

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100939.D
 Acq On : 28 Nov 2017 17:39
 Operator : SJ/JU
 Sample : I6610-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.093	507	511	522	rBB	75275	97496	6.28%	0.553%
2	5.481	572	577	580	rBV	1454397	1399185	90.09%	7.943%
3	6.492	743	749	761	rBV	1390086	1408181	90.67%	7.994%
4	6.628	768	772	775	rBV	1497050	1452167	93.50%	8.244%
5	6.857	808	811	815	rBV	463886	363492	23.40%	2.063%
6	7.016	834	838	841	rBV	1366372	1145563	73.76%	6.503%
7	7.422	902	907	910	rBV	919658	853015	54.92%	4.842%
8	8.139	1025	1029	1032	rBV	559808	441786	28.45%	2.508%
9	9.216	1207	1212	1215	rBV	1845509	1553080	100.00%	8.816%
10	9.286	1221	1224	1227	rVB	32111	25350	1.63%	0.144%
11	9.551	1261	1269	1272	rBV3	13216	21770	1.40%	0.124%
12	9.604	1275	1278	1281	rBV	114146	89273	5.75%	0.507%
13	9.816	1307	1314	1318	rBV	71611	58757	3.78%	0.334%
14	9.892	1323	1327	1331	rVV	480814	429878	27.68%	2.440%
15	9.928	1331	1333	1335	rVB	38861	28462	1.83%	0.162%
16	10.098	1356	1362	1366	rVB3	21769	29770	1.92%	0.169%
17	10.316	1396	1399	1402	rVB	77286	55153	3.55%	0.313%
18	10.439	1417	1420	1424	rVB	29193	27703	1.78%	0.157%
19	10.533	1433	1436	1438	rBV2	15914	18160	1.17%	0.103%
