

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103426.D
 Acq On : 5 Mar 2018 23:08
 Operator : SJ/JU
 Sample : J1723-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-33

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.104	510	513	519	rBV	44568	67946	1.81%	0.234%
2	5.504	577	581	609	rBV	1863194	2809805	74.73%	9.675%
3	6.516	749	753	767	rBV	2222894	2817417	74.93%	9.701%
4	6.645	772	775	791	rVB	2423478	2704878	71.94%	9.314%
5	6.875	810	814	821	rBV	782928	799992	21.28%	2.755%
6	7.028	835	840	856	rBV2	2844393	3760119	100.00%	12.947%
7	7.439	906	910	928	rBV	1624244	1730720	46.03%	5.959%
8	8.157	1028	1032	1051	rVB	996763	1103118	29.34%	3.798%
9	9.227	1210	1214	1223	rBV	2470590	2388988	63.53%	8.226%
10	9.298	1223	1226	1229	rVB	46299	40192	1.07%	0.138%
11	9.780	1303	1308	1312	rBV	59146	75290	2.00%	0.259%
12	9.827	1312	1316	1319	rVB	46592	42244	1.12%	0.145%
13	9.916	1327	1331	1335	rBV	1057569	948297	25.22%	3.265%
14	9.945	1335	1336	1343	rVB	71139	63922	1.70%	0.220%
15	10.121	1362	1366	1369	rBV2	34689	42961	1.14%	0.148%
16	10.233	1380	1385	1388	rBV3	30460	50139	1.33%	0.173%
17	10.327	1398	1401	1405	rVB2	75584	71144	1.89%	0.245%
18	10.469	1421	1425	1431	rVB2	42117	54960	1.46%	0.189%
19	10.545	1434	1438	1441	rBV2	41605	60294	1.60%	0.208%
20	10.710	1462	1466	1474	rBV	1104586	1187422	31.58%	4.089%
21	10.804	1479	1482	1492	rVB2	91204	156058	4.15%	0.537%
22	11.221	1549	1553	1556	rBV2	40116	46460	1.24%	0.160%
23	11.251	1556	1558	1561	rBV2	75631	69804	1.86%	0.240%
24	11.410	1581	1585	1587	rBV	894371	786760	20.92%	2.709%
