

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
 Data File : BF110428.D
 Acq On : 2 Nov 2018 22:47
 Operator : JU/SJ
 Sample : J5769-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAGARAW-RD-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.252	24	28	36	rVB	125343	167243	21.23%	1.316%
2	5.181	522	526	534	rBV	20817	28197	3.58%	0.222%
3	5.569	588	592	608	rBV	708365	706714	89.72%	5.559%
4	5.840	634	638	643	rBV2	12946	14139	1.80%	0.111%
5	6.475	743	746	749	rBV	25012	21876	2.78%	0.172%
6	6.510	749	752	756	rVV	10065	11541	1.47%	0.091%
7	6.575	759	763	771	rVV	763903	787663	100.00%	6.196%
8	6.634	771	773	782	rVV	20035	28123	3.57%	0.221%
9	6.722	784	788	794	rVV	937716	771330	97.93%	6.068%
10	6.775	794	797	802	rVB	41240	36175	4.59%	0.285%
11	6.951	824	827	834	rBV	567389	526844	66.89%	4.145%
12	7.110	850	854	862	rBV	682417	597658	75.88%	4.702%
13	7.192	866	868	871	rBV	28759	28019	3.56%	0.220%
14	7.263	878	880	883	rBV	18282	16890	2.14%	0.133%
15	7.481	914	917	919	rBV	33504	26077	3.31%	0.205%
16	7.516	919	923	932	rVV	437114	432795	54.95%	3.405%
17	7.745	959	962	963	rBV	15170	12678	1.61%	0.100%
18	7.763	963	965	972	rVB	86691	82960	10.53%	0.653%
19	8.239	1042	1046	1057	rBV	635017	665130	84.44%	5.232%
20	9.310	1224	1228	1238	rBV	815773	742982	94.33%	5.845%
21	9.704	1292	1295	1302	rVB	76050	74870	9.51%	0.589%
22	9.857	1318	1321	1326	rBV	15739	14581	1.85%	0.115%
23	9.998	1341	1345	1349	rBV	590590	593400	75.34%	4.668%
24	10.028	1349	1350	1357	rVB	23038	17390	2.21%	0.137%
