

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103425.D
 Acq On : 5 Mar 2018 22:42
 Operator : SJ/JU
 Sample : J1723-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

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	2.128	3	7	14	rVB	205259	282998	8.52%	0.982%
2	5.110	511	514	523	rBV	51892	80464	2.42%	0.279%
3	5.504	577	581	609	rBV	2449408	3323364	100.00%	11.531%
4	6.516	749	753	771	rBV	2419325	3249033	97.76%	11.273%
5	6.645	771	775	789	rVB	2722626	3054857	91.92%	10.600%
6	6.875	810	814	821	rBV	732399	764916	23.02%	2.654%
7	7.028	836	840	856	rBV	2173263	2129003	64.06%	7.387%
8	7.439	906	910	927	rBV	1682847	1795685	54.03%	6.231%
9	8.157	1028	1032	1050	rVB	965090	1037032	31.20%	3.598%
10	8.875	1151	1154	1157	rBV	35939	35979	1.08%	0.125%
11	9.227	1210	1214	1223	rBV	2507327	2454179	73.85%	8.515%
12	9.616	1275	1280	1287	rVB4	23853	51759	1.56%	0.180%
13	9.780	1304	1308	1311	rBV	35260	42502	1.28%	0.147%
14	9.827	1312	1316	1320	rVB	52911	47133	1.42%	0.164%
15	9.916	1327	1331	1334	rBV	1018635	907712	27.31%	3.150%
16	9.945	1334	1336	1342	rVB	81466	82739	2.49%	0.287%
17	10.122	1362	1366	1369	rBV2	40066	48099	1.45%	0.167%
18	10.327	1397	1401	1404	rVB2	91295	86325	2.60%	0.300%
19	10.469	1421	1425	1431	rVB	47810	54309	1.63%	0.188%
20	10.551	1433	1439	1441	rBV3	36010	54375	1.64%	0.189%
21	10.710	1462	1466	1474	rBV	1245770	1344553	40.46%	4.665%
22	10.804	1479	1482	1492	rVB2	66837	109092	3.28%	0.379%
23	11.251	1556	1558	1561	rVV3	64175	69956	2.10%	0.243%
24	11.310	1565	1568	1571	rVB2	36073	37911	1.14%	0.132%
25	11.410	1581	1585	1587	rBV	864513	750969	22.60%	2.606%
26	11.433	1587	1589	1593	rVV	565000	475541	14.31%	1.650%
27	11.486	1595	1598	1603	rVB	131034	120057	3.61%	0.417%
28	11.651	1618	1626	1629	rBV	80486	108718	3.27%	0.377%
29	11.916	1668	1671	1673	rVV	64223	74946	2.26%	0.260%
30	11.945	1673	1676	1680	rVB2	112220	116240	3.50%	0.403%
31	12.021	1686	1689	1692	rBV2	104137	128415	3.86%	0.446%
32	12.086	1697	1700	1705	rBV	110504	115962	3.49%	0.402%
33	12.204	1718	1720	1723	rVV	42678	45762	1.38%	0.159%
34	12.245	1725	1727	1730	rVB2	35144	34956	1.05%	0.121%

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Instrument :
BNA_F
ClientSampleId :
SP-26

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

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

35	12.280	1730	1733	1737	rVB5	51670	58779	1.77%	0.204%
36	12.374	1746	1749	1753	rVB5	51260	60330	1.82%	0.209%
37	12.468	1762	1765	1768	rBV2	63782	80645	2.43%	0.280%
38	12.633	1789	1793	1796	rBV	870113	810590	24.39%	2.813%
39	12.863	1829	1832	1838	rVB	796494	727058	21.88%	2.523%
40	12.910	1838	1840	1844	rVB2	40423	41344	1.24%	0.143%
41	12.998	1850	1855	1858	rBV	1593605	1611989	48.50%	5.593%
42	13.027	1858	1860	1865	rVB	49061	47056	1.42%	0.163%
43	13.086	1865	1870	1872	rBV2	51104	93669	2.82%	0.325%
44	13.192	1885	1888	1893	rVB2	107968	127059	3.82%	0.441%
45	13.257	1897	1899	1902	rVB	53483	45069	1.36%	0.156%
46	13.421	1925	1927	1932	rBV2	51949	50942	1.53%	0.177%
47	13.874	2001	2004	2009	rBV4	103737	155573	4.68%	0.540%
48	14.068	2032	2037	2040	rBV2	641853	914411	27.51%	3.173%
49	14.092	2040	2041	2045	rVB	313899	228203	6.87%	0.792%
50	15.139	2215	2219	2221	rBV	183381	267672	8.05%	0.929%
51	15.515	2281	2283	2288	rVB	138448	135352	4.07%	0.470%
52	15.580	2291	2294	2297	rVB	235264	249461	7.51%	0.866%

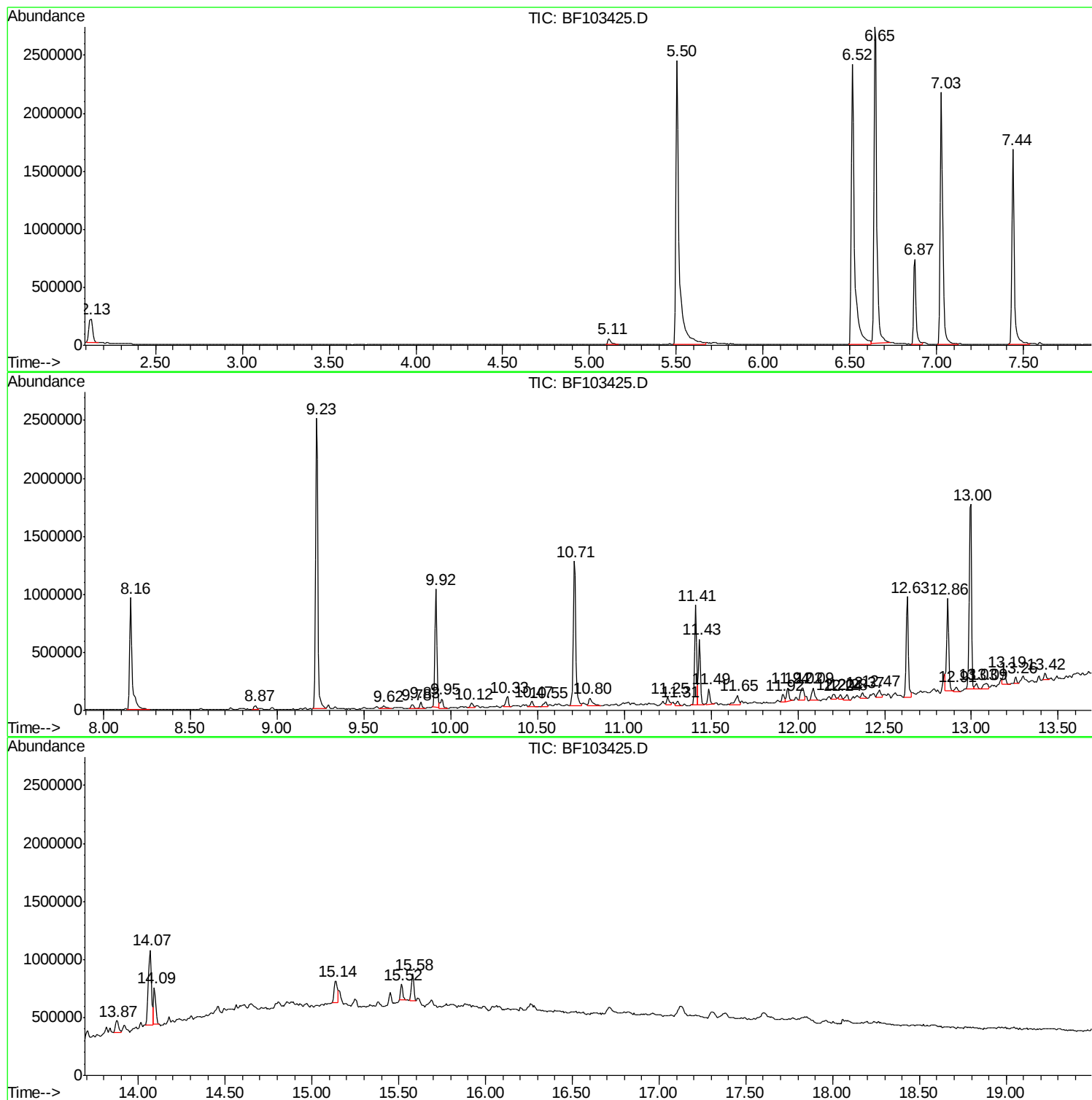
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Instrument :
BNA_F
ClientSampled :
SP-26

