

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032018\
 Data File : BF103820.D
 Acq On : 20 Mar 2018 23:14
 Operator : JU/SJ
 Sample : J1979-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

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-BF031518.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	2.328	34	41	49	rVB	124590	178732	4.79%	0.447%
2	5.222	530	533	543	rVB	164623	222783	5.98%	0.557%
3	5.604	592	598	601	rBV	3219338	3654486	98.03%	9.144%
4	6.598	761	767	770	rBV	3246965	3653379	98.00%	9.141%
5	6.745	787	792	795	rBV	3763983	3728083	100.00%	9.328%
6	6.975	827	831	834	rBV	925546	806284	21.63%	2.017%
7	7.134	853	858	861	rBV	2876818	2820440	75.65%	7.057%
8	7.539	921	927	930	rBV	2401312	2550388	68.41%	6.381%
9	8.257	1045	1049	1051	rBV	1190149	1112556	29.84%	2.784%
10	8.275	1051	1052	1055	rVB	206075	113382	3.04%	0.284%
11	8.963	1166	1169	1173	rBV	82235	74998	2.01%	0.188%
12	9.063	1183	1186	1192	rBV	62268	54474	1.46%	0.136%
13	9.328	1226	1231	1234	rBV	3792845	3489168	93.59%	8.730%
14	9.398	1240	1243	1246	rBV	52644	43515	1.17%	0.109%
15	9.522	1259	1264	1269	rBV3	24448	38638	1.04%	0.097%
16	9.586	1273	1275	1281	rBV3	27922	37327	1.00%	0.093%
17	9.669	1284	1289	1291	rBV3	41999	46334	1.24%	0.116%
18	9.716	1294	1297	1300	rVB	577314	426869	11.45%	1.068%
19	9.928	1330	1333	1336	rVB	149123	106302	2.85%	0.266%
20	10.016	1344	1348	1351	rBV	1420597	1250552	33.54%	3.129%
21	10.045	1351	1353	1356	rVB	500163	358542	9.62%	0.897%