25	10.186	1373	1377	1379	rBV	11849	12071	1.53%	0.095%
26	10.545	1435	1438	1444	rBV	11740	13381	1.70%	0.105%
27	10.786	1475	1479	1489	rBV	349221	346651	44.01%	2.727%
28	11.298	1563	1566	1569	rBV	10767	11488	1.46%	0.090%
29	11.386	1578	1581	1583	rVB	9838	9065	1.15%	0.071%
30	11.486	1594	1598	1600	rBV	595237	516391	65.56%	4.062%
31	11.510	1600	1602	1608	rVV	284367	245507	31.17%	1.931%
32	11.563	1608	1611	1620	rVB	48991	55149	7.00%	0.434%
33	11.722	1634	1638	1642	rBV2	21630	25146	3.19%	0.198%
34	11.986	1680	1683	1686	rBV	74616	78771	10.00%	0.620%

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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-BF102318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.016	1686	1688	1693	rVV2	51347	59385	7.54%	0.467%
36	12.069	1693	1697	1699	rVV	13067	14335	1.82%	0.113%
37	12.104	1699	1703	1705	rVV2	50950	59248	7.52%	0.466%
38	12.127	1705	1707	1710	rVB	26365	22395	2.84%	0.176%
39	12.280	1729	1733	1736	rVB	25048	22827	2.90%	0.180%
40	12.316	1736	1739	1744	rBV	37567	35124	4.46%	0.276%
41	12.427	1754	1758	1762	rBV5	12133	16755	2.13%	0.132%
42	12.539	1773	1777	1780	rBV2	27109	34909	4.43%	0.275%
43	12.574	1780	1783	1785	rVV3	17337	19248	2.44%	0.151%
44	12.627	1789	1792	1797	rBV2	30012	35769	4.54%	0.281%
45	12.704	1801	1805	1809	rBV	566499	487472	61.89%	3.835%
46	12.774	1813	1817	1819	rBV4	16313	20971	2.66%	0.165%
47	12.857	1825	1831	1834	rBV3	19334	34497	4.38%	0.271%
48	12.933	1837	1844	1850	rVV	458515	518711	65.85%	4.081%
