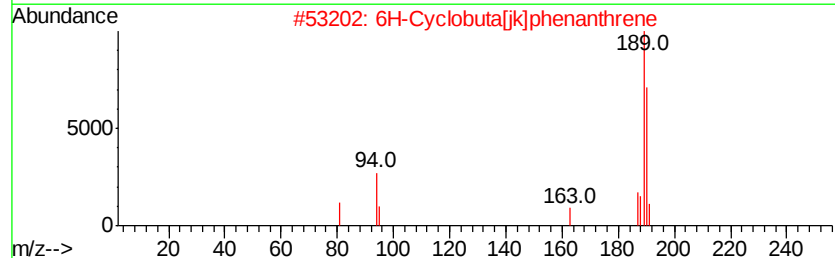
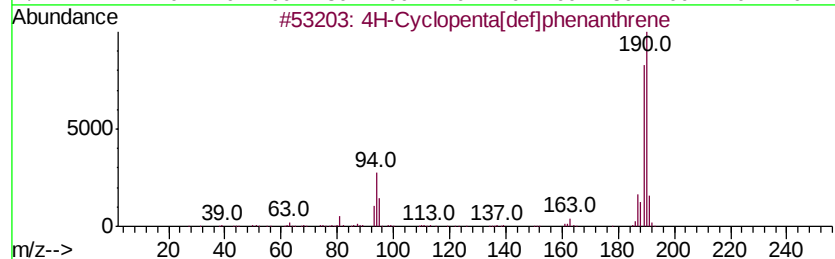
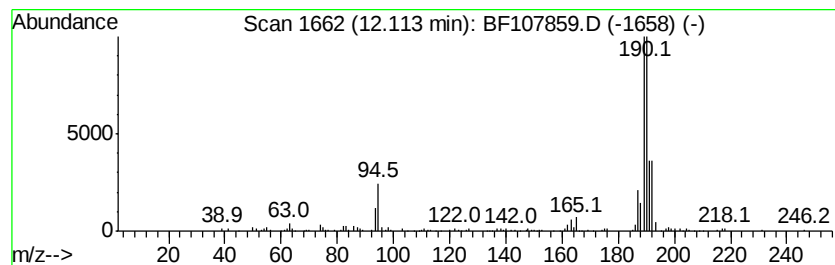
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.70 ng	188233	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4		1-Aminocyclopentanecarboxylic ac...	403	C21H38ClN04	1000329-17-3	27
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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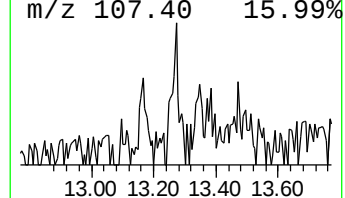
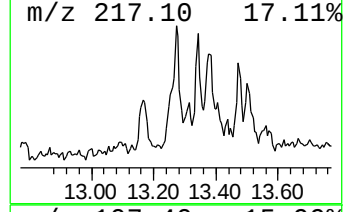
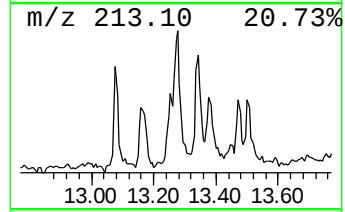
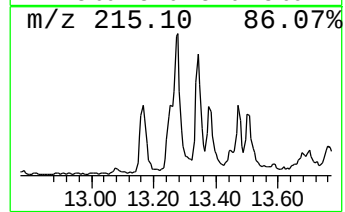
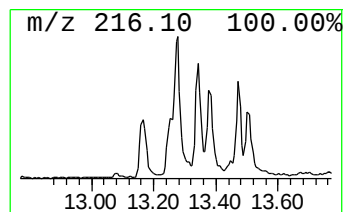
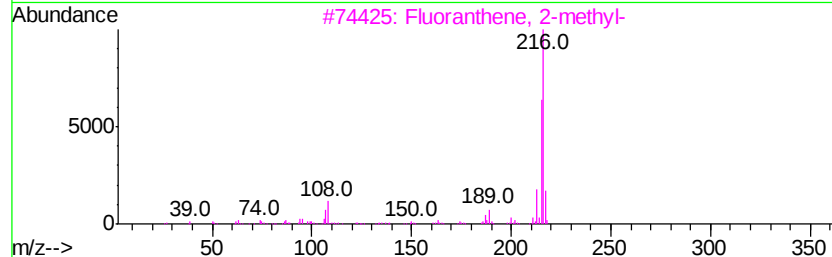
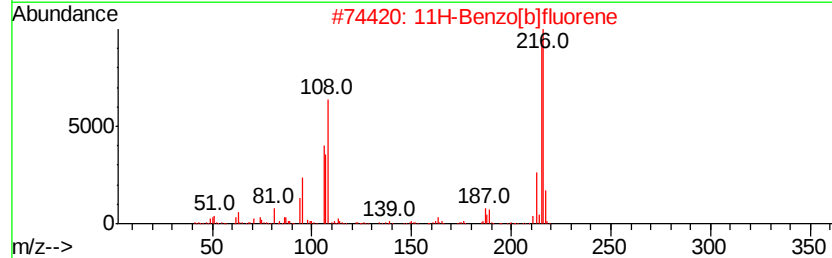