22	10.169	1369	1374	1376	rBV3	39586	51326	1.38%	0.128%
23	10.216	1379	1382	1385	rVB	191597	153961	4.13%	0.385%
24	10.251	1385	1388	1391	rBV4	39443	42046	1.13%	0.105%
25	10.428	1412	1418	1421	rBV	148726	141803	3.80%	0.355%
26	10.563	1437	1441	1444	rVB	282526	230387	6.18%	0.576%
27	10.651	1453	1456	1458	rVB	70516	64322	1.73%	0.161%
28	10.810	1478	1483	1486	rBV	2245726	2251506	60.39%	5.633%
29	10.904	1496	1499	1503	rBV	87996	105024	2.82%	0.263%
30	11.192	1545	1548	1551	rVB2	40379	42193	1.13%	0.106%
31	11.351	1572	1575	1579	rBV3	44844	52085	1.40%	0.130%
32	11.404	1582	1584	1590	rVB	81634	71910	1.93%	0.180%
33	11.510	1598	1602	1604	rBV	1082802	1084140	29.08%	2.713%
34	11.533	1604	1606	1609	rVV	1325902	1006719	27.00%	2.519%

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35	11.580	1611	1614	1617	rVV	298598	248700	6.67%	0.622%
36	11.616	1617	1620	1624	rVB	42158	45109	1.21%	0.113%
37	11.733	1636	1640	1645	rBV	161785	140498	3.77%	0.352%
38	12.010	1684	1687	1689	rBV2	135497	141254	3.79%	0.353%
39	12.033	1689	1691	1695	rVB	147992	137795	3.70%	0.345%
40	12.086	1697	1700	1702	rVB	42997	38398	1.03%	0.096%
41	12.122	1703	1706	1709	rBV2	187276	192587	5.17%	0.482%
42	12.304	1734	1737	1739	rBV	90981	79861	2.14%	0.200%
43	12.327	1739	1741	1746	rVB2	76782	76977	2.06%	0.193%
44	12.563	1778	1781	1785	rBV3	38800	51879	1.39%	0.130%
45	12.727	1805	1809	1812	rBV	1124818	959003	25.72%	2.399%
46	12.939	1841	1845	1846	rBV2	218980	242126	6.49%	0.606%