20	10.680	1458	1461	1471	rVB	780256	718643	46.27%	4.080%
21	10.786	1476	1479	1485	rVB	46318	51214	3.30%	0.291%
22	10.980	1508	1512	1516	rBV3	22980	25223	1.62%	0.143%
23	11.186	1544	1547	1551	rBV	28933	22778	1.47%	0.129%
24	11.275	1558	1562	1568	rVB	17034	22168	1.43%	0.126%
25	11.380	1576	1580	1582	rBV	418935	351283	22.62%	1.994%
26	11.404	1582	1584	1588	rVV	438606	328215	21.13%	1.863%
27	11.457	1588	1593	1596	rVV	60163	53155	3.42%	0.302%
28	11.610	1614	1619	1624	rBV2	35340	32682	2.10%	0.186%
29	11.880	1662	1665	1666	rBV	49168	38311	2.47%	0.217%
30	11.904	1666	1669	1675	rVB2	126675	143878	9.26%	0.817%
31	11.992	1680	1684	1686	rVV2	64074	69836	4.50%	0.396%
32	12.016	1686	1688	1692	rVB	42995	33148	2.13%	0.188%
33	12.174	1710	1715	1718	rBV	34912	32171	2.07%	0.183%
34	12.204	1718	1720	1722	rBV	32280	25220	1.62%	0.143%

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Integrator: RTE

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Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.433	1753	1759	1767	rBV2	42161	106144	6.83%	0.603%
36	12.516	1770	1773	1783	rBV	34350	39321	2.53%	0.223%
37	12.592	1783	1786	1790	rBV	484833	450113	28.98%	2.555%
