

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110432.D
 Acq On : 3 Nov 2018 00:37
 Operator : JU/SJ
 Sample : J5769-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-2

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	2.281	28	33	45	rVB	265279	362025	20.20%	1.436%
2	5.192	525	528	540	rVB	52380	72495	4.04%	0.288%
3	5.581	590	594	597	rBV	1806179	1597550	89.13%	6.336%
4	6.581	759	764	778	rBV	1575309	1792445	100.00%	7.109%
5	6.728	784	789	792	rBV	1978399	1720979	96.01%	6.825%
6	6.957	824	828	832	rBV	526184	462857	25.82%	1.836%
7	7.110	850	854	858	rBV	1534408	1331004	74.26%	5.279%
8	7.516	919	923	934	rBV	983351	1013576	56.55%	4.020%
9	7.910	987	990	1006	rBV	193297	196796	10.98%	0.780%
10	8.239	1042	1046	1062	rBV	556087	552966	30.85%	2.193%
11	9.310	1224	1228	1238	rBV	1968929	1707702	95.27%	6.773%
12	9.704	1291	1295	1302	rVB	212329	187318	10.45%	0.743%
13	9.857	1318	1321	1325	rBV	25321	24063	1.34%	0.095%
14	9.998	1341	1345	1349	rBV	549946	506697	28.27%	2.010%
15	10.786	1475	1479	1493	rBV	883313	835912	46.64%	3.315%
16	11.486	1595	1598	1601	rBV	479542	496858	27.72%	1.971%
17	11.510	1601	1602	1607	rVV	314073	257180	14.35%	1.020%
18	11.563	1608	1611	1616	rVV	56957	57527	3.21%	0.228%
19	11.721	1635	1638	1642	rVB	38814	35546	1.98%	0.141%
20	11.992	1680	1684	1686	rBV	116438	103261	5.76%	0.410%
21	12.021	1686	1689	1693	rVB	66437	67028	3.74%	0.266%
22	12.104	1699	1703	1705	rBV2	86161	89321	4.98%	0.354%
23	12.121	1705	1706	1710	rVB	35562	30508	1.70%	0.121%
24	12.286	1731	1734	1736	rVV	37648	32937	1.84%	0.131%
25	12.315	1736	1739	1743	rVB	73655	63440	3.54%	0.252%
26	12.539	1773	1777	1780	rBV	47190	58013	3.24%	0.230%
27	12.568	1780	1782	1786	rVV4	28607	46762	2.61%	0.185%
28	12.633	1789	1793	1796	rVB2	61945	65881	3.68%	0.261%
29	12.710	1801	1806	1809	rBV	1077499	1011688	56.44%	4.012%
30	12.768	1814	1816	1819	rVV	23937	20703	1.16%	0.082%
31	12.857	1824	1831	1833	rBV3	38826	67042	3.74%	0.266%
32	12.939	1837	1845	1850	rBV	995230	1098202	61.27%	4.355%
33	12.980	1850	1852	1857	rVB2	54219	57547	3.21%	0.228%
34	13.068	1857	1867	1870	rBV	1591904	1448910	80.83%	5.746%

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 Smoothing : ON
 Sampling : 1
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 Min Area: 3 % of largest Peak
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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	13.098	1870	1872	1877	rVB	62494	61102	3.41%	0.242%
36	13.157	1877	1882	1885	rBV3	64354	115205	6.43%	0.457%
37	13.239	1892	1896	1897	rBV2	61542	71493	3.99%	0.284%
38	13.262	1897	1900	1905	rVV	157438	163609	9.13%	0.649%
39	13.327	1908	1911	1914	rVV	111018	100295	5.60%	0.398%
40	13.368	1914	1918	1920	rVV2	95644	116039	6.47%	0.460%
41	13.392	1920	1922	1925	rVB	40393	39709	2.22%	0.157%
42	13.462	1931	1934	1936	rBV2	53123	44470	2.48%	0.176%
43	13.492	1936	1939	1942	rVV2	51561	55224	3.08%	0.219%
44	13.615	1958	1960	1963	rBV2	24038	25150	1.40%	0.100%
45	13.745	1979	1982	1984	rBV3	40685	46479	2.59%	0.184%
46	13.774	1984	1987	1991	rVB	107412	104354	5.82%	0.414%
47	13.886	2002	2006	2008	rBV2	116896	134641	7.51%	0.534%
48	13.909	2008	2010	2012	rVV	103236	91110	5.08%	0.361%
49	13.945	2012	2016	2020	rVV2	211358	288287	16.08%	1.143%
50	13.980	2020	2022	2027	rVB	103234	97468	5.44%	0.387%
51	14.051	2032	2034	2038	rBV	28283	38587	2.15%	0.153%
52	14.133	2041	2048	2051	rVV2	658348	1067559	59.56%	4.234%
53	14.162	2051	2053	2060	rVB	609938	504210	28.13%	2.000%
54	14.221	2060	2063	2064	rBV2	26885	27335	1.53%	0.108%
55	14.245	2064	2067	2068	rBV	91657	81235	4.53%	0.322%
56	14.262	2068	2070	2072	rVB	49550	39451	2.20%	0.156%
57	14.362	2083	2087	2090	rBV2	45534	64917	3.62%	0.257%
58	14.392	2090	2092	2095	rVB2	41140	34180	1.91%	0.136%
59	14.480	2105	2107	2109	rBV	32676	33041	1.84%	0.131%
60	14.521	2112	2114	2116	rVV	102148	86711	4.84%	0.344%
61	14.568	2120	2122	2129	rVV3	125805	204557	11.41%	0.811%
62	14.651	2133	2136	2138	rVV2	50691	58542	3.27%	0.232%
63	14.674	2138	2140	2143	rVB	52630	46019	2.57%	0.183%
64	14.845	2167	2169	2172	rBV2	38840	42371	2.36%	0.168%
65	14.886	2174	2176	2180	rVB	59635	55592	3.10%	0.220%
66	15.039	2199	2202	2207	rVB2	167722	184612	10.30%	0.732%
67	15.209	2226	2231	2234	rBV	455449	738061	41.18%	2.927%
68	15.233	2234	2235	2239	rVV2	328875	303772	16.95%	1.205%
69	15.274	2239	2242	2247	rVV3	159564	244390	13.63%	0.969%
70	15.321	2247	2250	2254	rVB	82355	98626	5.50%	0.391%
71	15.415	2263	2266	2272	rBV3	40898	80485	4.49%	0.319%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.527	2281	2285	2291	rVB	257765	333510	18.61%	1.323%
73	15.598	2292	2297	2301	rVV	332084	433203	24.17%	1.718%
74	15.662	2304	2308	2311	rVV	203963	293447	16.37%	1.164%
75	15.692	2311	2313	2320	rVB	93286	134748	7.52%	0.534%
76	15.851	2336	2340	2351	rVB3	184461	309158	17.25%	1.226%
77	16.092	2378	2381	2386	rVB	63475	76990	4.30%	0.305%
78	17.227	2568	2574	2585	rVB2	148328	369003	20.59%	1.463%
79	17.703	2650	2655	2665	rVB2	85731	203121	11.33%	0.806%

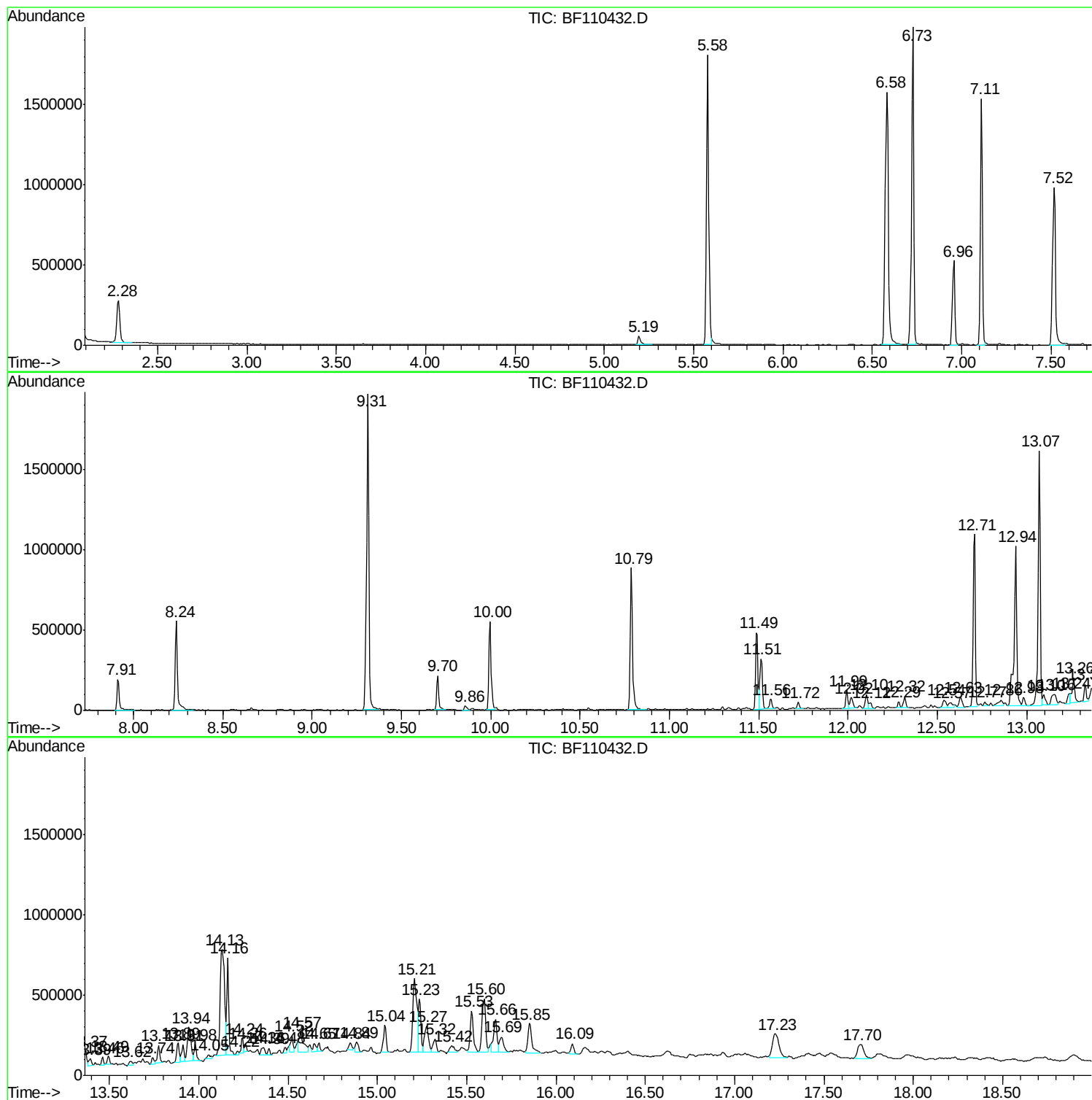
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Misc :
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Instrument :
BNA_F
ClientSampled :
FLOOD-AREA-2