25	11.433	1587	1589	1593	rVV	415364	374184	9.95%	1.288%
26	11.486	1595	1598	1602	rVV	120827	123794	3.29%	0.426%
27	11.915	1668	1671	1673	rBV	90721	97658	2.60%	0.336%
28	11.945	1673	1676	1681	rVV2	124010	139735	3.72%	0.481%
29	11.992	1681	1684	1687	rVV	42812	47911	1.27%	0.165%
30	12.027	1687	1690	1692	rVV2	134013	142860	3.80%	0.492%
31	12.051	1692	1694	1698	rVB	50808	41205	1.10%	0.142%
32	12.086	1698	1700	1703	rBV2	44743	39579	1.05%	0.136%
33	12.215	1718	1722	1725	rBV2	64004	90687	2.41%	0.312%
34	12.251	1725	1728	1731	rVV3	35683	39942	1.06%	0.138%

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Misc :
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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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35	12.286	1731	1734	1736	rVB	70523	65316	1.74%	0.225%
36	12.374	1746	1749	1754	rVB2	97927	116578	3.10%	0.401%
37	12.439	1757	1760	1762	rBV	79079	66446	1.77%	0.229%
38	12.468	1762	1765	1768	rBV2	122920	135777	3.61%	0.468%
39	12.563	1776	1781	1783	rBV3	56291	82774	2.20%	0.285%
40	12.633	1789	1793	1796	rBV	861927	788720	20.98%	2.716%
41	12.862	1826	1832	1838	rBV	832684	917341	24.40%	3.159%
42	12.910	1838	1840	1845	rVV2	48684	51302	1.36%	0.177%
43	12.992	1850	1854	1858	rVV	1527922	1483967	39.47%	5.110%
44	13.192	1885	1888	1893	rVB2	152835	161060	4.28%	0.555%
45	13.257	1897	1899	1901	rVB	62425	42646	1.13%	0.147%
46	13.298	1903	1906	1910	rVB2	88628	87742	2.33%	0.302%
47	13.874	2001	2004	2009	rBV4	135742	173453	4.61%	0.597%
48	14.068	2032	2037	2040	rBV2	711851	988855	26.30%	3.405%