47	12.957	1846	1848	1853	rVV	870434	735796	19.74%	1.841%
48	13.004	1853	1856	1860	rVB2	41751	46073	1.24%	0.115%
49	13.092	1865	1871	1875	rBV	2414344	2520708	67.61%	6.307%
50	13.286	1901	1904	1906	rVB	165281	152700	4.10%	0.382%
51	13.351	1912	1915	1917	rBV	143046	120844	3.24%	0.302%
52	13.386	1918	1921	1923	rVV2	61469	61330	1.65%	0.153%
53	13.933	2012	2014	2016	rVB	70939	49166	1.32%	0.123%
54	13.974	2016	2021	2028	rBV4	510666	533654	14.31%	1.335%
55	14.157	2047	2052	2055	rBV2	961924	1190694	31.94%	2.979%
56	14.186	2055	2057	2063	rVB	368065	313656	8.41%	0.785%
57	14.268	2069	2071	2073	rVB	90474	67694	1.82%	0.169%
58	15.239	2232	2236	2239	rBV	280655	414004	11.11%	1.036%
59	15.562	2288	2291	2298	rVB	155853	213862	5.74%	0.535%
60	15.633	2299	2303	2308	rVB	218871	295434	7.92%	0.739%
61	15.698	2310	2314	2318	rBV	485621	650933	17.46%	1.629%
62	17.268	2577	2581	2587	rBV3	81890	182544	4.90%	0.457%

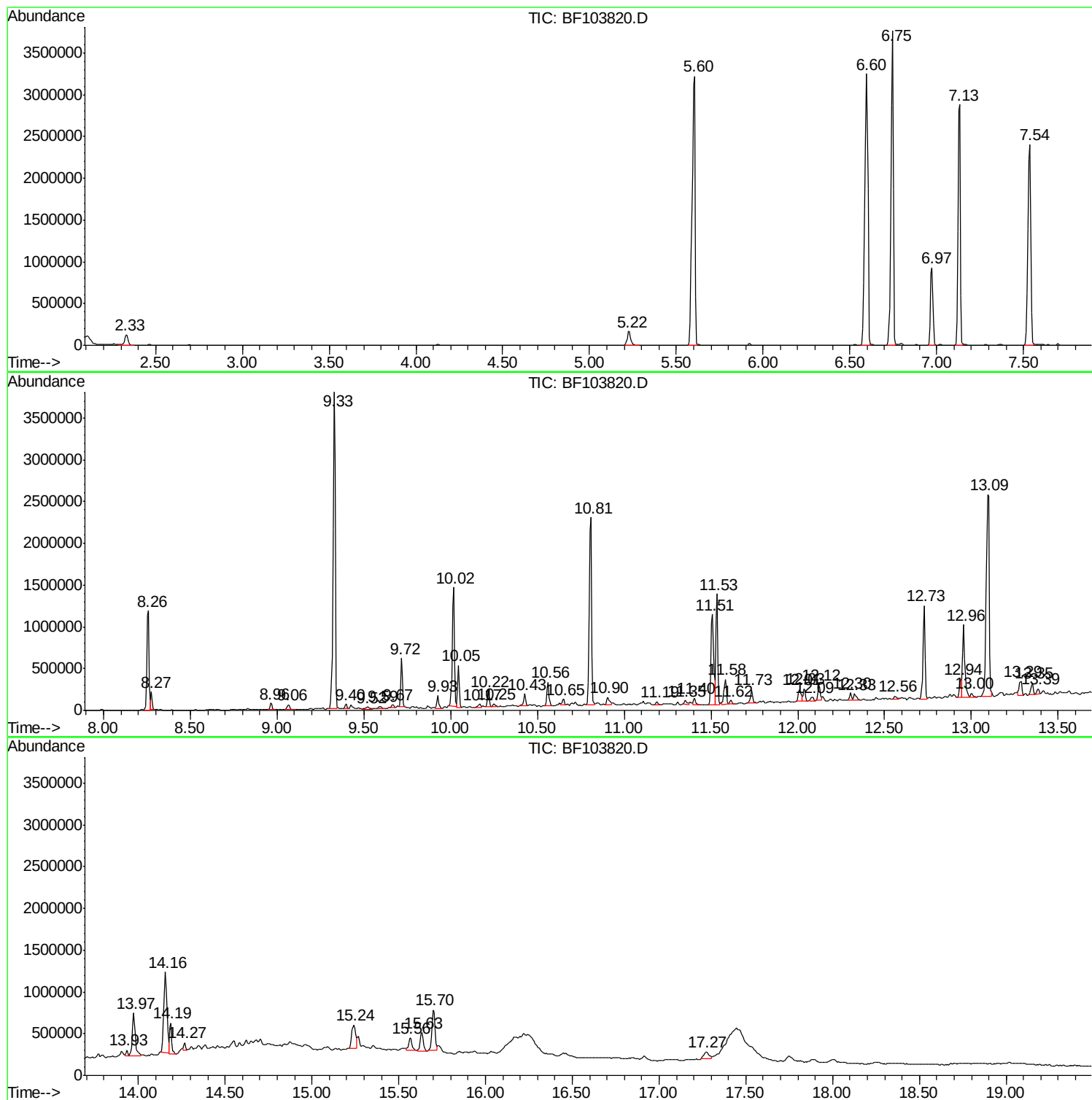
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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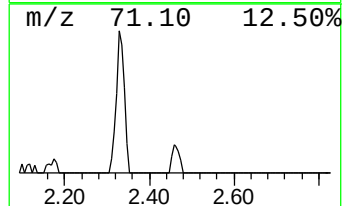
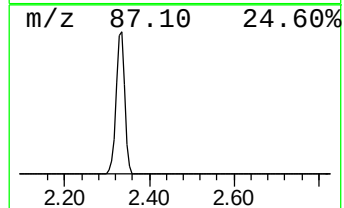
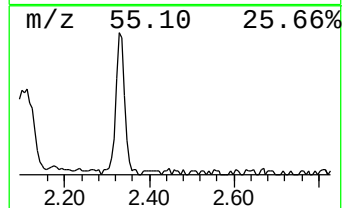
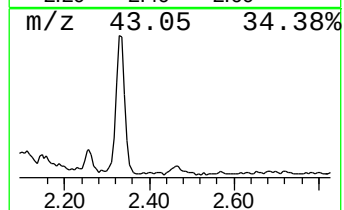
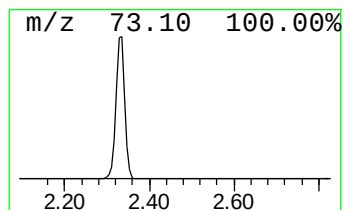
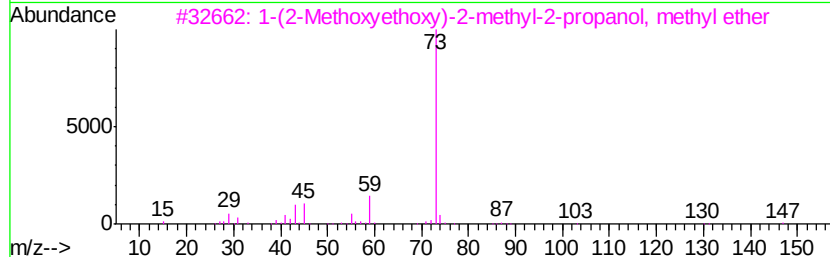
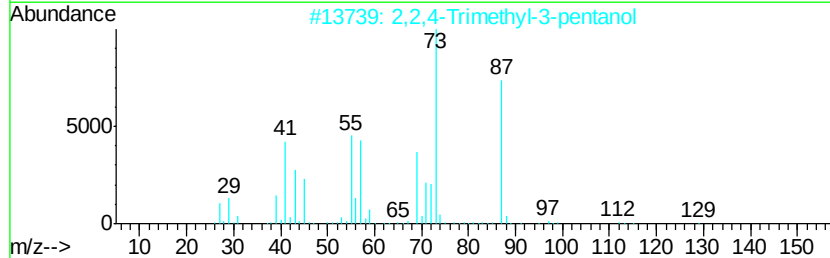
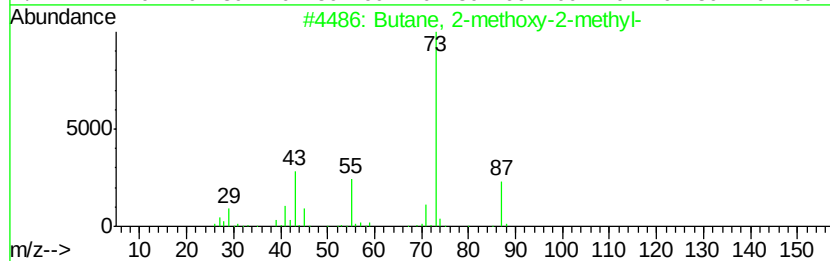
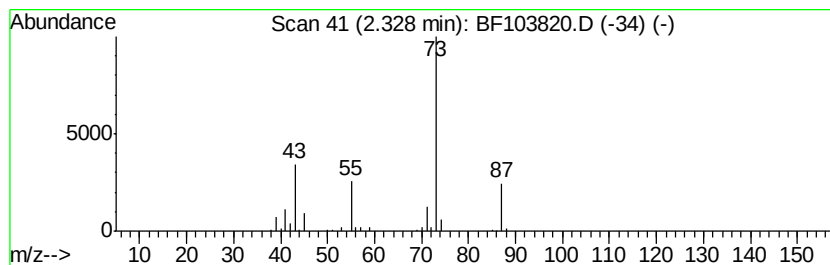