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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Instrument :
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ClientSampleId :
FLOOD-AREA-2

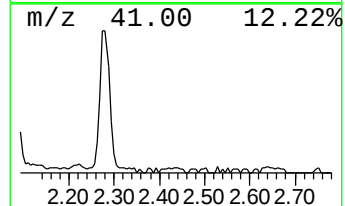
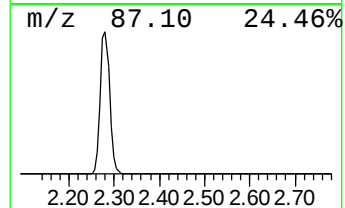
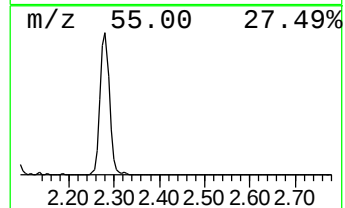
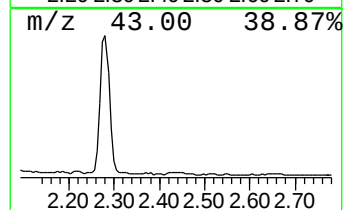
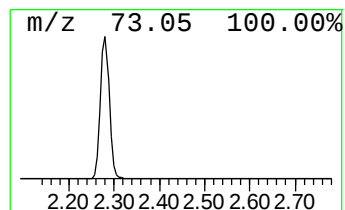
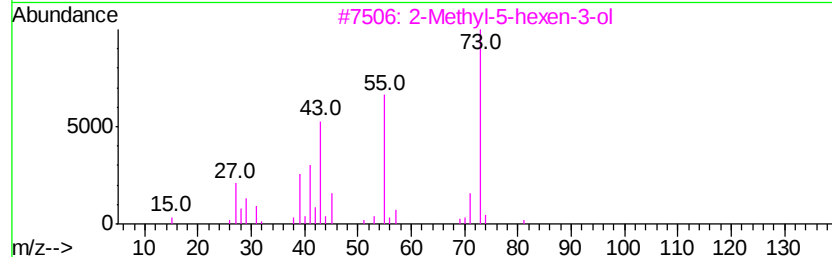
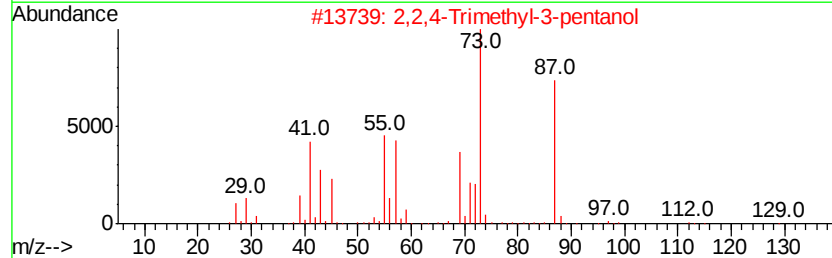
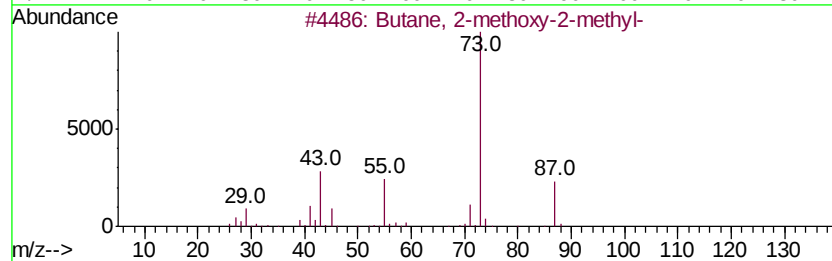
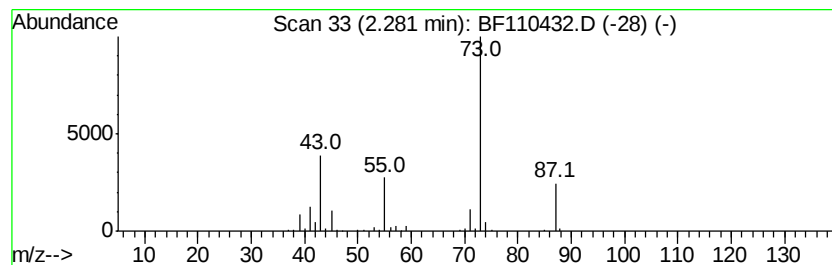
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	15.64 ng	362025	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14



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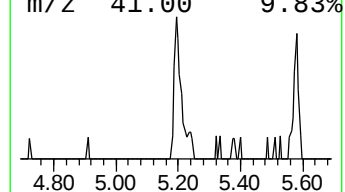
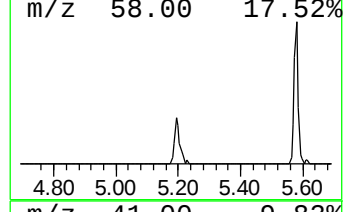
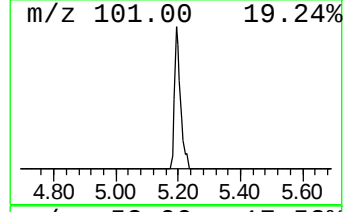
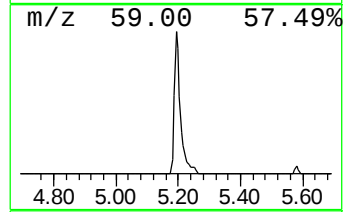
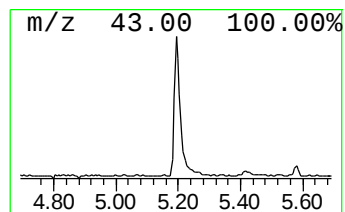
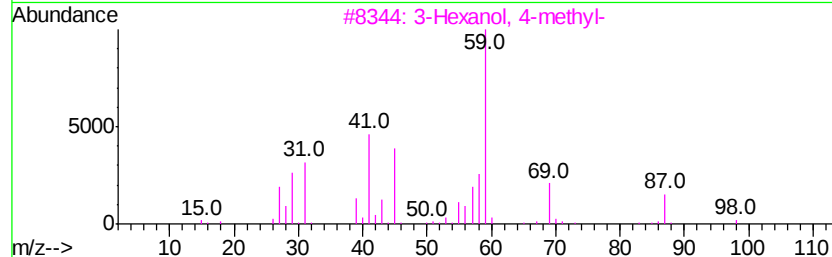
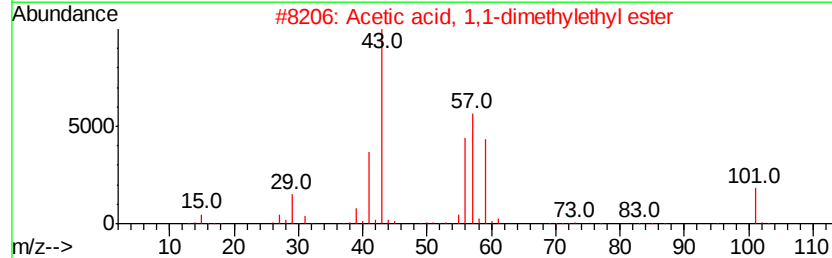
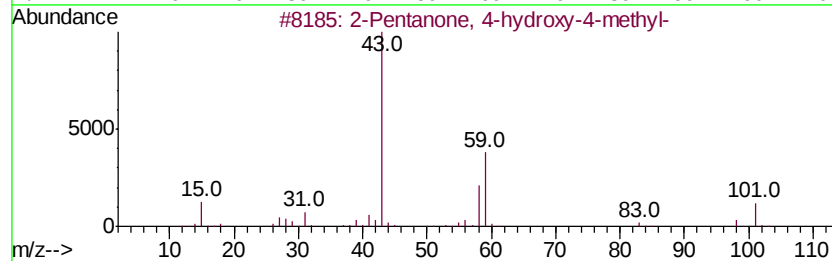
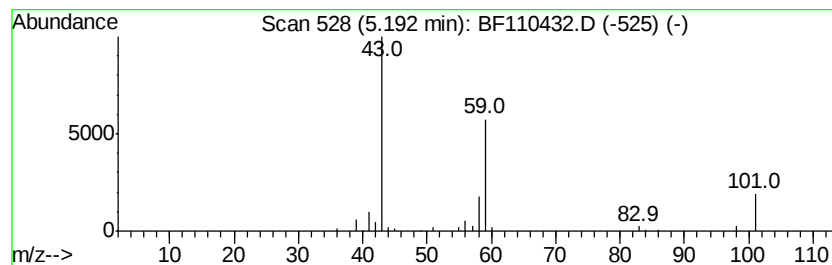
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.13 ng	72495	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9



