

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109804.D
 Acq On : 11 Oct 2018 23:23
 Operator : JU/SJ
 Sample : J5314-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-20

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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	4.887	474	476	488	rBV	30378	46225	3.50%	0.260%
2	5.316	545	549	570	rBV	784479	1109824	84.10%	6.241%
3	6.340	720	723	741	rBV	886292	1252190	94.88%	7.041%
4	6.463	741	744	760	rVB	1165213	1319725	100.00%	7.421%
5	6.692	780	783	802	rBV	275313	397954	30.15%	2.238%
6	6.851	806	810	832	rBV	881891	1013261	76.78%	5.698%
7	7.257	876	879	909	rBV	523199	828834	62.80%	4.661%
8	7.975	997	1001	1021	rBV	381220	501369	37.99%	2.819%
9	9.045	1180	1183	1202	rBV	1165417	1255391	95.13%	7.059%
10	9.439	1247	1250	1258	rBV	97866	112414	8.52%	0.632%
11	9.722	1294	1298	1302	rBV	453589	461602	34.98%	2.596%
12	10.269	1388	1391	1398	rBV2	10351	17690	1.34%	0.099%
13	10.504	1428	1431	1450	rBV	502880	692242	52.45%	3.893%
14	10.633	1450	1453	1459	rVB6	14285	24439	1.85%	0.137%
15	11.104	1530	1533	1537	rVB2	11716	17078	1.29%	0.096%
16	11.198	1546	1549	1551	rBV	367186	366030	27.74%	2.058%
17	11.222	1551	1553	1560	rVV	304593	389103	29.48%	2.188%
18	11.280	1560	1563	1571	rVB	64389	105454	7.99%	0.593%
19	11.451	1587	1592	1597	rBV7	11054	23858	1.81%	0.134%
20	11.704	1630	1635	1637	rBV	41188	52129	3.95%	0.293%
21	11.733	1637	1640	1645	rVV2	80988	116354	8.82%	0.654%
22	11.780	1645	1648	1650	rVV	28707	39128	2.96%	0.220%