49	12.980	1850	1852	1857	rVB2	22488	25206	3.20%	0.198%
50	13.068	1862	1867	1870	rVV	628002	617724	78.42%	4.859%
51	13.092	1870	1871	1875	rVV	22762	21669	2.75%	0.170%
52	13.145	1877	1880	1885	rVB2	29581	49979	6.35%	0.393%
53	13.263	1892	1900	1905	rBV3	51532	114746	14.57%	0.903%
54	13.327	1908	1911	1913	rBV2	29606	21389	2.72%	0.168%
55	13.363	1913	1917	1920	rBV2	41860	62419	7.92%	0.491%
56	13.492	1937	1939	1941	rBV	15497	13306	1.69%	0.105%
57	13.515	1941	1943	1944	rVV	36099	28266	3.59%	0.222%
58	13.563	1948	1951	1955	rVB	85282	87730	11.14%	0.690%
59	13.745	1979	1982	1984	rBV4	16594	19468	2.47%	0.153%
60	13.774	1984	1987	1991	rVB	49804	53892	6.84%	0.424%
61	13.880	2002	2005	2007	rBV2	39897	43098	5.47%	0.339%
62	13.910	2007	2010	2012	rVV	35850	40173	5.10%	0.316%
63	13.945	2012	2016	2020	rVV4	69912	102636	13.03%	0.807%
64	13.980	2020	2022	2026	rVB	47111	46923	5.96%	0.369%
65	14.086	2037	2040	2042	rBV	91294	79783	10.13%	0.628%
66	14.133	2043	2048	2051	rVV2	613799	768894	97.62%	6.049%
67	14.157	2051	2052	2059	rVB	221507	176632	22.42%	1.390%
68	14.239	2064	2066	2068	rBV	37923	29769	3.78%	0.234%
69	14.521	2111	2114	2117	rVB	33816	34199	4.34%	0.269%
70	14.568	2117	2122	2124	rBV3	38359	57982	7.36%	0.456%
71	15.204	2226	2230	2233	rBV2	148463	229695	29.16%	1.807%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.233	2233	2235	2240	rVB2	112358	120187	15.26%	0.945%
73	15.315	2247	2249	2253	rBV	26272	28519	3.62%	0.224%
74	15.521	2281	2284	2290	rVB	80361	109560	13.91%	0.862%
75	15.592	2292	2296	2300	rBV	118961	152050	19.30%	1.196%