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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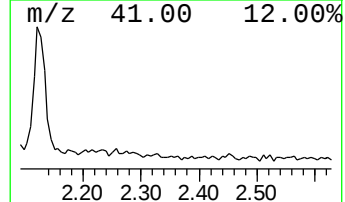
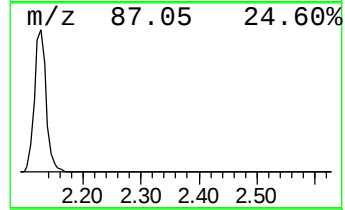
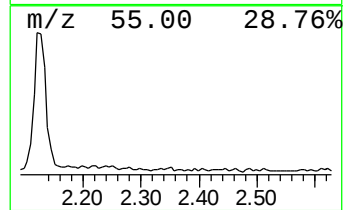
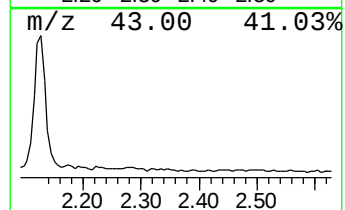
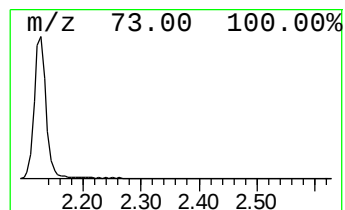
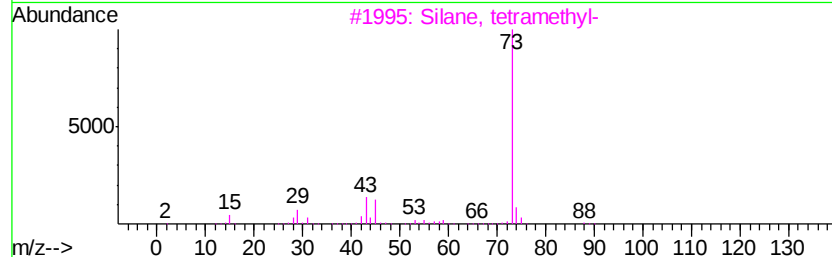
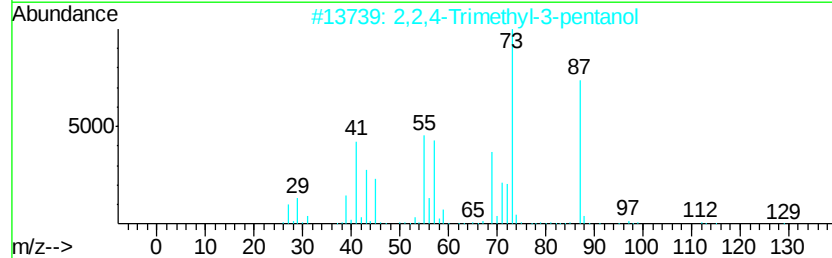
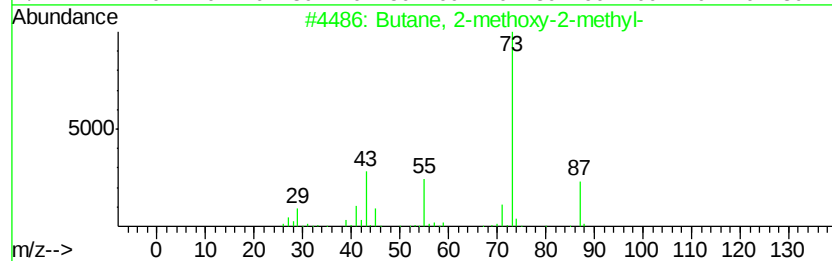
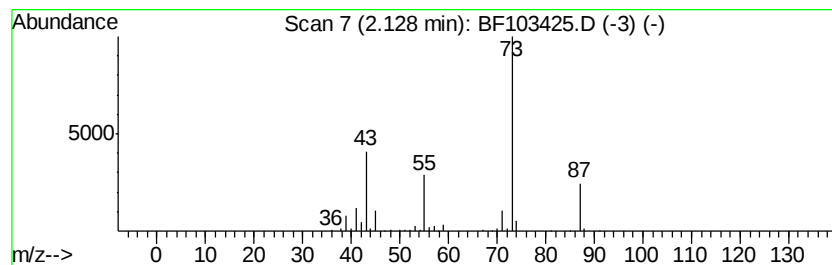
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	7.40 ng	282998	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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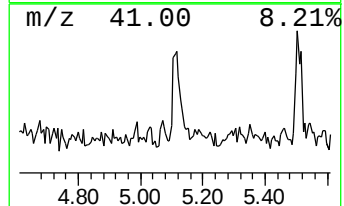
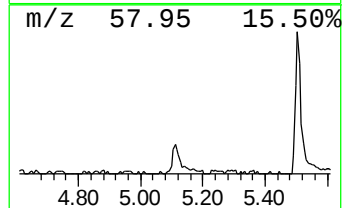
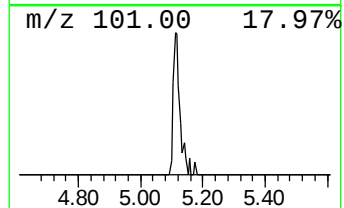
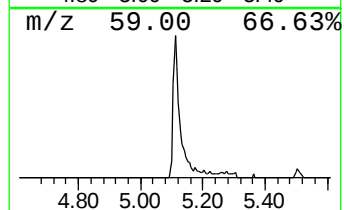
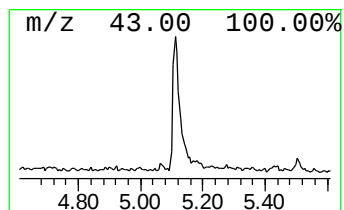
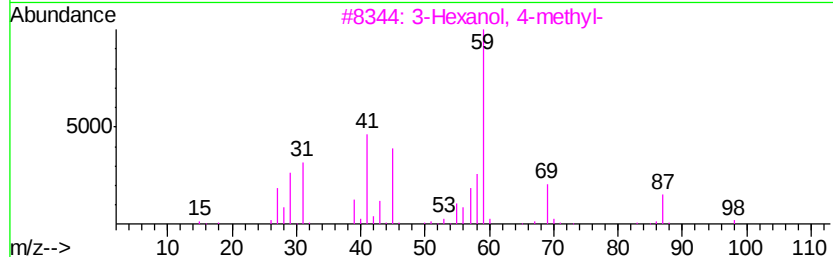
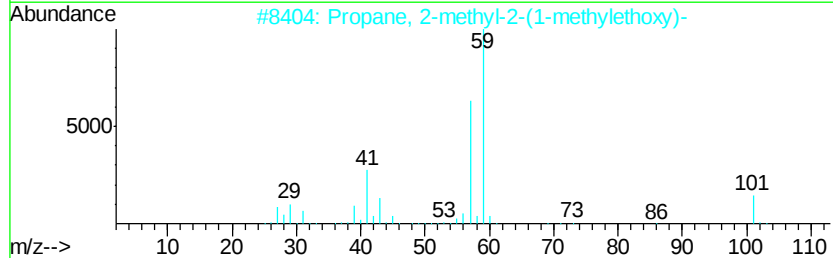
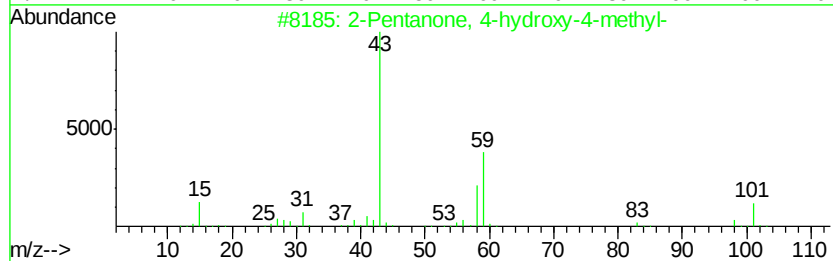
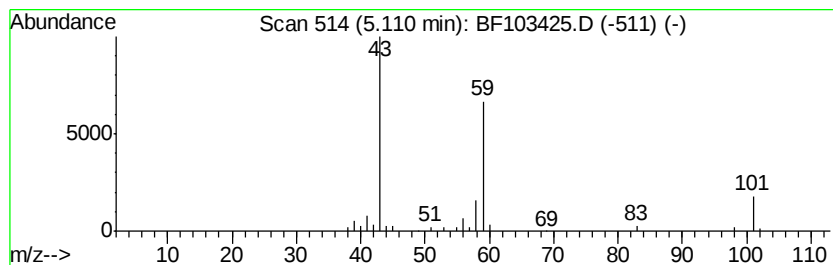
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.10 ng	80464	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32