49	14.092	2040	2041	2045	rVB	319903	238145	6.33%	0.820%
50	15.139	2216	2219	2222	rBV	214089	320428	8.52%	1.103%
51	15.586	2292	2295	2298	rBV	279928	304735	8.10%	1.049%

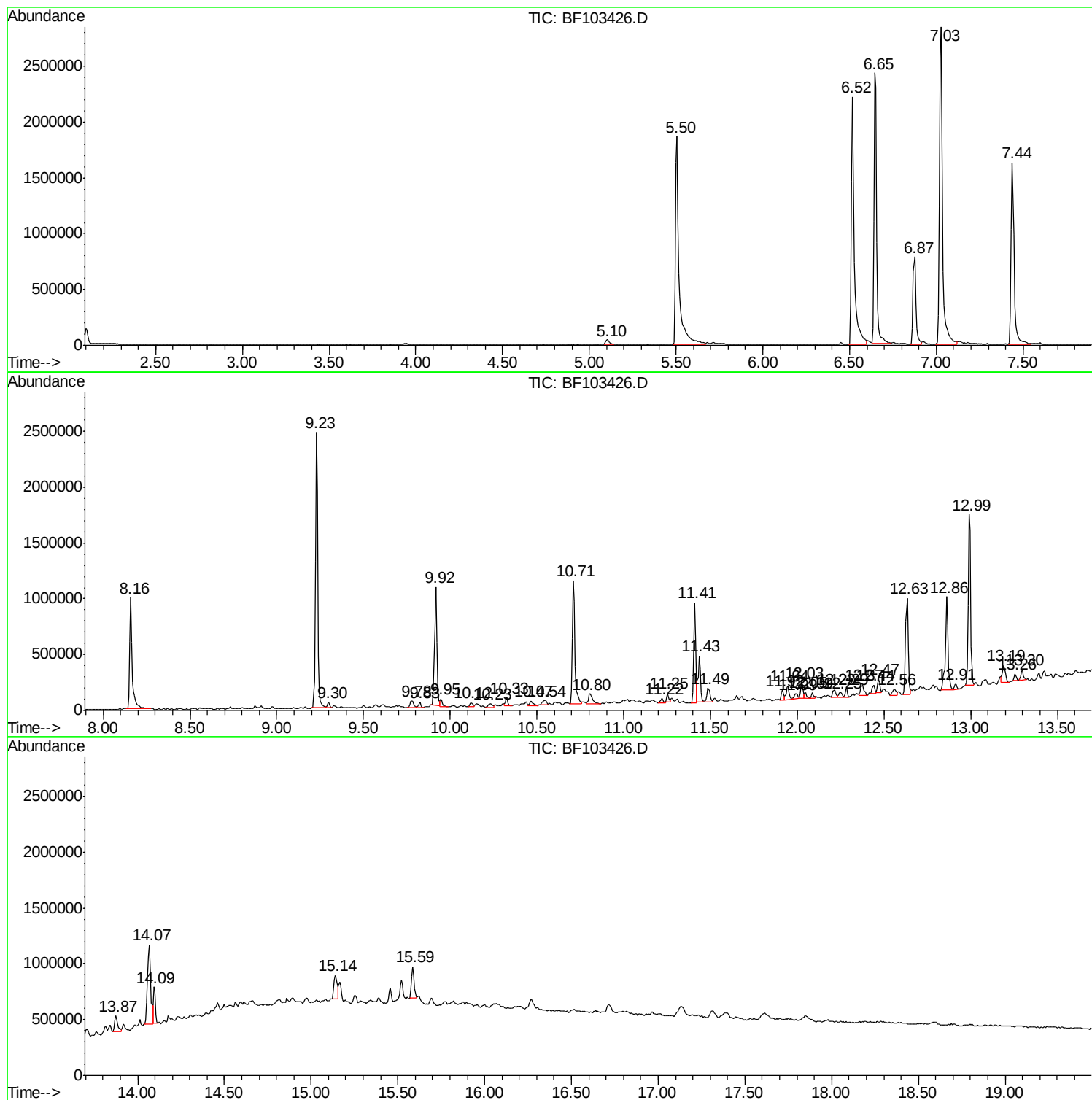
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ClientSampled :
SP-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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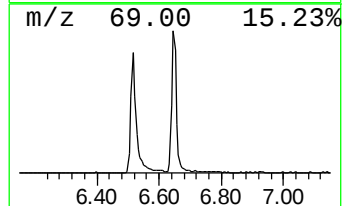
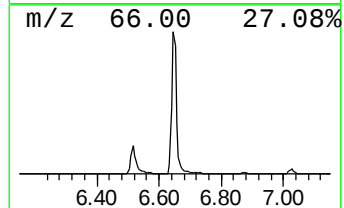
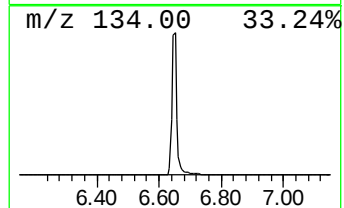
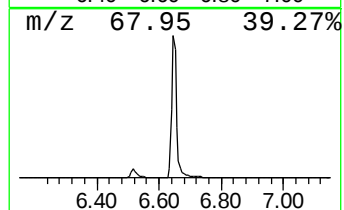
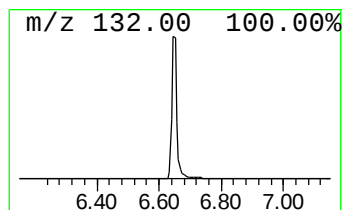
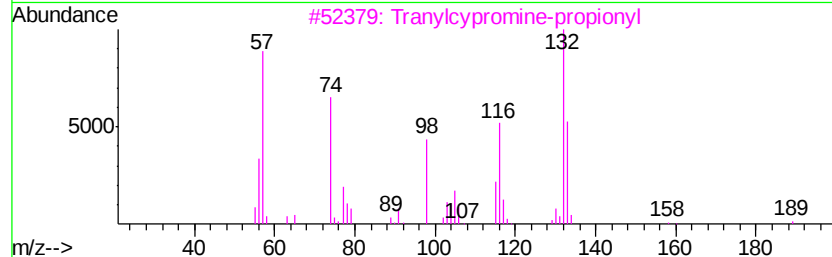
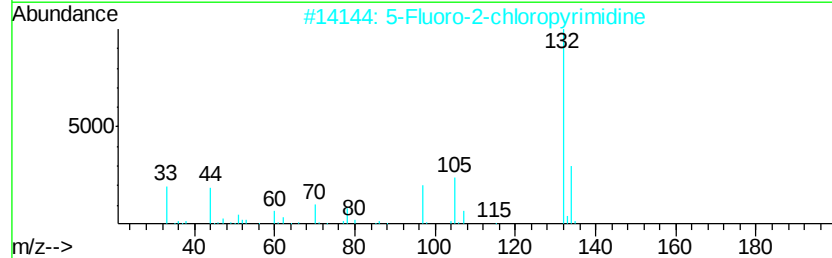
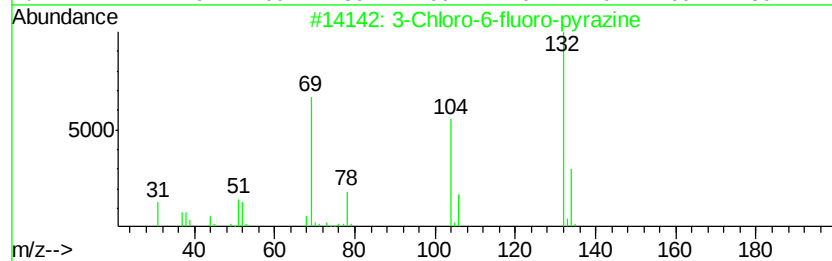
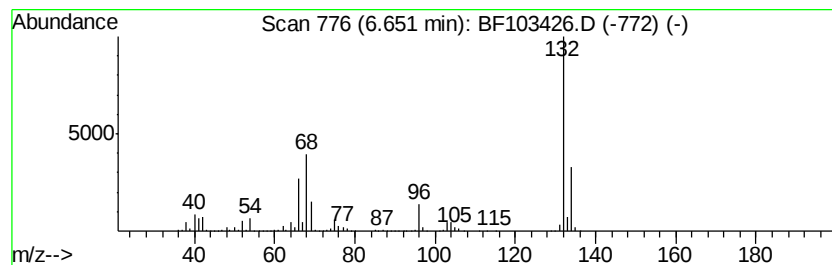
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	67.62 ng	2704880	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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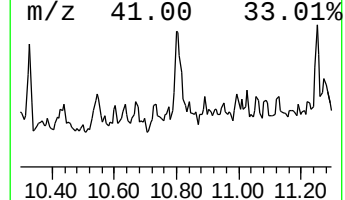
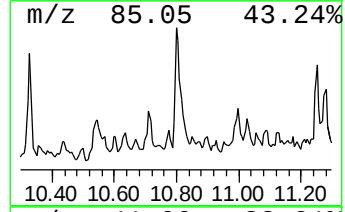
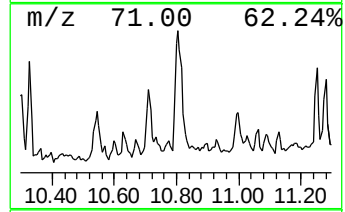
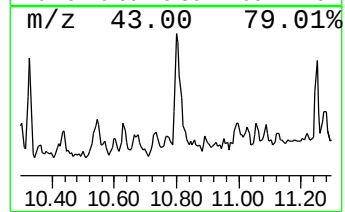
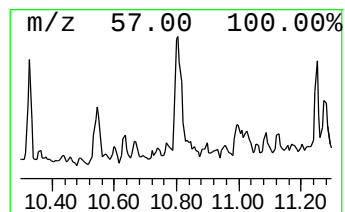
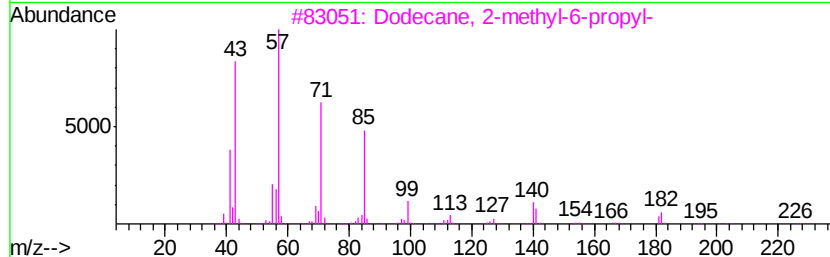
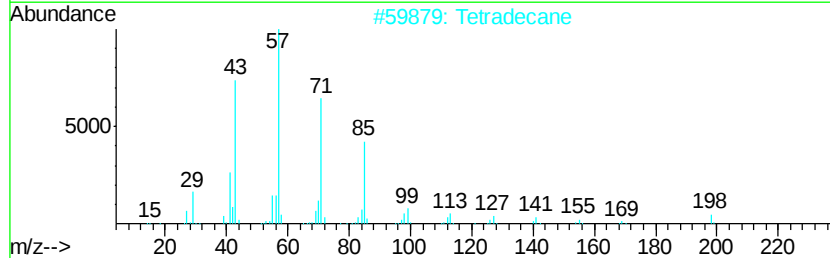
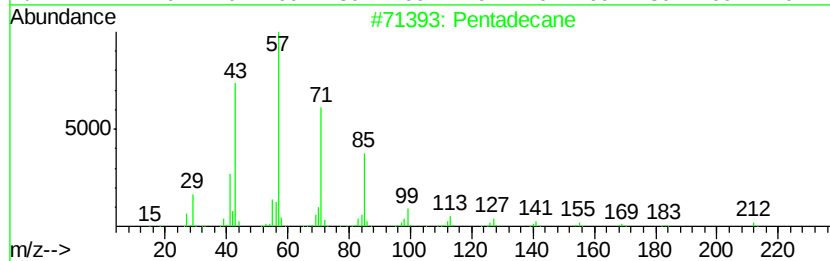
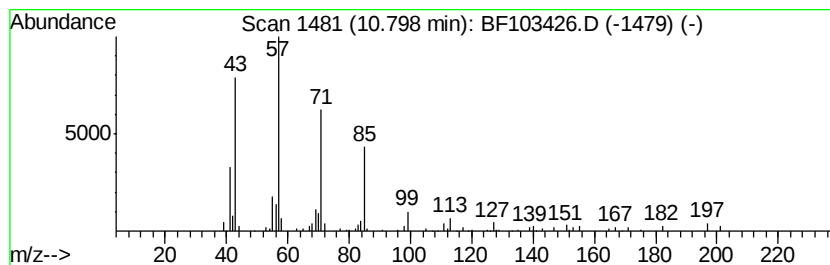
Instrument :
BNA_F
ClientSampleId :
SP-33

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.97 ng	156058	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Tetradecane	198 C14H30	000629-59-4	81
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	64