76	15.657	2303	2307	2311	rVB	215143	282268	35.84%	2.221%
77	16.086	2377	2380	2386	rVB3	48697	81359	10.33%	0.640%
78	17.221	2568	2573	2579	rVB2	53513	111813	14.20%	0.880%

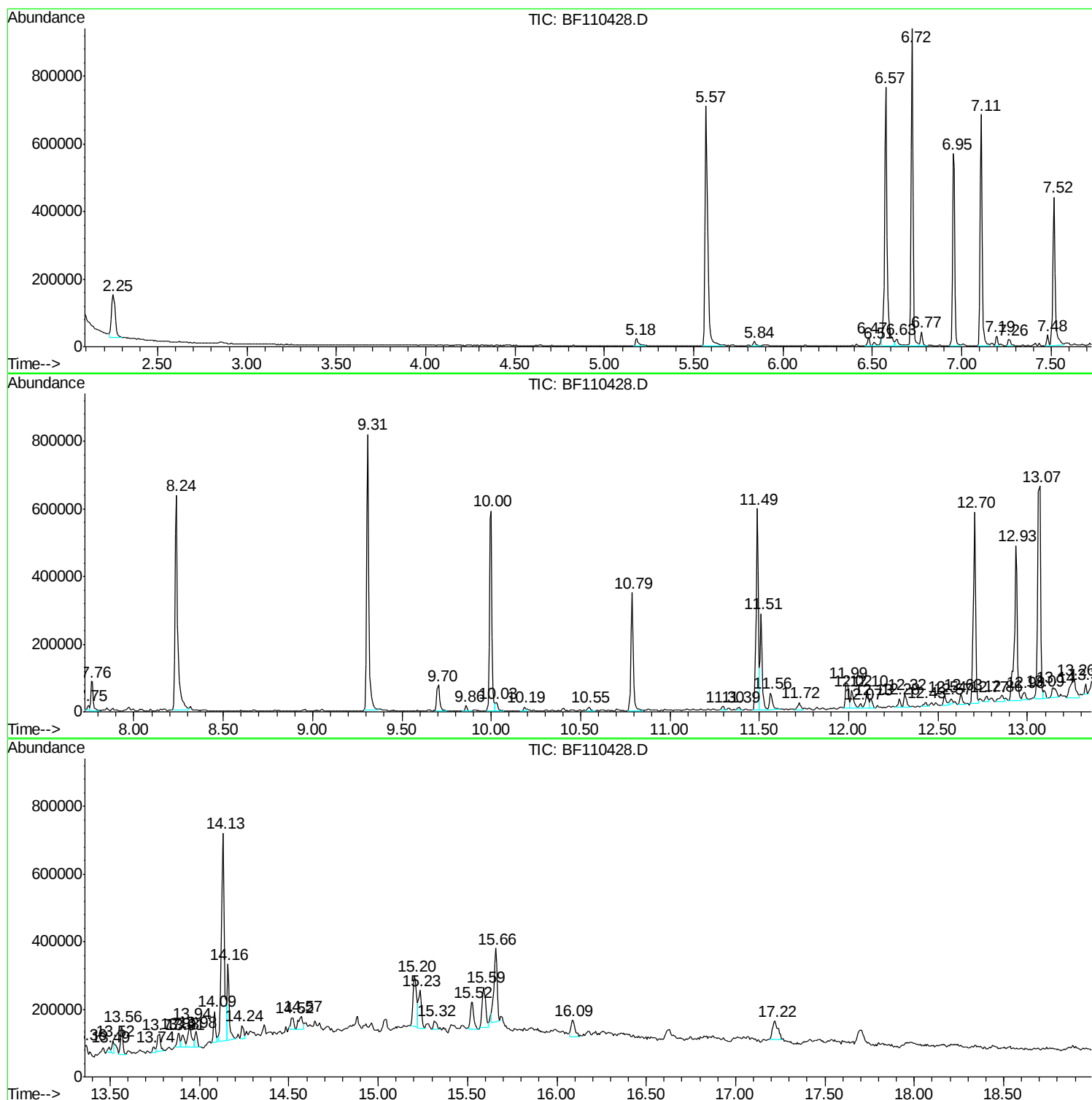
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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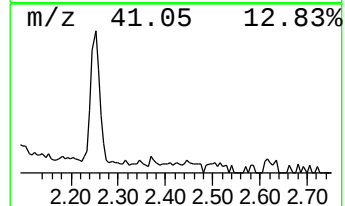
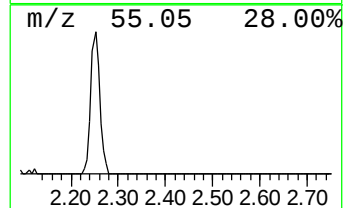
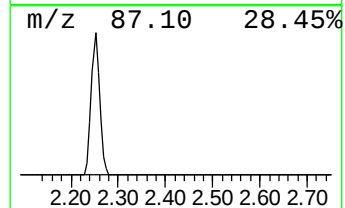
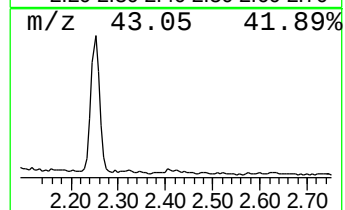
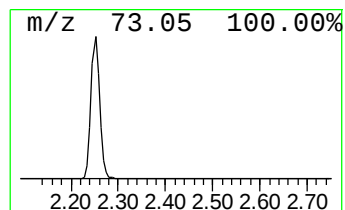
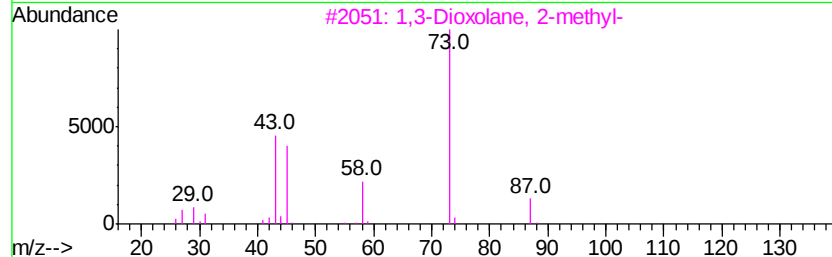
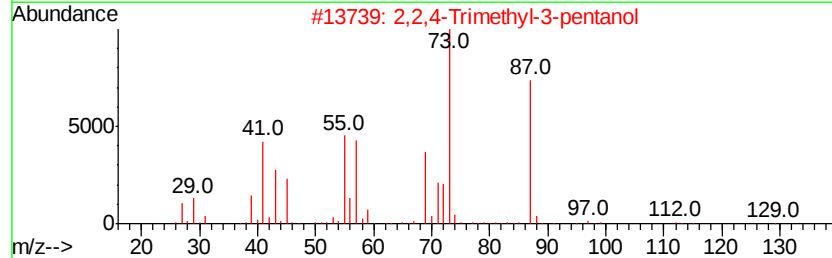
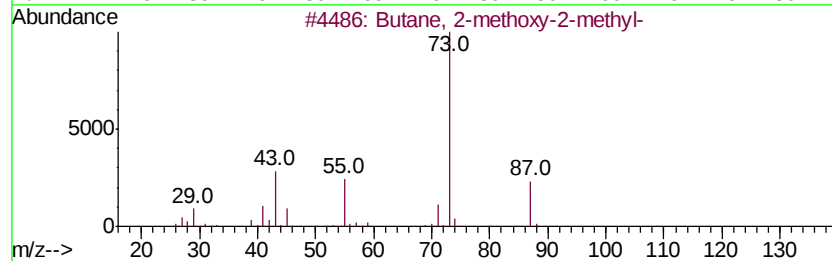
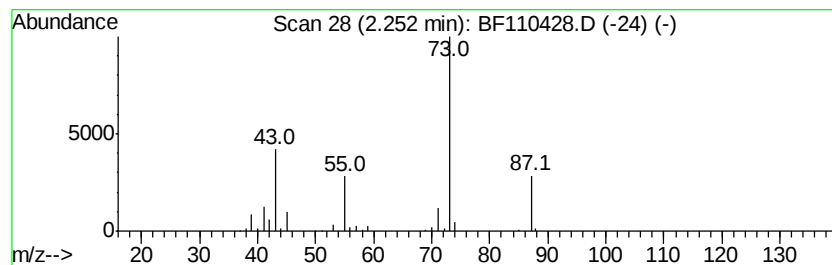
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	6.35 ng	167243	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	22



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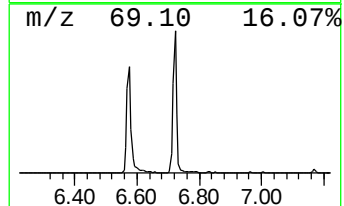
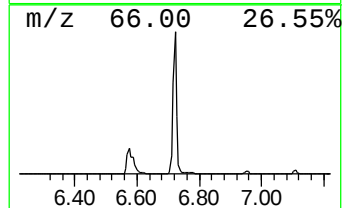
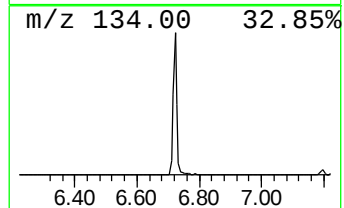
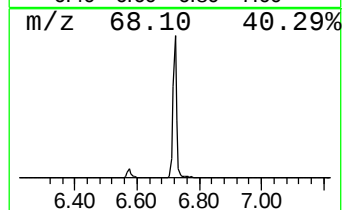
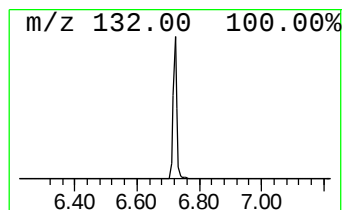
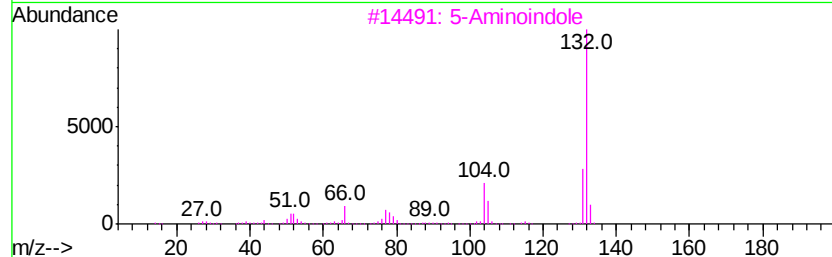
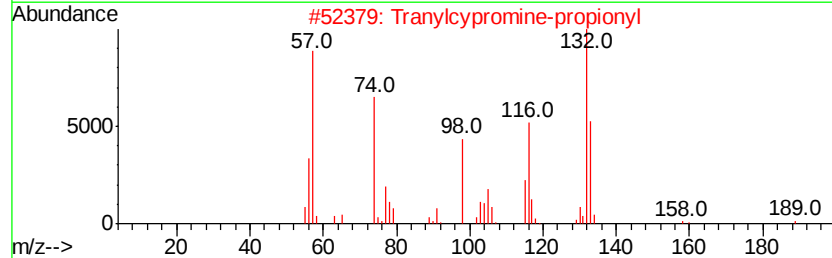
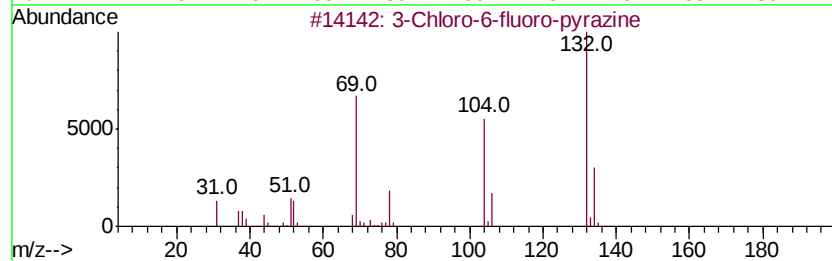
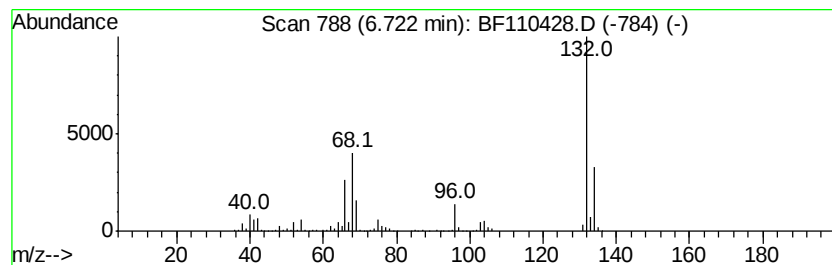
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	29.28 ng	771330	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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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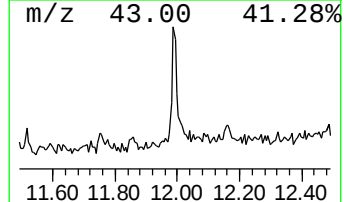