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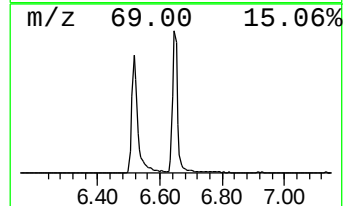
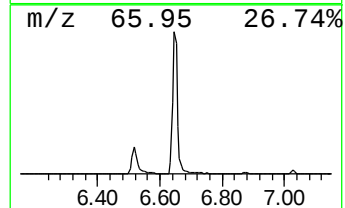
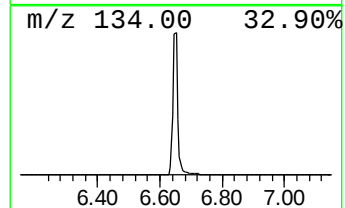
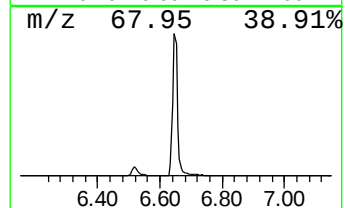
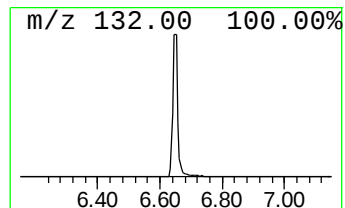
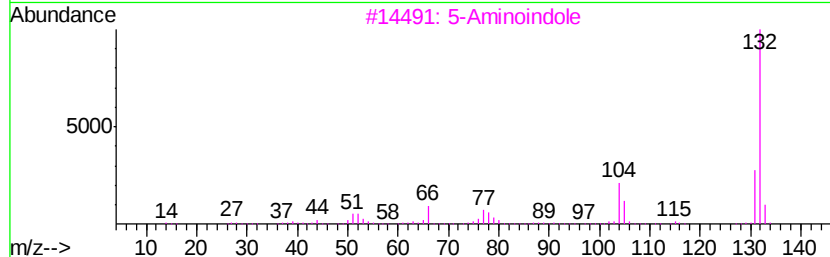
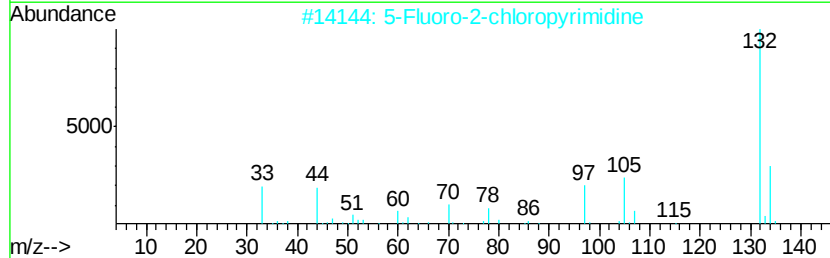
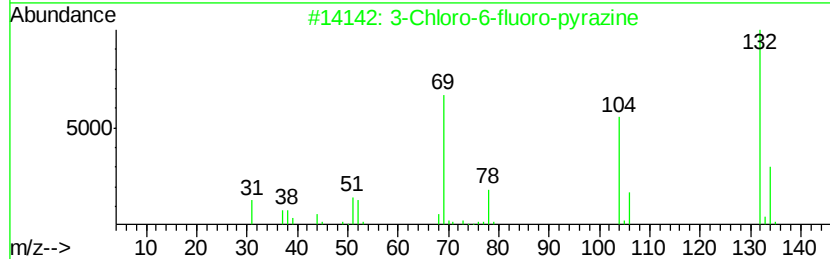
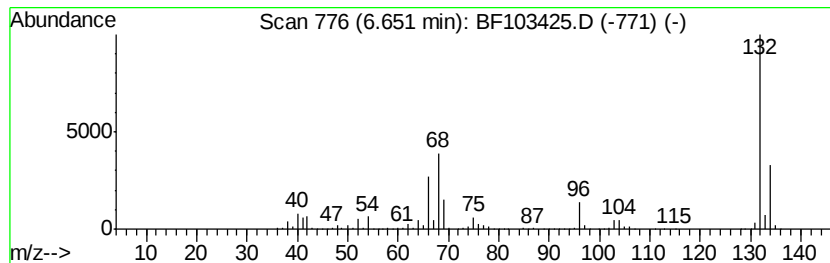
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	79.87 ng	3054860	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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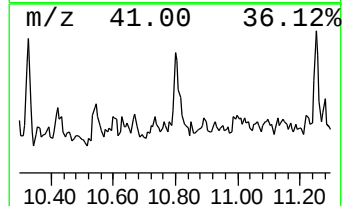
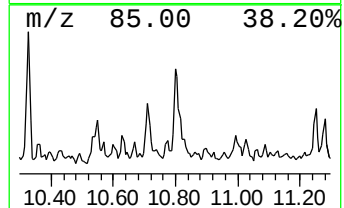
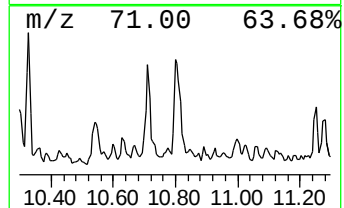
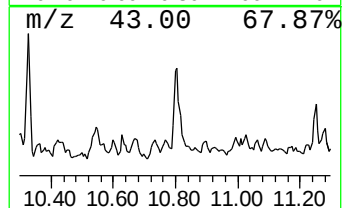
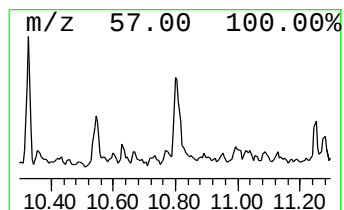
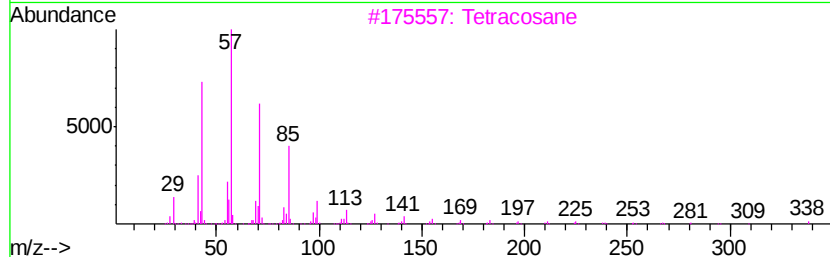
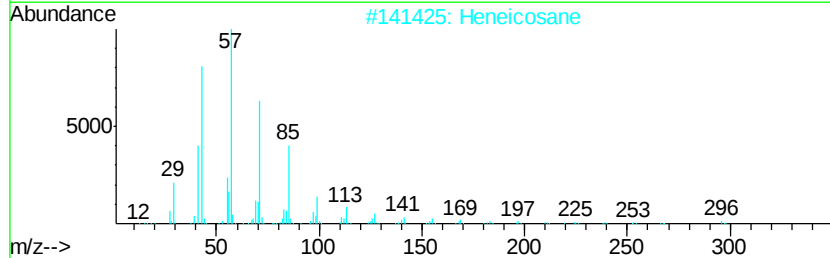
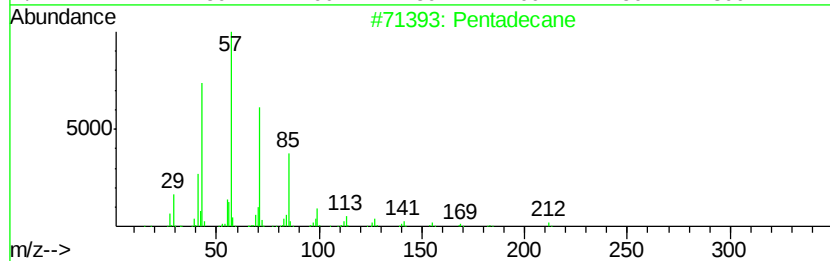
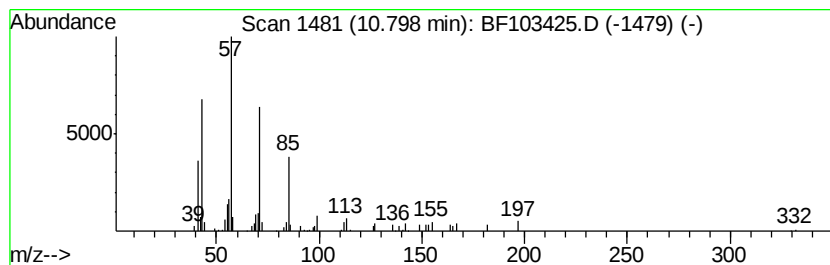
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.91 ng	109092	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Heneicosane		296	C21H44	000629-94-7	68
3	Tetracosane		338	C24H50	000646-31-1	68
4	Eicosane		282	C20H42	000112-95-8	64
5	Octadecane		254	C18H38	000593-45-3	64