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.43 ng	178732	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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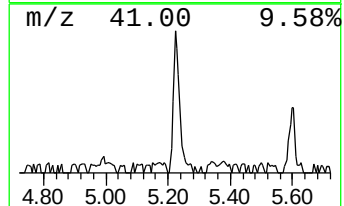
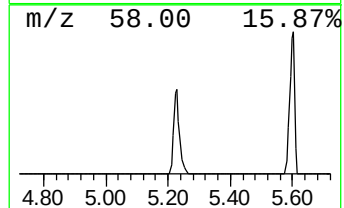
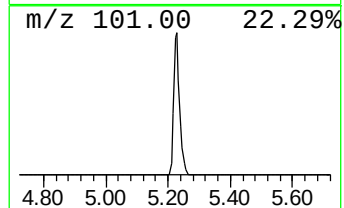
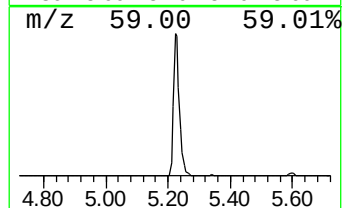
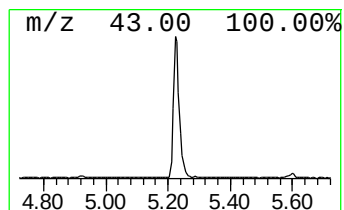
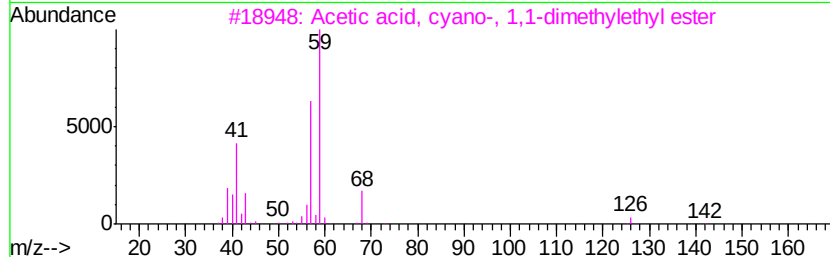
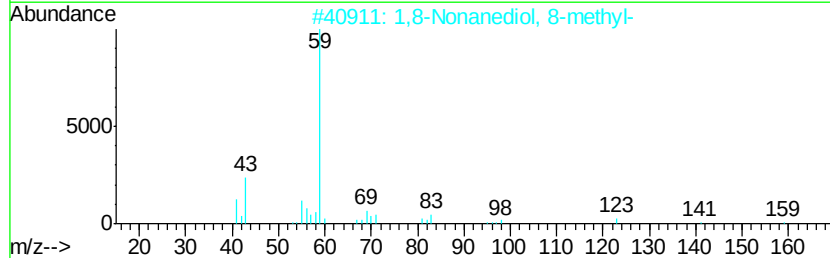
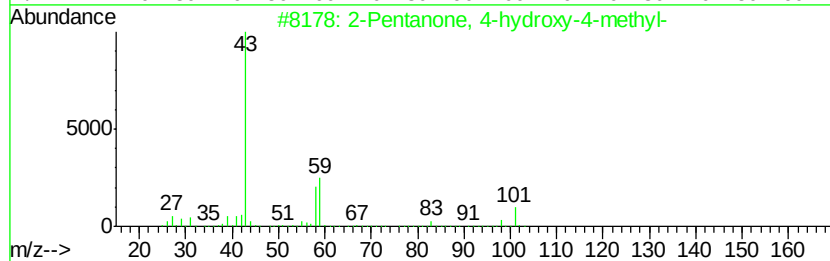
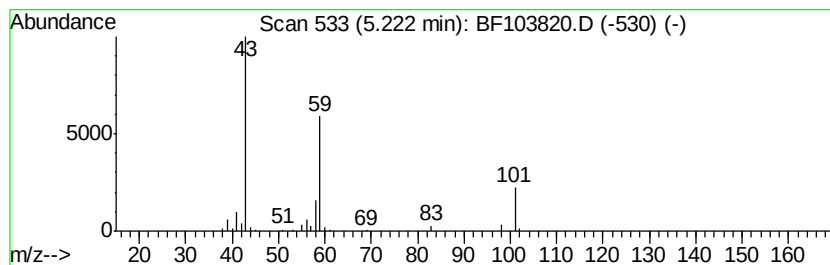
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.53 ng	222783	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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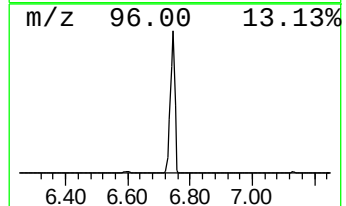
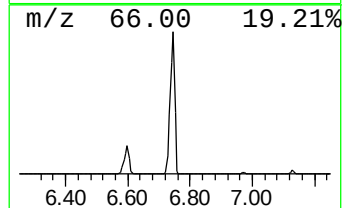
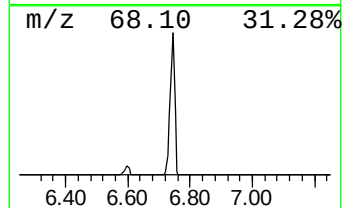
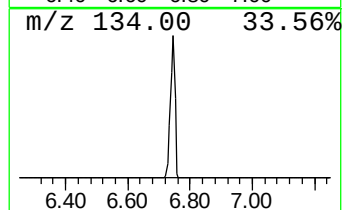
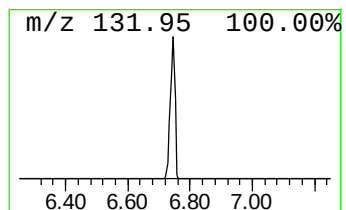
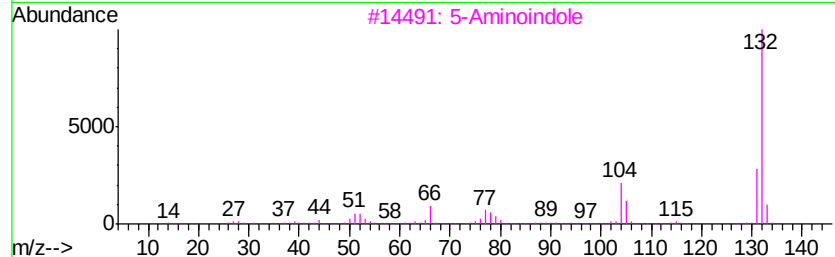
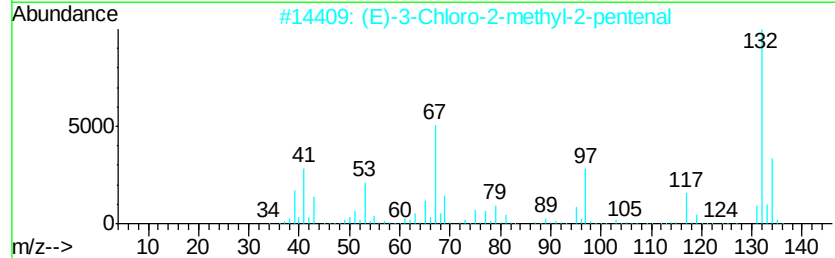
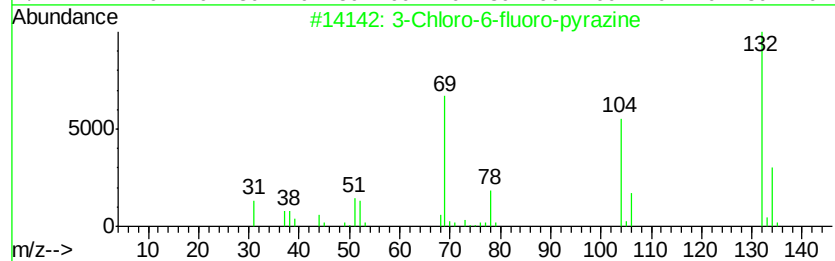
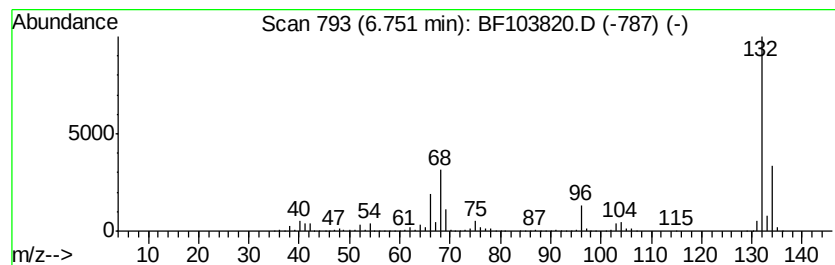
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	92.48 ng	3728080	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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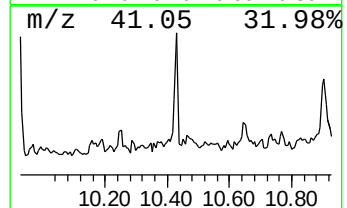
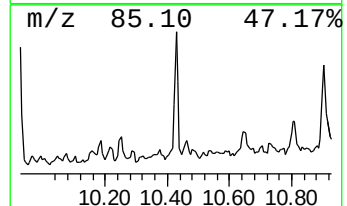
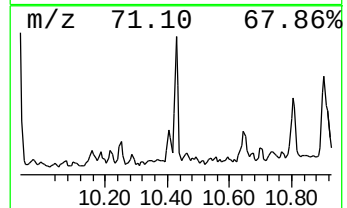
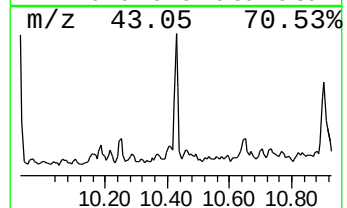
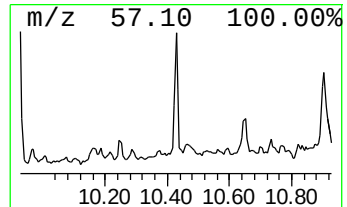
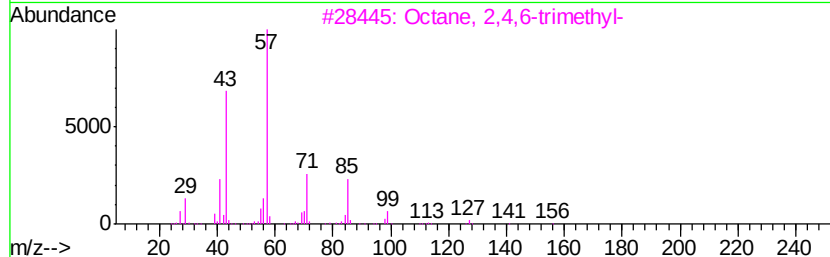