38	12.686	1799	1802	1806	rBV	75160	65872	4.24%	0.374%
39	12.821	1819	1825	1831	rBV	390763	449181	28.92%	2.550%
40	12.874	1831	1834	1838	rVB2	24833	32179	2.07%	0.183%
41	12.963	1841	1849	1852	rBV	1246606	1119893	72.11%	6.357%
42	13.045	1857	1863	1865	rBV2	35160	55527	3.58%	0.315%
43	13.069	1865	1867	1870	rVB2	30074	21592	1.39%	0.123%
44	13.127	1874	1877	1878	rBV2	28097	29251	1.88%	0.166%
45	13.251	1894	1898	1901	rBV2	44881	47787	3.08%	0.271%
46	13.333	1909	1912	1917	rBV2	108888	132016	8.50%	0.749%
47	13.380	1917	1920	1923	rVB	38594	37858	2.44%	0.215%
48	13.439	1923	1930	1933	rBV2	188838	187372	12.06%	1.064%
49	13.463	1933	1934	1937	rVV	30124	19301	1.24%	0.110%
50	13.521	1941	1944	1947	rBV4	17675	21151	1.36%	0.120%
51	13.551	1947	1949	1955	rVB6	11820	20720	1.33%	0.118%
52	13.657	1961	1967	1972	rVB	79652	82431	5.31%	0.468%
53	13.768	1981	1986	1989	rBV2	54992	80022	5.15%	0.454%
54	13.798	1989	1991	1993	rVV	43809	36486	2.35%	0.207%
55	13.821	1993	1995	1998	rVV2	31009	42466	2.73%	0.241%
56	13.863	1998	2002	2006	rVB2	91813	150588	9.70%	0.855%
57	13.992	2019	2024	2025	rBV2	60142	72207	4.65%	0.410%
58	14.021	2025	2029	2032	rVV2	528809	713145	45.92%	4.048%