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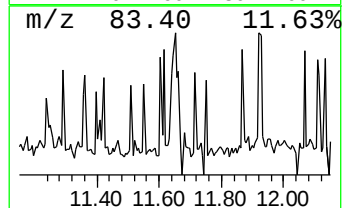
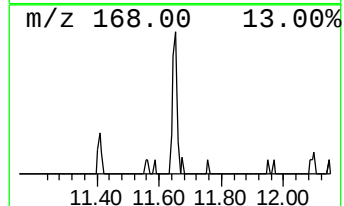
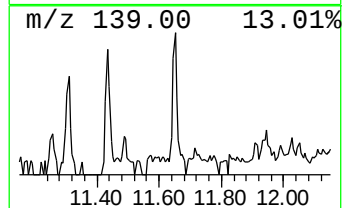
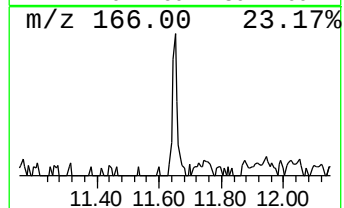
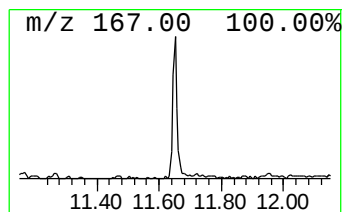
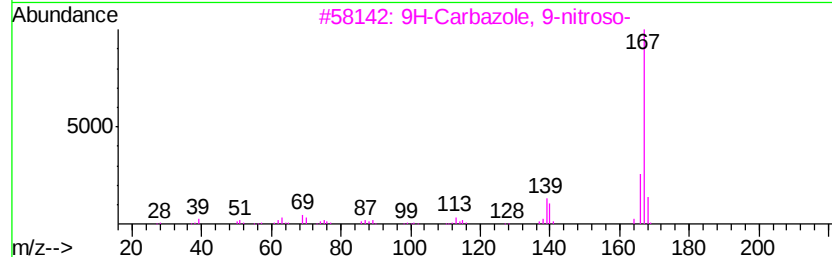
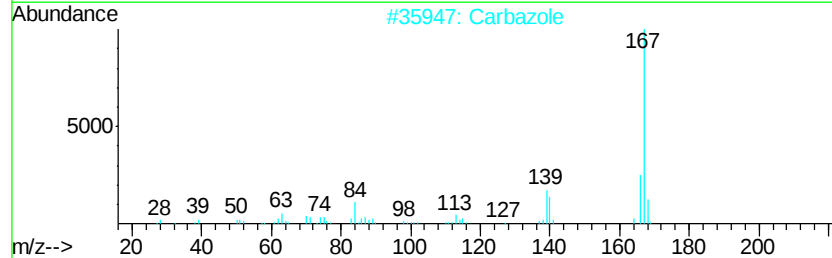
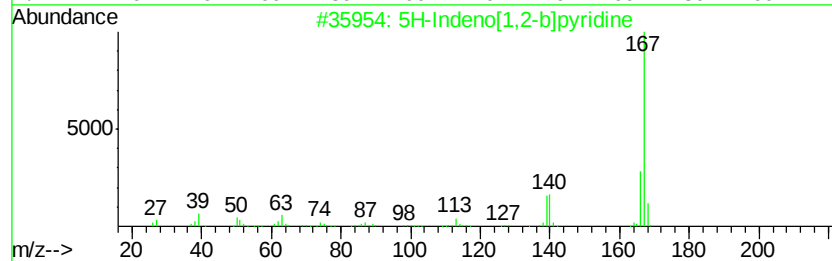
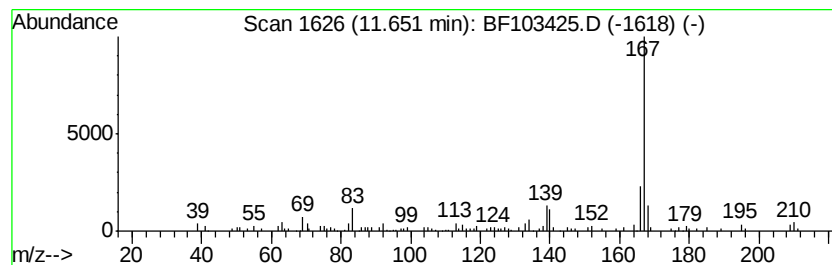
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.90 ng	108718	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	93
2	Carbazole		167	C12H9N	000086-74-8	87
3	9H-Carbazole, 9-nitroso-		196	C12H8N2O	002788-23-0	83
4	D-Galactitol, 2-(acetylmethylami...		363	C16H29N08	074410-42-7	64
5	9H-Carbazole-9-methanol		197	C13H11NO	002409-36-1	64