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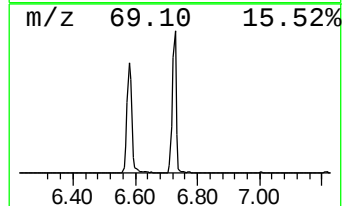
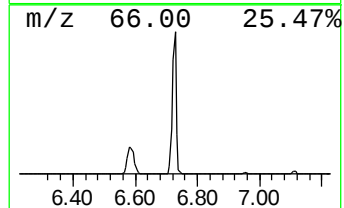
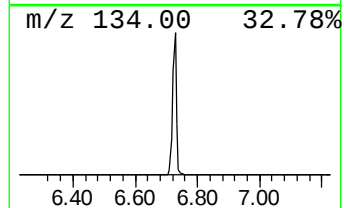
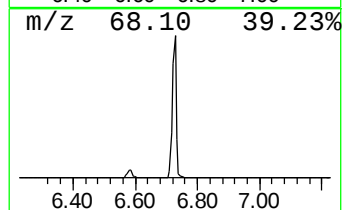
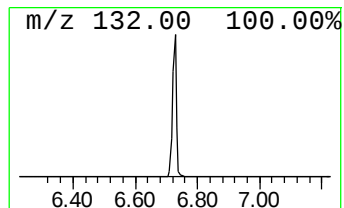
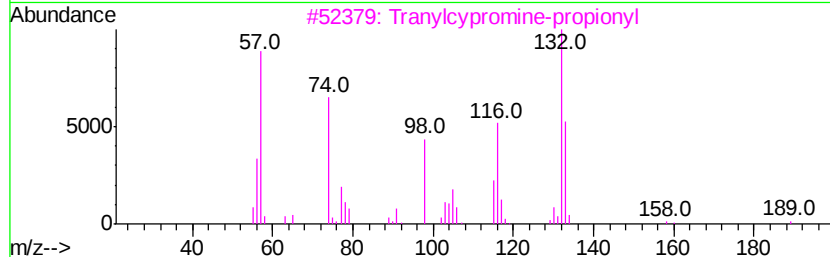
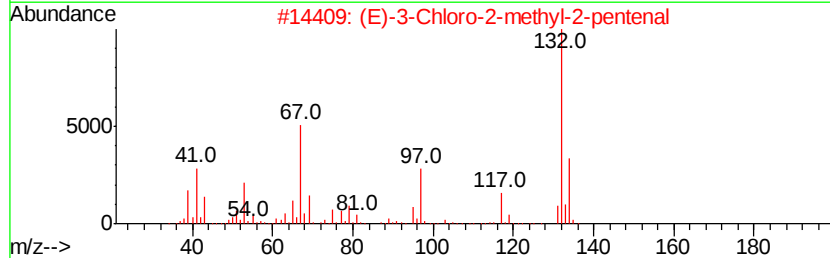
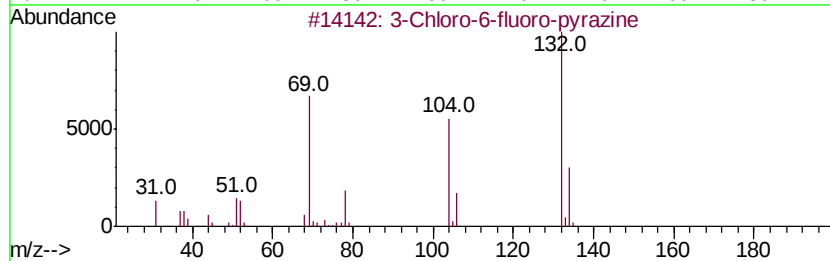
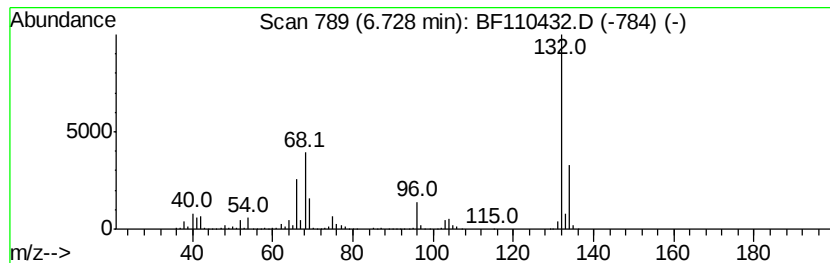
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	74.36 ng	1720980	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopentadlpyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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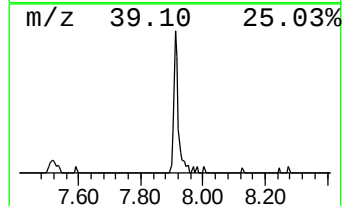
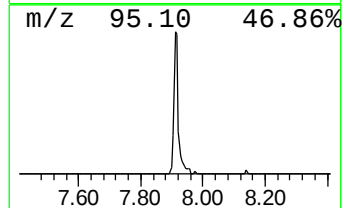
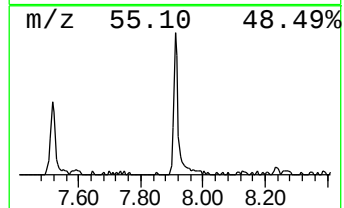
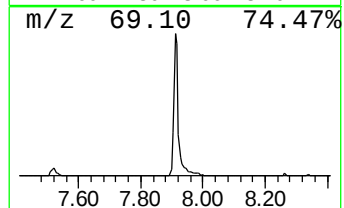
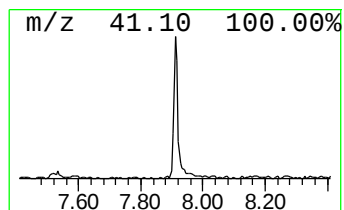
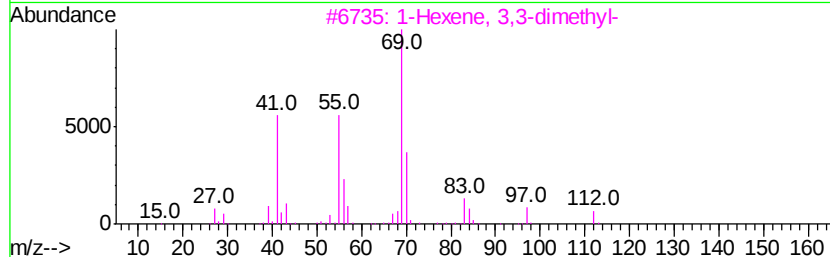
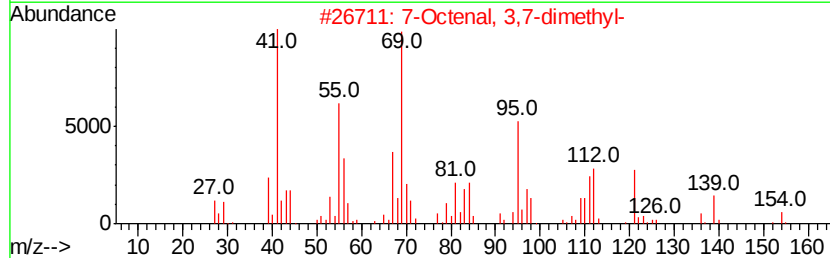
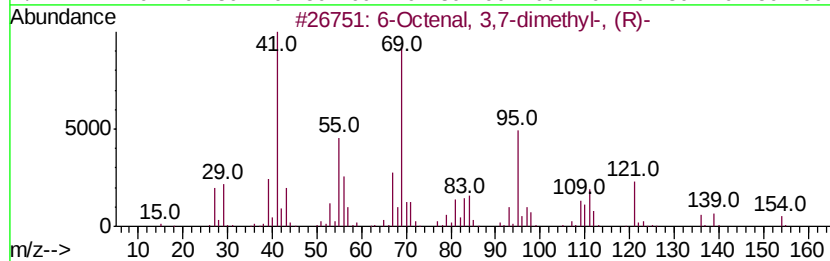
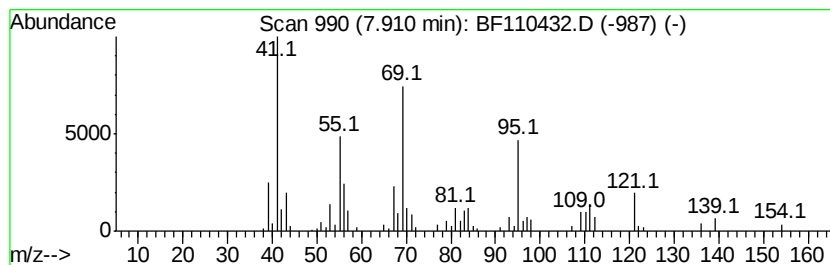
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 6-Octenal, 3,7-dimethyl-, (R)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.91	7.12 ng	196796	Naphthalene-d8	8.24	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	96
2	7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	91
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	49
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
Acq On : 3 Nov 2018 00:37
Operator : JU/SJ
Sample : J5769-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