59	14.045	2032	2033	2039	rVB	227374	181962	11.72%	1.033%
60	14.168	2052	2054	2058	rBV4	25268	30827	1.98%	0.175%
61	14.216	2059	2062	2064	rVV	39748	31733	2.04%	0.180%
62	14.374	2085	2089	2090	rBV3	28663	26816	1.73%	0.152%
63	14.404	2091	2094	2098	rVB	46684	47333	3.05%	0.269%
64	14.439	2098	2100	2104	rBV2	27207	25036	1.61%	0.142%
65	14.474	2104	2106	2108	rBV2	20465	24564	1.58%	0.139%
66	14.533	2113	2116	2118	rBV	26813	28224	1.82%	0.160%
67	14.763	2152	2155	2160	rVV3	41740	50305	3.24%	0.286%
68	14.827	2164	2166	2169	rVB3	21035	20284	1.31%	0.115%
69	15.063	2201	2206	2213	rBV	205221	388413	25.01%	2.205%
70	15.115	2213	2215	2221	rVV5	30407	50989	3.28%	0.289%
71	15.168	2221	2224	2227	rVV	35148	39133	2.52%	0.222%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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72	15.210	2227	2231	2237	rVB3	22602	32090	2.07%	0.182%
73	15.363	2253	2257	2263	rVB	99927	130276	8.39%	0.740%
74	15.427	2264	2268	2273	rVB	139852	173094	11.15%	0.983%
75	15.492	2274	2279	2283	rBV	333387	416080	26.79%	2.362%
76	15.933	2349	2354	2358	rVB4	18985	35394	2.28%	0.201%
77	16.104	2379	2383	2389	rVB8	24354	43276	2.79%	0.246%
78	16.186	2392	2397	2399	rBV5	14432	25838	1.66%	0.147%