23	11.810	1650	1653	1663	rVB2	77325	137408	10.41%	0.773%
24	11.998	1682	1685	1687	rBV	29592	31706	2.40%	0.178%
25	12.145	1707	1710	1713	rBV3	12328	15412	1.17%	0.087%
26	12.251	1725	1728	1730	rBV	42327	47504	3.60%	0.267%
27	12.286	1731	1734	1740	rVB4	25542	39525	2.99%	0.222%
28	12.339	1740	1743	1751	rVB4	27106	35050	2.66%	0.197%
29	12.404	1751	1754	1762	rBV	602866	701017	53.12%	3.942%
30	12.557	1777	1780	1784	rBV	21893	30692	2.33%	0.173%
31	12.633	1787	1793	1800	rBV	570367	735195	55.71%	4.134%
32	12.686	1800	1802	1807	rVB3	31683	45045	3.41%	0.253%
33	12.774	1812	1817	1826	rVV	917753	1063684	80.60%	5.981%
34	12.851	1827	1830	1838	rVB3	43206	73473	5.57%	0.413%

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Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.939	1842	1845	1846	rBV2	28111	27266	2.07%	0.153%
36	12.963	1846	1849	1853	rVV	68963	87372	6.62%	0.491%
37	13.027	1857	1860	1863	rVV	44089	53935	4.09%	0.303%
38	13.063	1863	1866	1874	rVB2	59237	101496	7.69%	0.571%
39	13.157	1879	1882	1885	rVB	31272	27187	2.06%	0.153%
40	13.186	1885	1887	1892	rBV3	25848	30486	2.31%	0.171%
41	13.357	1914	1916	1919	rBV4	21155	20819	1.58%	0.117%
42	13.474	1933	1936	1940	rVB	34529	40509	3.07%	0.228%
43	13.580	1951	1954	1956	rBV	45127	51880	3.93%	0.292%
44	13.604	1956	1958	1960	rVV	36021	27727	2.10%	0.156%
45	13.627	1960	1962	1964	rVV	21843	14907	1.13%	0.084%
46	13.680	1969	1971	1979	rVB	102686	144620	10.96%	0.813%
47	13.827	1988	1996	1999	rBV2	668169	1055942	80.01%	5.938%