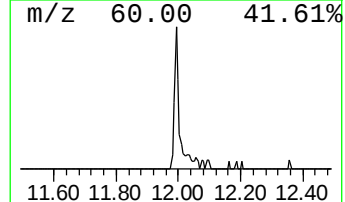
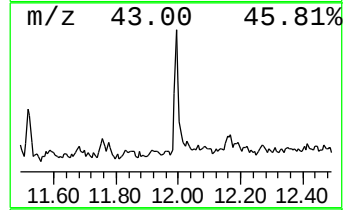
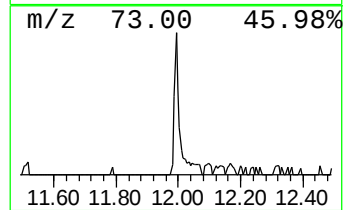
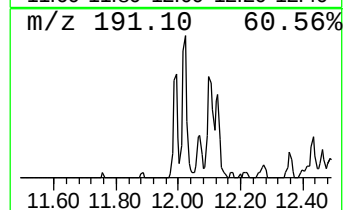
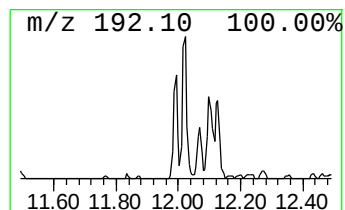
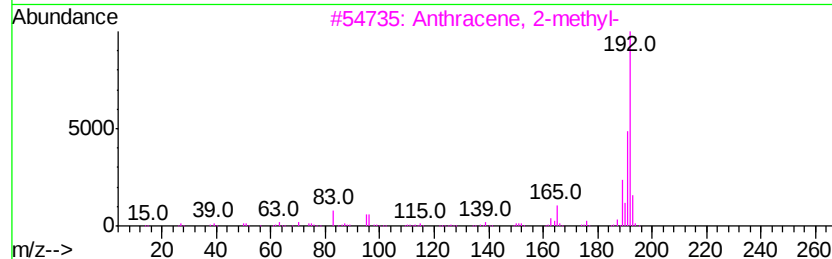
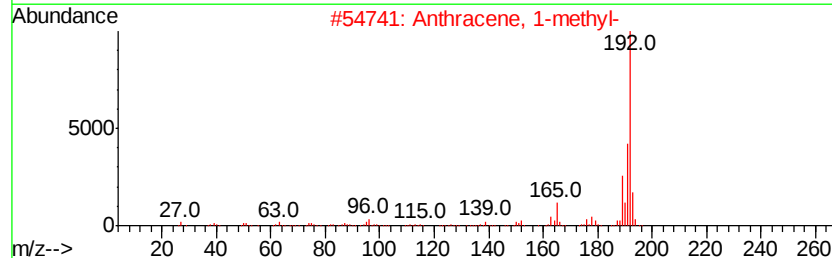
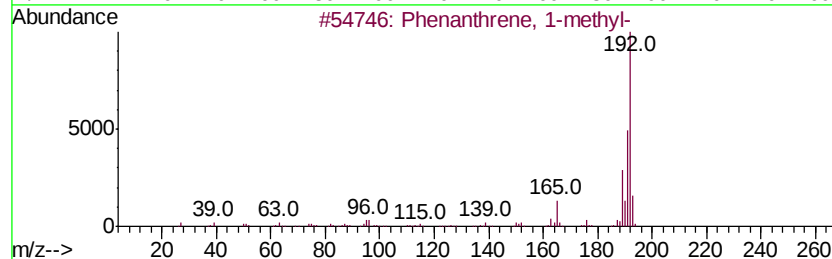
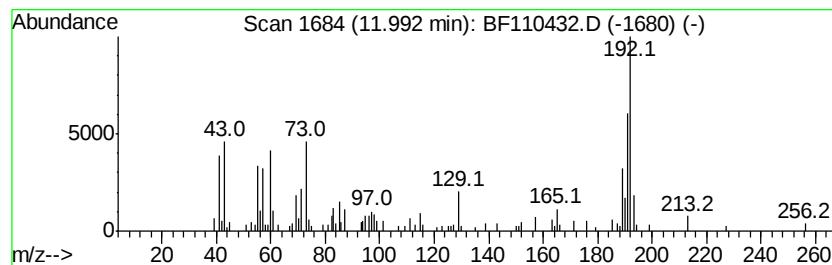
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	4.16 ng	103261	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
Acq On : 3 Nov 2018 00:37
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ClientSampleId :
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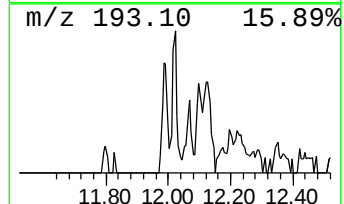
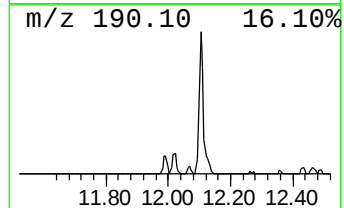
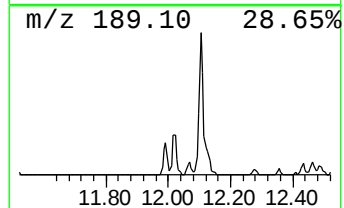
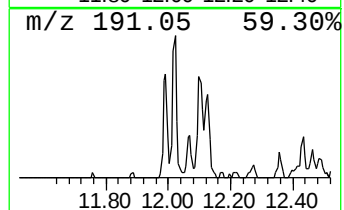
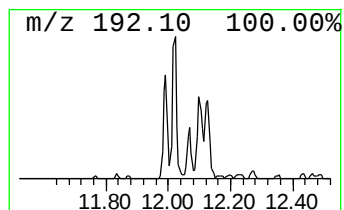
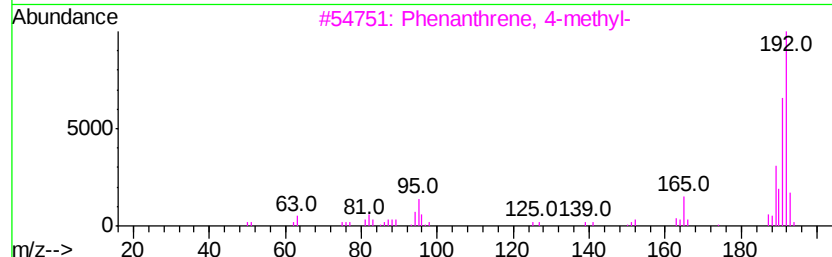
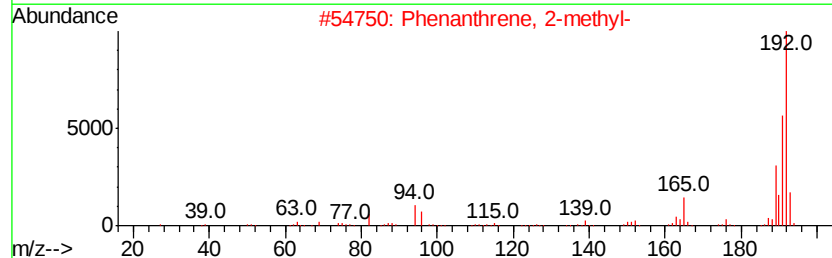
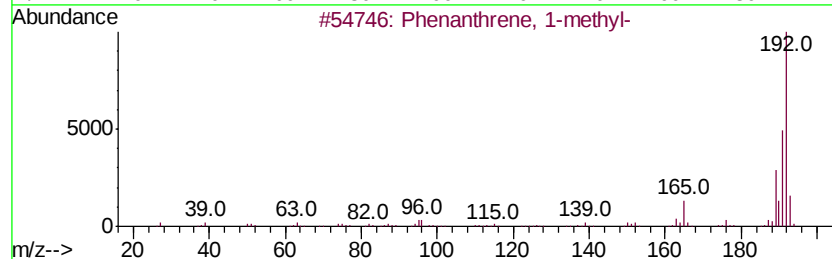
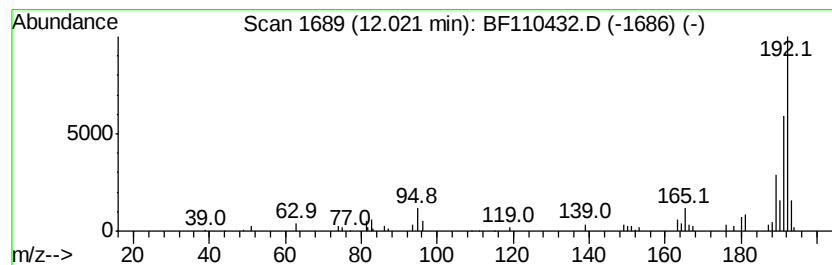
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.70 ng	67028	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
Acq On : 3 Nov 2018 00:37
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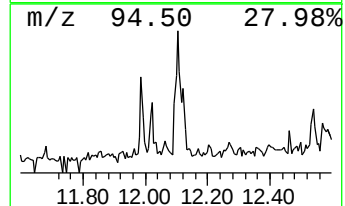
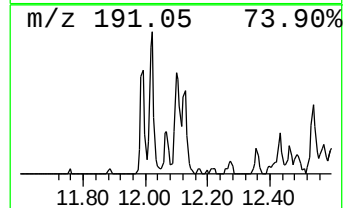
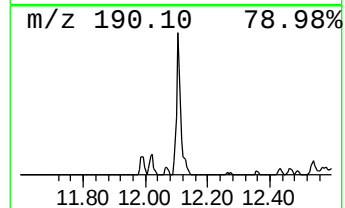
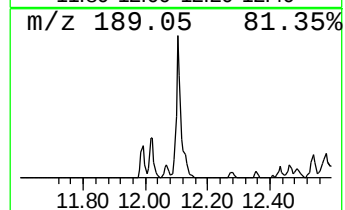
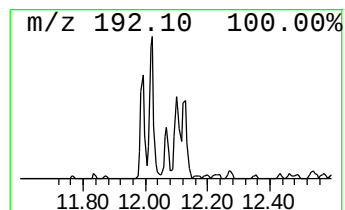
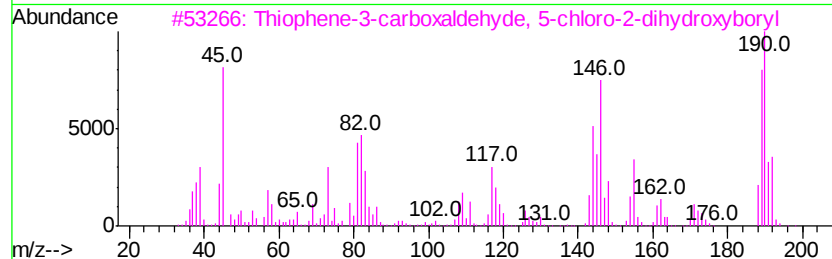
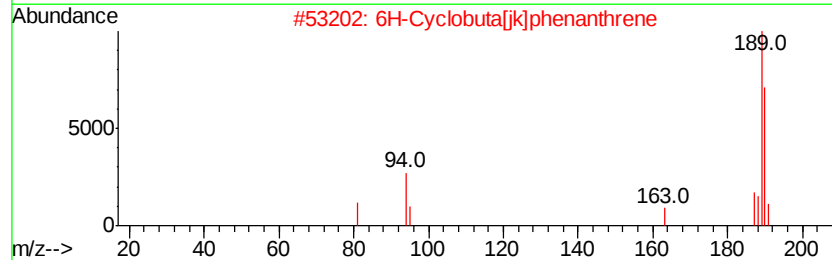
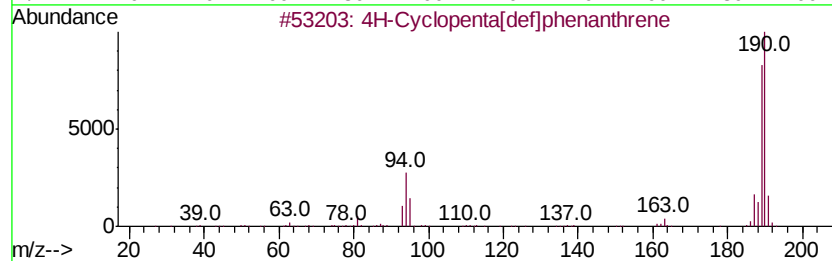
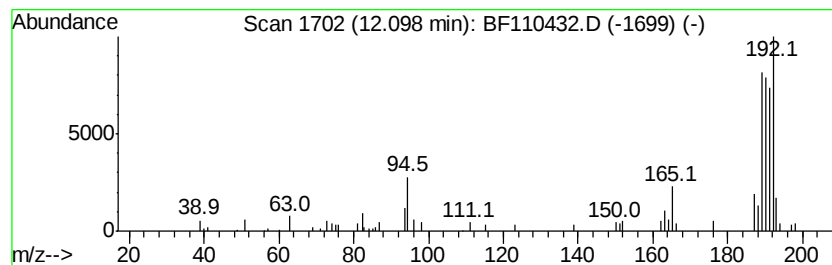
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.60 ng	89321	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4		Methyl diselenide	190	C2H6Se2	007101-31-7	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47



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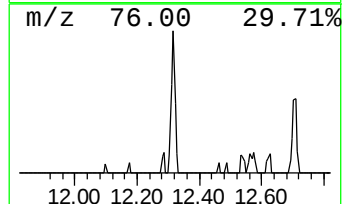
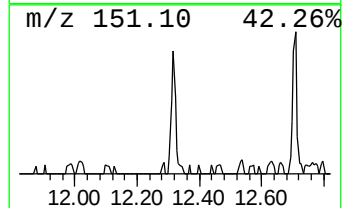
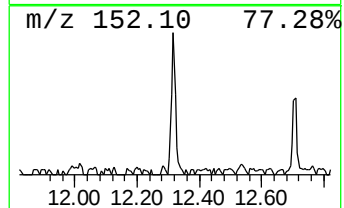
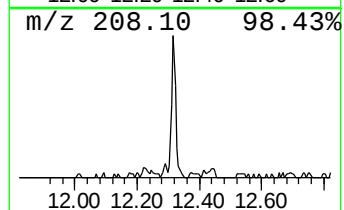
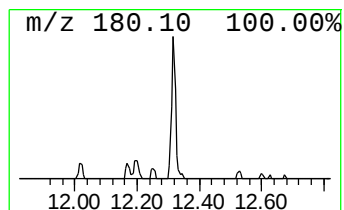
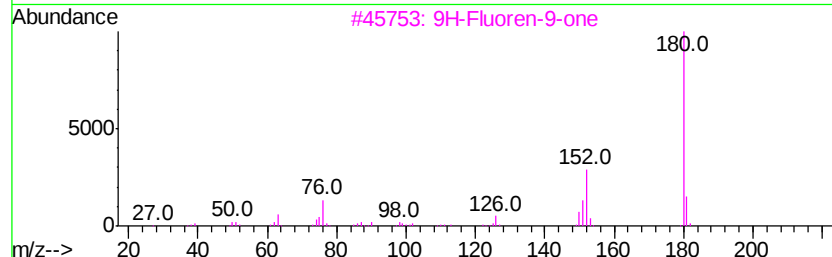
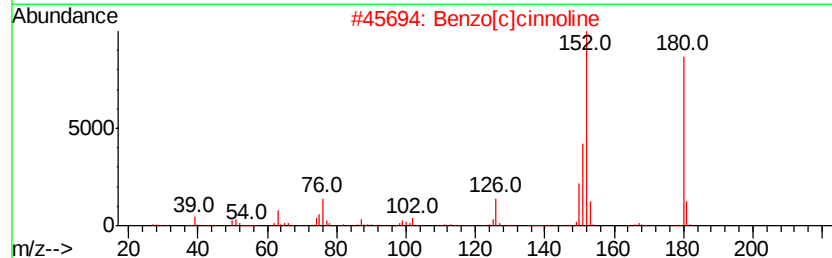
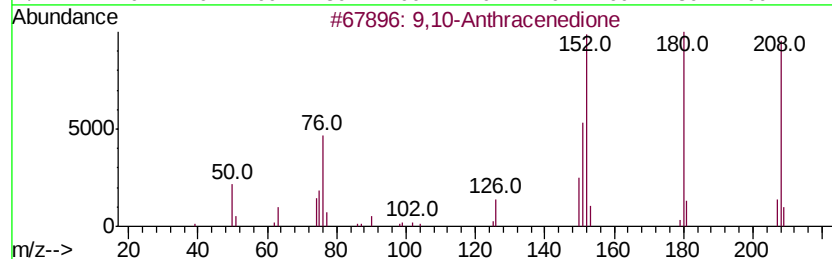
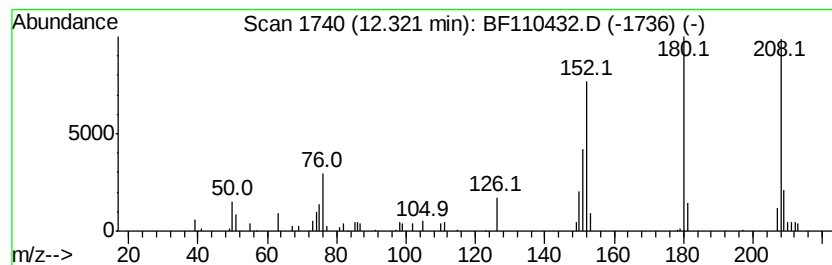
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.55 ng	63440	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
Acq On : 3 Nov 2018 00:37
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ALS Vial : 21 Sample Multiplier: 1