79	16.962	2524	2529	2538	rVB2	50811	93553	6.02%	0.531%
80	17.133	2554	2558	2564	rBV5	12688	25915	1.67%	0.147%
81	17.198	2566	2569	2574	rVB3	11997	20806	1.34%	0.118%
82	17.409	2600	2605	2616	rVB	37525	78884	5.08%	0.448%
83	17.551	2620	2629	2635	rBV	30405	89560	5.77%	0.508%
84	18.562	2795	2801	2812	rVB	15989	46663	3.00%	0.265%

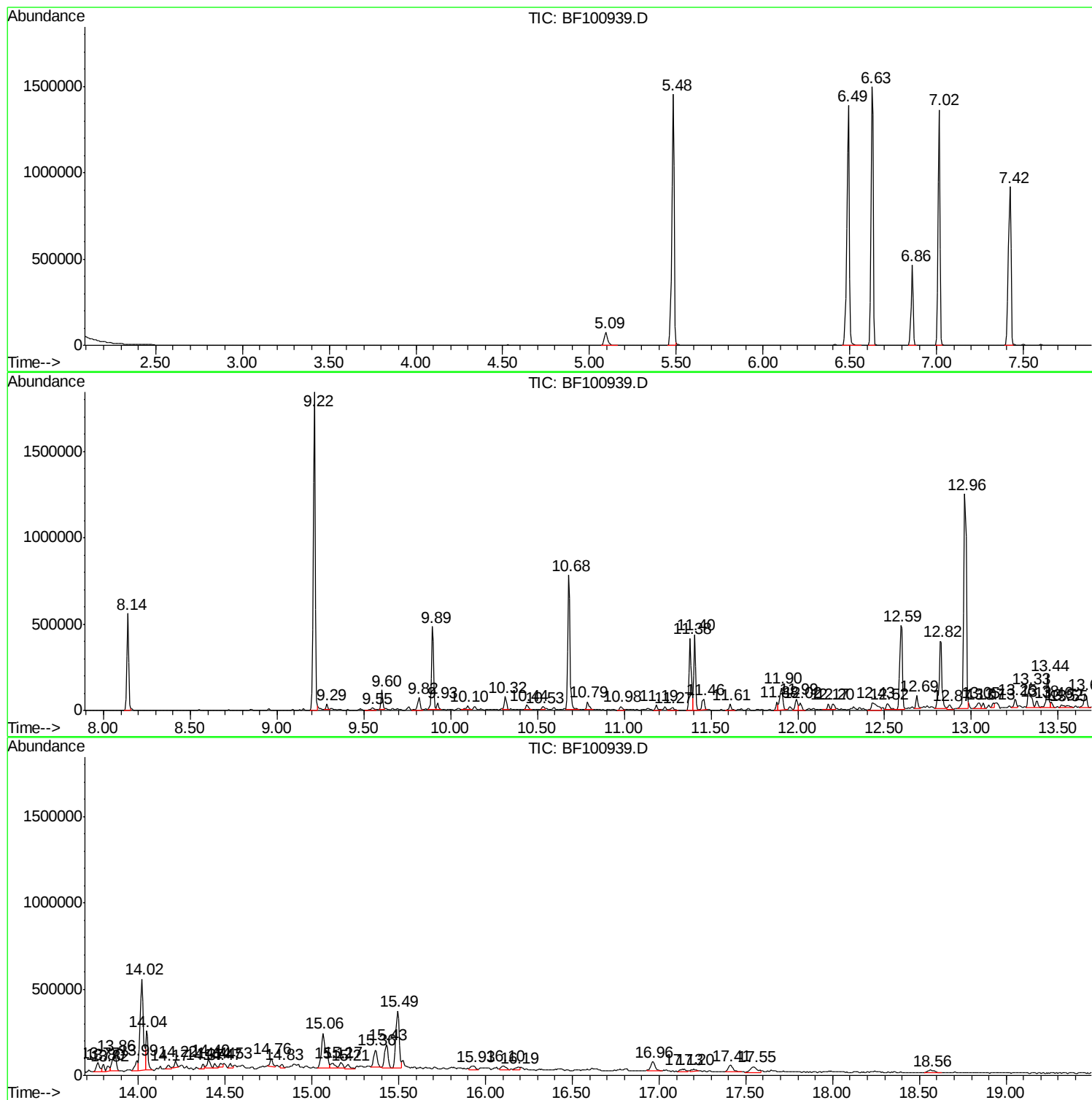
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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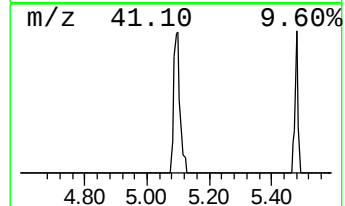
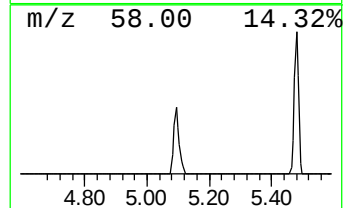
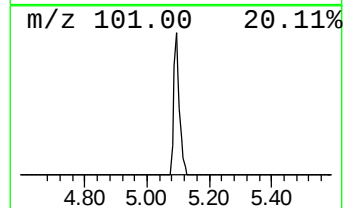
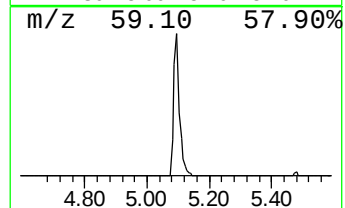
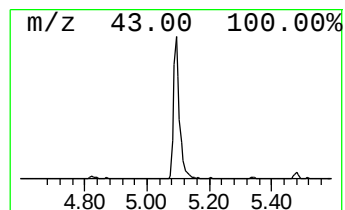
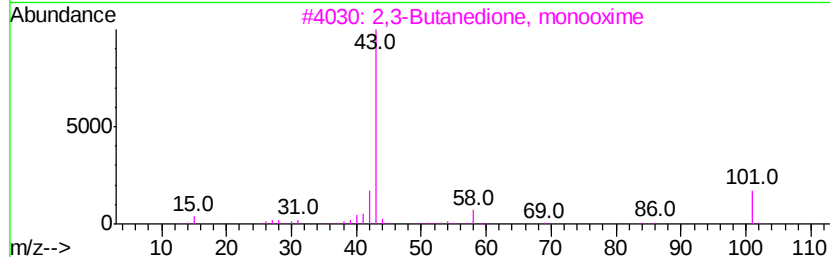
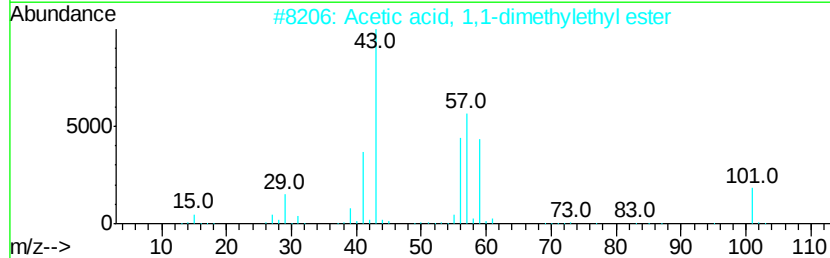
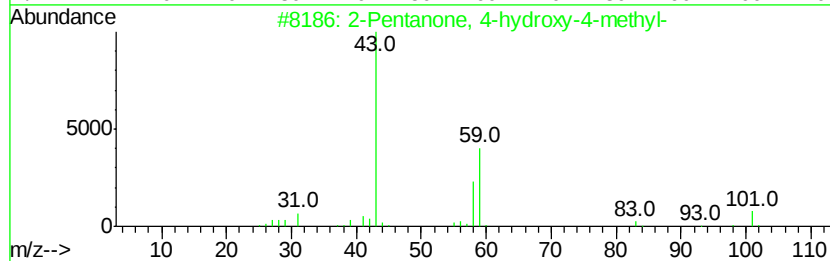
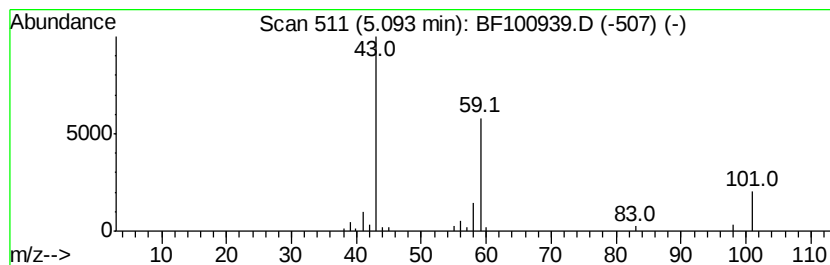
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.36 ng	97496	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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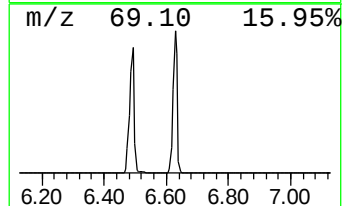
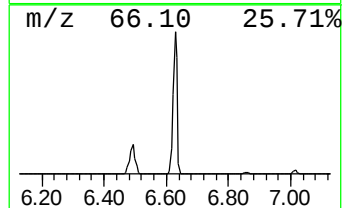
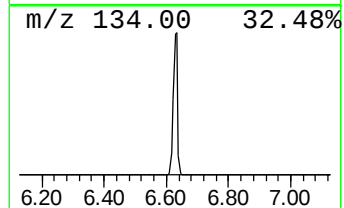
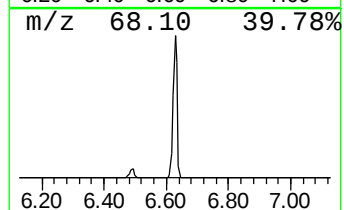