48	13.851	1999	2000	2009	rVV	337849	358435	27.16%	2.016%
49	13.933	2011	2014	2020	rVB	47545	57049	4.32%	0.321%
50	13.998	2023	2025	2029	rVB4	29957	30494	2.31%	0.171%
51	14.180	2053	2056	2058	rBV3	27871	34635	2.62%	0.195%
52	14.215	2059	2062	2066	rVV	58228	70454	5.34%	0.396%
53	14.298	2074	2076	2080	rVB2	34975	44274	3.35%	0.249%
54	14.592	2123	2126	2129	rBV	54272	52921	4.01%	0.298%
55	14.662	2135	2138	2140	rBV	43465	36191	2.74%	0.204%
56	14.833	2163	2167	2176	rBV	294705	614764	46.58%	3.457%
57	14.904	2176	2179	2182	rVV2	68731	73558	5.57%	0.414%
58	14.933	2182	2184	2188	rVB	31340	32242	2.44%	0.181%
59	15.110	2211	2214	2220	rVB	133291	190074	14.40%	1.069%
60	15.168	2220	2224	2230	rVV	213009	308146	23.35%	1.733%
61	15.227	2230	2234	2250	rVB2	347311	703907	53.34%	3.958%
62	15.645	2302	2305	2309	rVB2	58172	79139	6.00%	0.445%
63	16.098	2379	2382	2387	rVB2	39344	56052	4.25%	0.315%
64	16.256	2404	2409	2413	rBV4	24036	45786	3.47%	0.257%
65	16.580	2459	2464	2469	rBV2	60822	116946	8.86%	0.658%
66	16.980	2527	2532	2541	rVB2	44020	96544	7.32%	0.543%

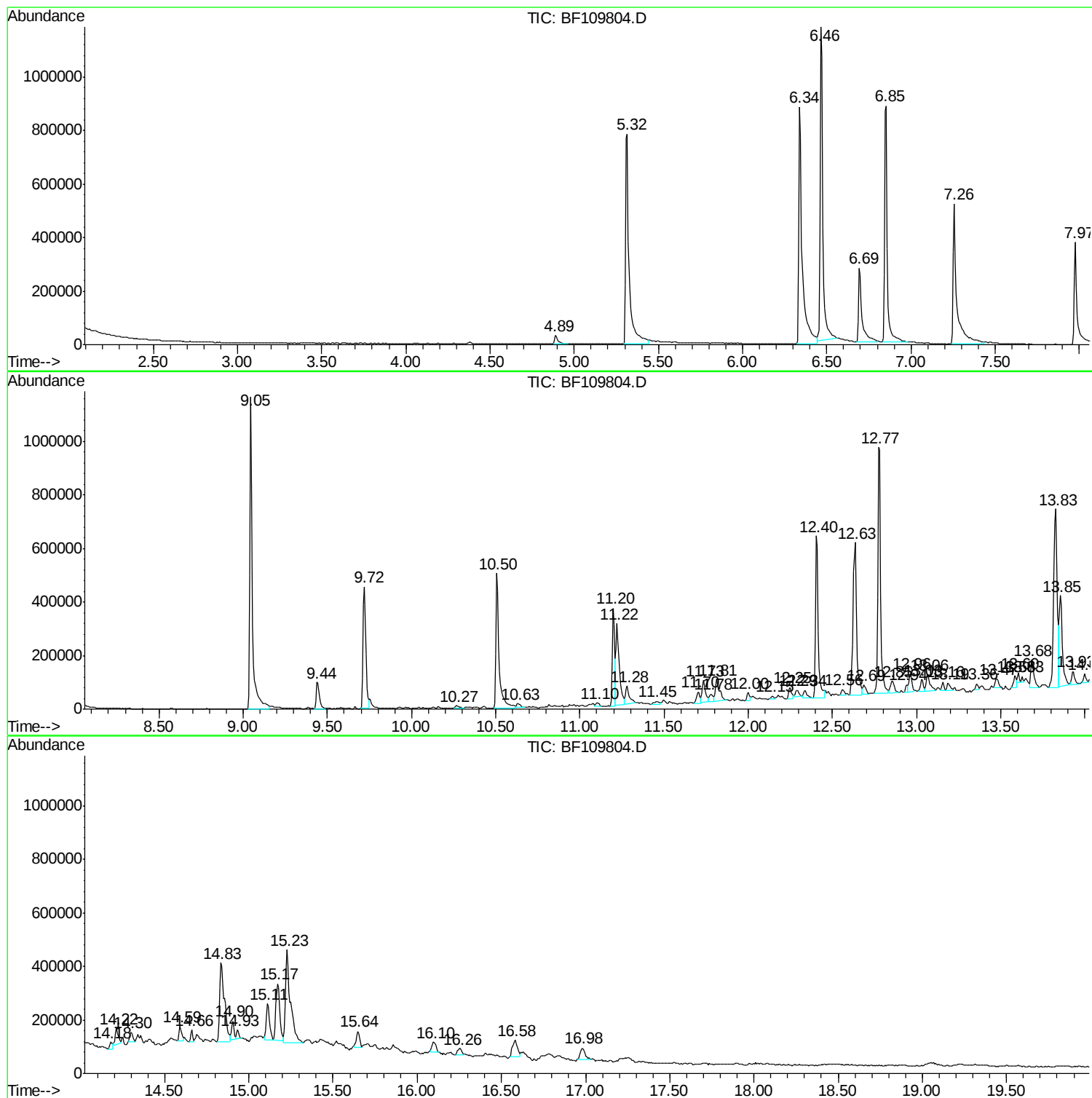
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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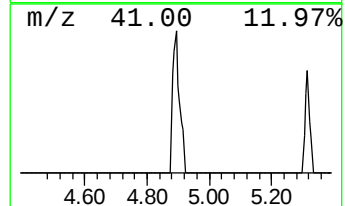
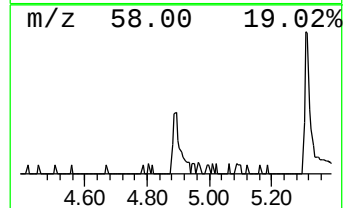
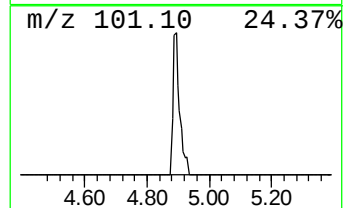
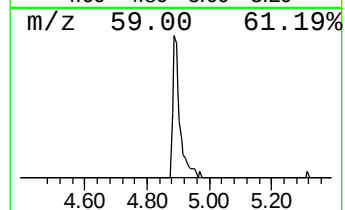
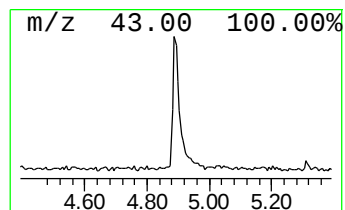
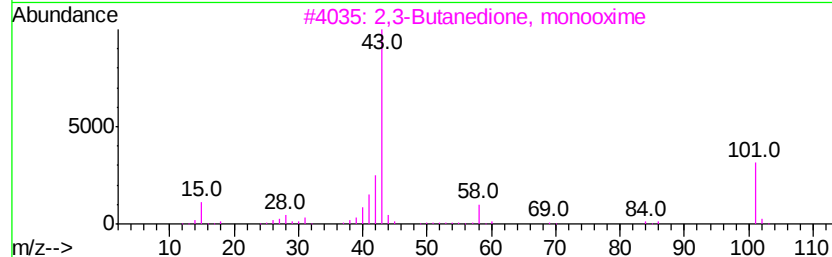