4	Tetracosane	338 C24H50	000646-31-1	64
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	64



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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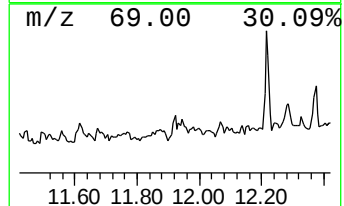
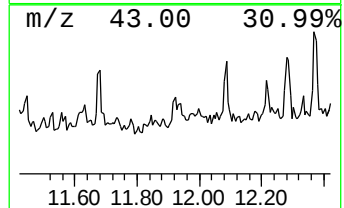
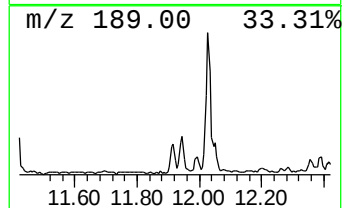
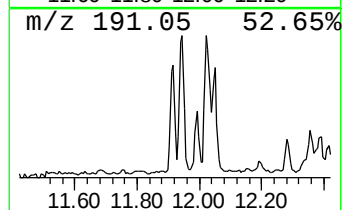
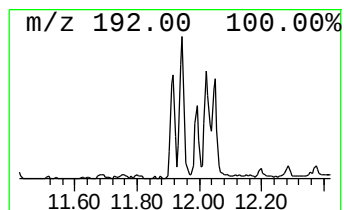
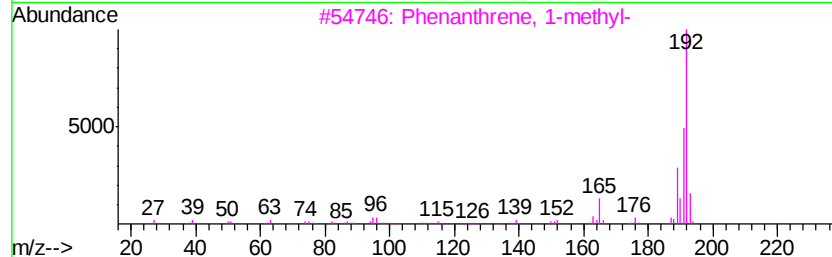
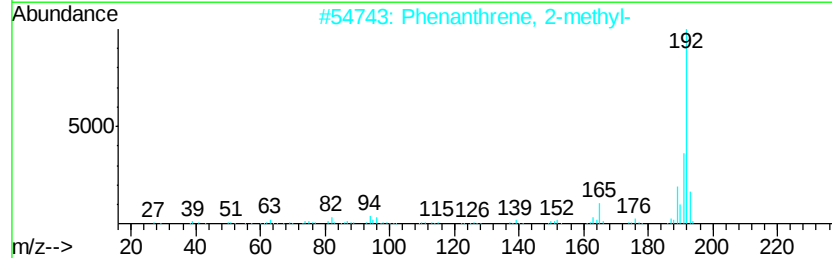
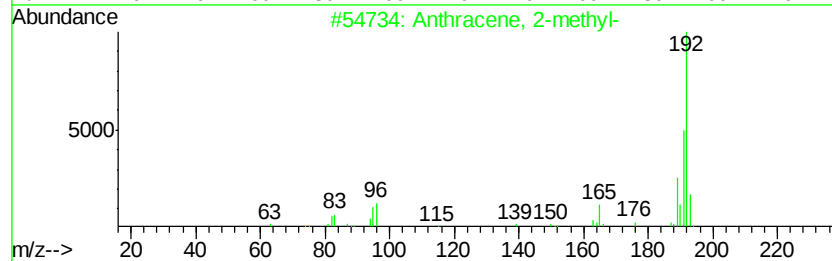
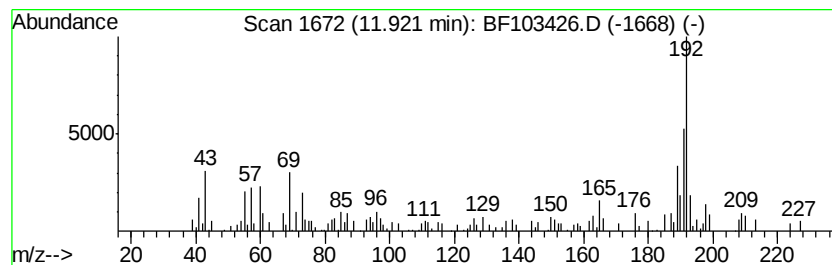
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.48 ng	97658	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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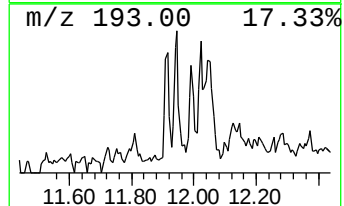
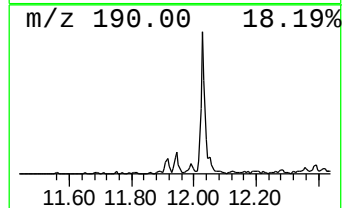
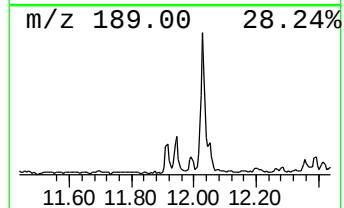
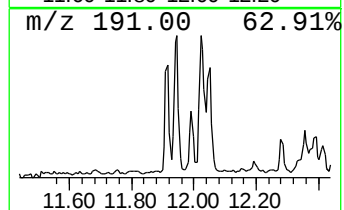
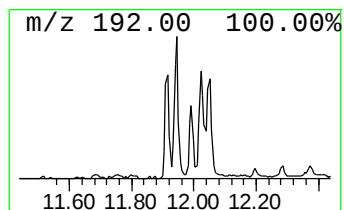
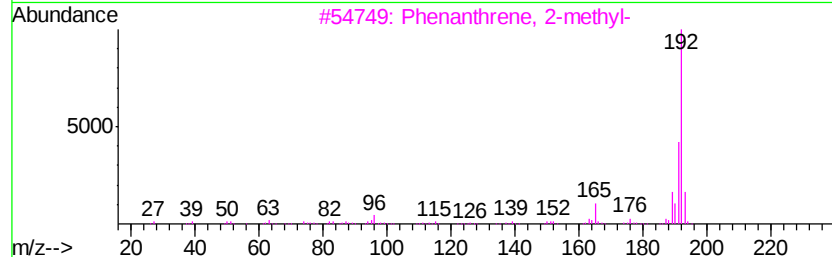
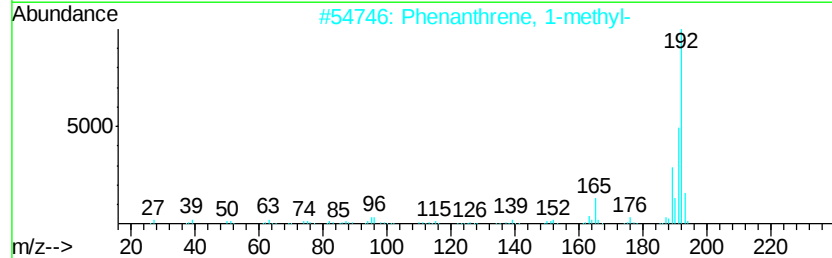
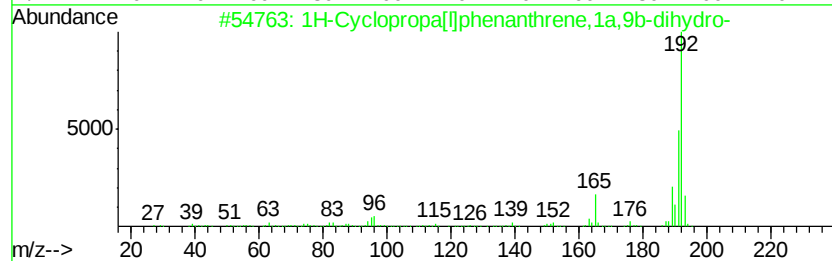
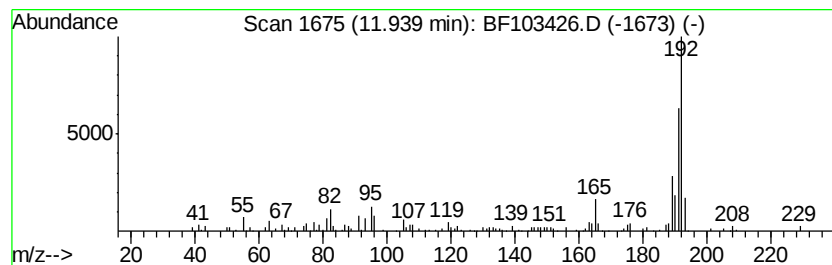
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.55 ng	139735	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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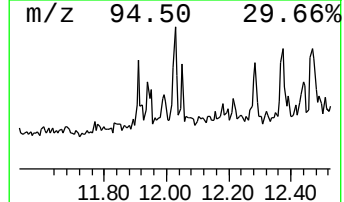
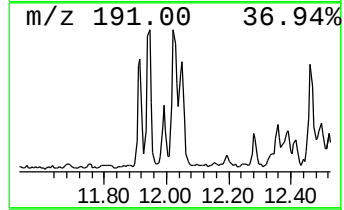
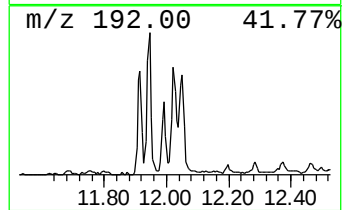
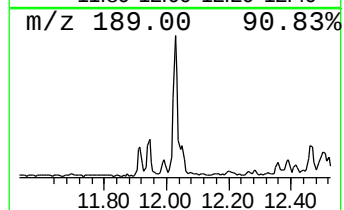
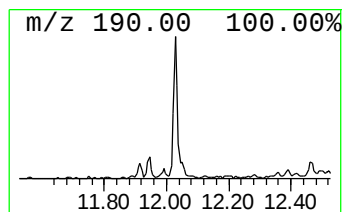
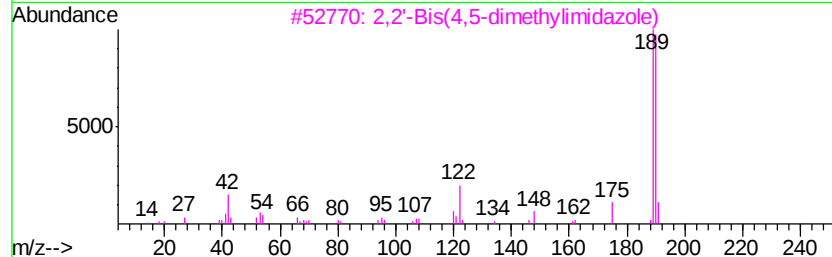