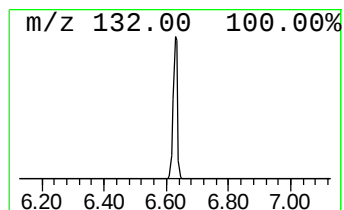
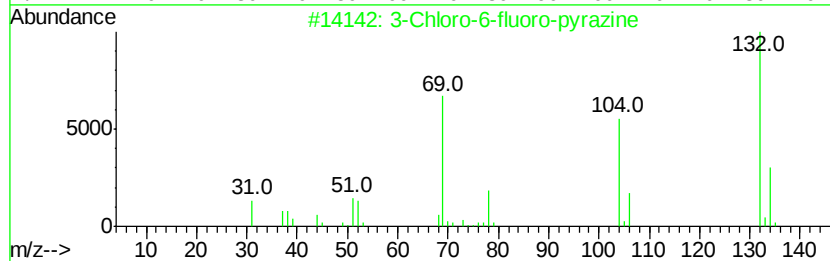
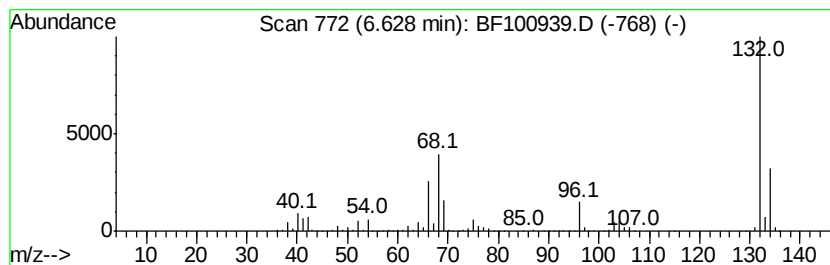
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	79.90 ng	1452170	1,4-Dichlorobenzene-d4	6.86

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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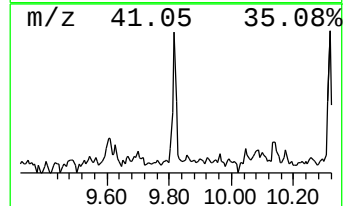
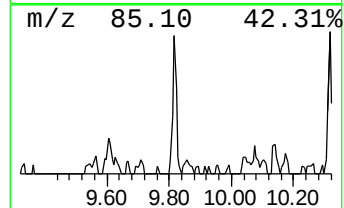
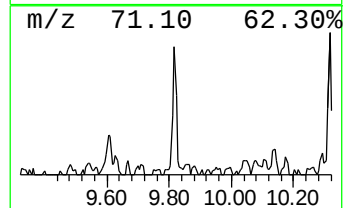
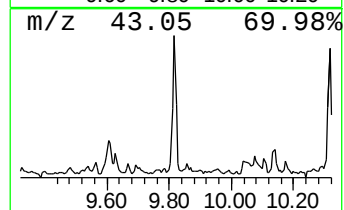
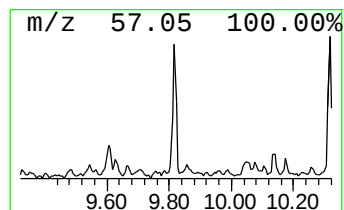
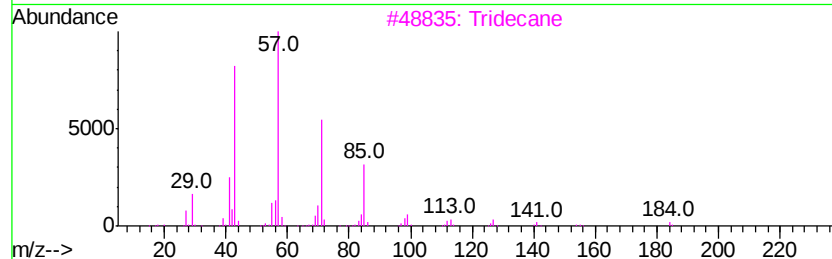
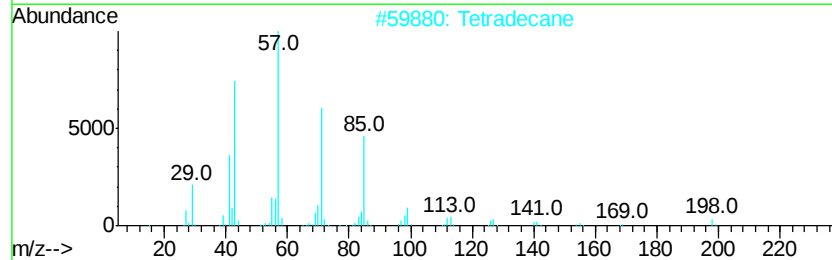
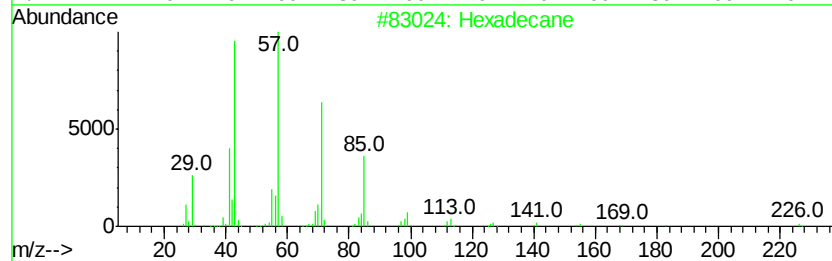
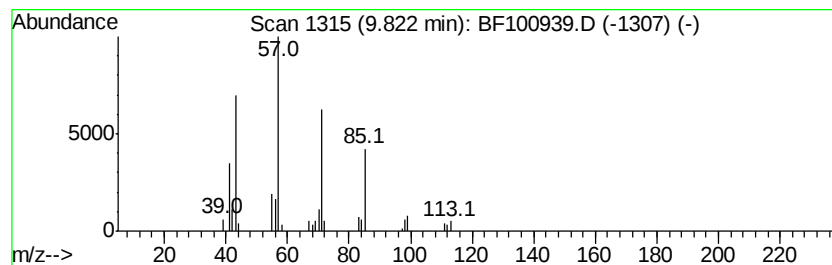
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.73 ng	58757	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Tetradecane	198 C14H30	000629-59-4	90
3	Tridecane	184 C13H28	000629-50-5	90
4	Pentadecane	212 C15H32	000629-62-9	83
5	Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4	78



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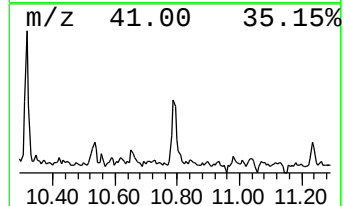
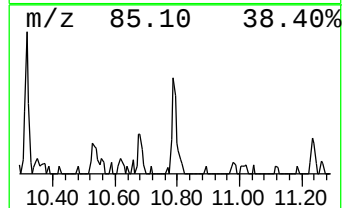
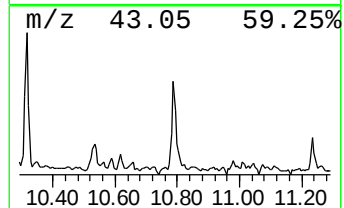