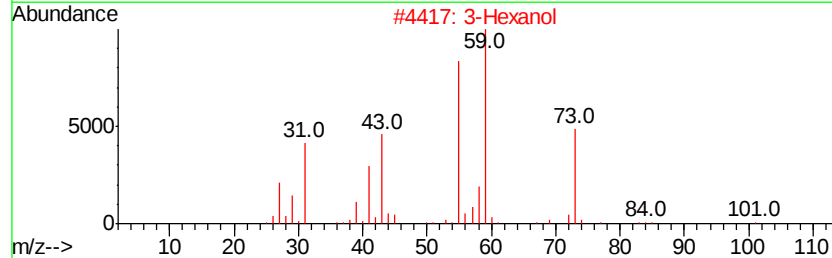
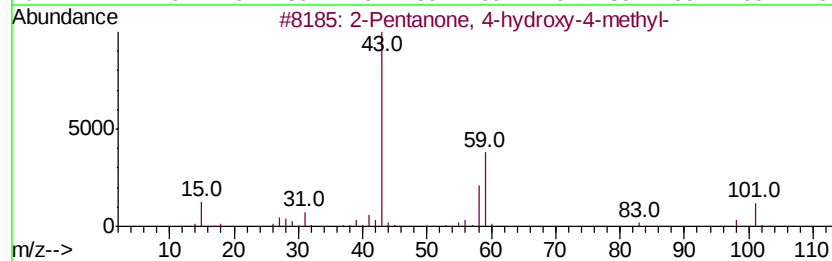
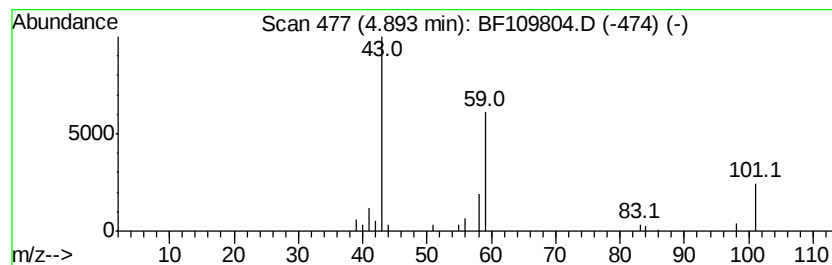
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.32 ng	46225	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Hexanol	102	C6H14O	000623-37-0	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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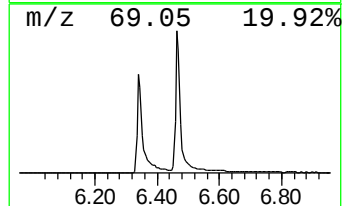
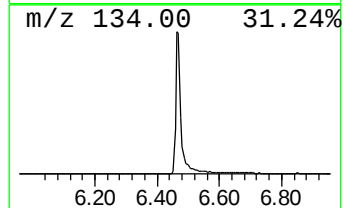
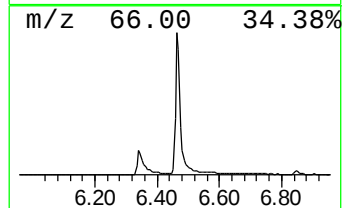
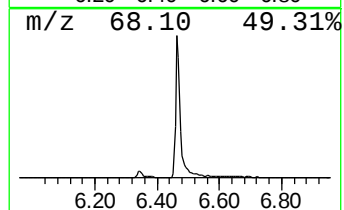
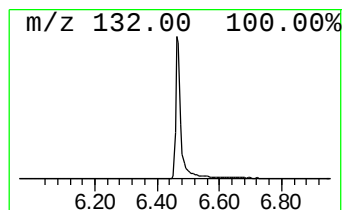
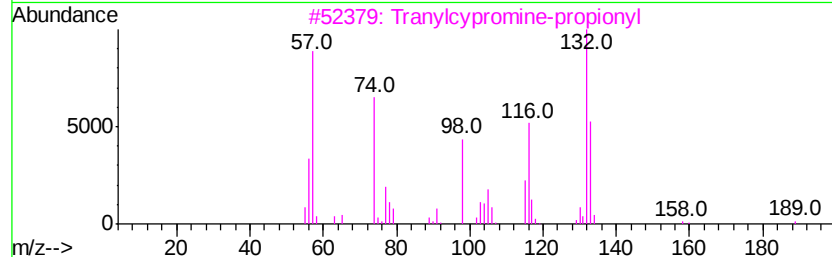
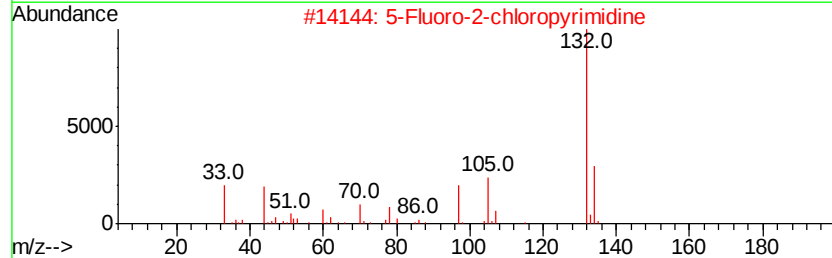
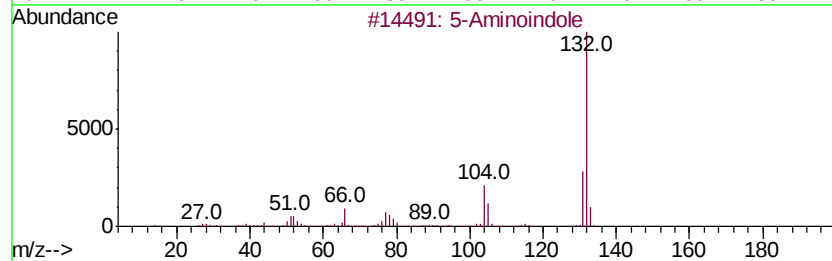
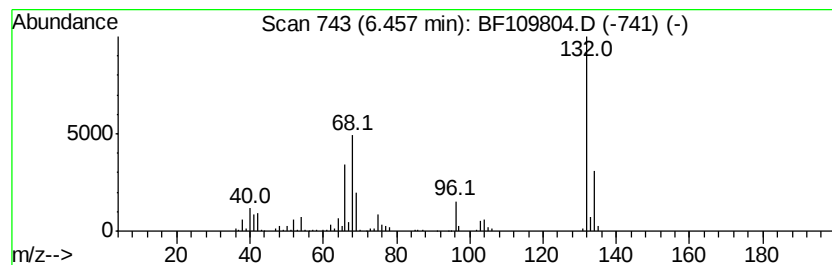
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	66.33 ng	1319730	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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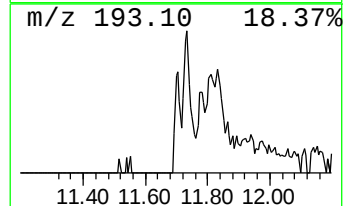
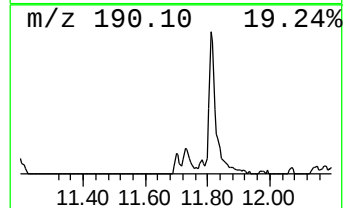
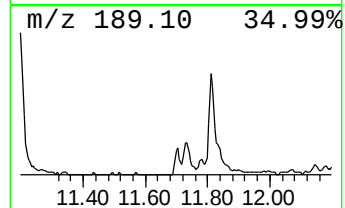
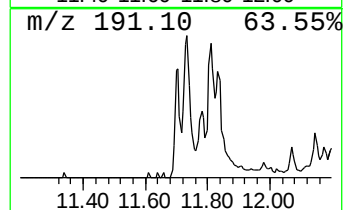
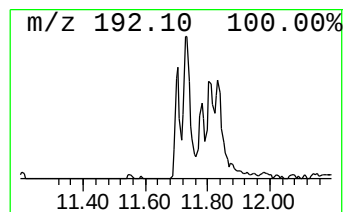
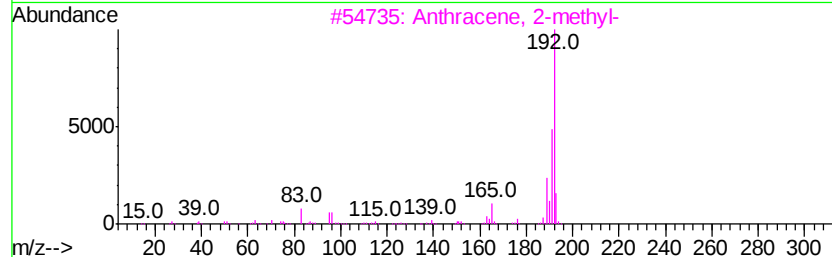
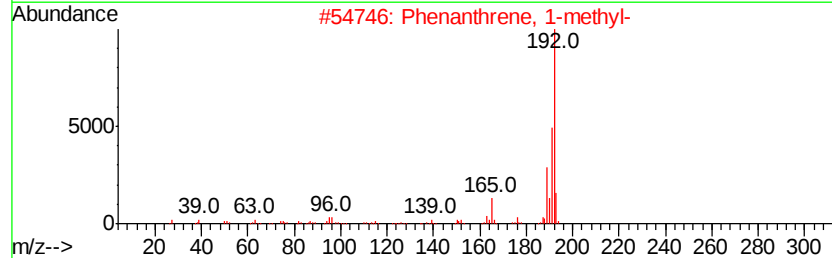
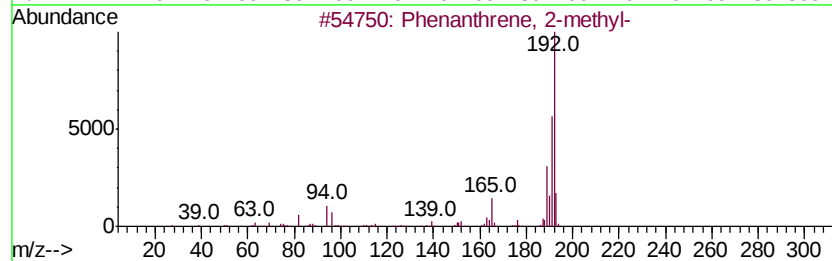
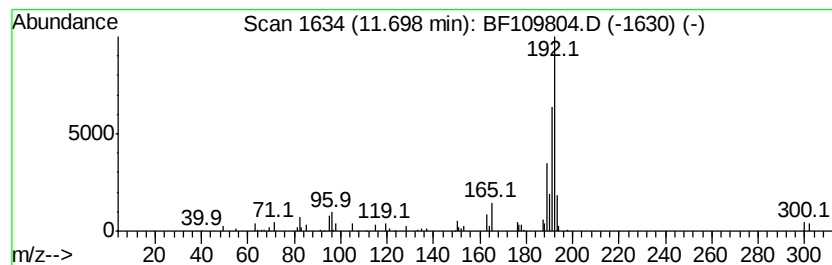
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.85 ng	52129	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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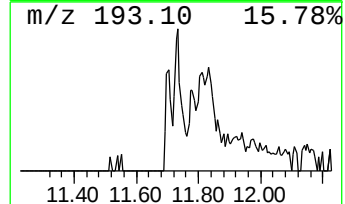