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Acq On : 5 Mar 2018 22:42
Operator : SJ/JU
Sample : J1723-13
Misc :
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Instrument :
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ClientSampleId :
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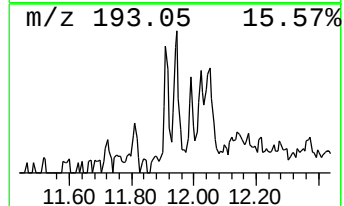
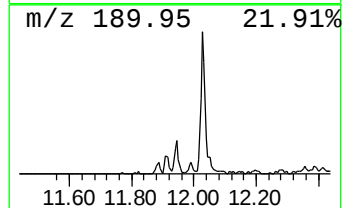
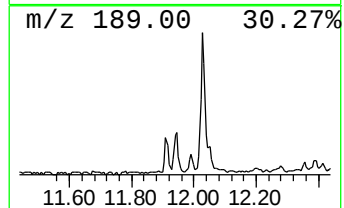
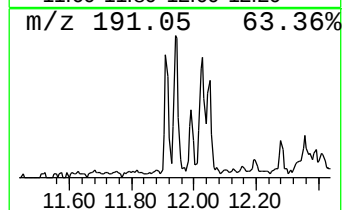
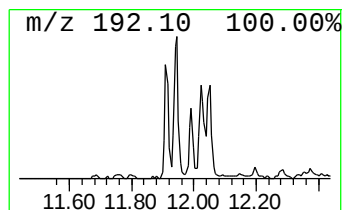
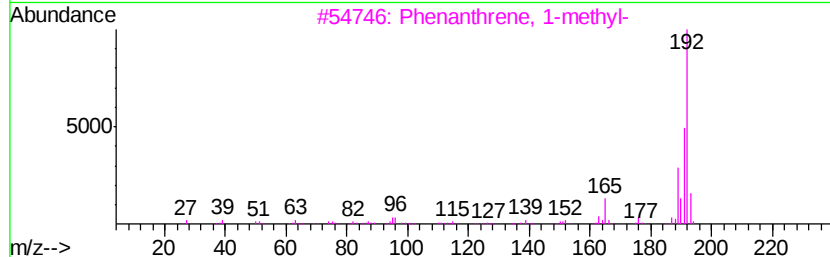
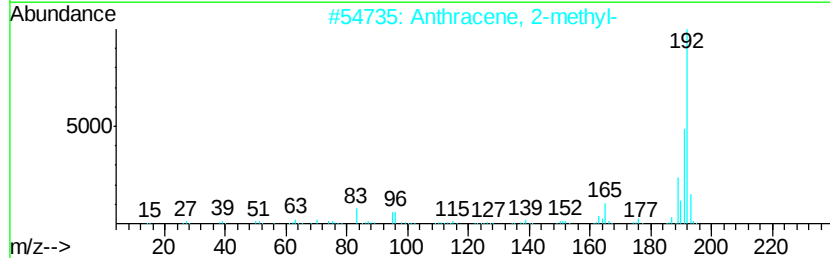
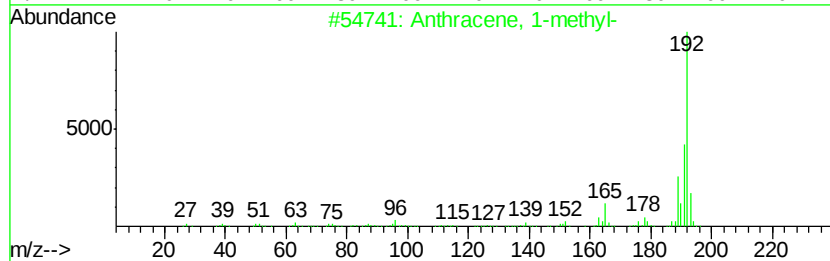
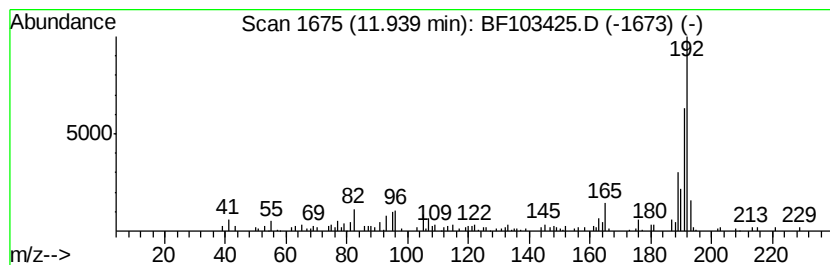
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.10 ng	116240	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89



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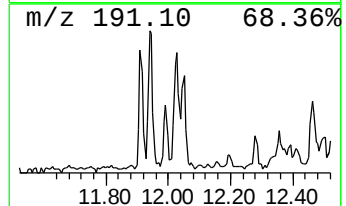
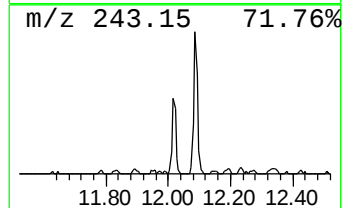
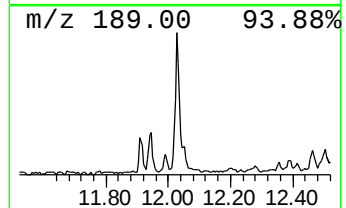
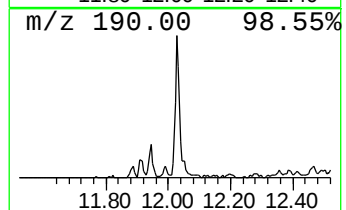
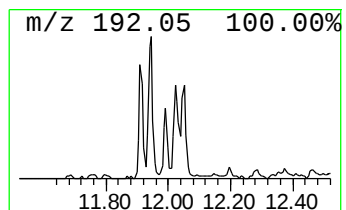
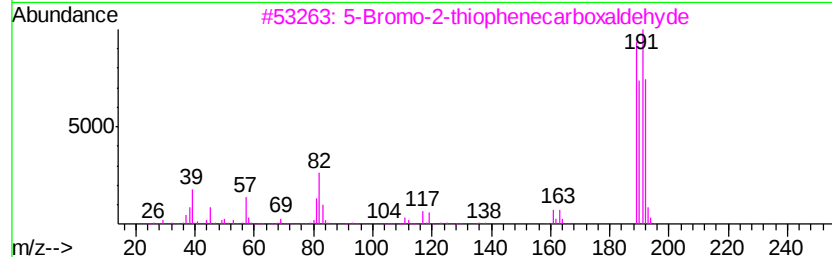
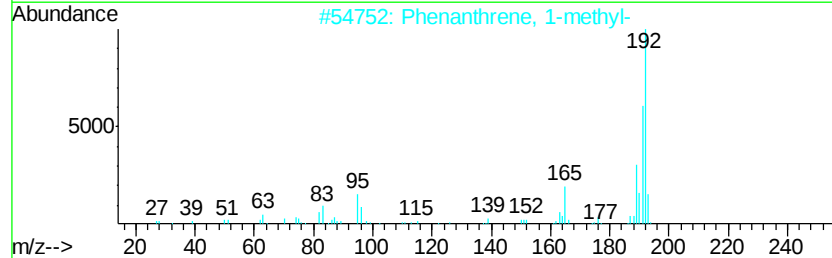
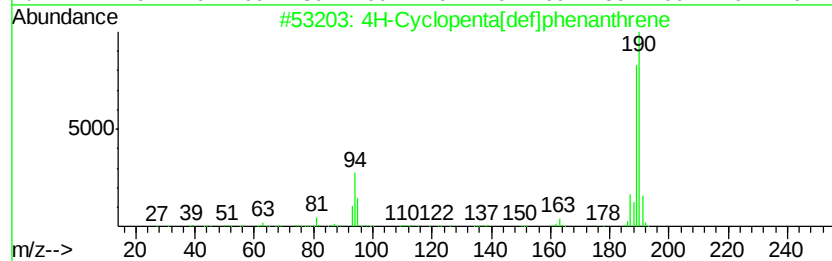
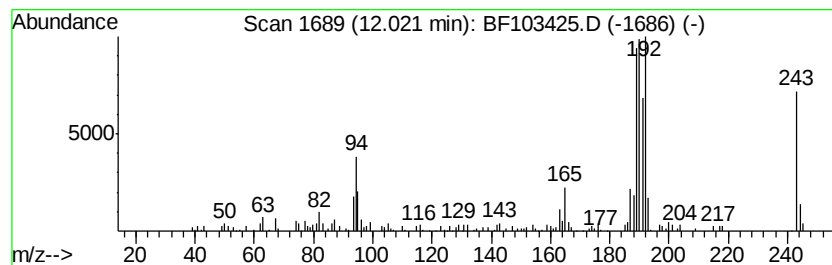
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.42 ng	128415	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51
3		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	46
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38