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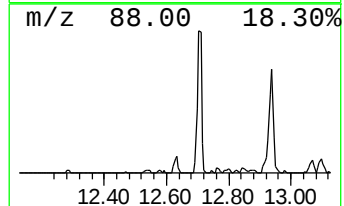
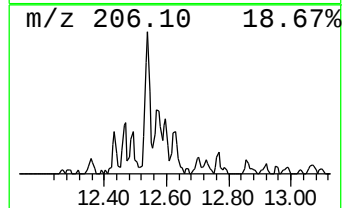
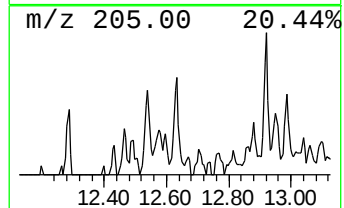
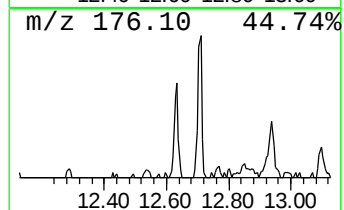
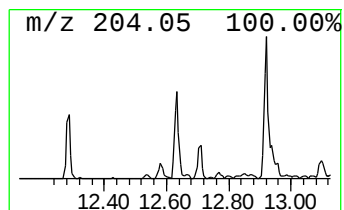
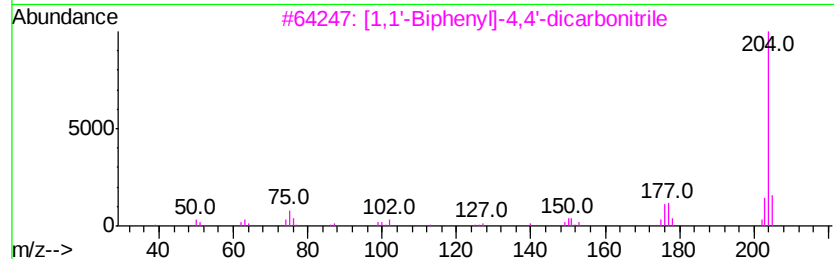
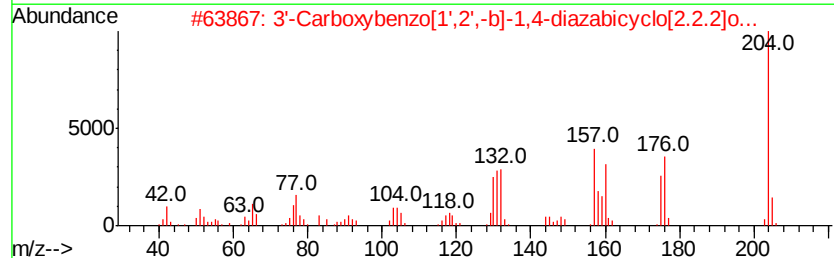
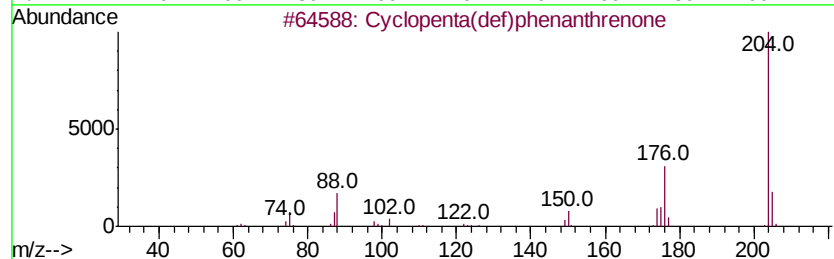
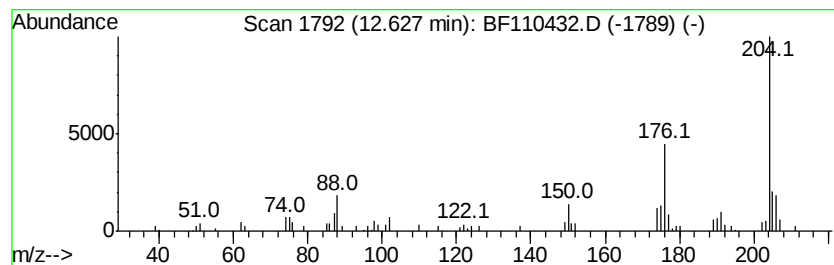
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.65 ng	65881	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	59
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	45



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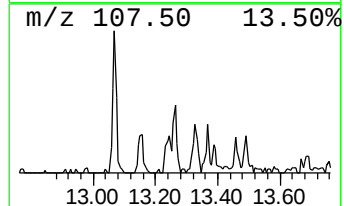
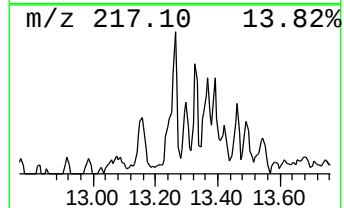
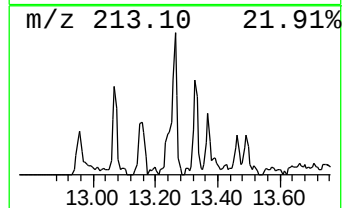
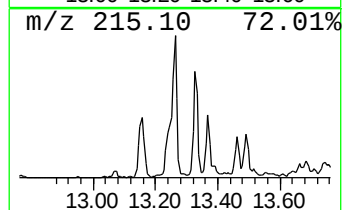
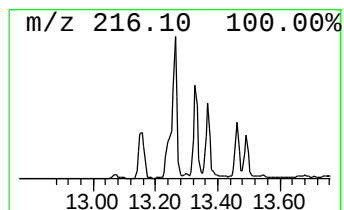
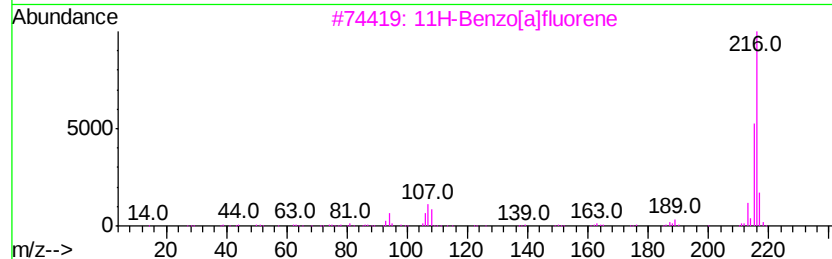
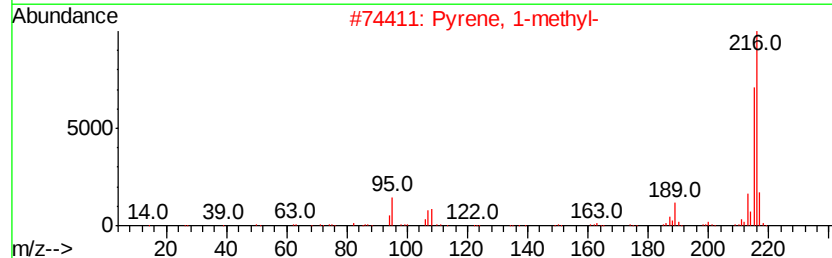
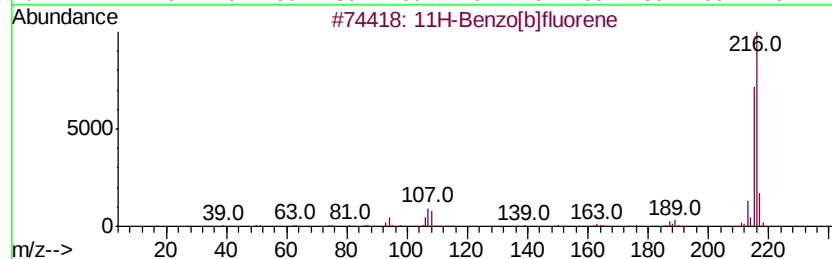
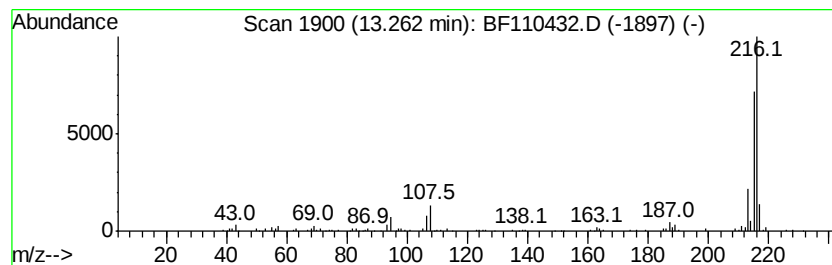
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.07 ng	163609	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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Operator : JU/SJ
Sample : J5769-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