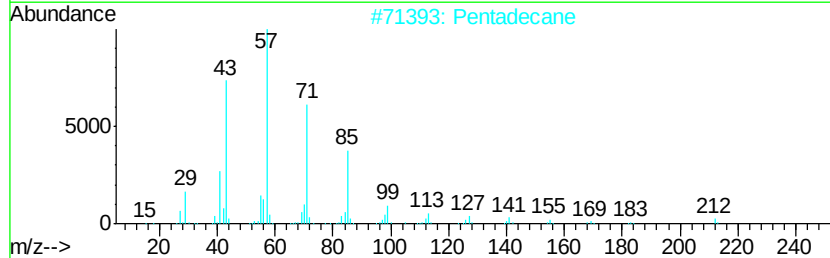
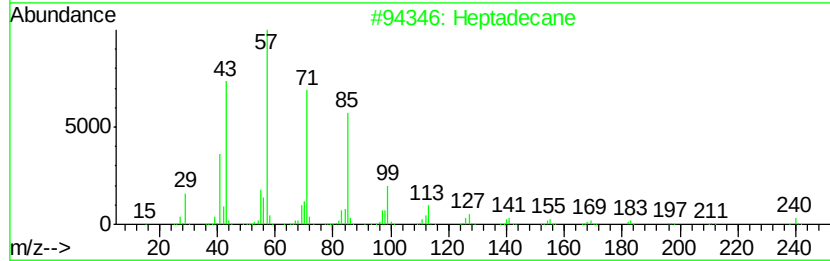
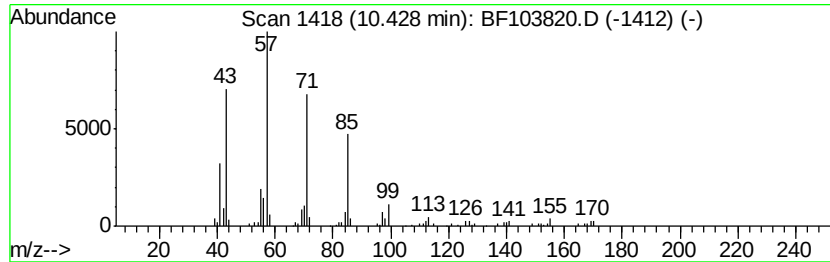
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.43	2.27 ng	141803	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentadecane	212	C15H32	000629-62-9	80
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Hexadecane	226	C16H34	000544-76-3	78
5	Dodecane	170	C12H26	000112-40-3	74



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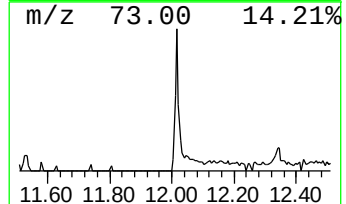
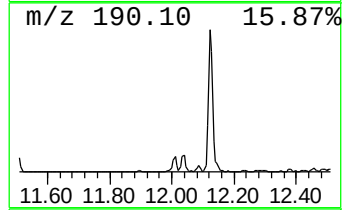
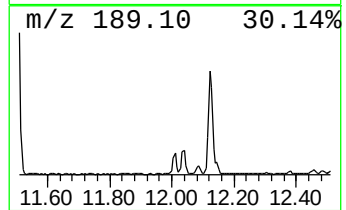
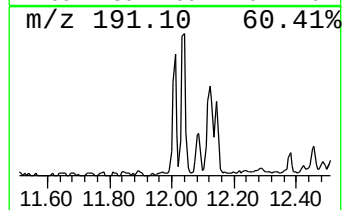
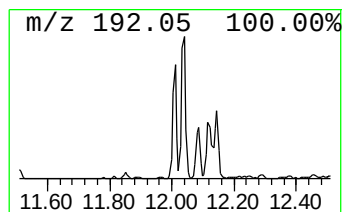
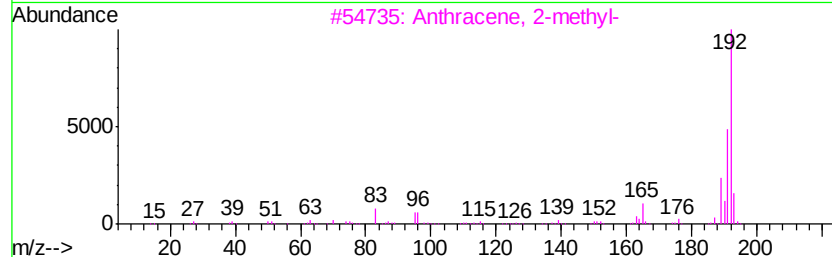
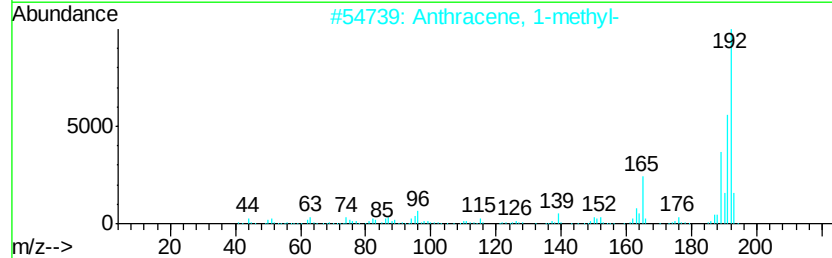
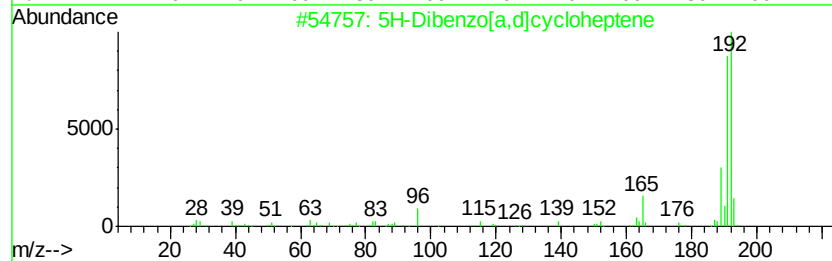
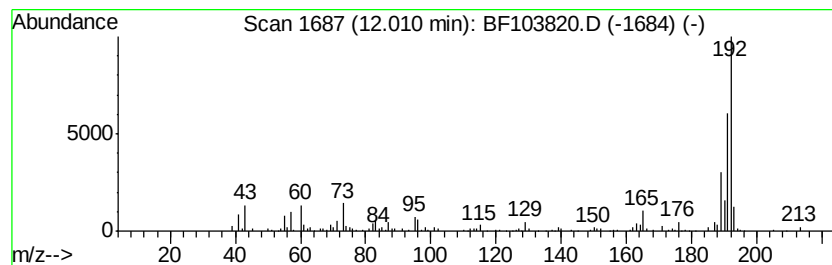
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.61 ng	141254	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



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Data File : BF103820.D
Acq On : 20 Mar 2018 23:14
Operator : JU/SJ
Sample : J1979-01
Misc :
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Instrument :
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ClientSampleId :
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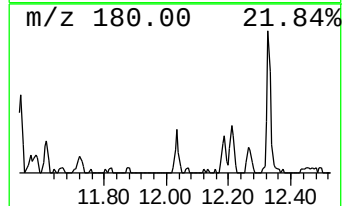
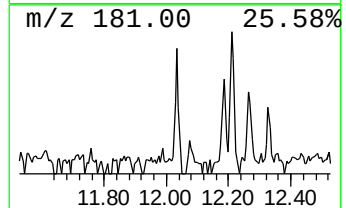
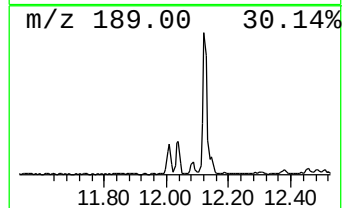
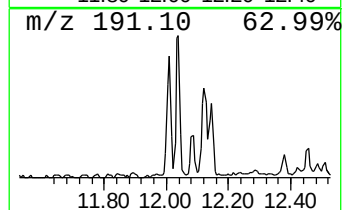