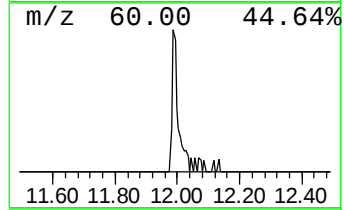
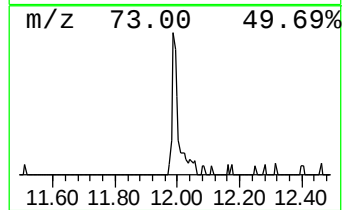
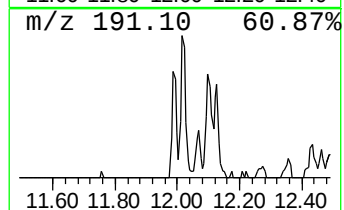
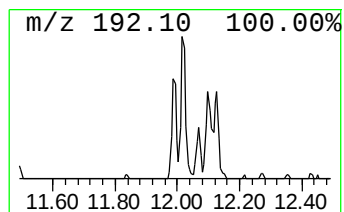
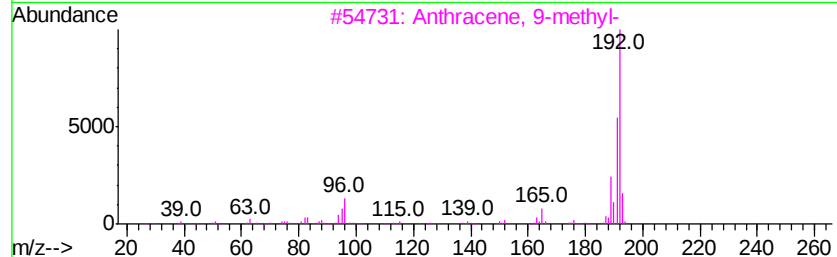
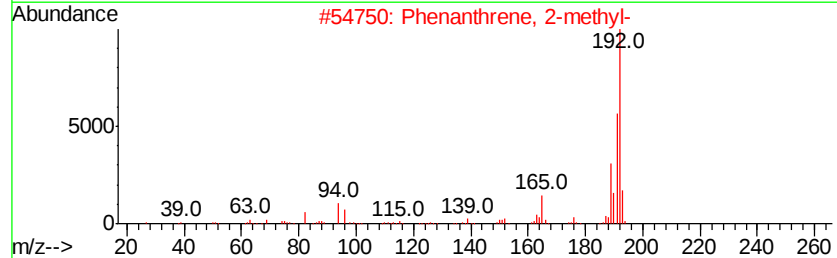
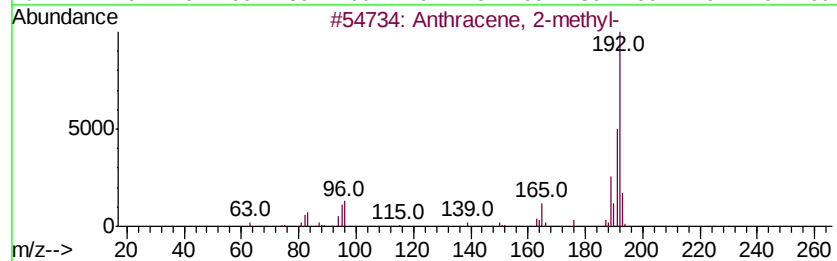
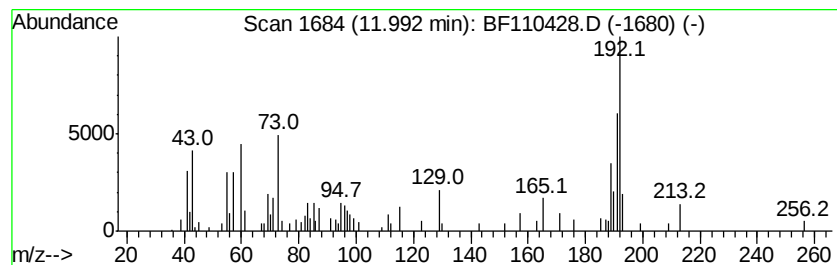
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.05 ng	78771	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	60



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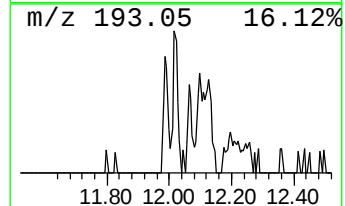
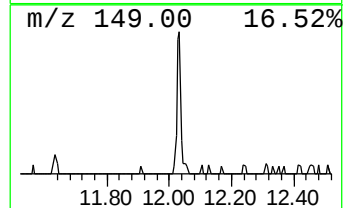
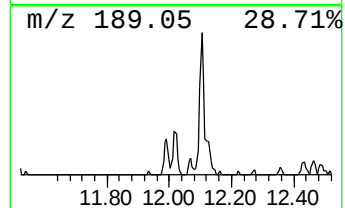
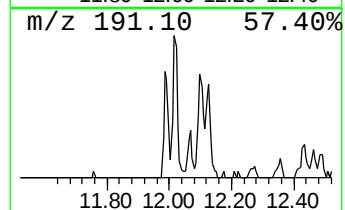
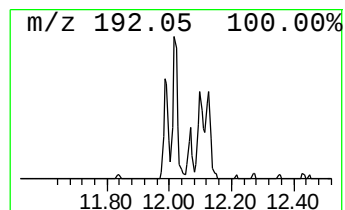
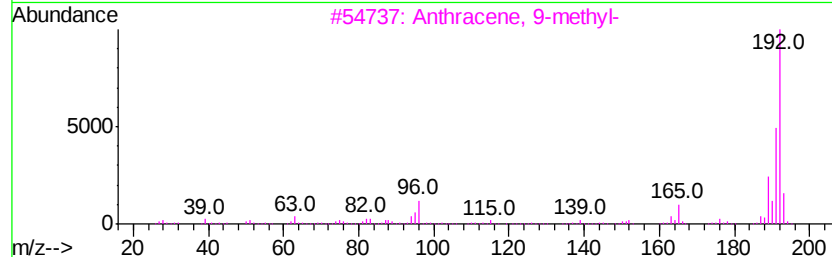
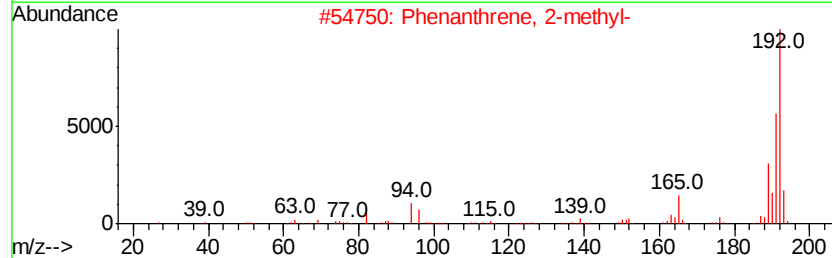
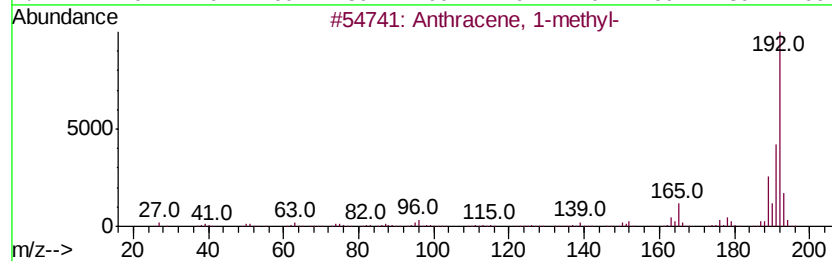
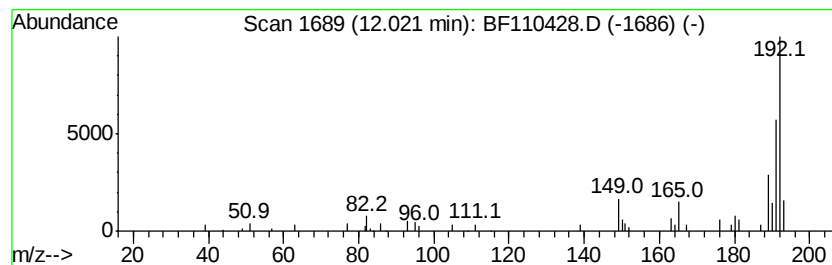
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.30 ng	59385	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110428.D
Acq On : 2 Nov 2018 22:47
Operator : JU/SJ
Sample : J5769-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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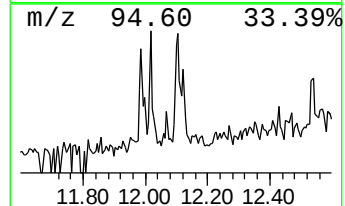
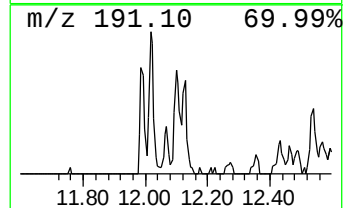
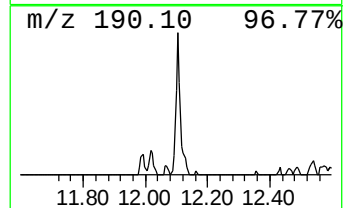
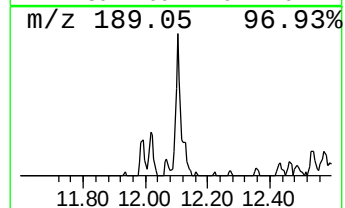
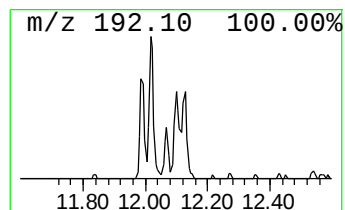
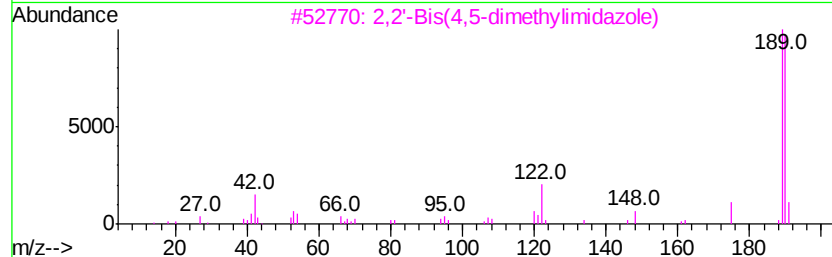
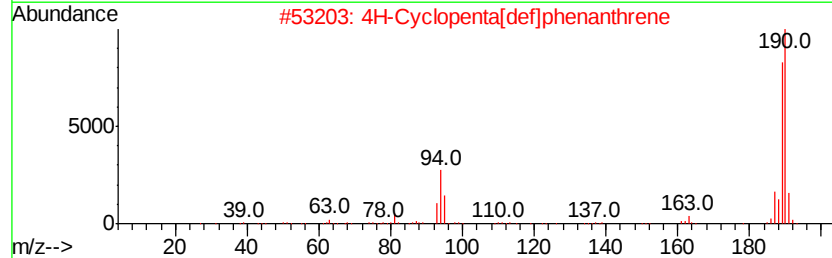