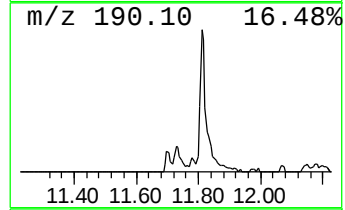
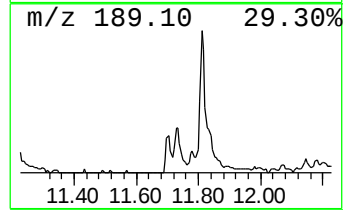
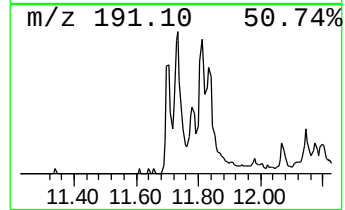
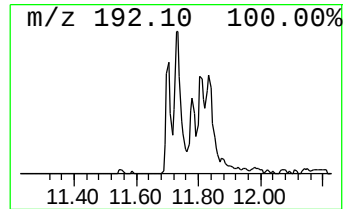
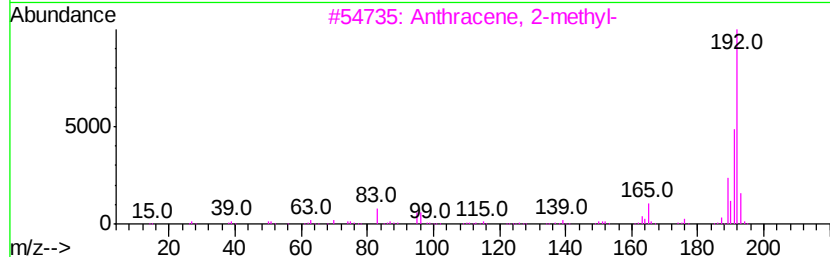
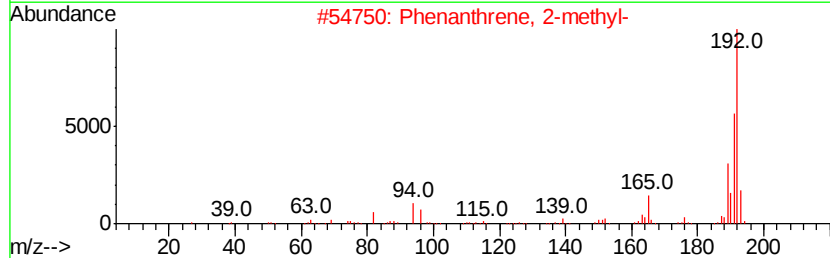
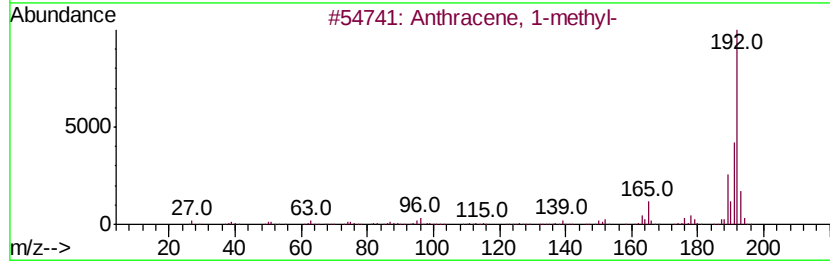
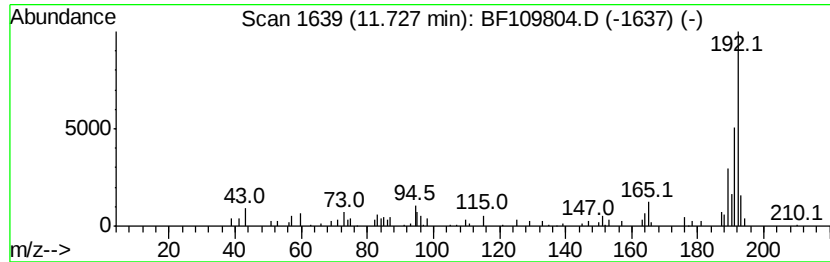
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Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	6.36 ng	116354	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	62
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	62



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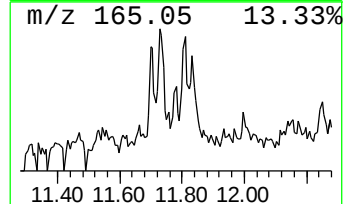
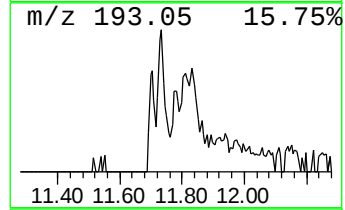
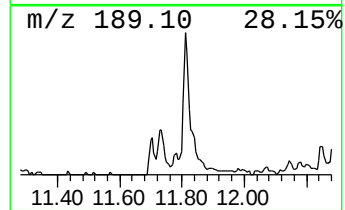
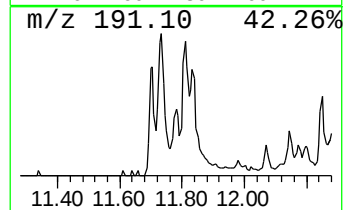
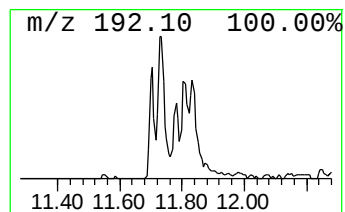
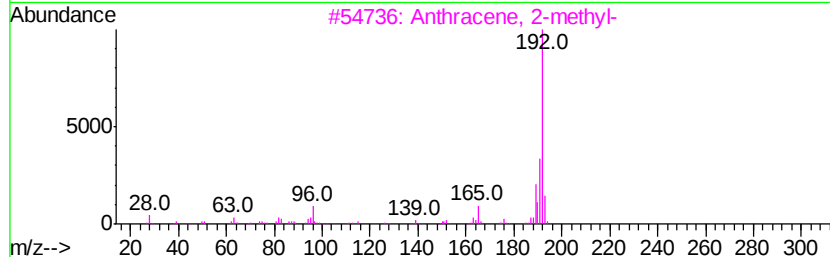
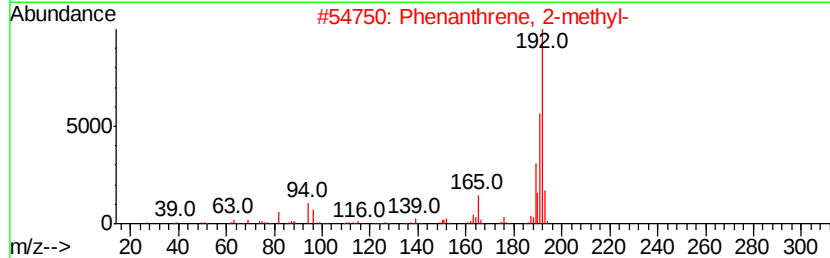
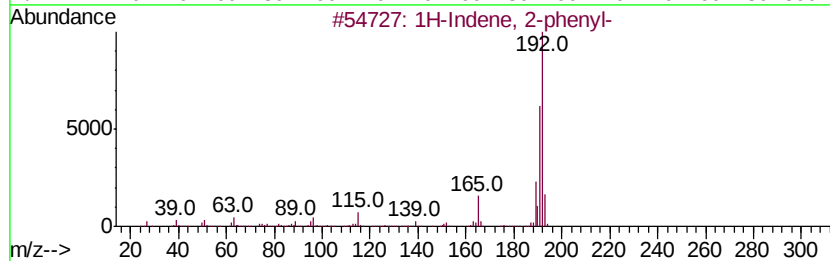
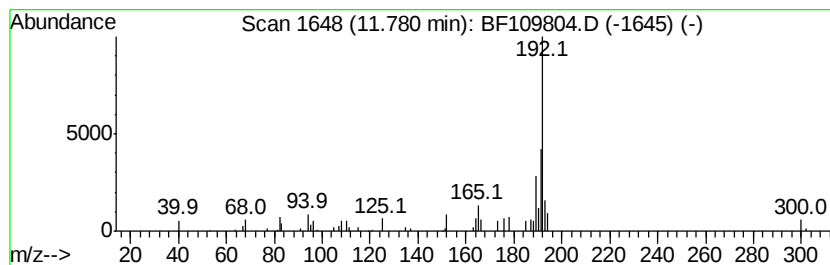
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.14 ng	39128	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	72
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109804.D
Acq On : 11 Oct 2018 23:23
Operator : JU/SJ
Sample : J5314-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

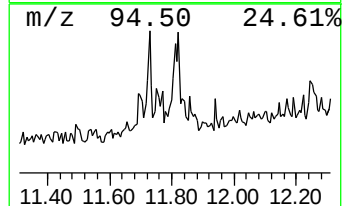
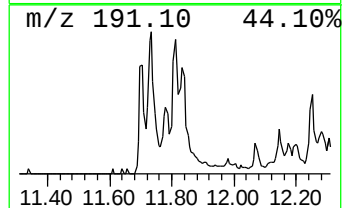
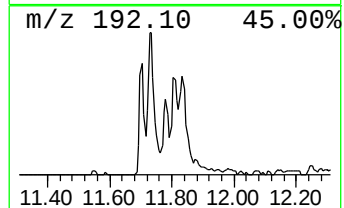