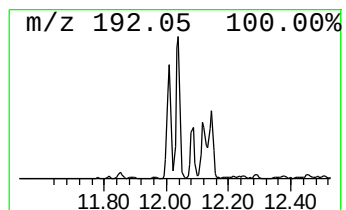
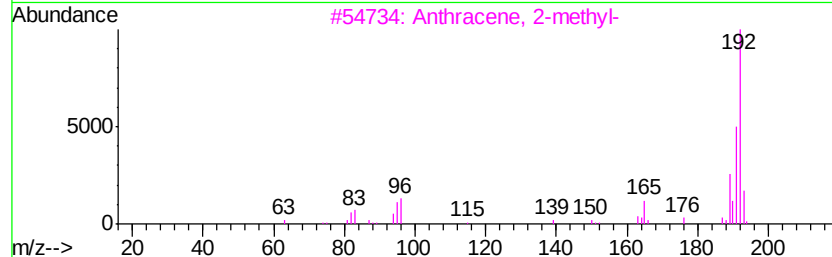
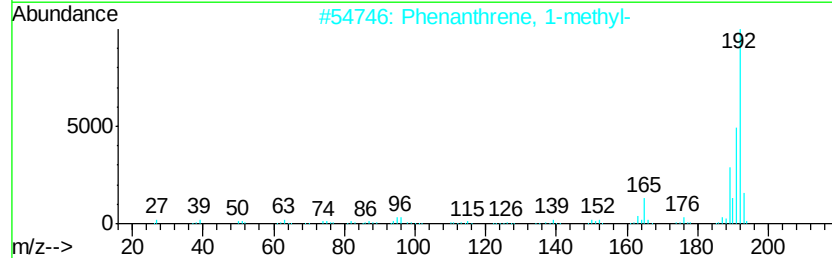
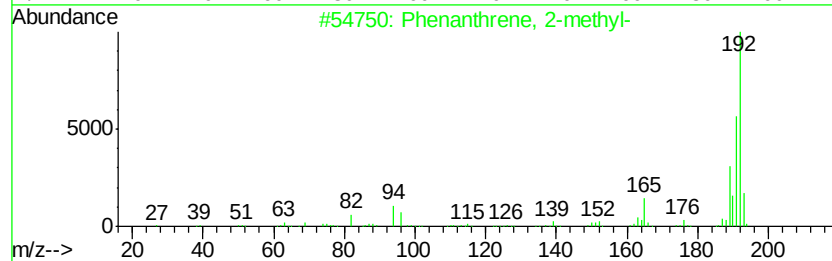
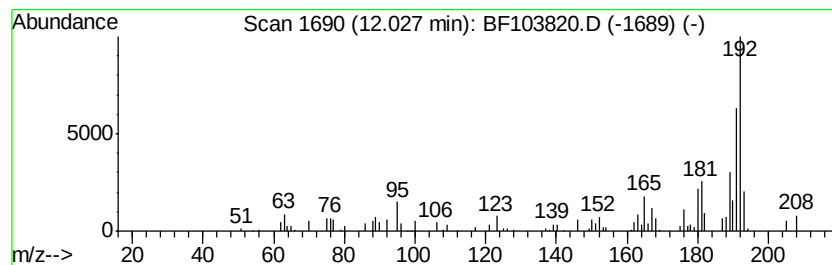
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.54 ng	137795	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103820.D
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Sample : J1979-01
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Instrument :
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ClientSampleId :
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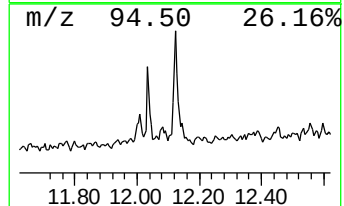
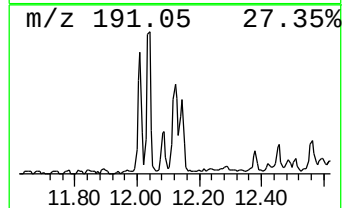
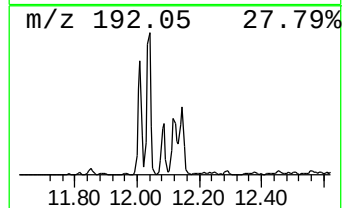
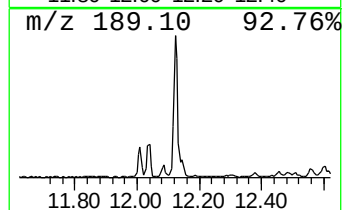
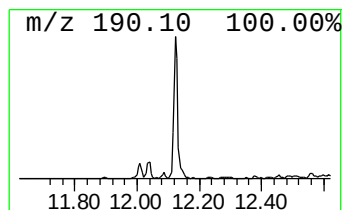
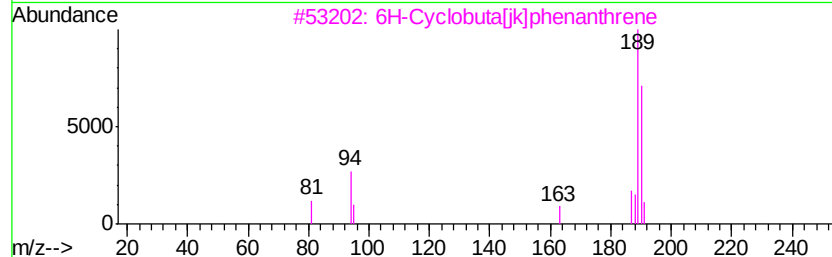
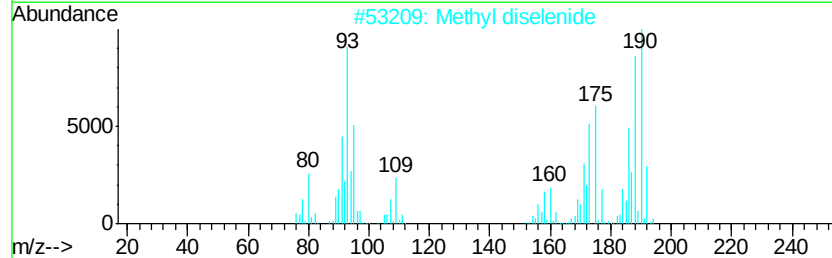
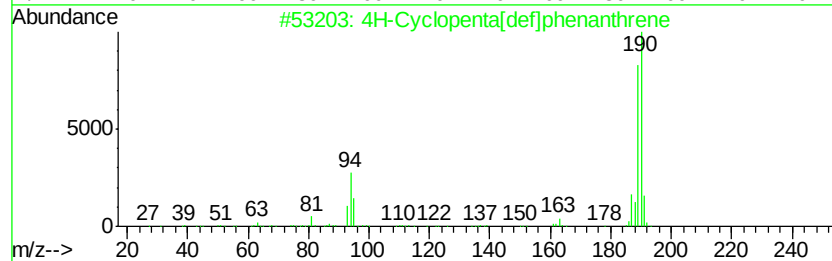
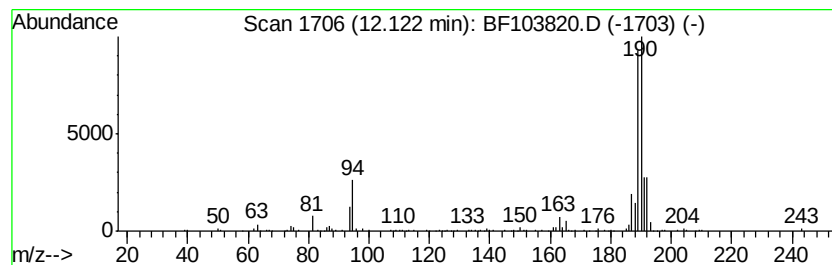
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.55 ng	192587	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	16



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103820.D
Acq On : 20 Mar 2018 23:14
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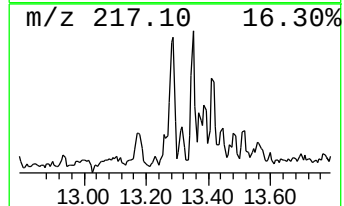
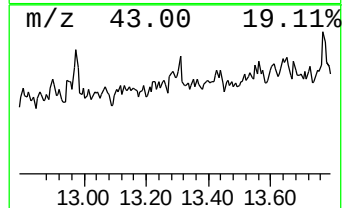
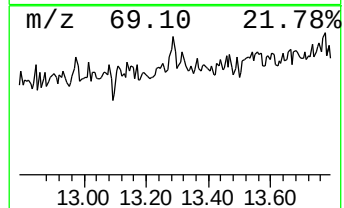
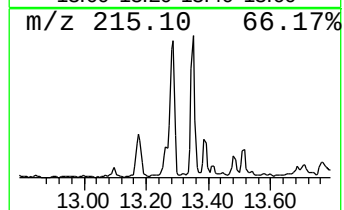
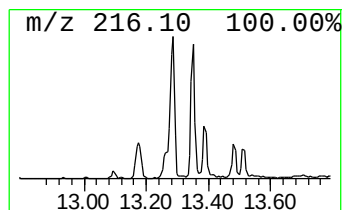