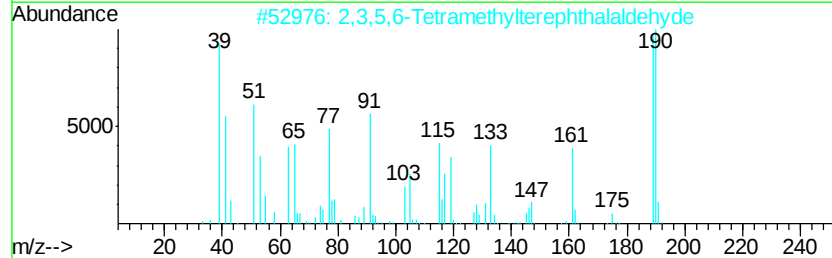
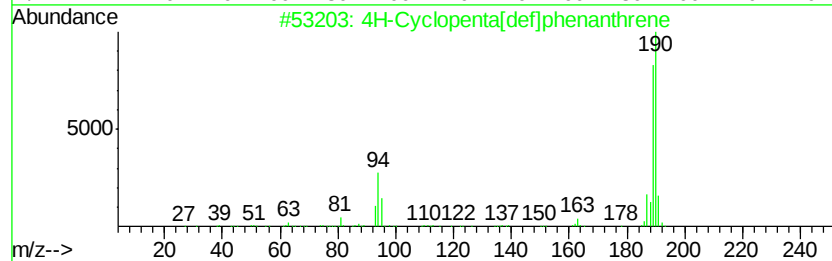
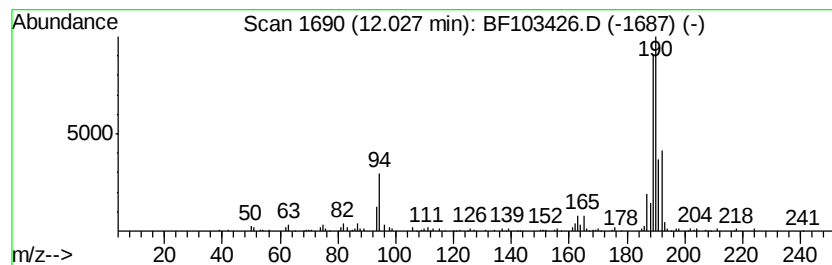
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.63 ng	142860	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	33
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	28



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103426.D
Acq On : 5 Mar 2018 23:08
Operator : SJ/JU
Sample : J1723-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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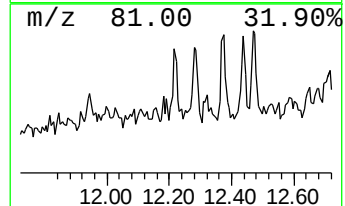
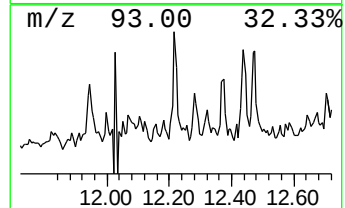
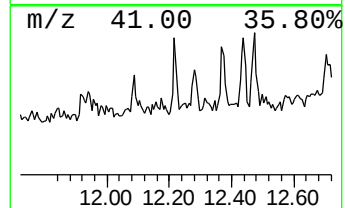
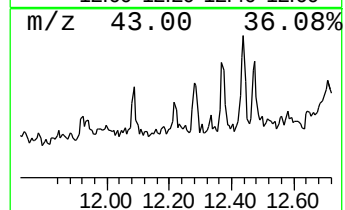
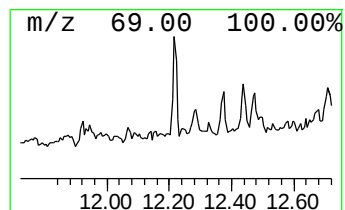
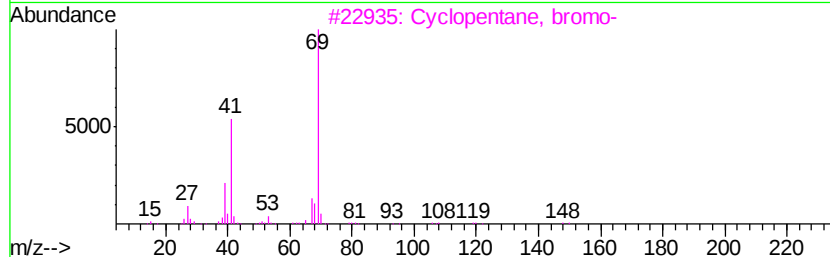
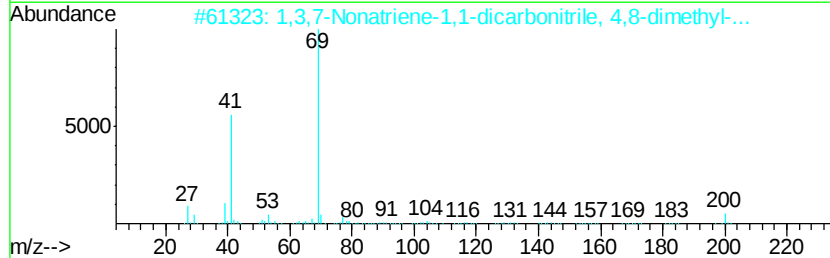
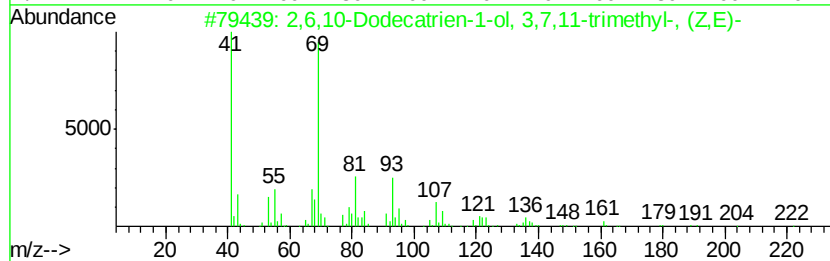
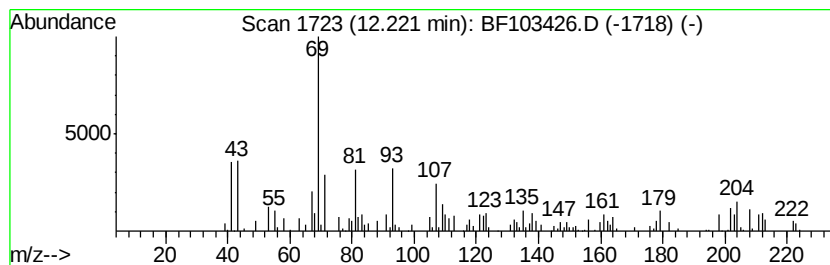
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.31 ng	90687	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	35		
2	1,3,7-Nonatriene-1,1-dicarbonitr...	200	C13H16N2	344401-84-9	30		
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	27		
4	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	27		
5	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	27		



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103426.D
Acq On : 5 Mar 2018 23:08
Operator : SJ/JU
Sample : J1723-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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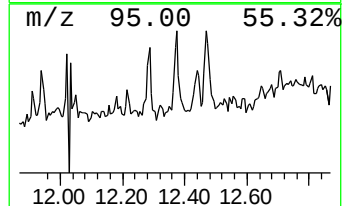