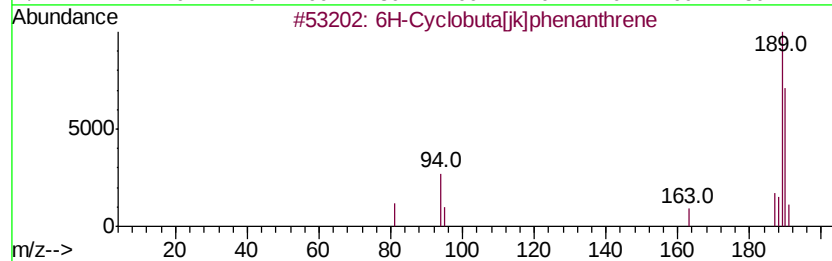
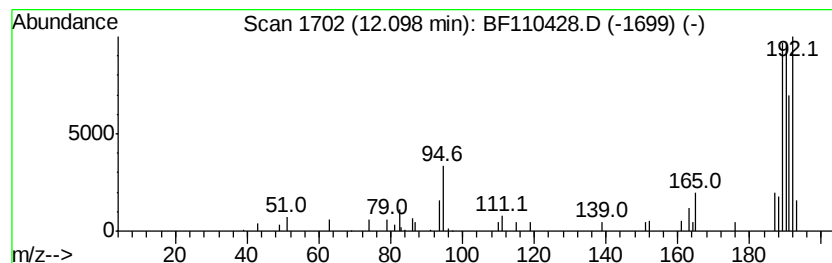
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6H-Cyclobuta[jk]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.29 ng	59248	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	59
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4		Methyl diselenide	190	C2H6Se2	007101-31-7	35
5		5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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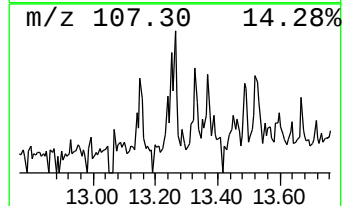
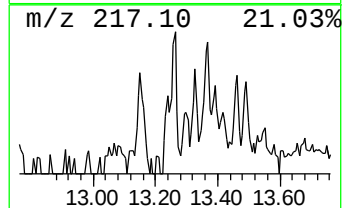
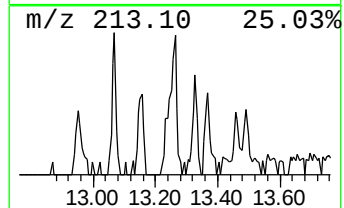
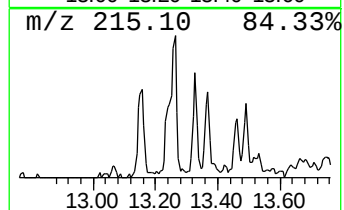
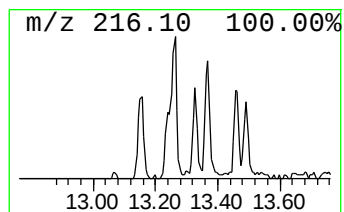
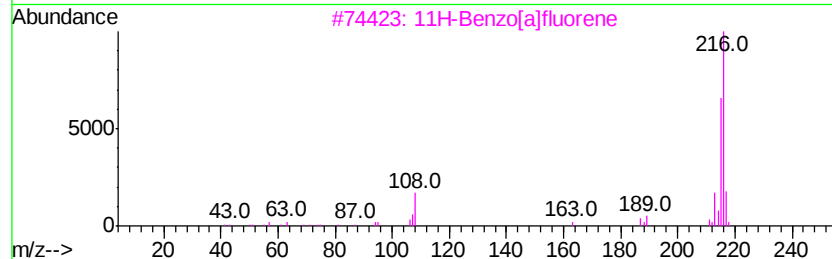
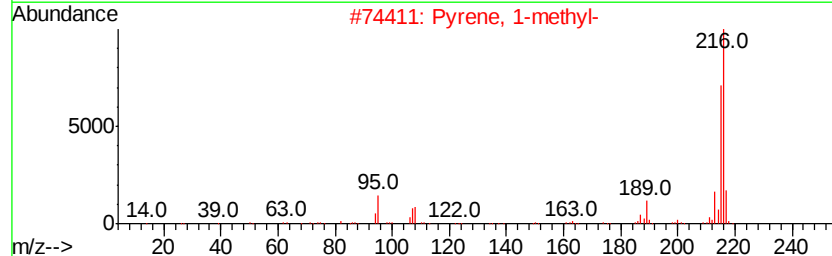
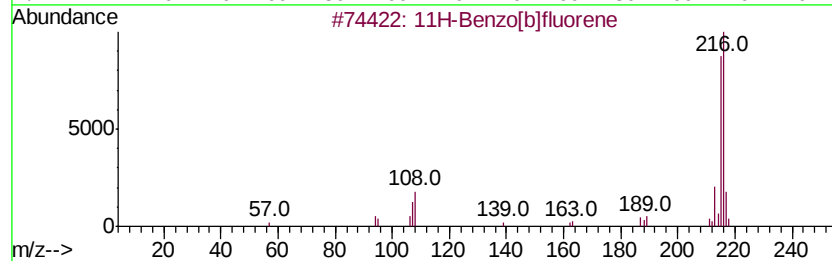
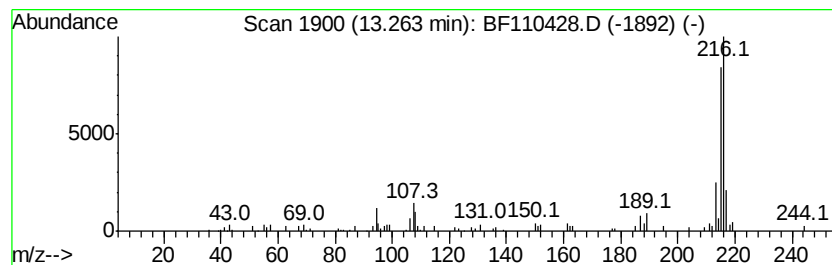
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.98 ng	114746	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



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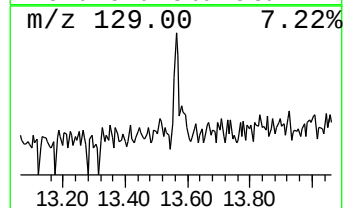
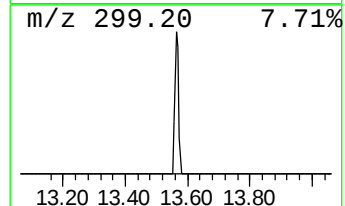
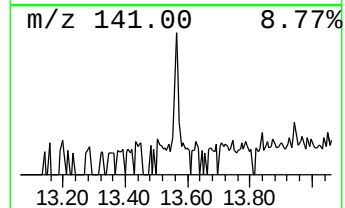
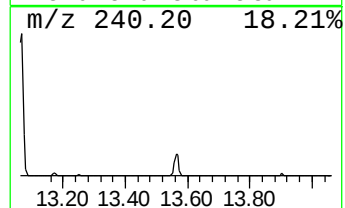
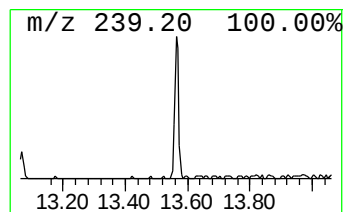
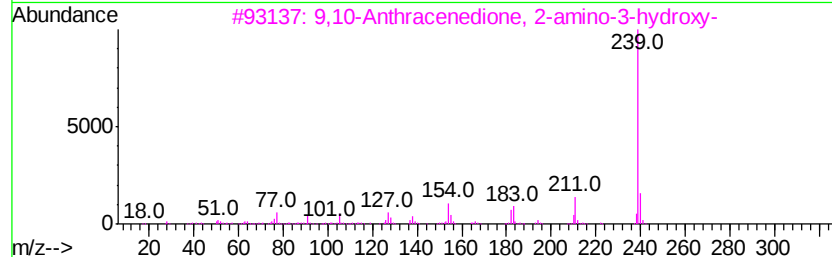
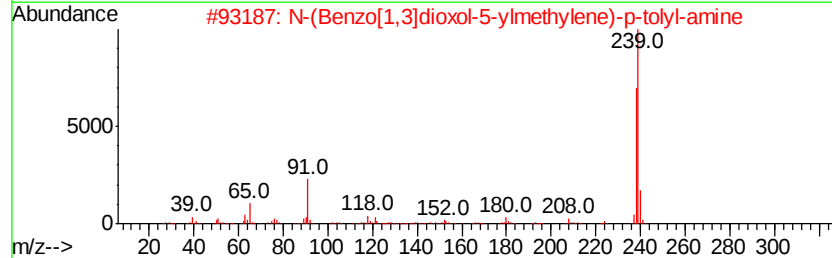
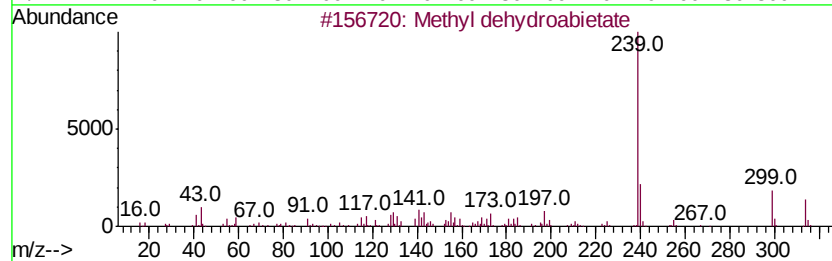
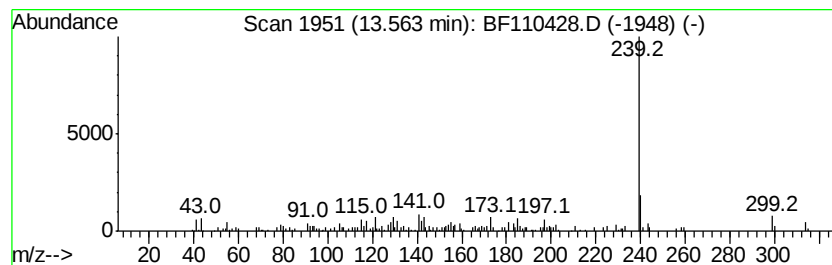
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Methyl dehydroabietate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.28 ng	87730	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	97