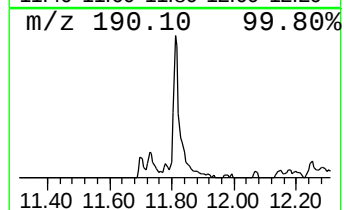
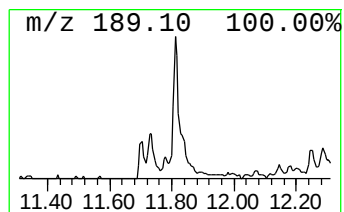
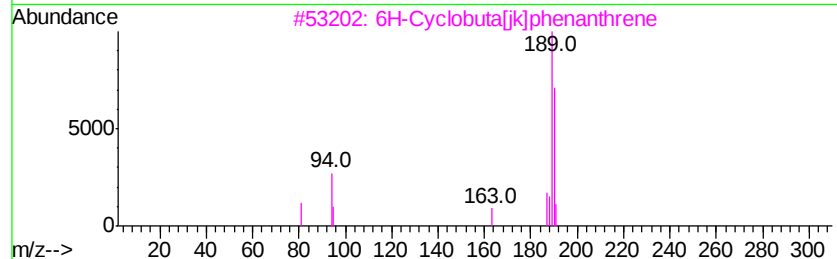
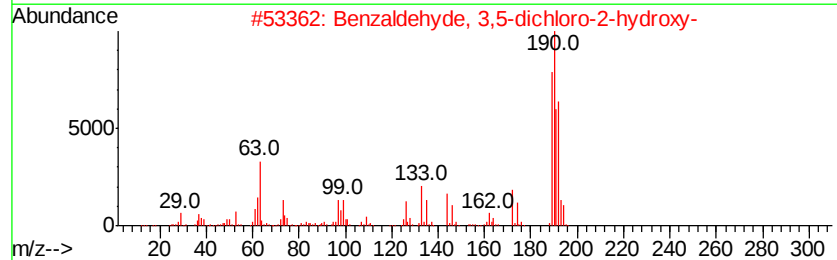
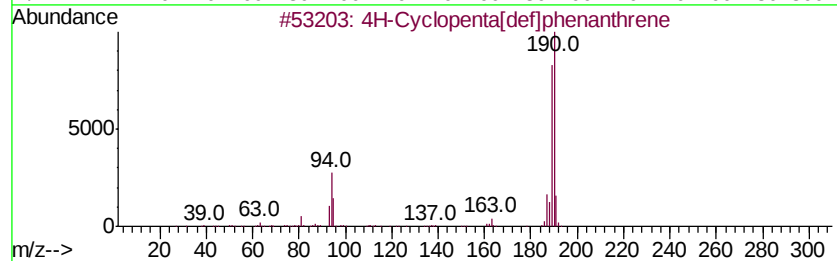
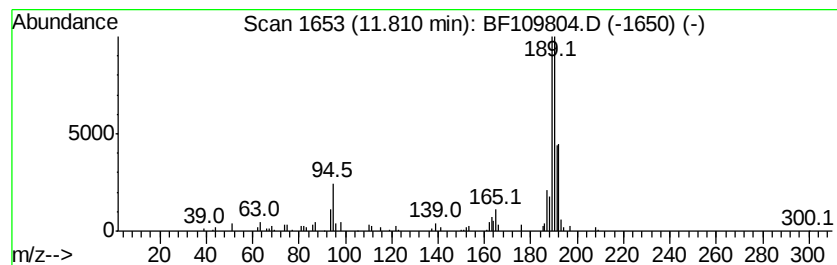
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	7.51 ng	137408	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	40
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	37
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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Acq On : 11 Oct 2018 23:23
Operator : JU/SJ
Sample : J5314-03
Misc :
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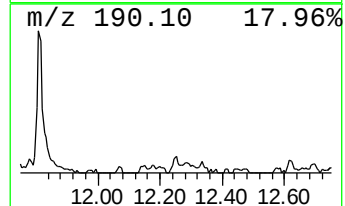
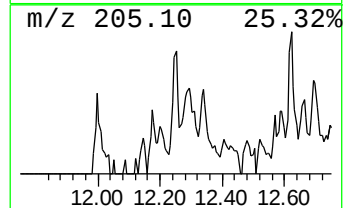
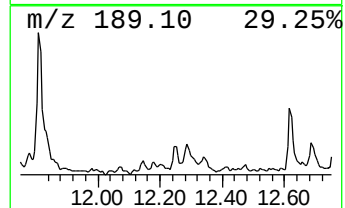
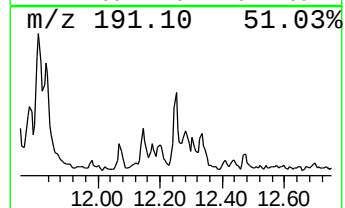
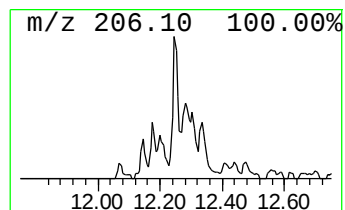
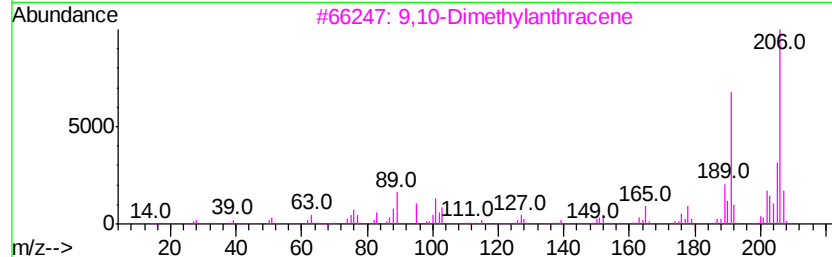
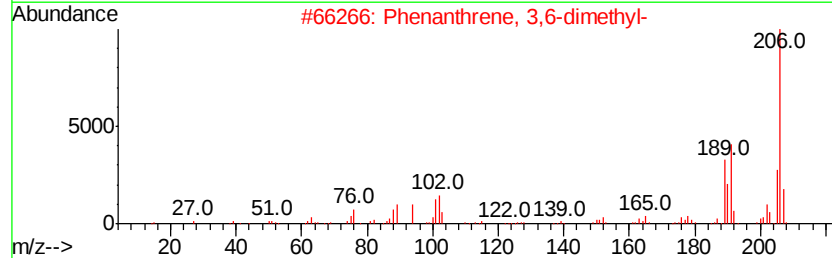
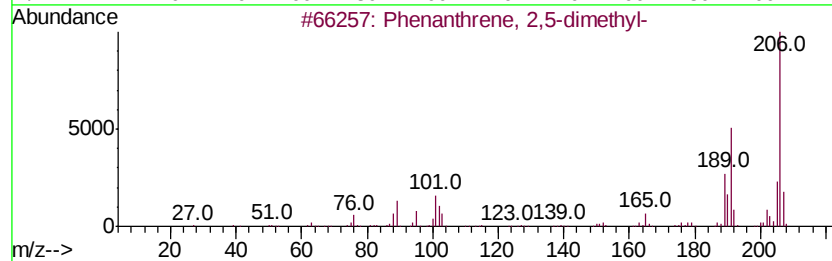
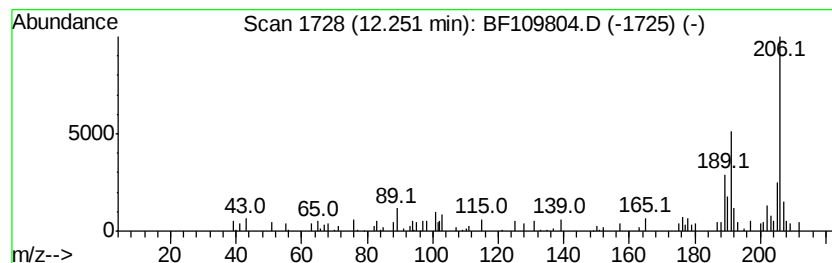
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.60 ng	47504	Phenanthrene-d10	11.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenanthrene, 2,5-dimethyl-	206 C16H14	003674-66-6 95
2		Phenanthrene, 3,6-dimethyl-	206 C16H14	001576-67-6 94
3		9,10-Dimethylanthracene	206 C16H14	000781-43-1 91
4		di-p-Tolylacetylene	206 C16H14	002789-88-0 91
5		Phenanthrene, 2,7-dimethyl-	206 C16H14	001576-69-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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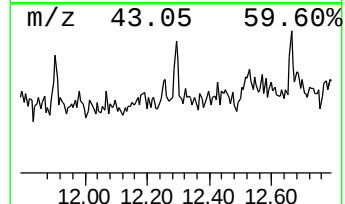