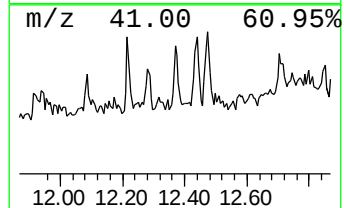
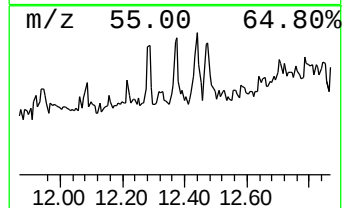
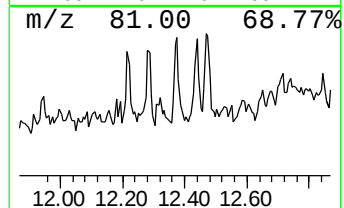
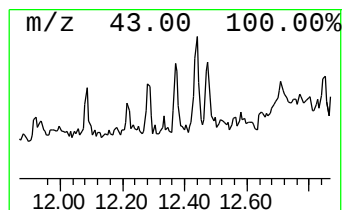
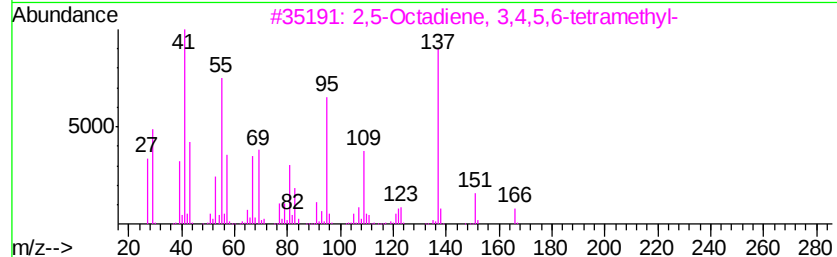
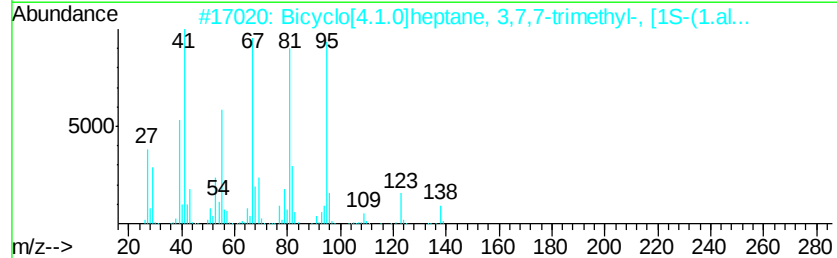
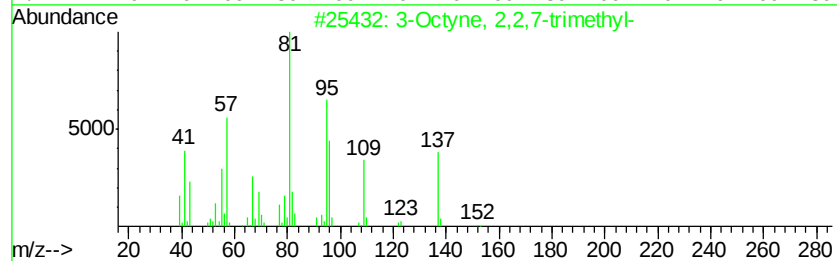
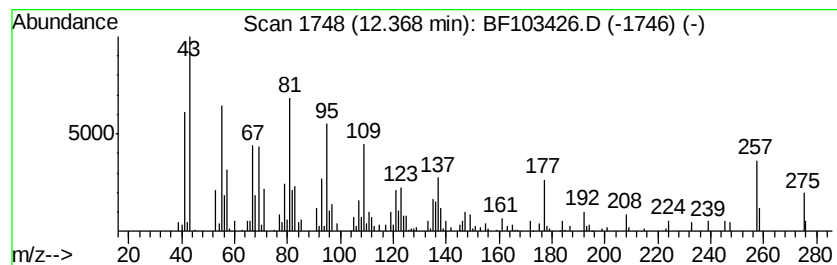
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown12.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.96 ng	116578	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2,2,7-trimethyl-			152	C11H20	055402-13-6	38
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...			138	C10H18	006069-97-2	22
3	2,5-Octadiene, 3,4,5,6-tetramethyl-			166	C12H22	247797-85-9	22
4	1,4-Methanoazulene-9-methanol, d...			222	C15H26O	001139-17-9	11
5	2-(4-Methylphenylthio)phenyl iso...			257	C14H11NS2	081431-97-2	11



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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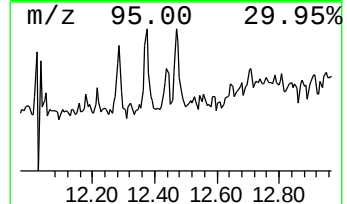
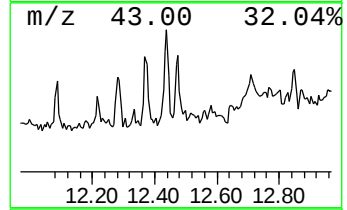
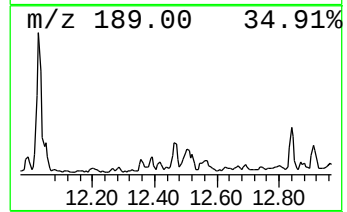
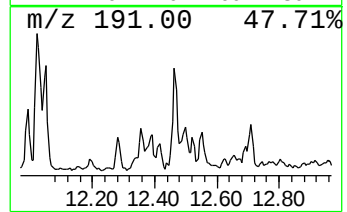
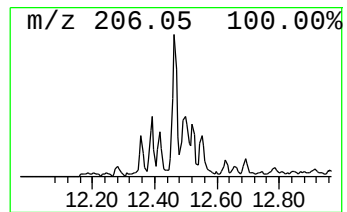
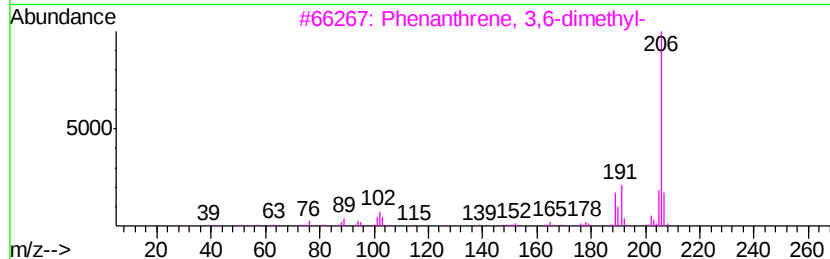
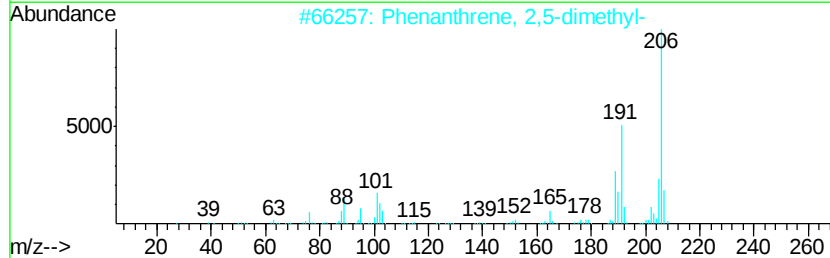
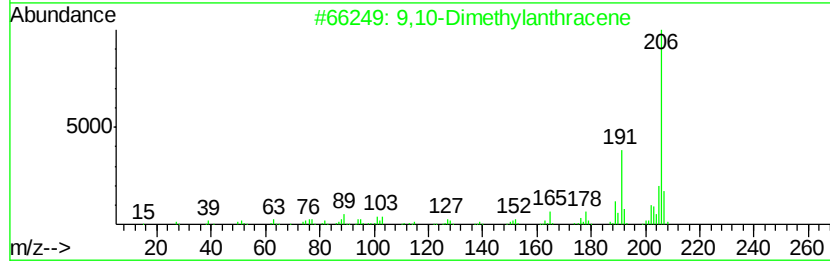
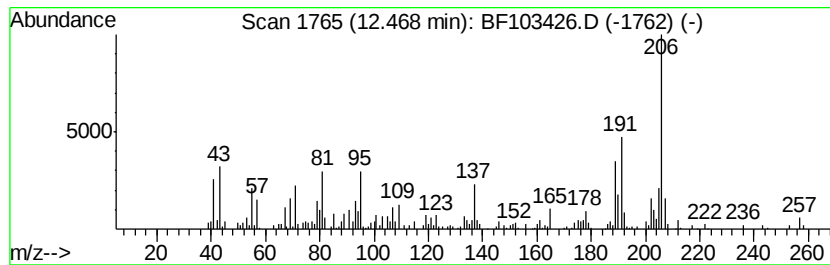
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.45 ng	135777	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	97
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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Acq On : 5 Mar 2018 23:08