2		N-(Benzo[1,3]dioxol-5-ylmethyl)en...	239	C15H13NO2	007402-58-6	64
3		9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
4		6-Methyl-11,12-dioxatricyclo[7.2...	410	C20H26O7S	1000196-05-6	59
5		Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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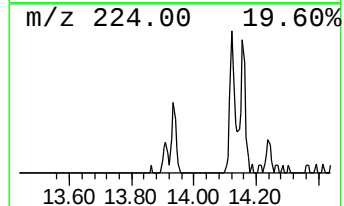
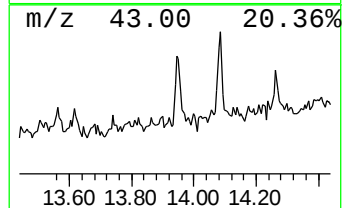
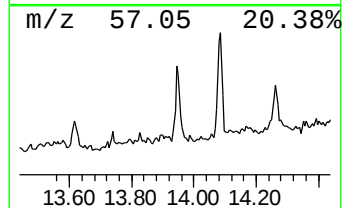
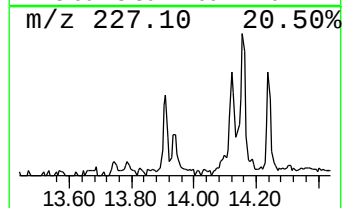
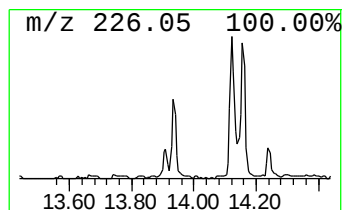
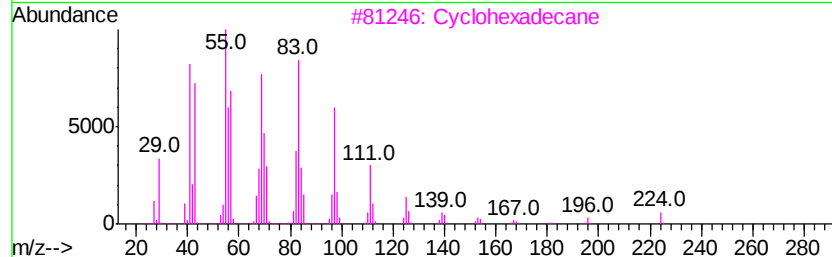
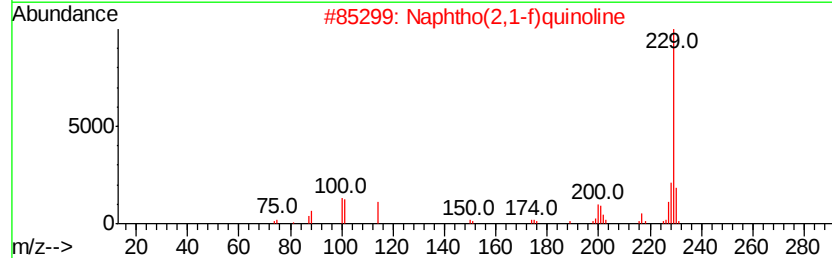
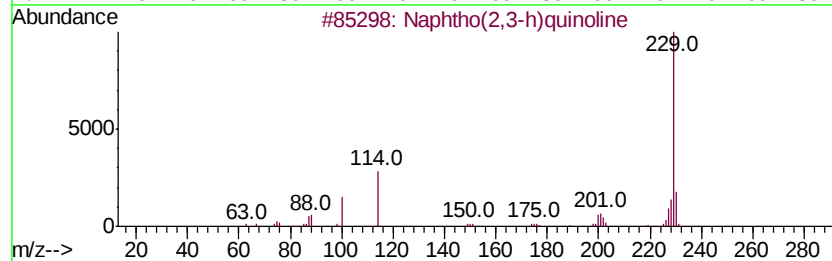
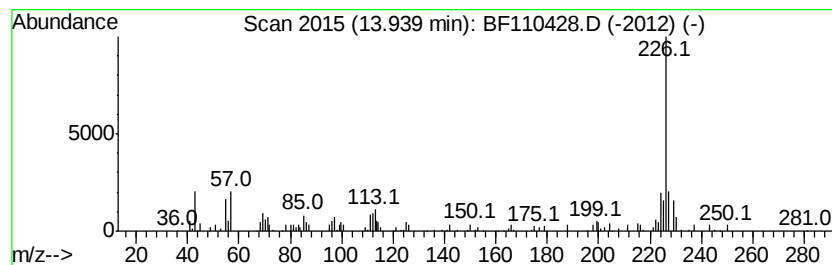
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.67 ng	102636	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	46
2		Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	42
3		Cyclohexadecane	224	C16H32	000295-65-8	35
4		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	30
5		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	30



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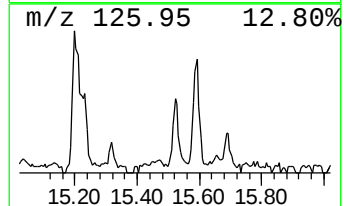
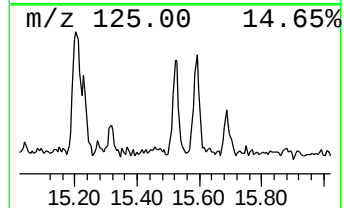
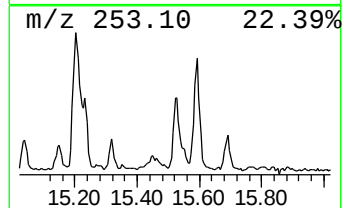
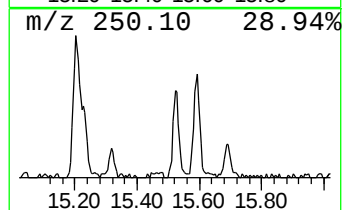
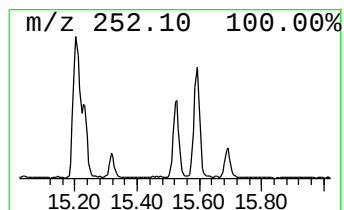
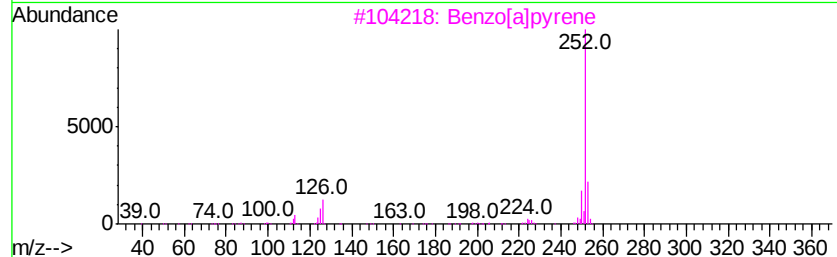
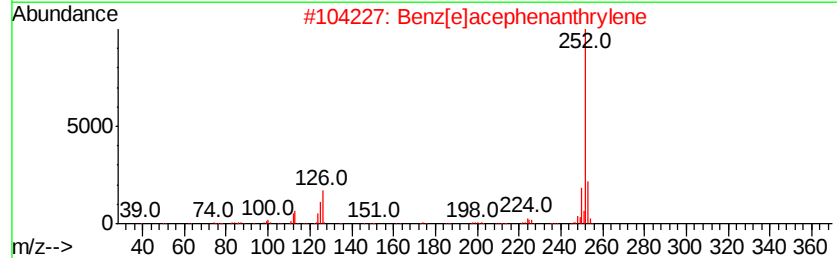
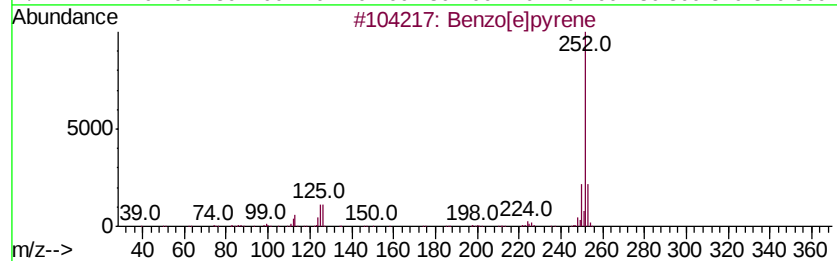