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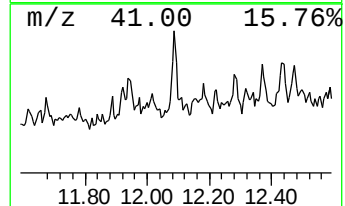
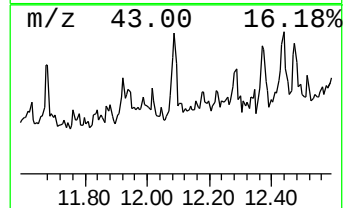
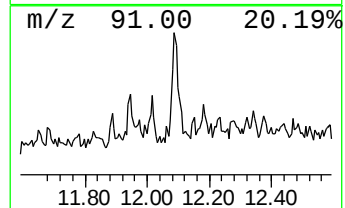
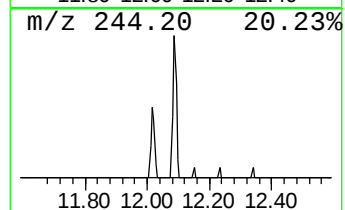
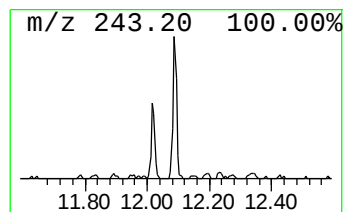
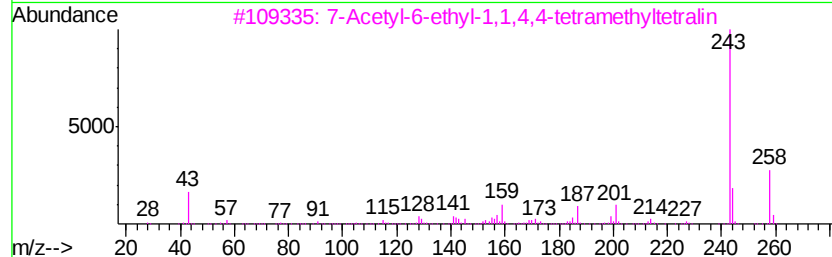
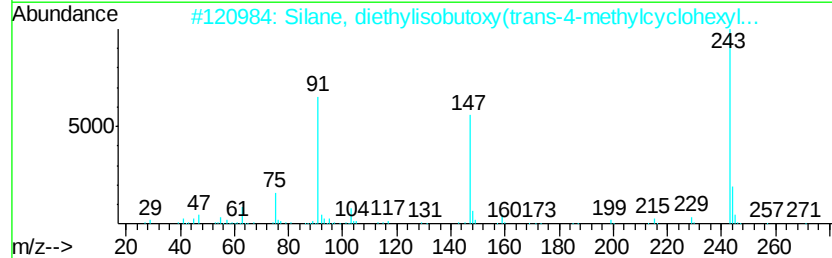
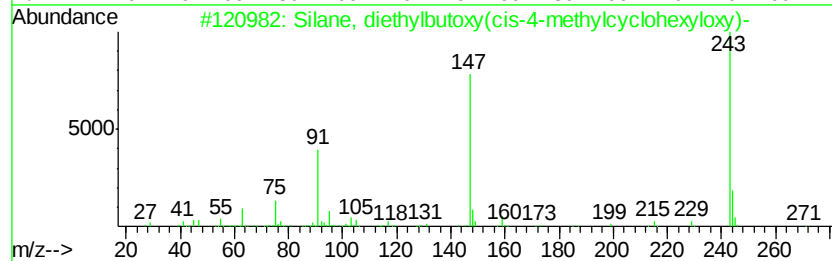
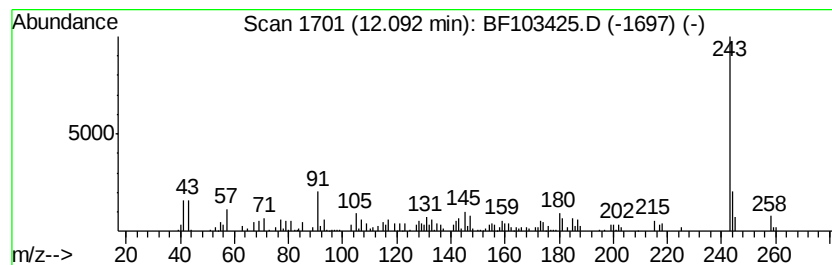
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Silane, diethylbutoxy(cis-4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.09 ng	115962	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, diethylbutoxy(cis-4-meth...	272	C15H32O2Si	1000363-55-0	64
2		Silane, diethylisobutoxy(trans-4...	272	C15H32O2Si	1000363-56-4	64
3		7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	59
4		Benzene, 1,1',1''-ethylidynetris-	258	C20H18	005271-39-6	58
5		3a,6-Epoxy-3ah-isoindole, 1,2,3,...	243	C15H17NO2	071840-23-8	53



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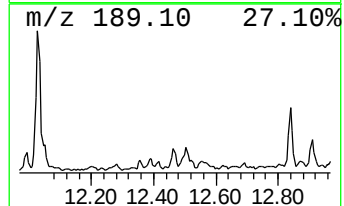
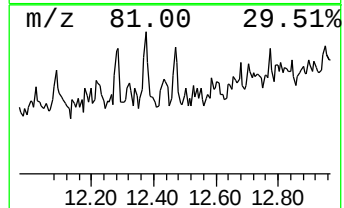
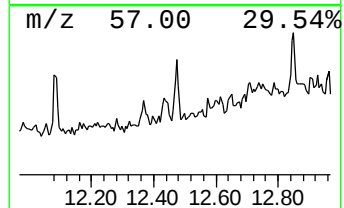
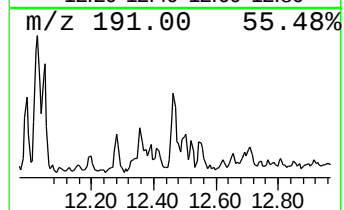
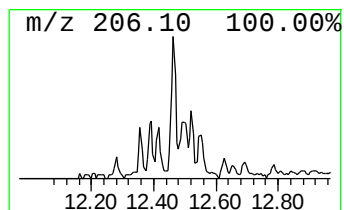
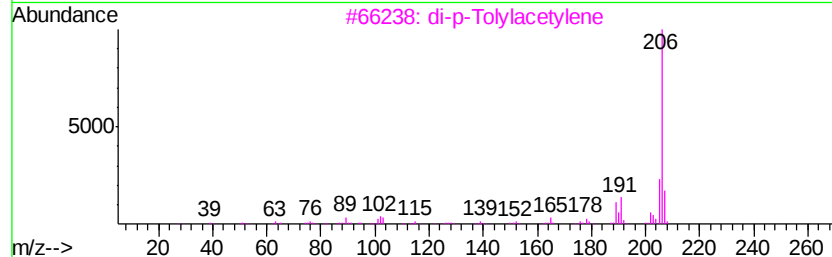
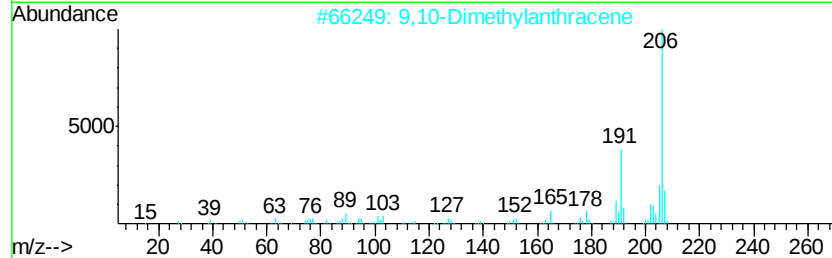
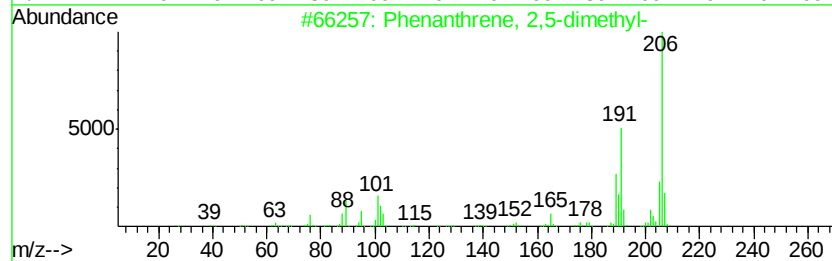
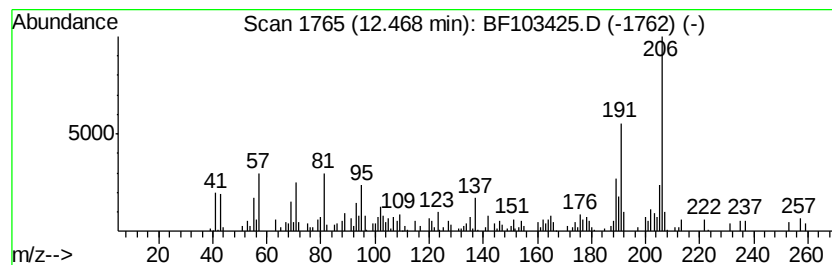
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.47	2.15 ng	80645	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	89
3	di-p-Tolvlacetylvene	206	C16H14	002789-88-0	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72