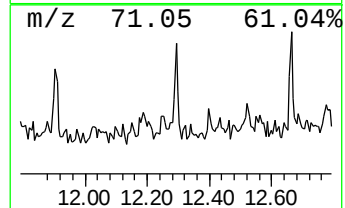
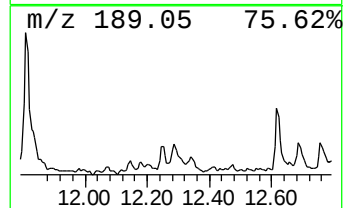
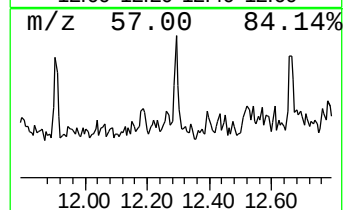
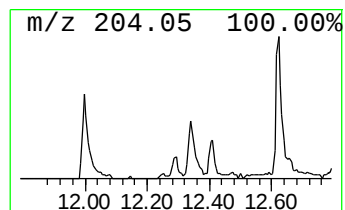
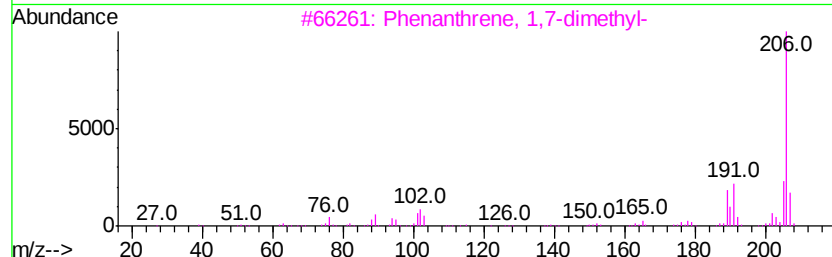
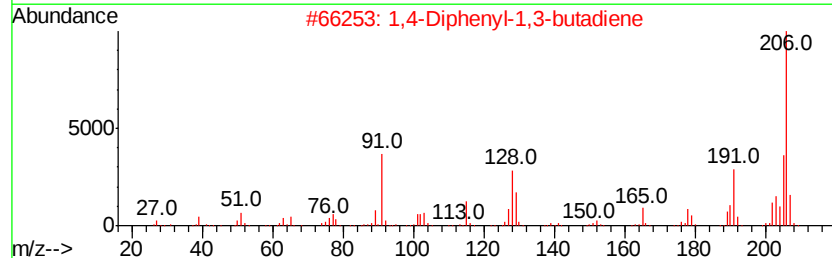
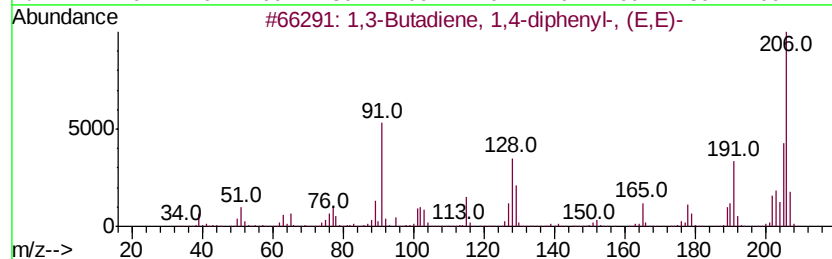
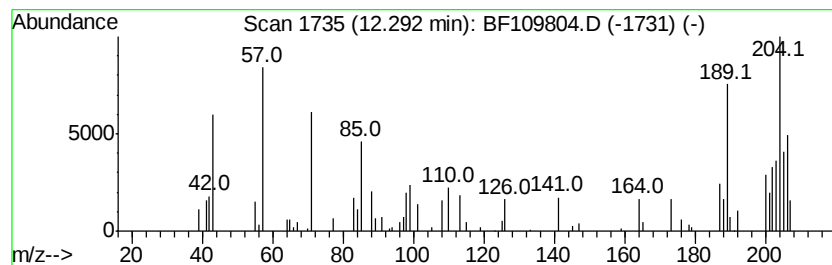
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.16 ng	39525	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25
2		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	25
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25
5		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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Misc :
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ClientSampleId :
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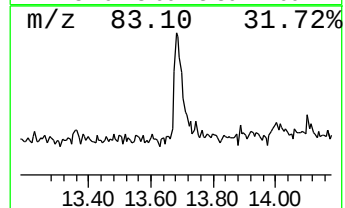
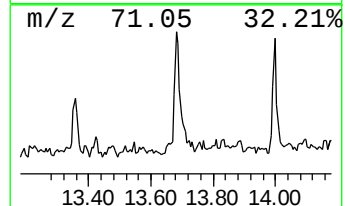
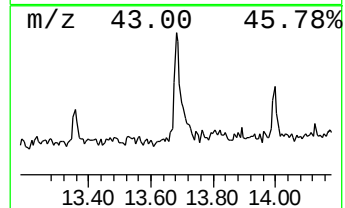
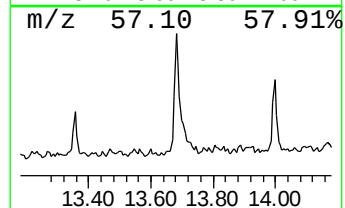
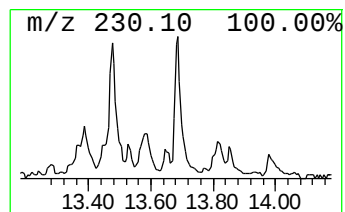
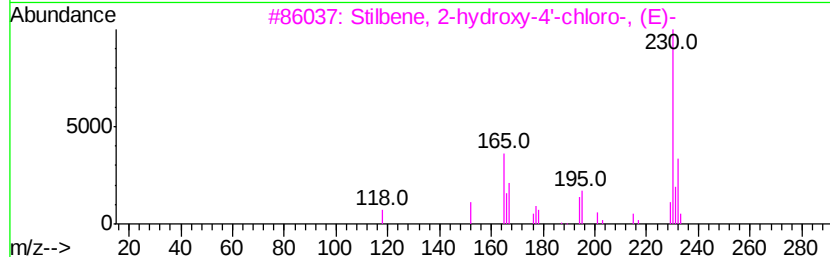
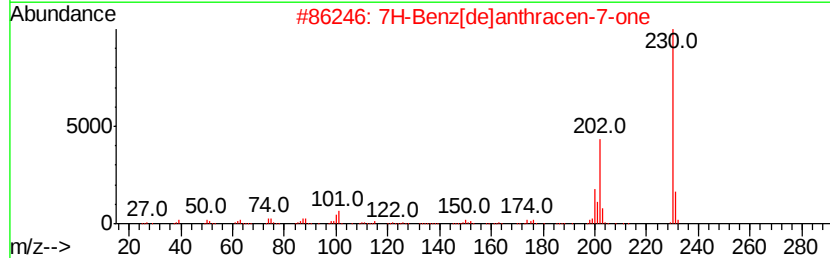
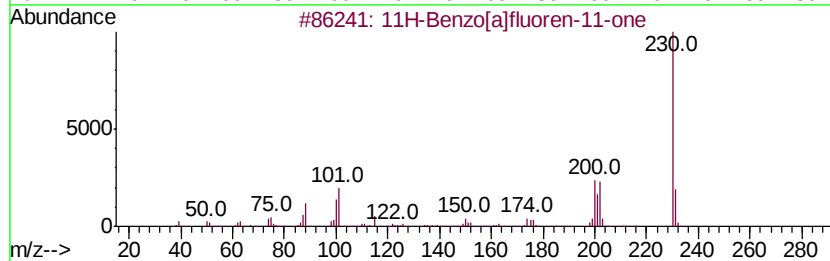
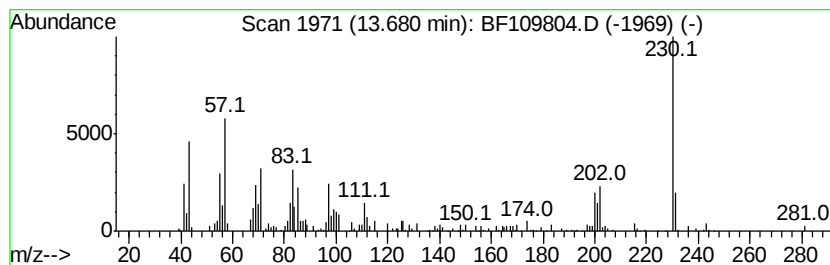
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.74 ng	144620	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52
3			Stilbene, 2-hydroxy-4'-chloro-, ...	230	C14H11ClO	1000138-48-2	50