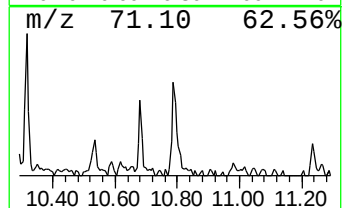
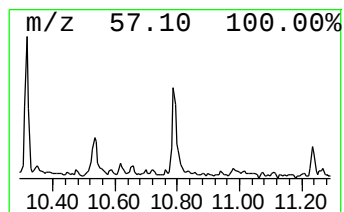
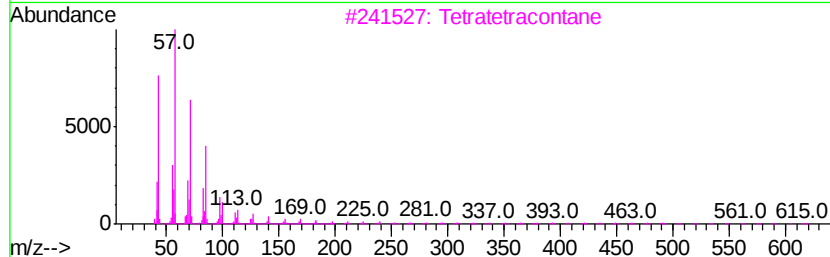
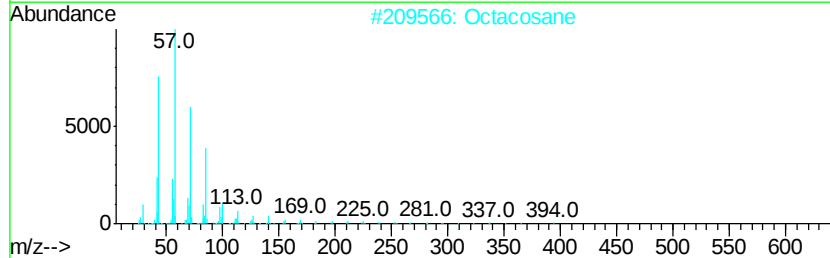
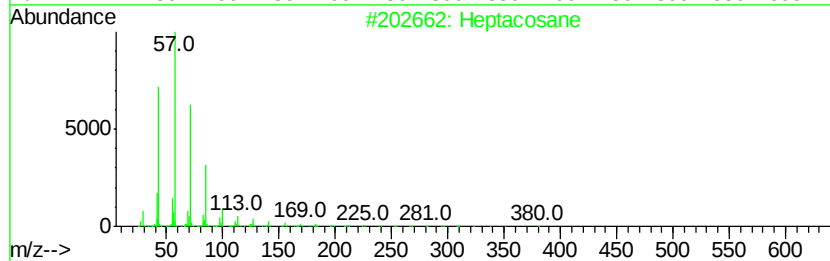
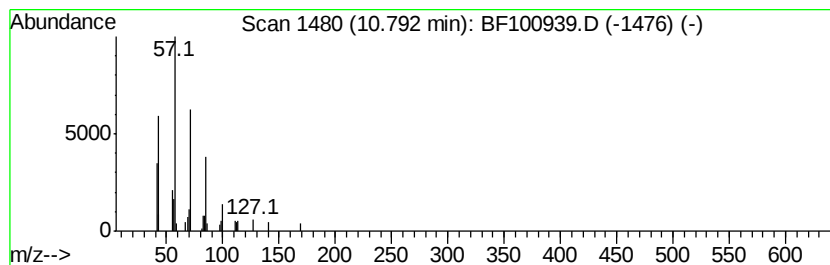
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SB-5(10-12)-20171127

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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 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.92 ng	51214	Phenanthrene-d10	11.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	83
2	Octacosane	394 C28H58	000630-02-4	83
3	Tetratetracontane	619 C44H90	007098-22-8	78
4	Eicosane	282 C20H42	000112-95-8	78
5	Pentadecane	212 C15H32	000629-62-9	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
Sample : I6610-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(10-12)-20171127

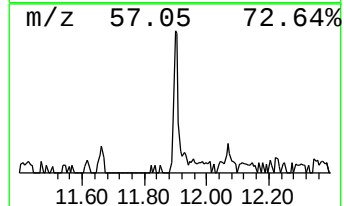
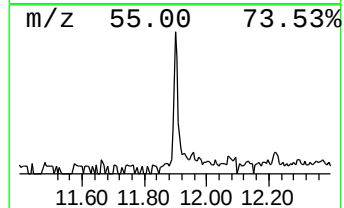
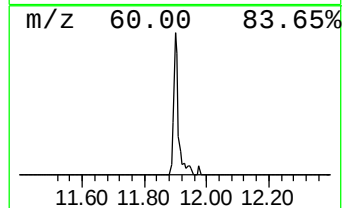
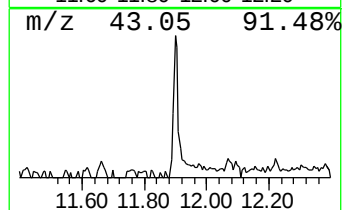
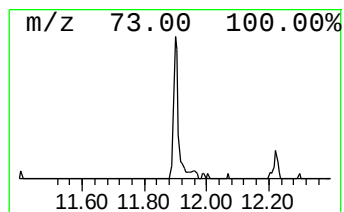
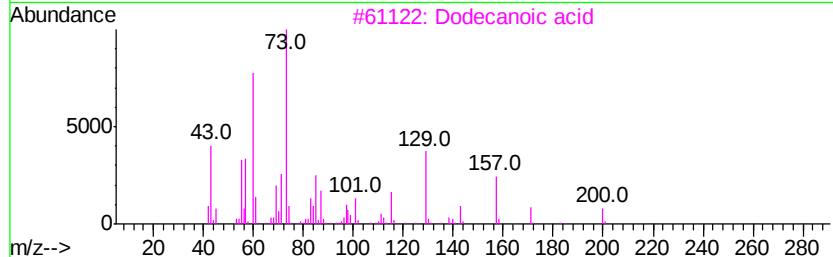
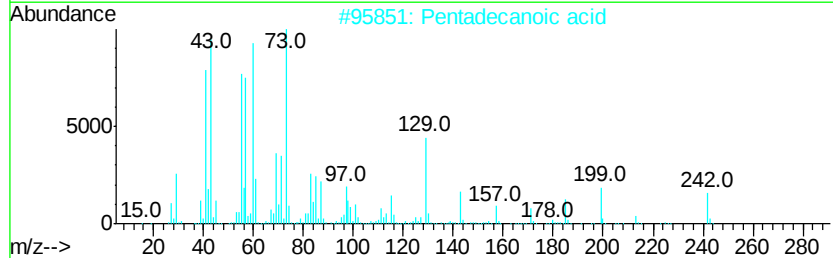
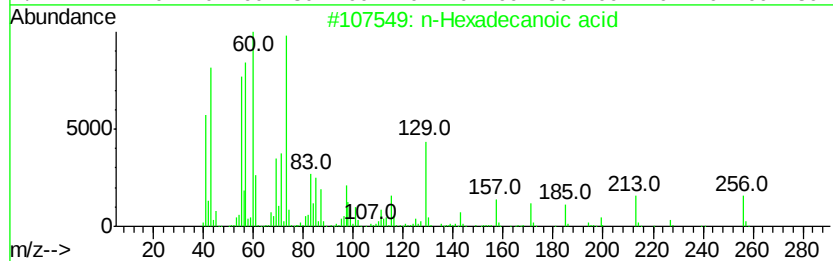