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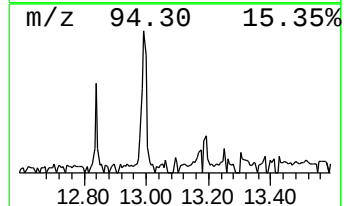
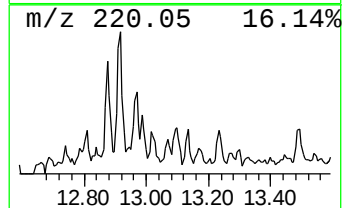
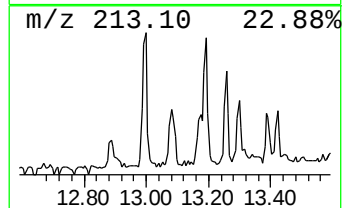
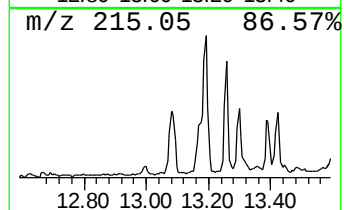
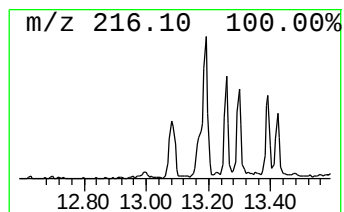
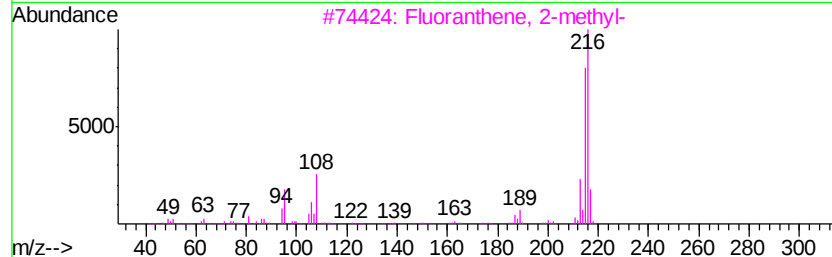
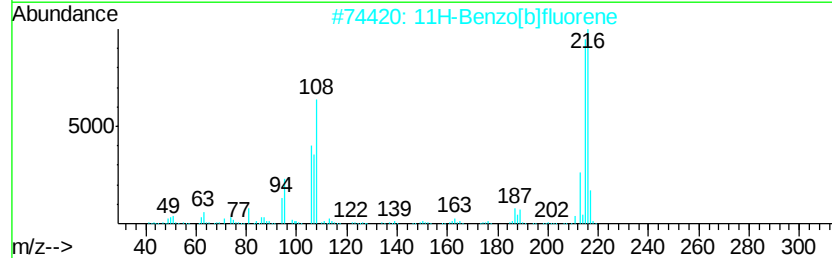
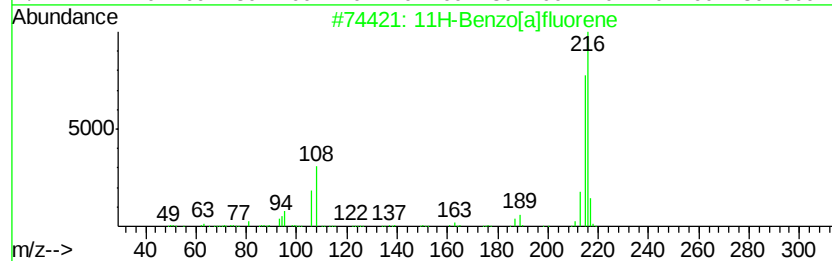
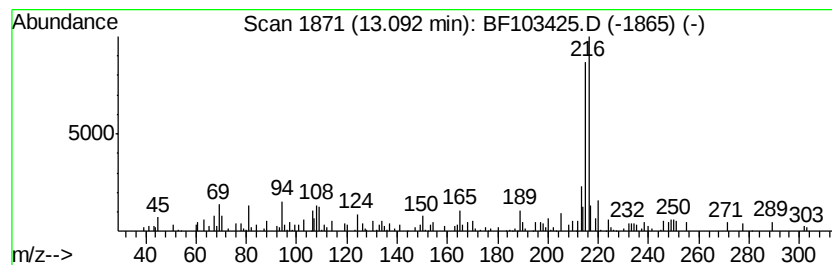
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.09	2.05 ng	93669	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	60