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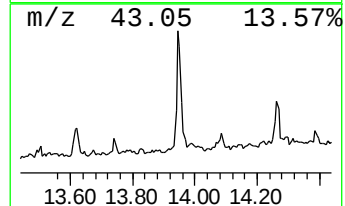
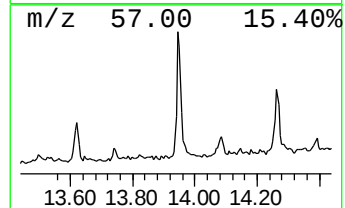
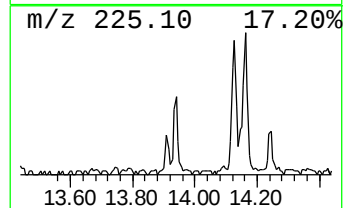
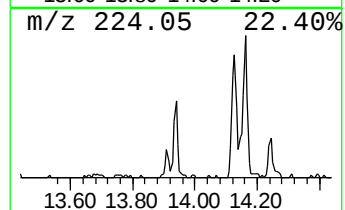
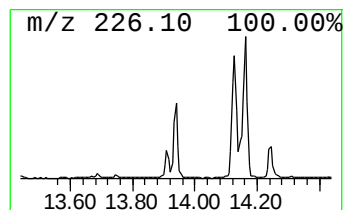
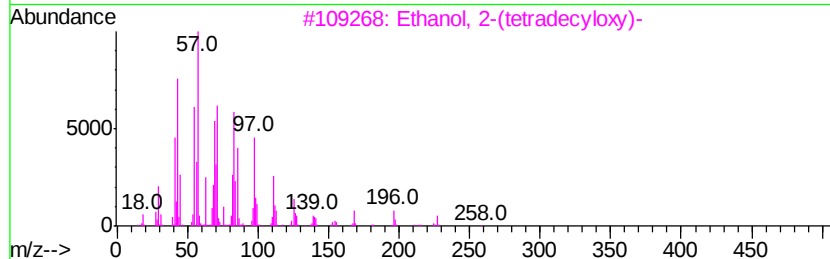
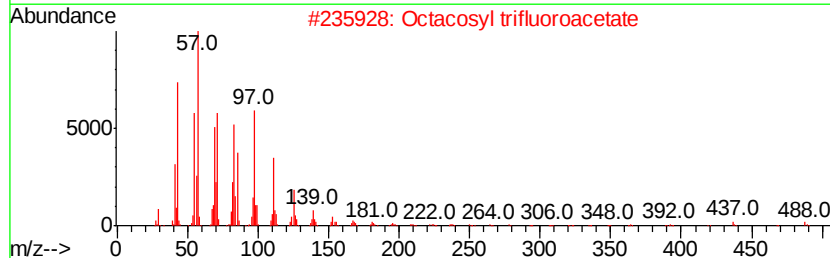
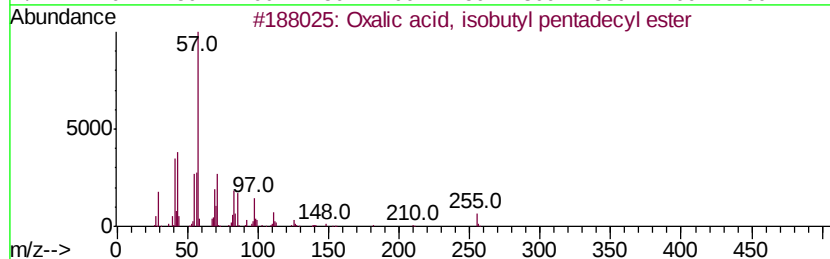
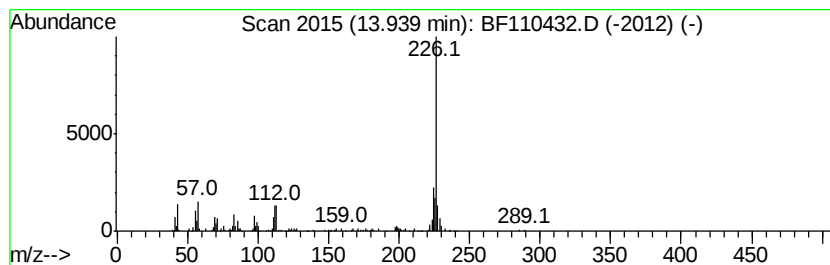
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxalic acid, isobutyl penta... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.40 ng	288287	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	50
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	50
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
4			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	50
5			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
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Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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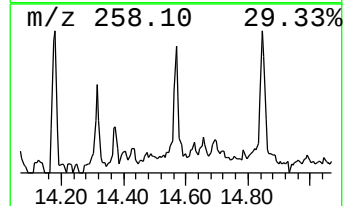
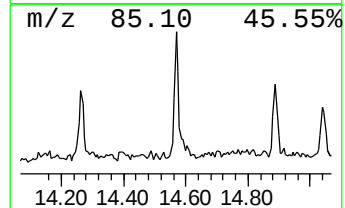
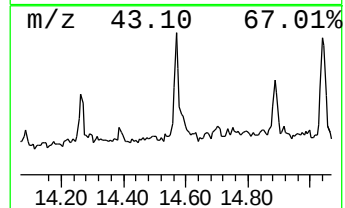
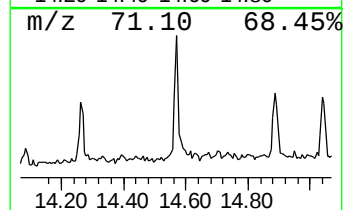
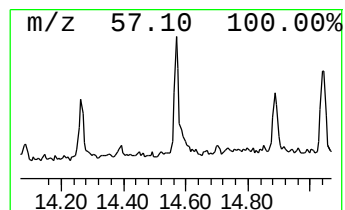
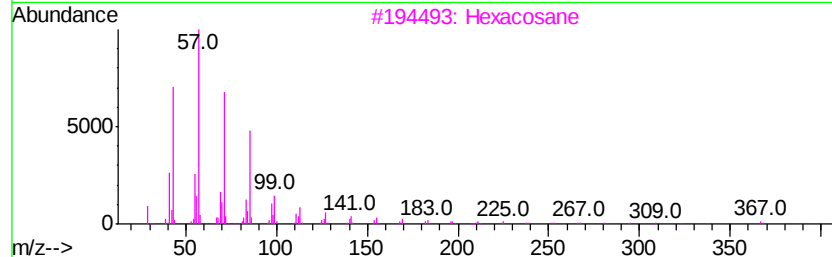
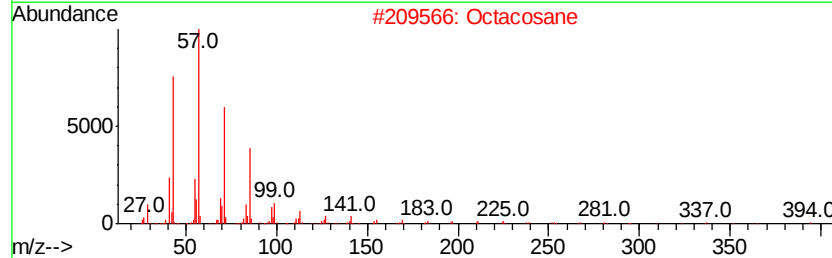
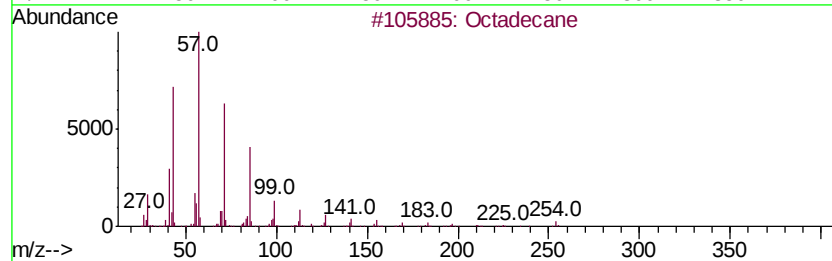
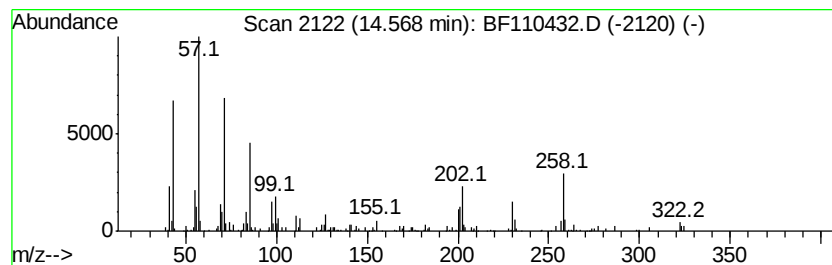
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.83 ng	204557	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	64
2			Octacosane	394	C28H58	000630-02-4	49
3			Hexacosane	366	C26H54	000630-01-3	49
4			Pentacosane	352	C25H52	000629-99-2	46
5			2-methyloctacosane	408	C29H60	1000376-72-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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Sample : J5769-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