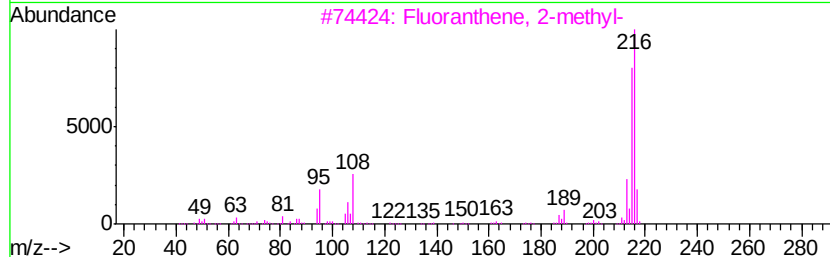
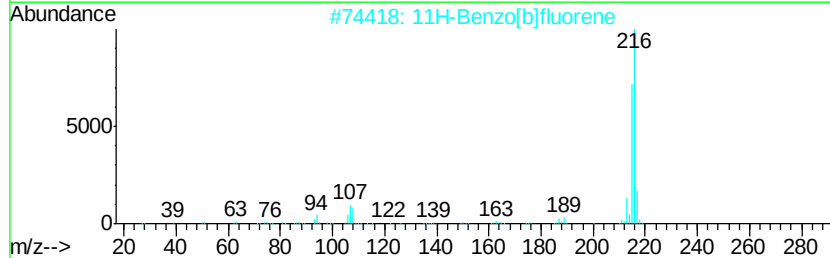
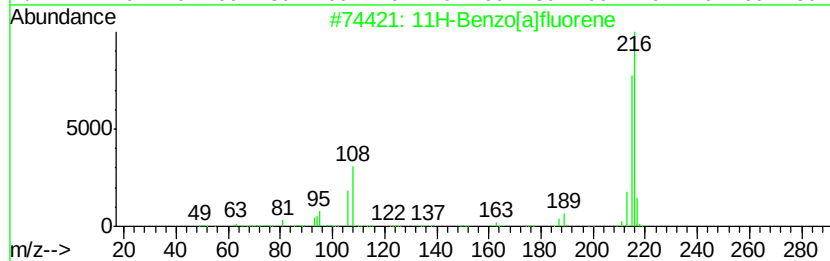
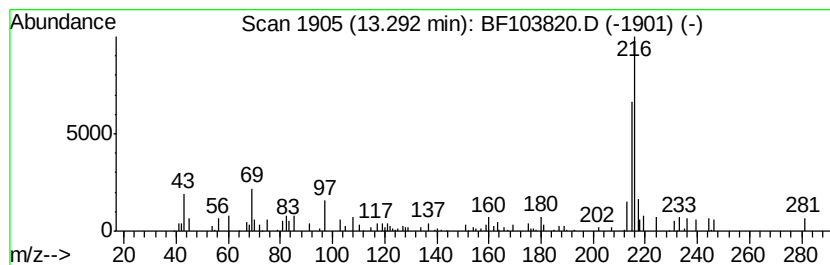
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.56 ng	152700	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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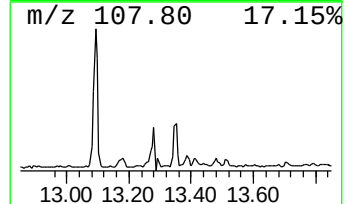
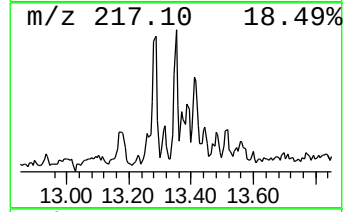
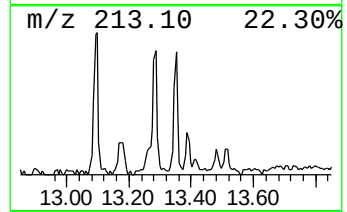
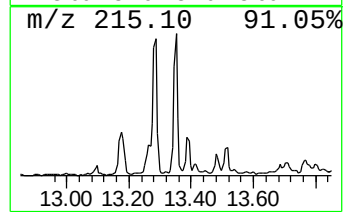
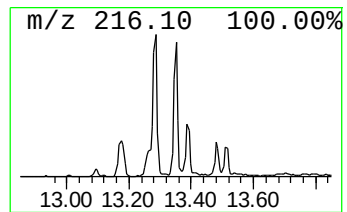
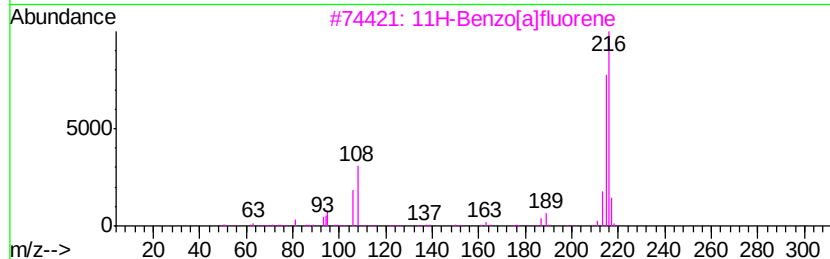
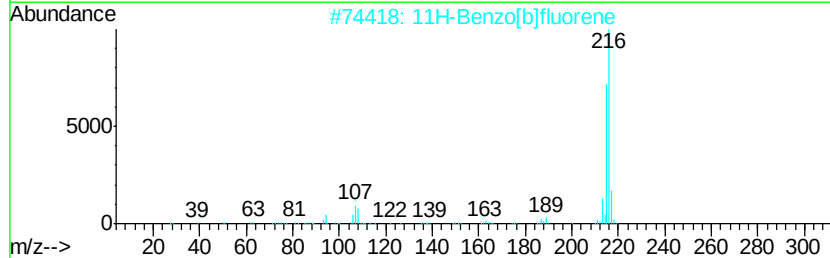
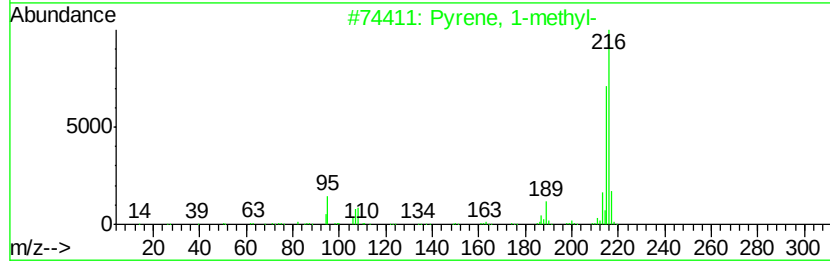
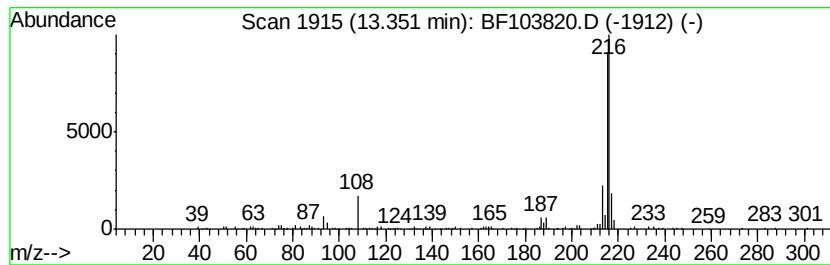
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.35	2.03 ng	120844	Chrysene-d12		14.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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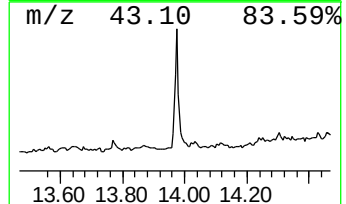
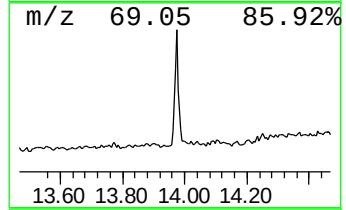
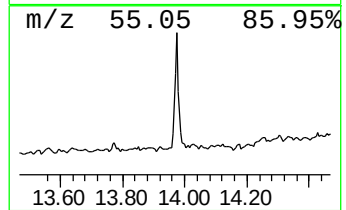
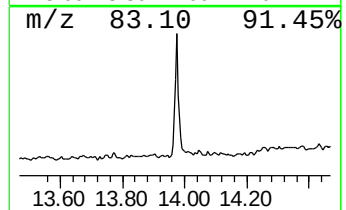
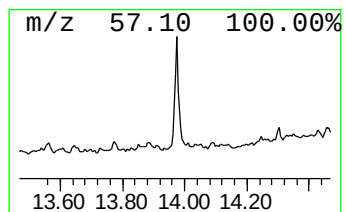
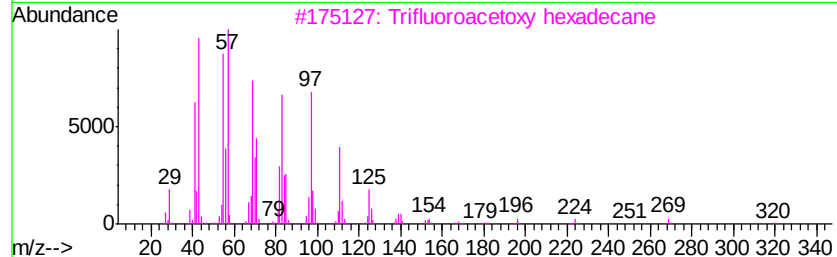
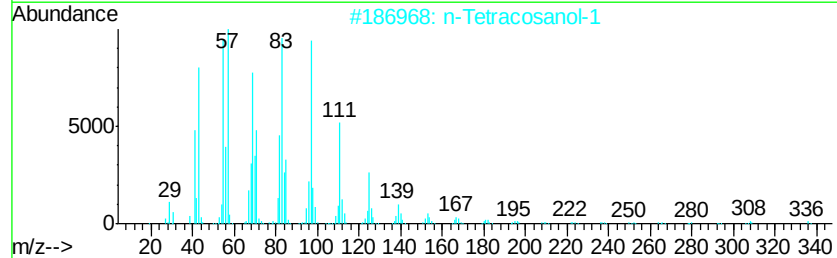
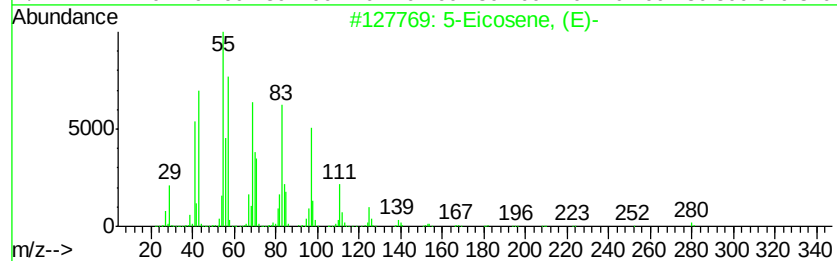
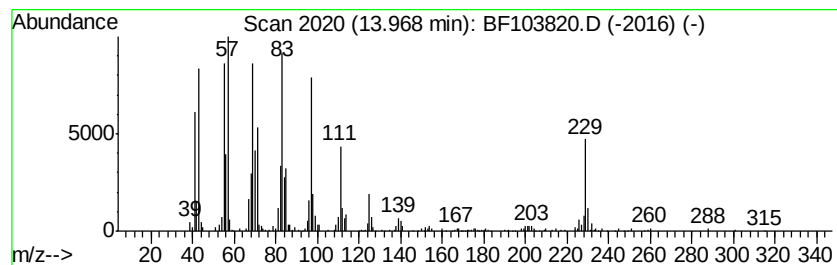
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.96 ng	533654	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Cyclopentadecane	210	C15H30	000295-48-7	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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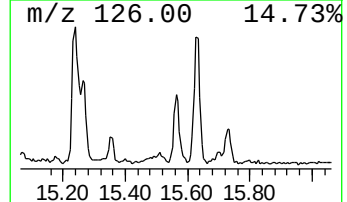