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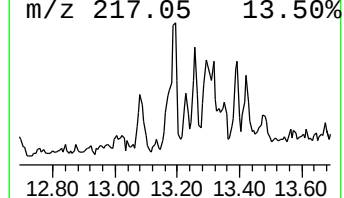
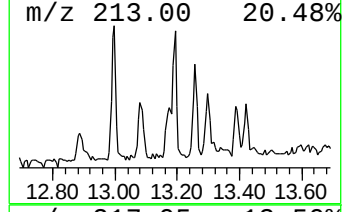
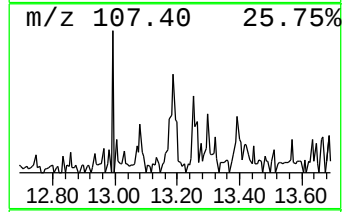
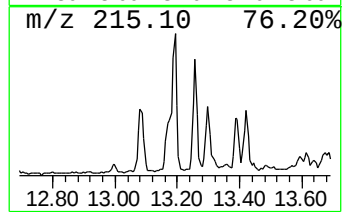
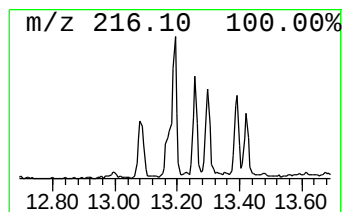
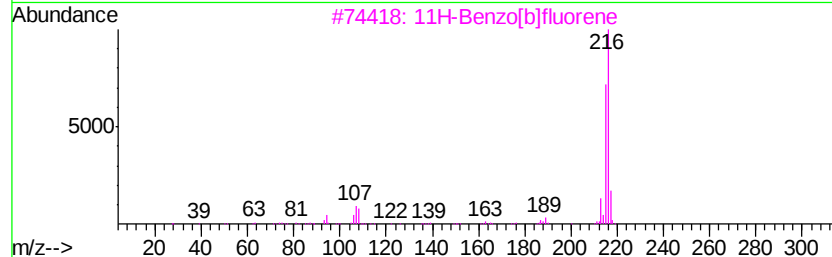
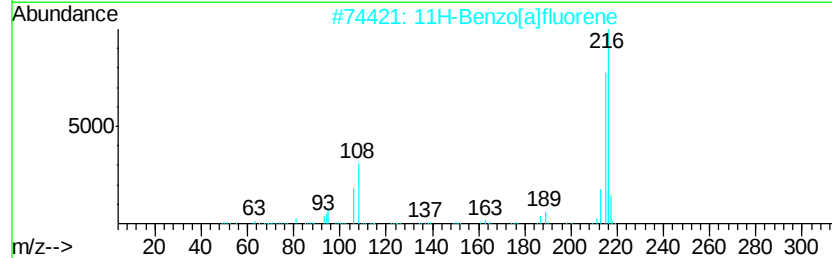
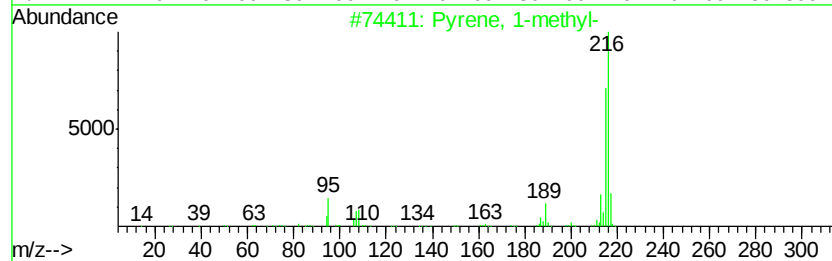
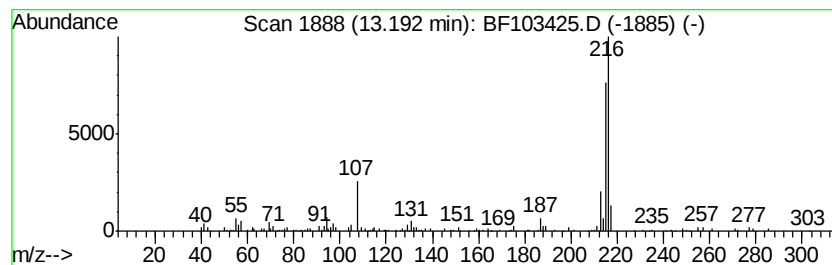
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.78 ng	127059	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
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Sample : J1723-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

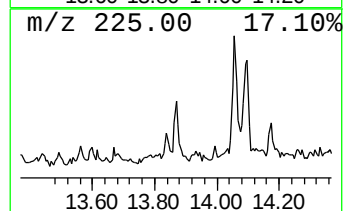
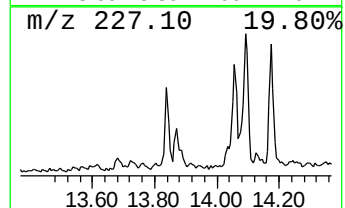
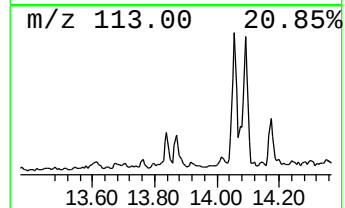
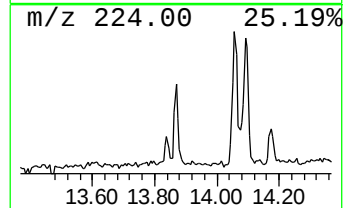
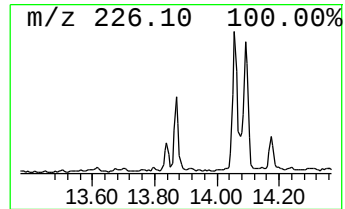
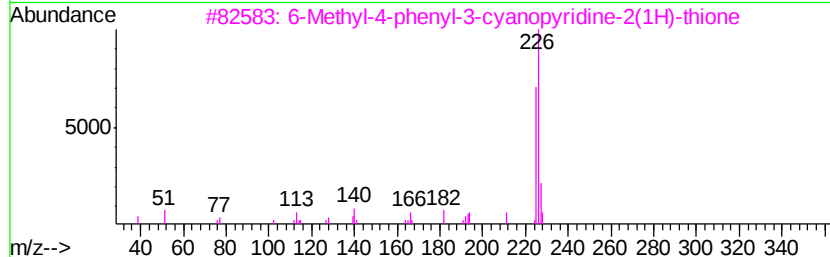
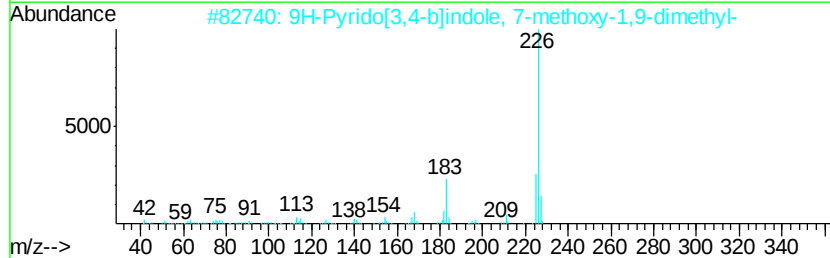
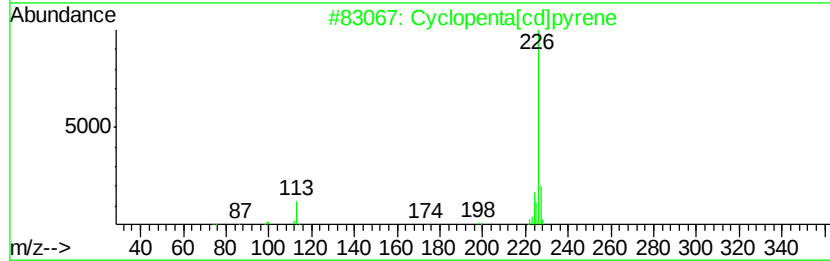
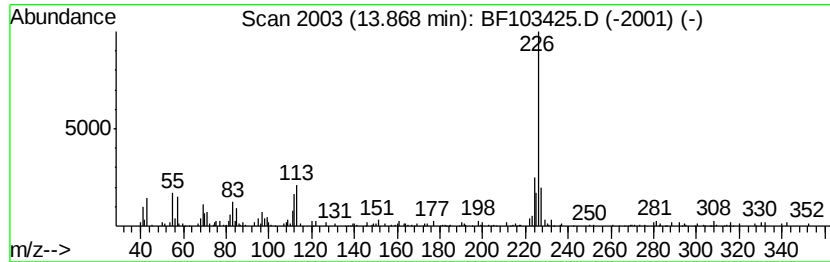
Instrument :
BNA_F
ClientSampleId :
SP-26

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 13 unknown13.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	3.40 ng	155573	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	35
3	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	32
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	27
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103425.D
 Acq On : 5 Mar 2018 22:42
 Operator : SJ/JU
 Sample : J1723-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

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
Butane, 2-methoxy...	2.13	7.4	ng	282998	1	6.87	764916	20.0
2-Pentanone, 4-hy...	5.11	2.1	ng	80464	1	6.87	764916	20.0
unknown6.65	6.65	79.9	ng	3054860	1	6.87	764916	20.0
Pentadecane	10.80	2.9	ng	109092	4	11.41	750969	20.0
5H-Indeno[1,2-b]p...	11.65	2.9	ng	108718	4	11.41	750969	20.0
Anthracene, 1-met...	11.94	3.1	ng	116240	4	11.41	750969	20.0
4H-Cyclopenta[def...	12.02	3.4	ng	128415	4	11.41	750969	20.0
Silane, diethylbu...	12.09	3.1	ng	115962	4	11.41	750969	20.0
Phenanthrene, 2,5...	12.47	2.1	ng	80645	4	11.41	750969	20.0
11H-Benzo[a]fluorene	13.09	2.0	ng	93669	5	14.07	914411	20.0
Pyrene, 1-methyl-	13.19	2.8	ng	127059	5	14.07	914411	20.0
unknown13.87	13.87	3.4	ng	155573	5	14.07	914411	20.0