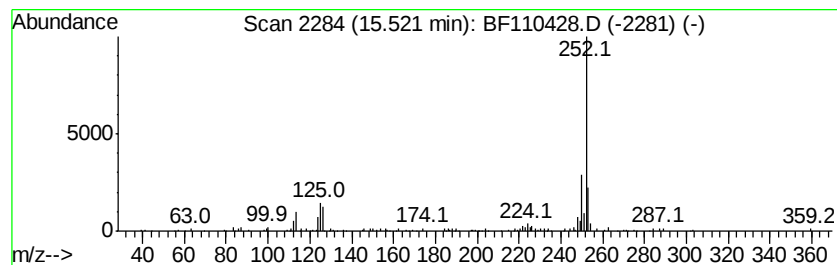
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	7.76 ng	109560	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	90



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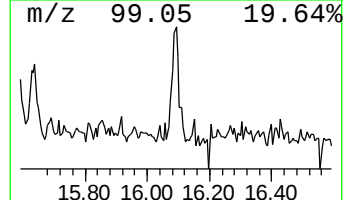
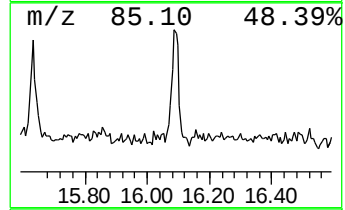
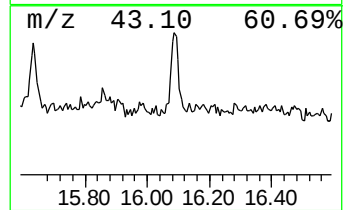
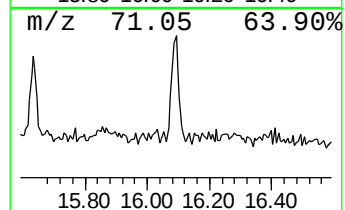
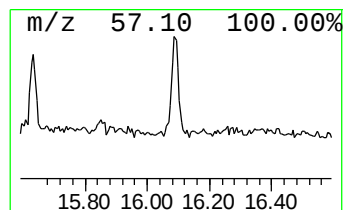
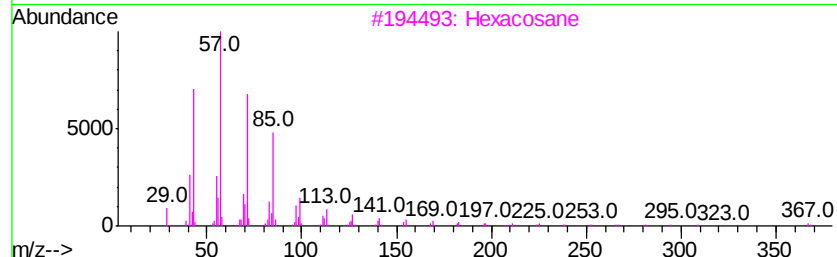
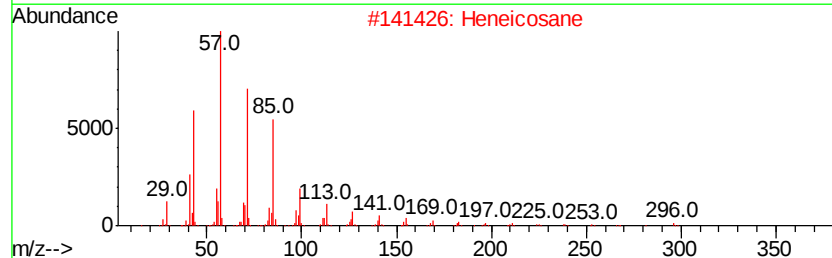
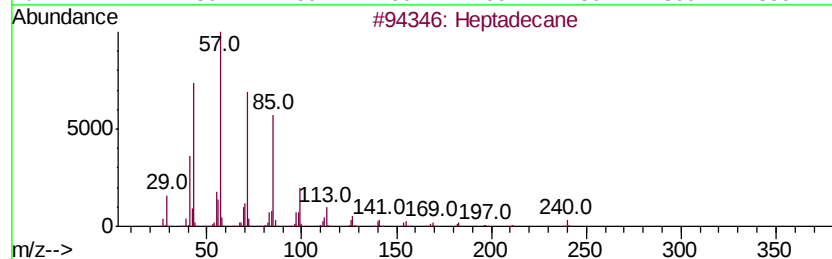
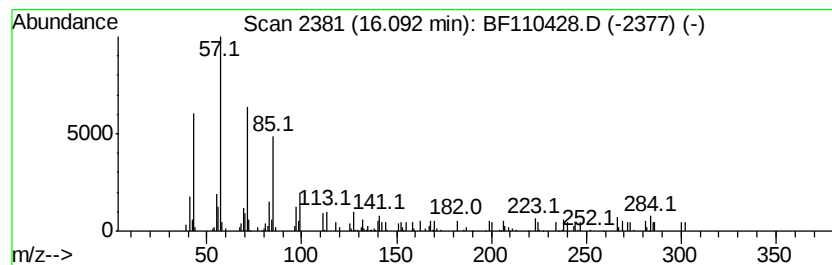
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.76 ng	81359	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	64
3		Hexacosane	366	C26H54	000630-01-3	64
4		Pentacosane	352	C25H52	000629-99-2	58
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	58



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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.25	6.3	ng	167243	1	6.95	526844	20.0
unknown6.72	6.72	29.3	ng	771330	1	6.95	526844	20.0
Anthracene, 2-met...	11.99	3.0	ng	78771	4	11.49	516391	20.0
Anthracene, 1-met...	12.02	2.3	ng	59385	4	11.49	516391	20.0
6H-Cyclobuta[jk]p...	12.10	2.3	ng	59248	4	11.49	516391	20.0
11H-Benzo[b]fluorene	13.26	3.0	ng	114746	5	14.13	768894	20.0
Methyl dehydroabi...	13.56	2.3	ng	87730	5	14.13	768894	20.0
unknown13.94	13.94	2.7	ng	102636	5	14.13	768894	20.0
Benzo[e]pyrene	15.52	7.8	ng	109560	6	15.66	282268	20.0
Heptadecane	16.09	5.8	ng	81359	6	15.66	282268	20.0