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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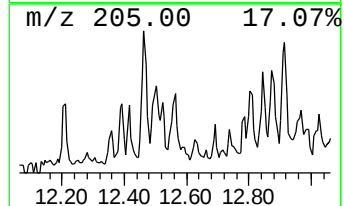
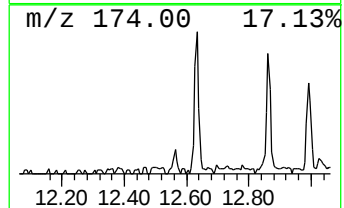
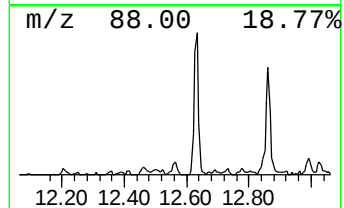
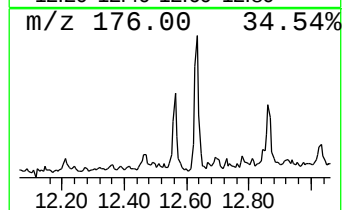
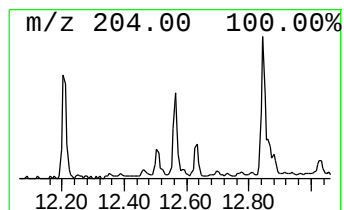
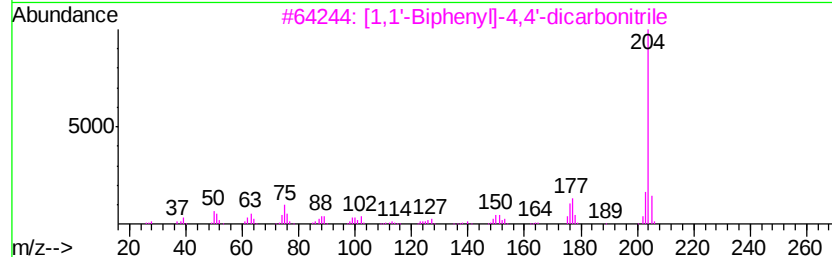
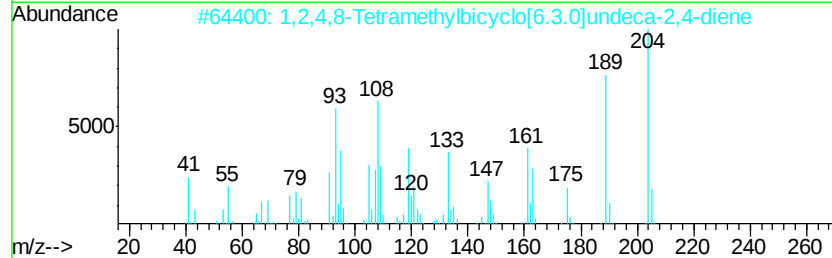
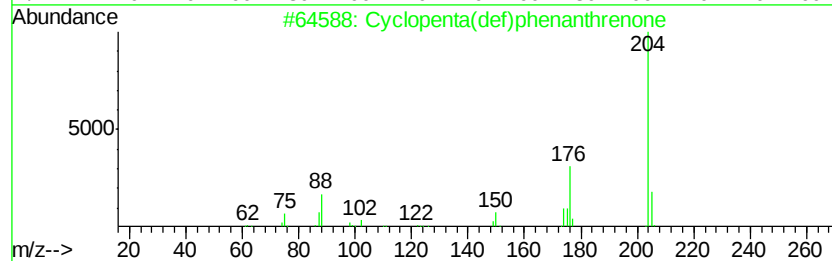
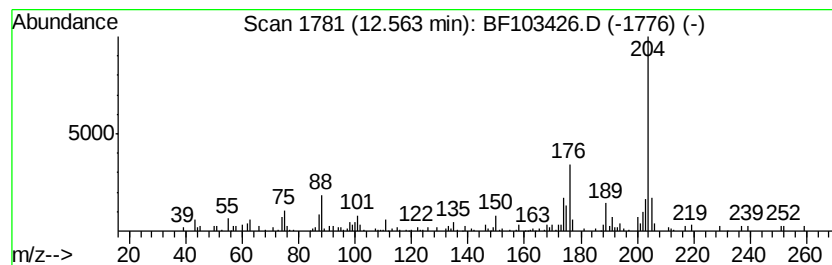
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.10 ng	82774	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	64
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
5		4,5,6,7-Tetrafluoro-2-methyl-1H-indole	204	C8H4F4N2	081430-75-3	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
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ALS Vial : 14 Sample Multiplier: 1

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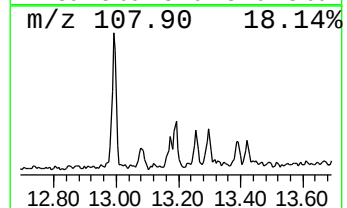
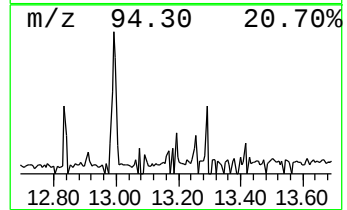
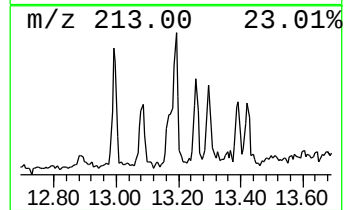
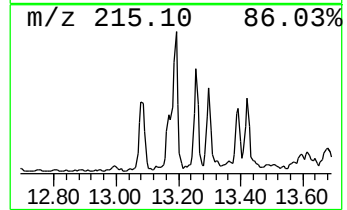
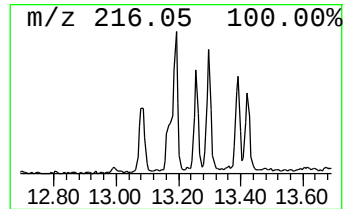
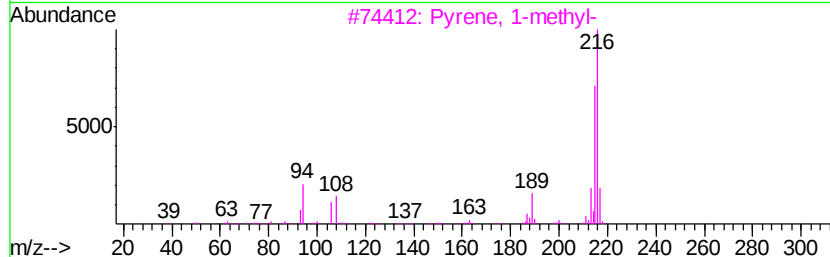
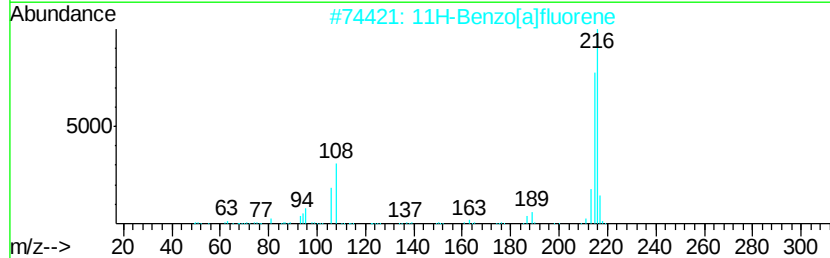
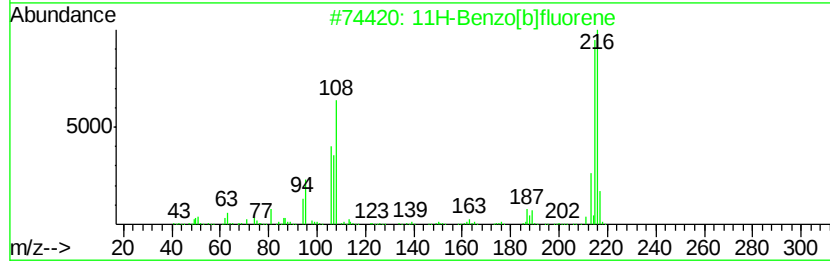
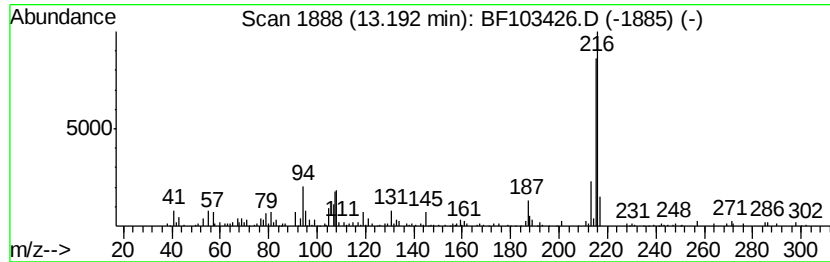
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.26 ng	161060	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	64
4		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	52