4			p-Terphenyl	230	C18H14	000092-94-4	38
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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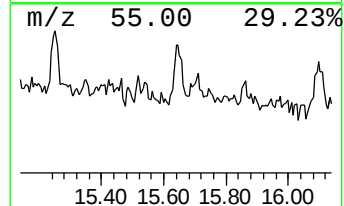
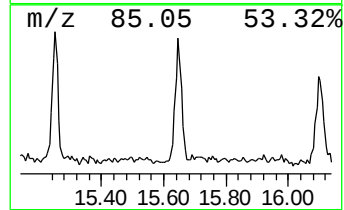
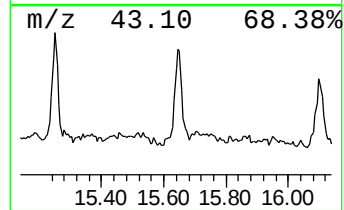
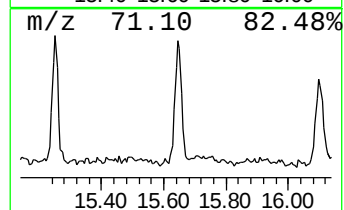
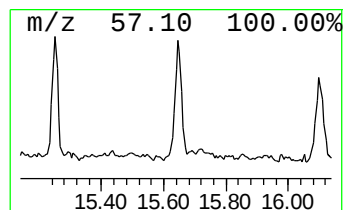
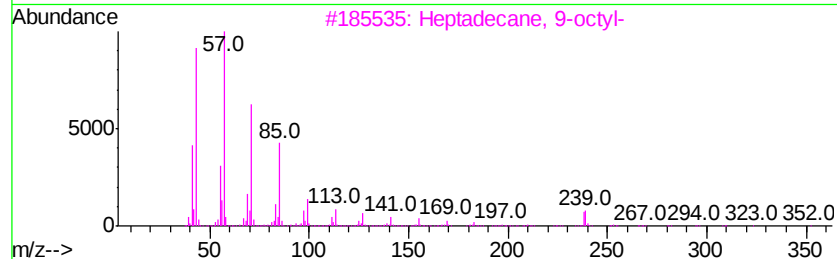
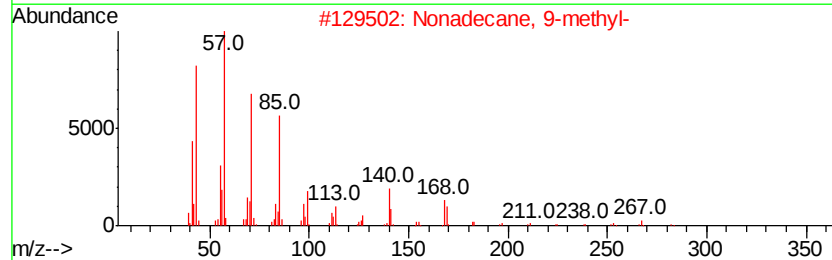
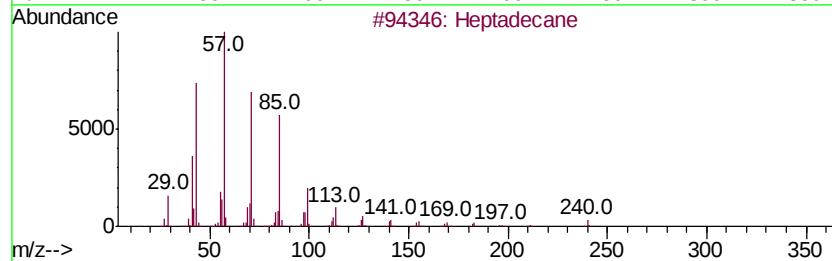
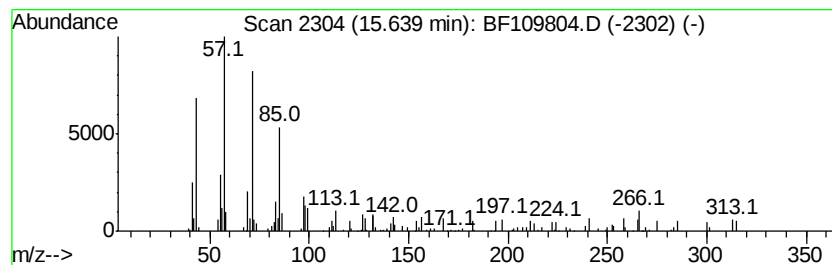
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.25 ng	79139	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	89
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	68
4	Hexacosane		366	C26H54	000630-01-3	68
5	Eicosane		282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109804.D
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 Sample : J5314-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	2.3	ng	46225	1	6.69	397954	20.0
unknown6.46	6.46	66.3	ng	1319730	1	6.69	397954	20.0
Phenanthrene, 2-m...	11.70	2.9	ng	52129	4	11.20	366030	20.0
Anthracene, 1-met...	11.73	6.4	ng	116354	4	11.20	366030	20.0
1H-Indene, 2-phenyl-	11.78	2.1	ng	39128	4	11.20	366030	20.0
4H-Cyclopenta[def...	11.81	7.5	ng	137408	4	11.20	366030	20.0
Phenanthrene, 2,5...	12.25	2.6	ng	47504	4	11.20	366030	20.0
unknown12.29	12.29	2.2	ng	39525	4	11.20	366030	20.0
11H-Benzo[a]fluor...	13.68	2.7	ng	144620	5	13.83	1055940	20.0
Heptadecane	15.64	2.3	ng	79139	6	15.23	703907	20.0