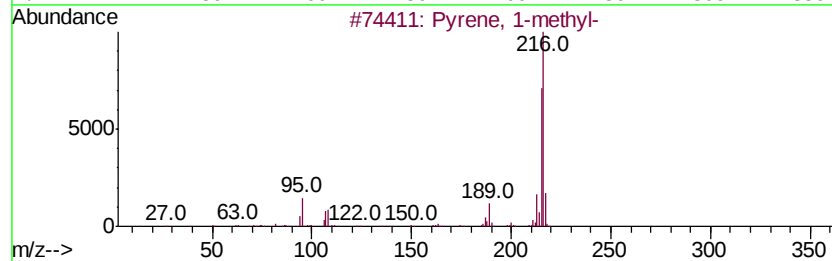
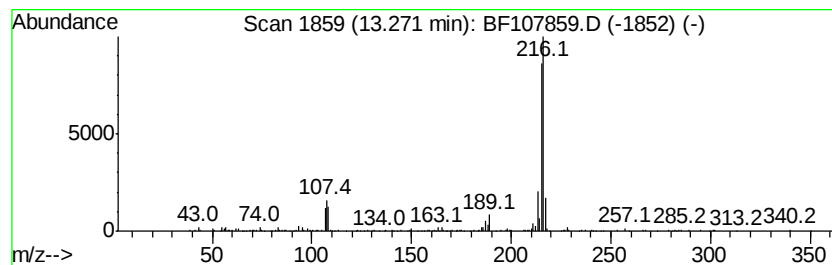
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.36 ng	337186	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



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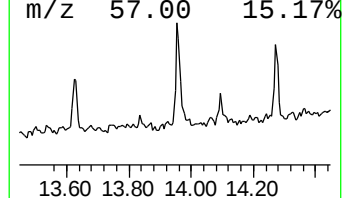
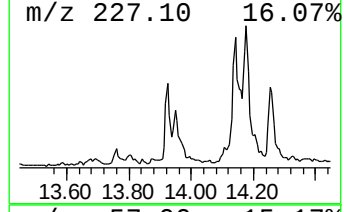
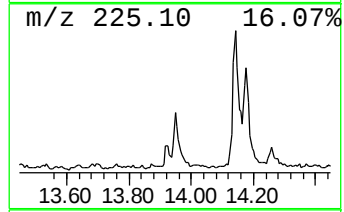
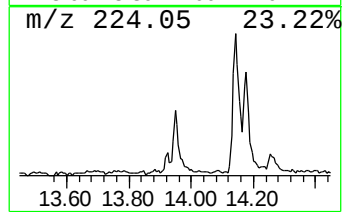
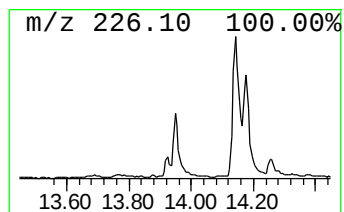
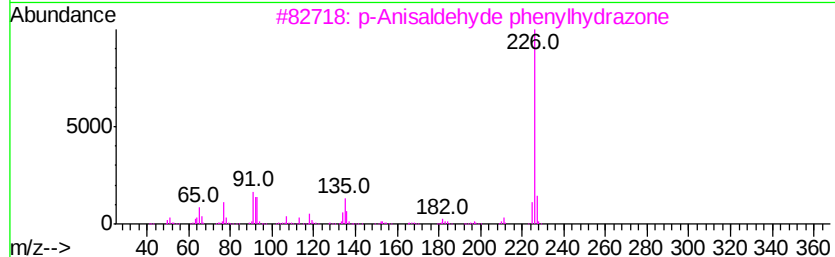
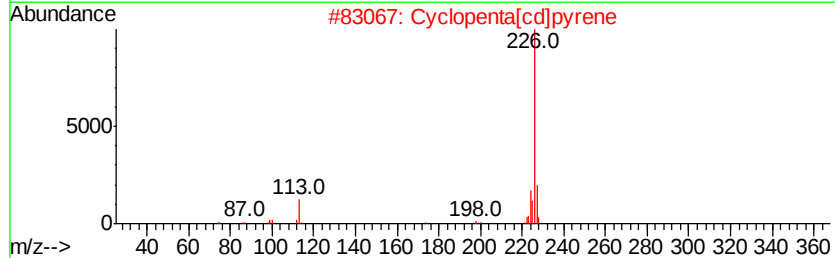
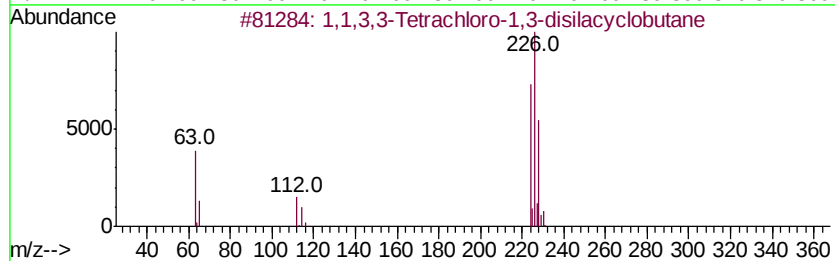
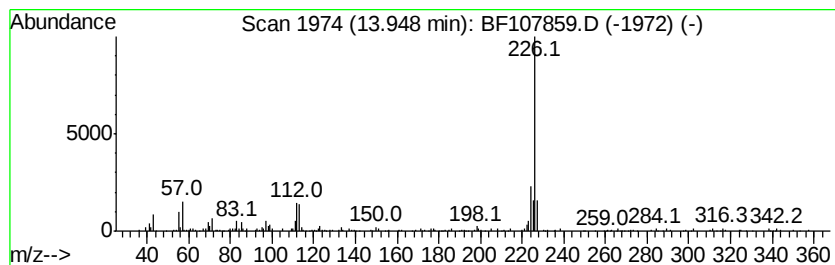
Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