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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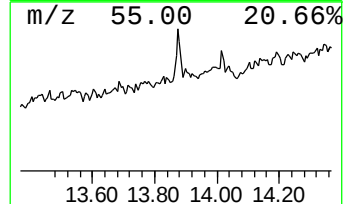
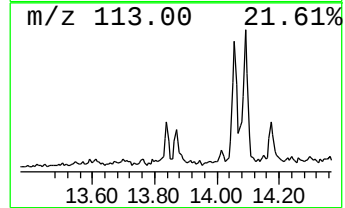
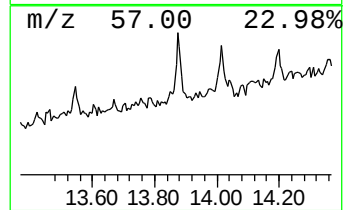
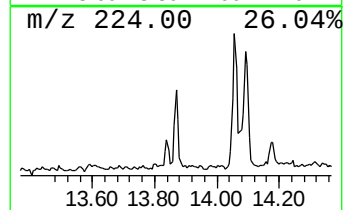
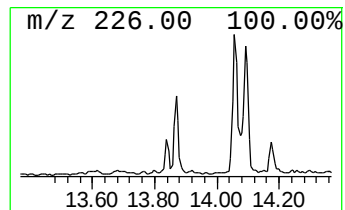
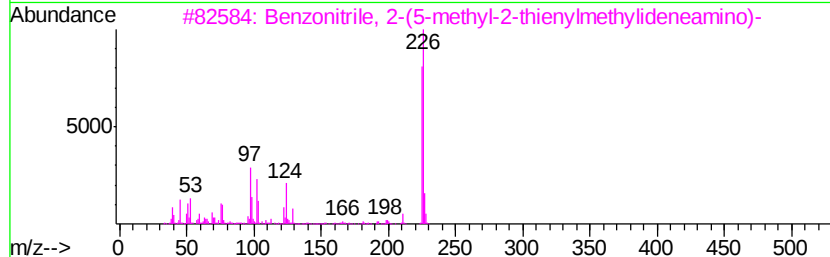
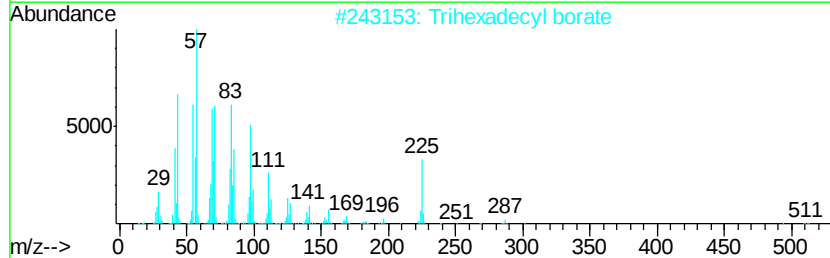
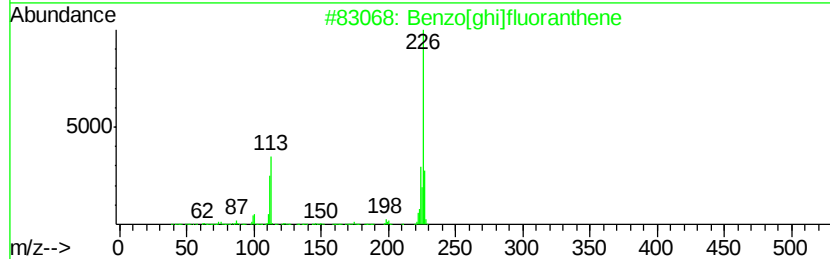
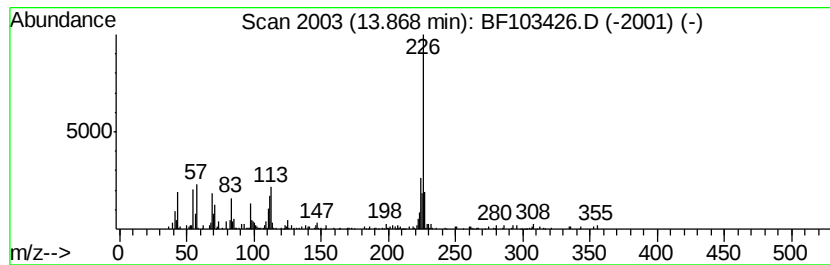
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.51 ng	173453	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
2		Trihexadecyl borate	735	C48H99B03	002665-11-4	38
3		Benzonitrile, 2-(5-methyl-2-thienylmethylideneamino)-	226	C13H10N2S	315670-19-0	35
4		2,1,3-Benzothiadiazole, 4,6-dimethyl-	226	C6H2N4O4S	016408-06-3	35
5		Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103426.D
Acq On : 5 Mar 2018 23:08
Operator : SJ/JU
Sample : J1723-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	67.6	ng	2704880	1	6.87	799992	20.0
Pentadecane	10.80	4.0	ng	156058	4	11.41	786760	20.0
Anthracene, 2-met...	11.92	2.5	ng	97658	4	11.41	786760	20.0
1H-Cyclopropa[1]p...	11.94	3.5	ng	139735	4	11.41	786760	20.0
4H-Cyclopenta[def...	12.03	3.6	ng	142860	4	11.41	786760	20.0
unknown12.22	12.22	2.3	ng	90687	4	11.41	786760	20.0
unknown12.37	12.37	3.0	ng	116578	4	11.41	786760	20.0
9,10-Dimethylanthe...	12.47	3.5	ng	135777	4	11.41	786760	20.0
Cyclopenta(def)ph...	12.56	2.1	ng	82774	4	11.41	786760	20.0
11H-Benzo[b]fluorene	13.19	3.3	ng	161060	5	14.07	988855	20.0
unknown13.87	13.87	3.5	ng	173453	5	14.07	988855	20.0