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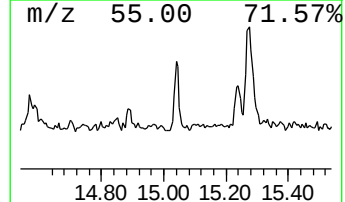
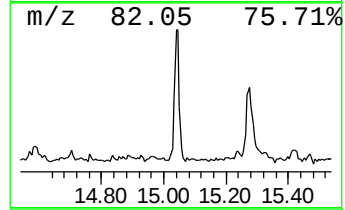
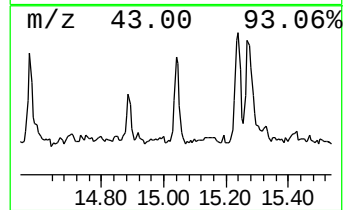
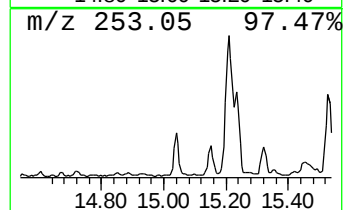
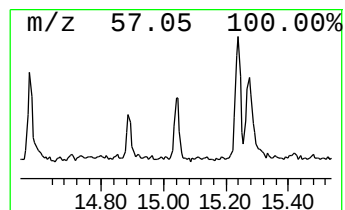
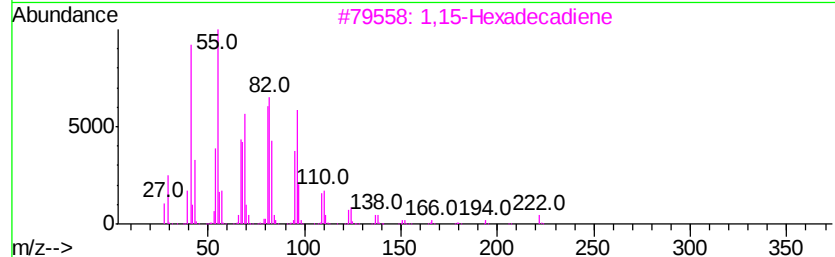
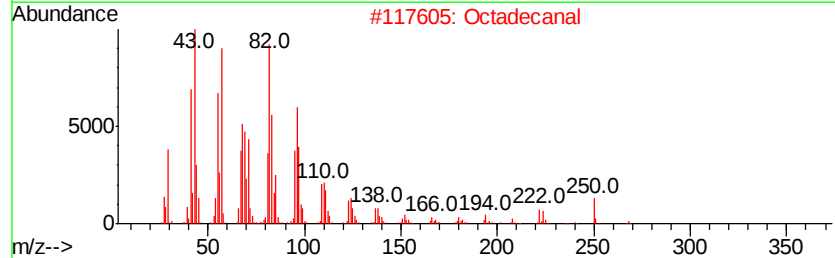
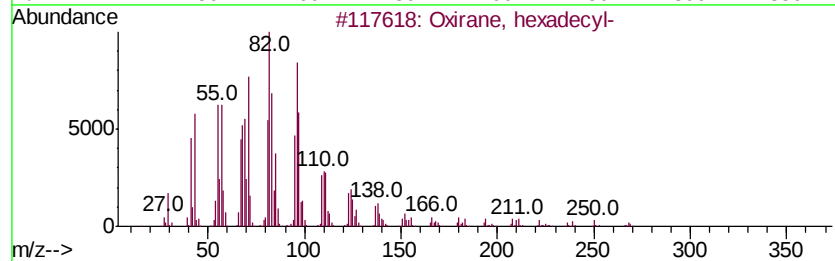
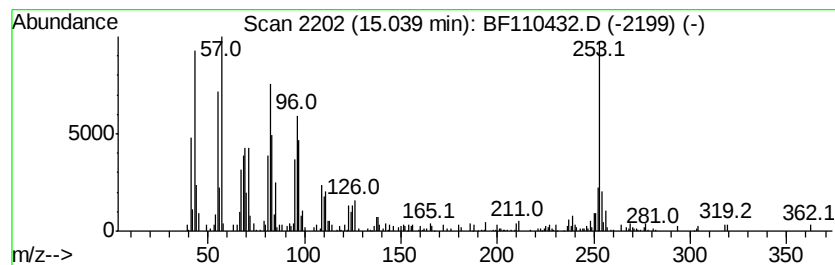
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	12.58 ng	184612	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98
2		Octadecanal	268	C18H36O	000638-66-4	89
3		1,15-Hexadecadiene	222	C16H30	021964-51-2	86
4		16-Heptadecenal	252	C17H32O	1000144-57-9	70
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	50



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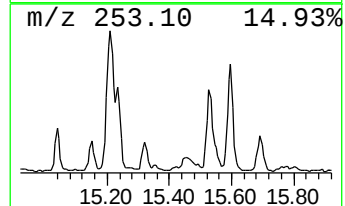
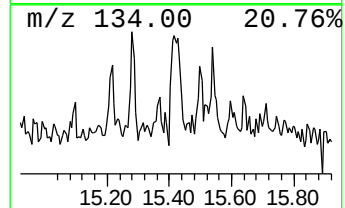
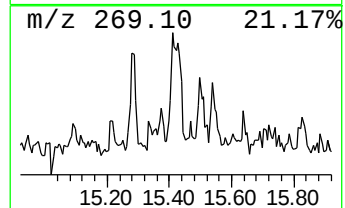
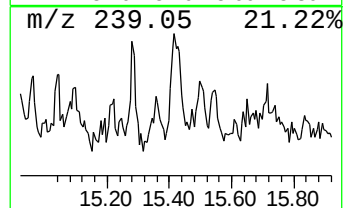
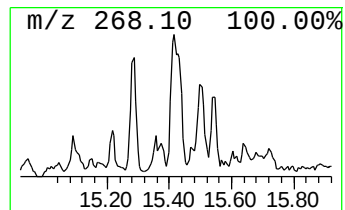
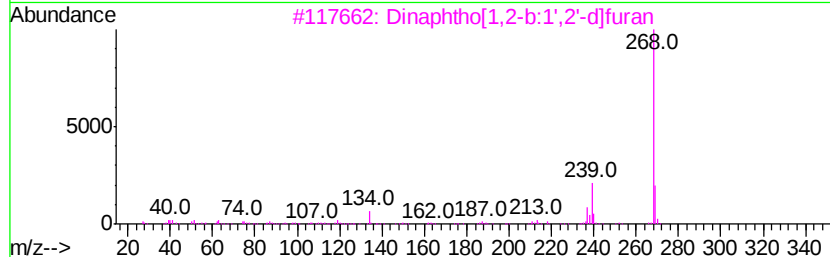
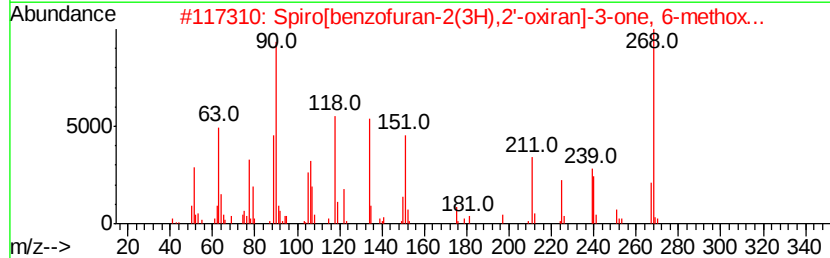
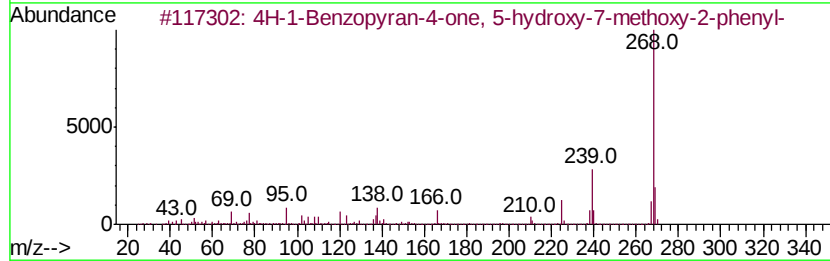
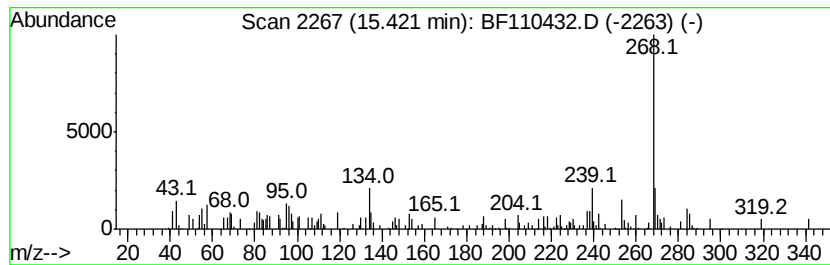
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-1-Benzopyran-4-one, 5-hy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	5.49 ng	80485	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	70
2		Spiro[benzofuran-2(3H),2'-oxiran...	268	C16H12O4	010173-78-1	64
3		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
5		9-Benzylphenanthrene	268	C21H16	000605-05-0	43