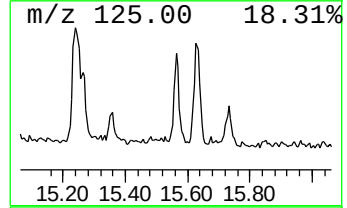
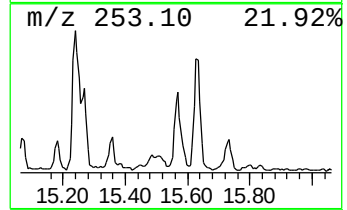
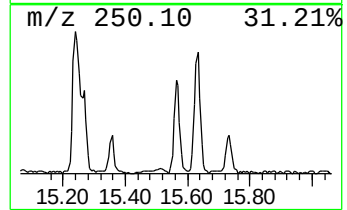
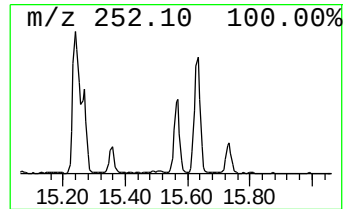
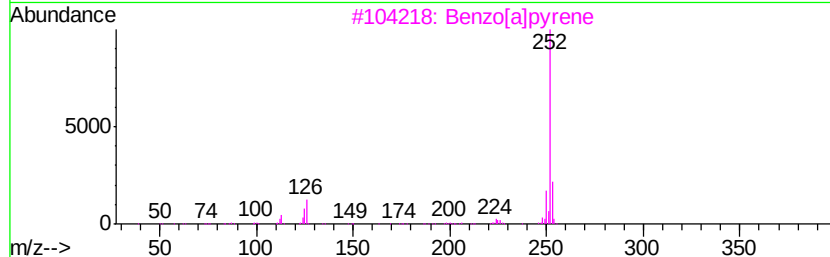
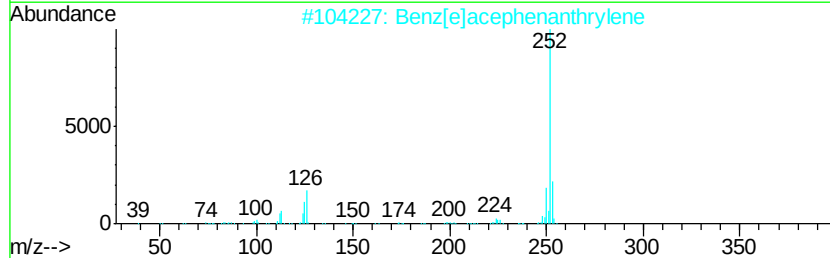
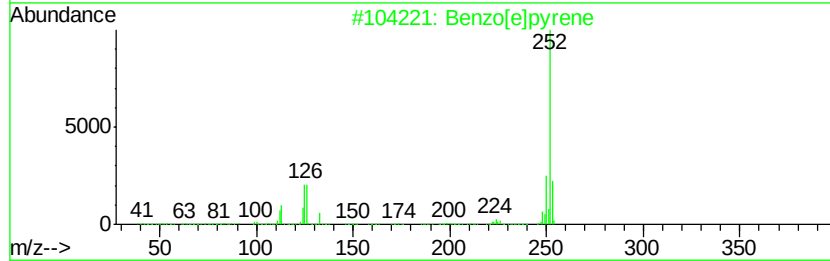
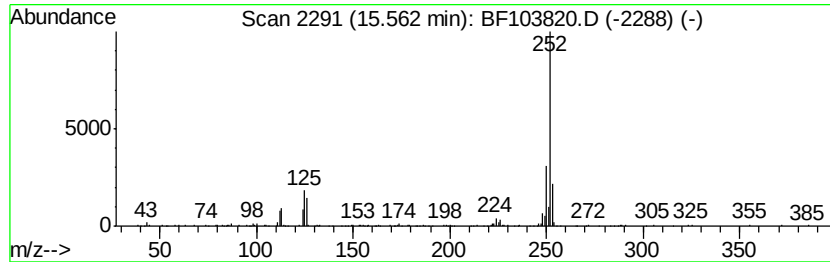
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	6.57 ng	213862	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	95
4			Benzo[i]lfluoranthene	252	C20H12	000205-82-3	91
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032018\
Data File : BF103820.D
Acq On : 20 Mar 2018 23:14
Operator : JU/SJ
Sample : J1979-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
Butane, 2-methoxy...	2.33	4.4	ng	178732	1	6.97	806284	20.0
2-Pentanone, 4-hy...	5.22	5.5	ng	222783	1	6.97	806284	20.0
unknown6.75	6.75	92.5	ng	3728080	1	6.97	806284	20.0
Heptadecane	10.43	2.3	ng	141803	3	10.02	1250550	20.0
5H-Dibenzo[a,d]cy...	12.01	2.6	ng	141254	4	11.51	1084140	20.0
Phenanthrene, 2-m...	12.03	2.5	ng	137795	4	11.51	1084140	20.0
4H-Cyclopenta[def...	12.12	3.5	ng	192587	4	11.51	1084140	20.0
11H-Benzo[a]fluorene	13.29	2.6	ng	152700	5	14.16	1190690	20.0
Pyrene, 1-methyl-	13.35	2.0	ng	120844	5	14.16	1190690	20.0
5-Eicosene, (E)-	13.97	9.0	ng	533654	5	14.16	1190690	20.0
Benzo[e]pyrene	15.56	6.6	ng	213862	6	15.70	650933	20.0