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 6 1,1,3,3-Tetrachloro-1,3-dis... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.95	2.54 ng	254555	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	50
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	43
4	2-Phenyl-4,5-methylenedioxybenza...	226	C14H10O3	004432-95-5	43
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107859.D
Acq On : 31 Jul 2018 19:40
Operator : JU/SJ
Sample : J4143-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

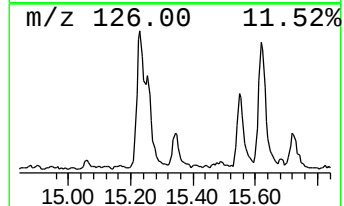
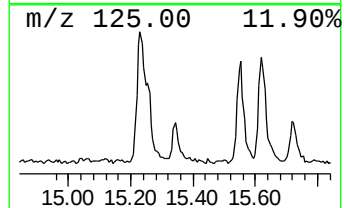
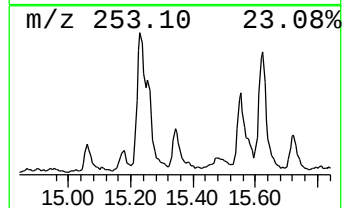
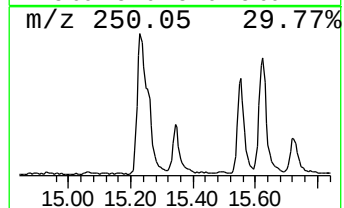
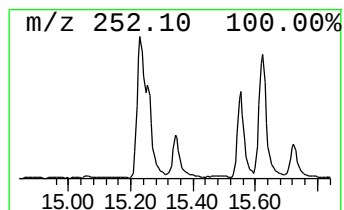
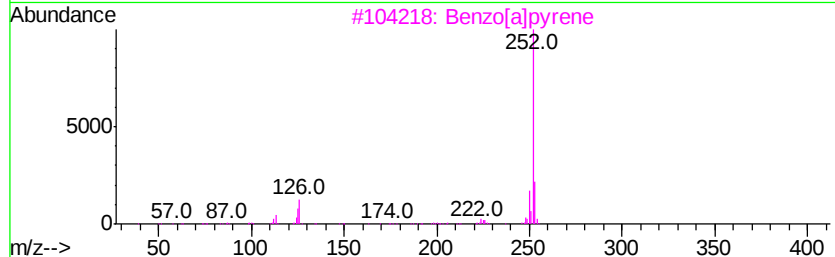