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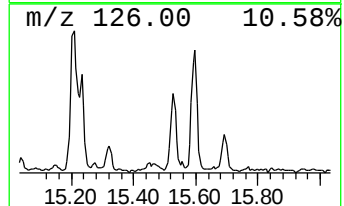
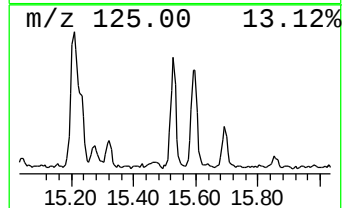
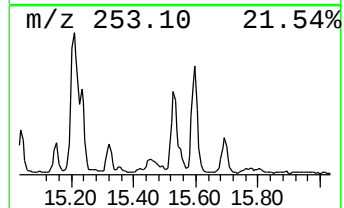
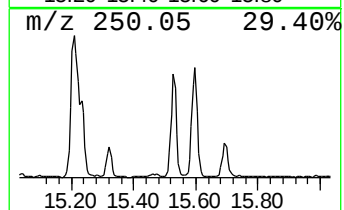
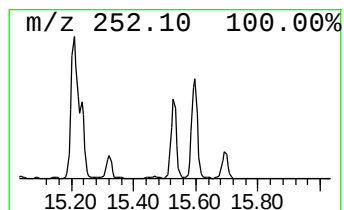
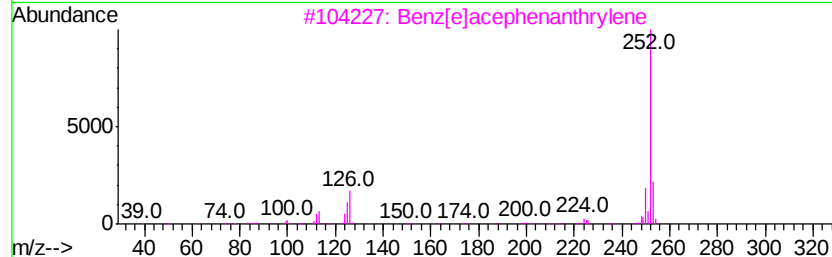
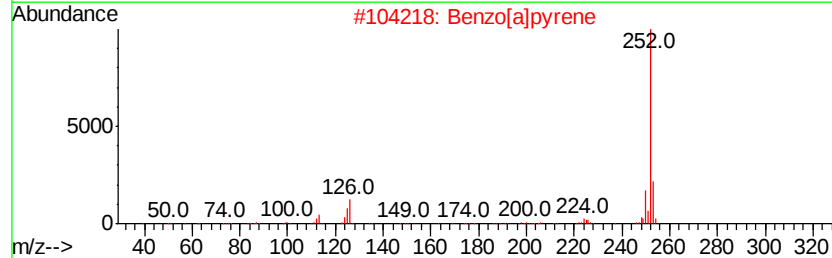
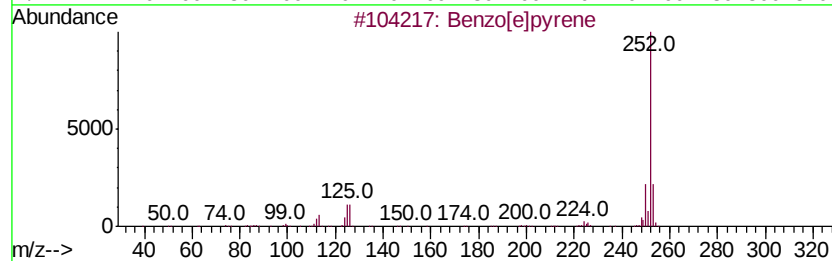
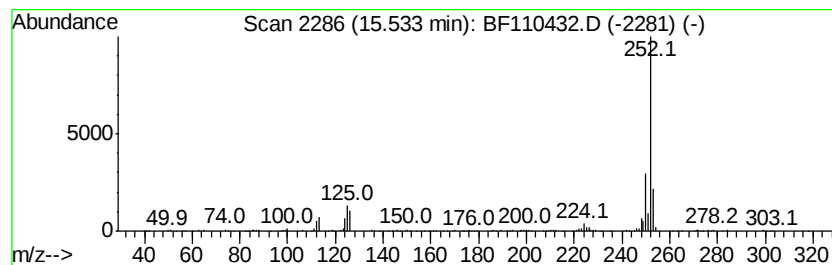
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	22.73 ng	333510	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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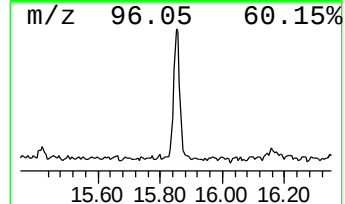
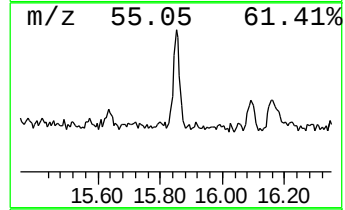
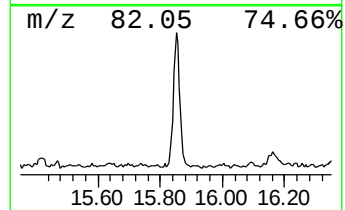
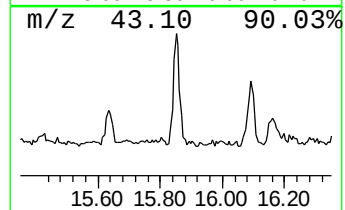
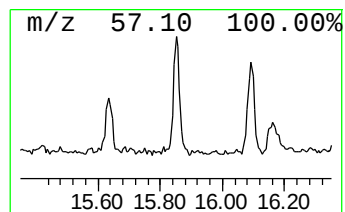
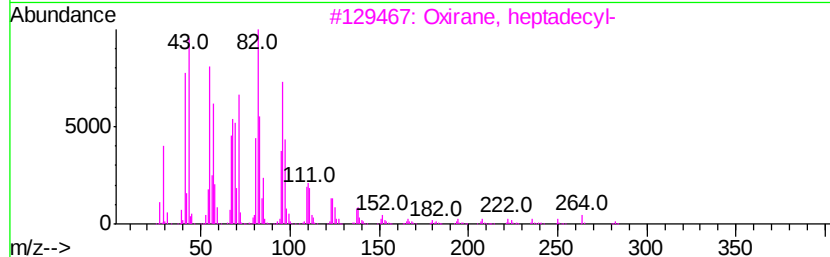
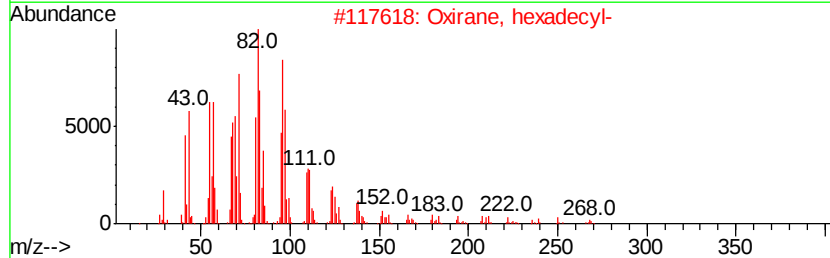
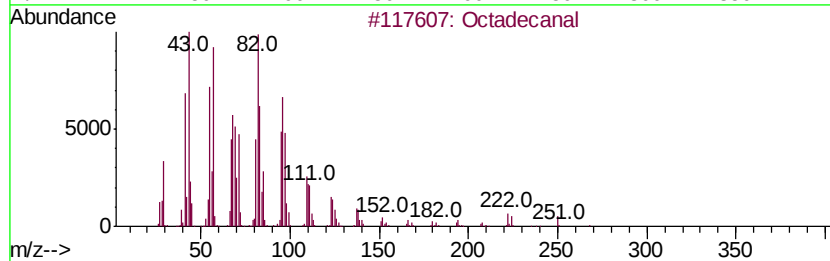
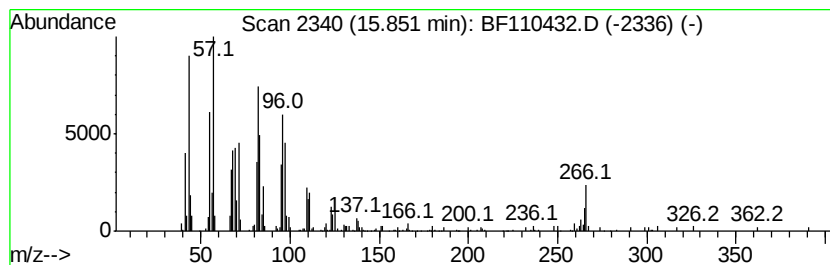
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	21.07 ng	309158	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	90
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
4		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
5		Hexadecanal	240	C16H32O	000629-80-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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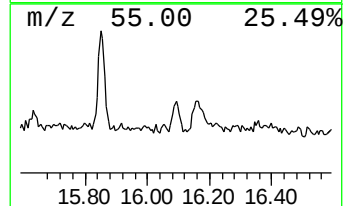
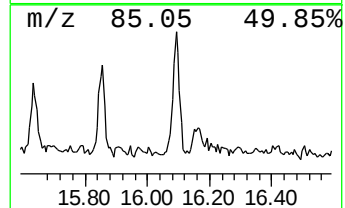
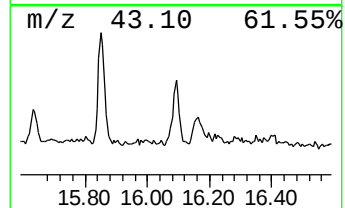
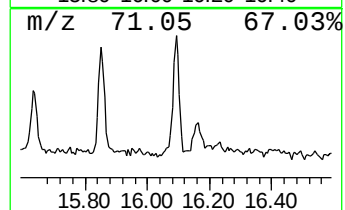
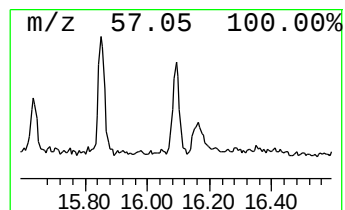
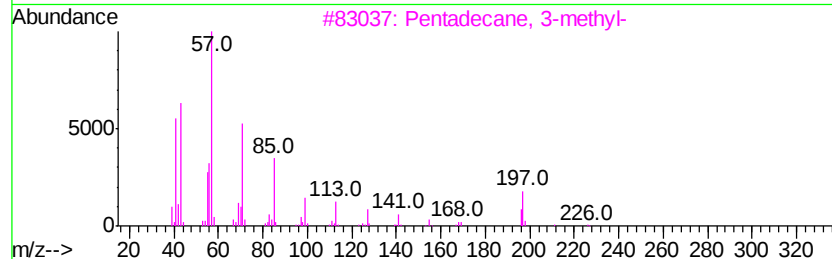
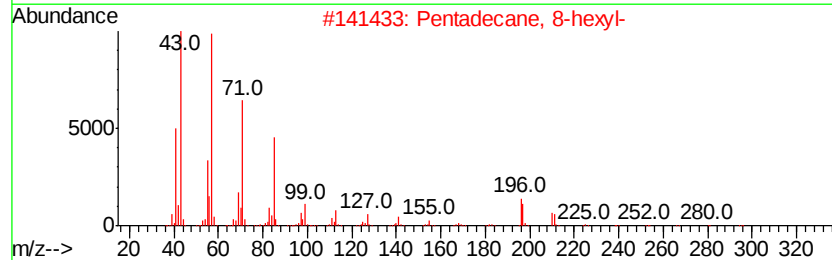
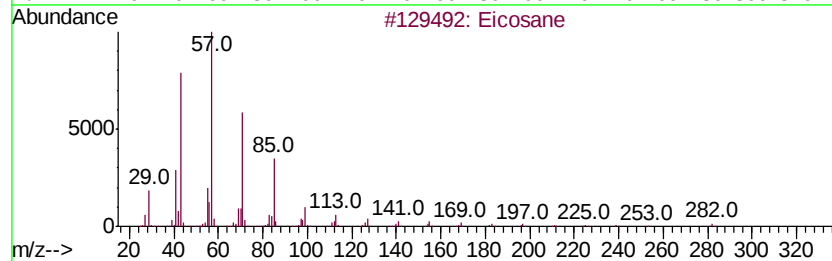
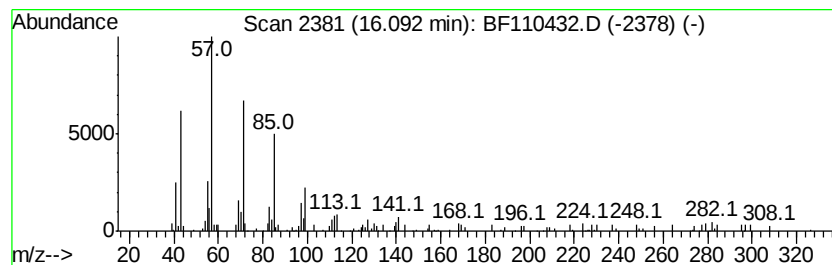
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.25 ng	76990	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	70
2	Pentadecane, 8-hexyl-			296	C21H44	013475-75-7	64
3	Pentadecane, 3-methyl-			226	C16H34	002882-96-4	58
4	Octacosane			394	C28H58	000630-02-4	58
5	Octadecane			254	C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
 Data File : BF110432.D
 Acq On : 3 Nov 2018 00:37
 Operator : JU/SJ
 Sample : J5769-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-2

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...	2.28	15.6	ng	362025	1	6.96	462857	20.0
2-Pentanone, 4-hy...	5.19	3.1	ng	72495	1	6.96	462857	20.0
unknown6.73	6.73	74.4	ng	1720980	1	6.96	462857	20.0
6-Octenal, 3,7-di...	7.91	7.1	ng	196796	2	8.24	552966	20.0
Anthracene, 1-met...	11.99	4.2	ng	103261	4	11.49	496858	20.0
Phenanthrene, 1-m...	12.02	2.7	ng	67028	4	11.49	496858	20.0
4H-Cyclopenta[def...	12.10	3.6	ng	89321	4	11.49	496858	20.0
9,10-Anthracenedione	12.32	2.5	ng	63440	4	11.49	496858	20.0
Cyclopenta(def)ph...	12.63	2.6	ng	65881	4	11.49	496858	20.0
11H-Benzo[b]fluorene	13.26	3.1	ng	163609	5	14.14	1067560	20.0
Oxalic acid, isob...	13.94	5.4	ng	288287	5	14.14	1067560	20.0
Octadecane	14.57	3.8	ng	204557	5	14.14	1067560	20.0
Oxirane, hexadecyl-	15.04	12.6	ng	184612	6	15.66	293447	20.0
4H-1-Benzopyran-4...	15.42	5.5	ng	80485	6	15.66	293447	20.0
Benzo[e]pyrene	15.53	22.7	ng	333510	6	15.66	293447	20.0
Octadecanal	15.85	21.1	ng	309158	6	15.66	293447	20.0
Eicosane	16.09	5.3	ng	76990	6	15.66	293447	20.0