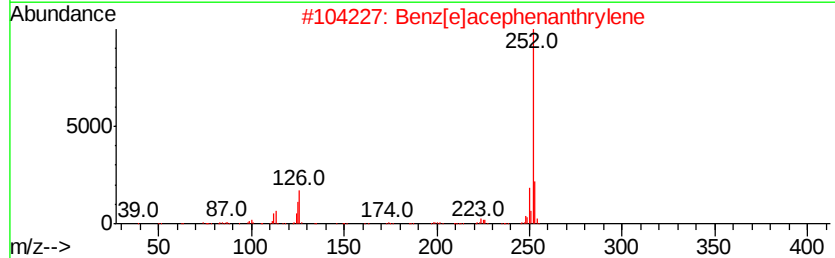
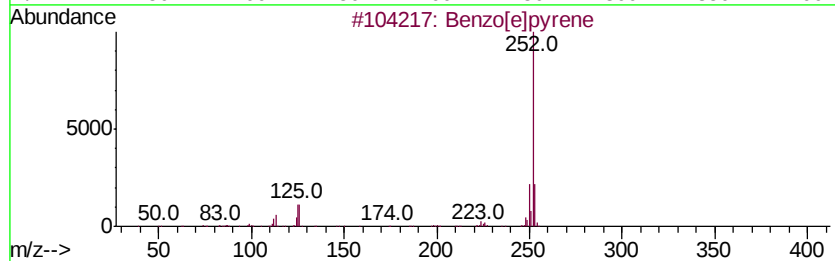
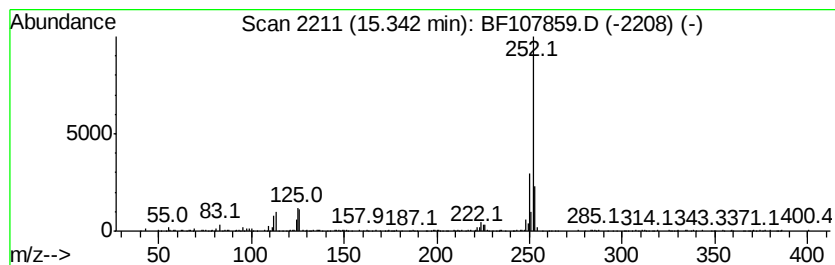
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.87 ng	280914	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107859.D
Acq On : 31 Jul 2018 19:40
Operator : JU/SJ
Sample : J4143-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

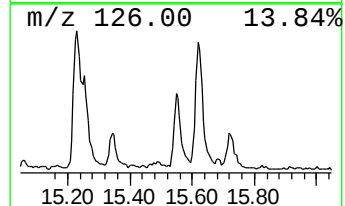
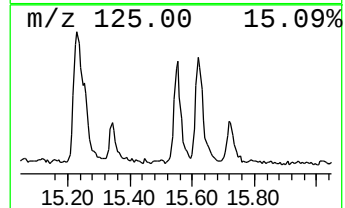
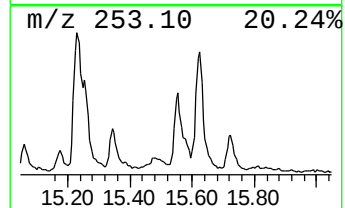
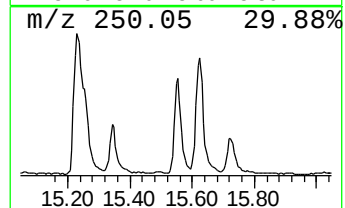
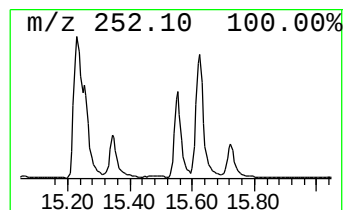
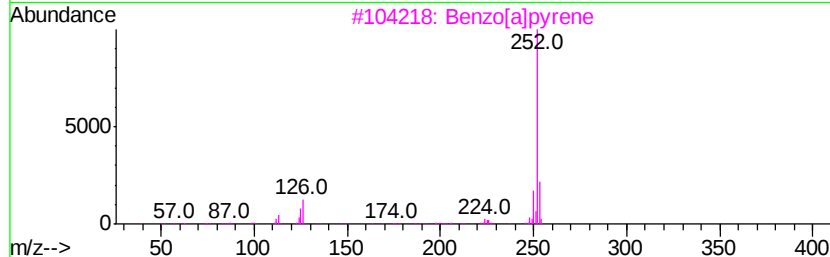
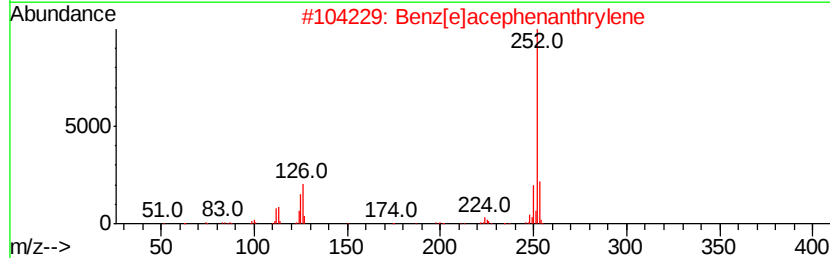
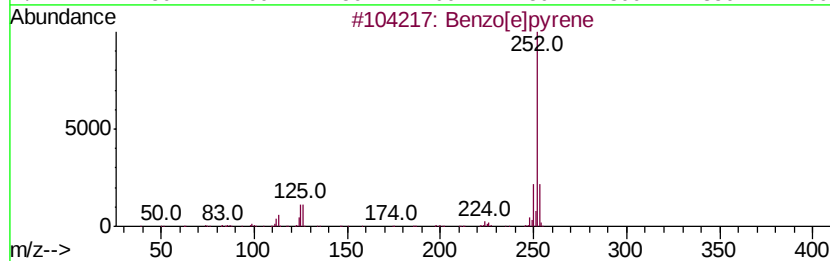
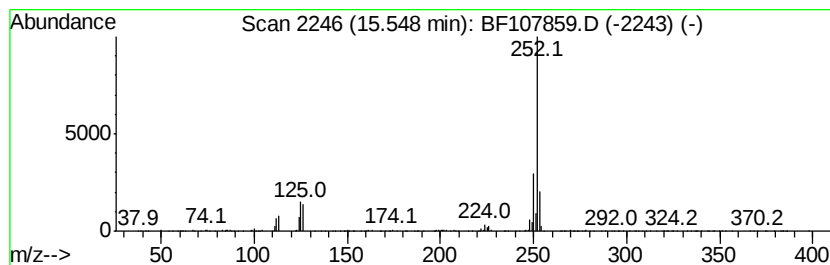
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	11.61 ng	555915	Perylene-d12	15.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107859.D
Acq On : 31 Jul 2018 19:40
Operator : JU/SJ
Sample : J4143-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02(3-5)

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	6.0	ng	309138	1	6.96	1028900	20.0
unknown6.74	6.74	44.9	ng	2308950	1	6.96	1028900	20.0
4H-Cyclopenta[def...	12.11	2.7	ng	188233	4	11.49	1396130	20.0
Pyrene, 1-methyl-	13.27	3.4	ng	337186	5	14.15	2007500	20.0
1,1,3,3-Tetrachlo...	13.95	2.5	ng	254555	5	14.15	2007500	20.0
Benzo[e]pyrene	15.34	5.9	ng	280914	6	15.69	957826	20.0
Benzo[j]fluoranthene	15.55	11.6	ng	555915	6	15.69	957826	20.0