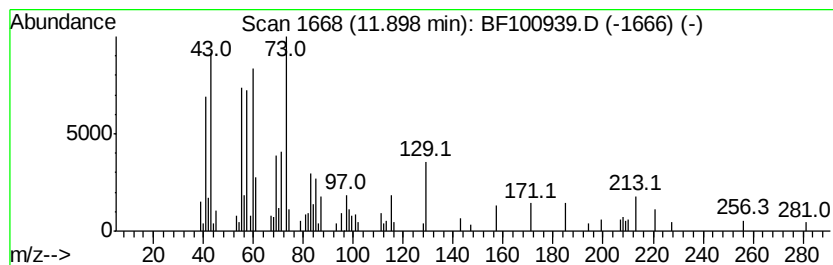
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.19 ng	143878	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3		Dodecanoic acid	200	C12H24O2	000143-07-7	49
4		Tridecanoic acid	214	C13H26O2	000638-53-9	49
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
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ClientSampleId :
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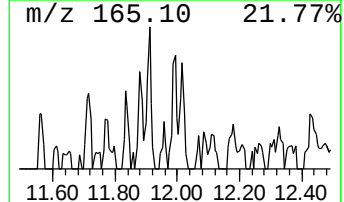
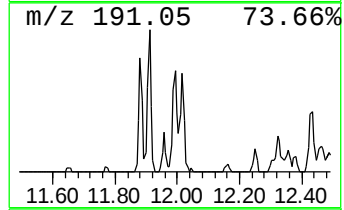
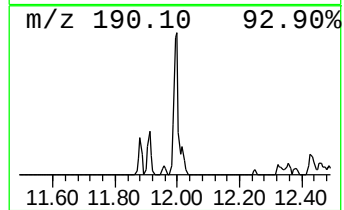
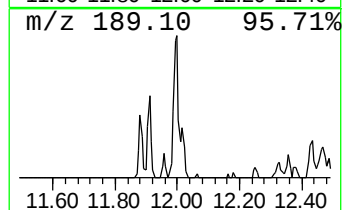
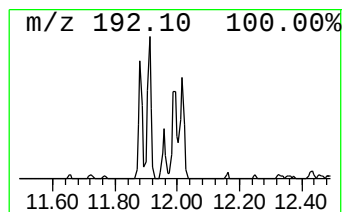
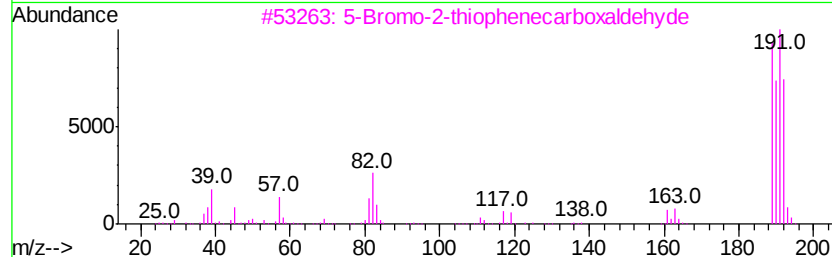
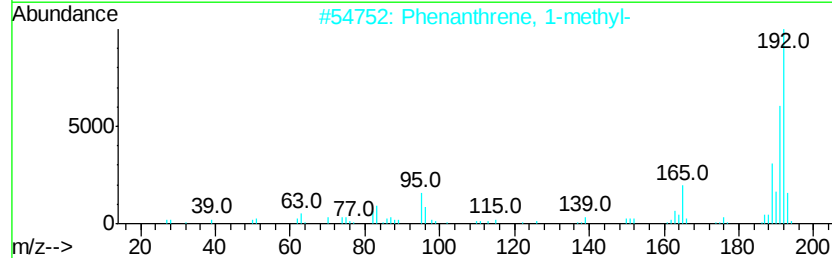
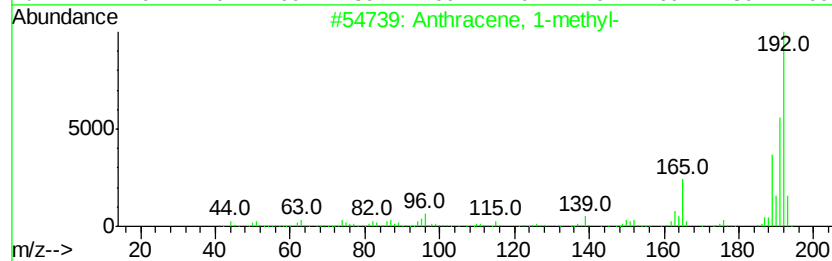
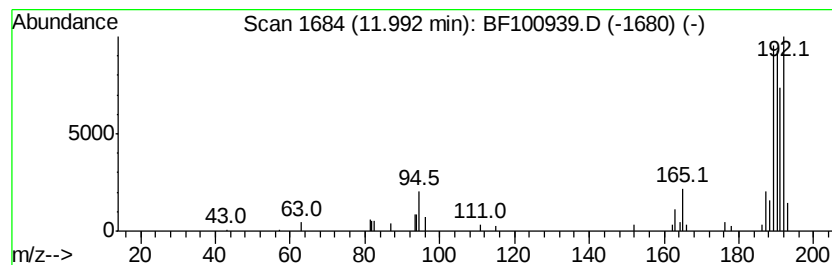
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.98 ng	69836	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
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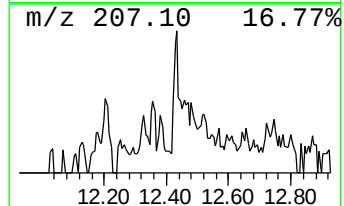
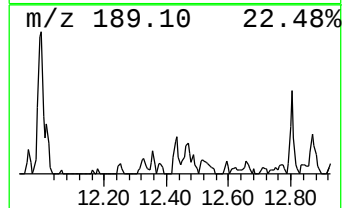
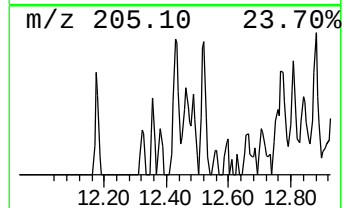
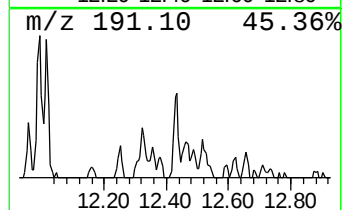
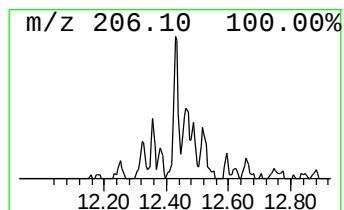
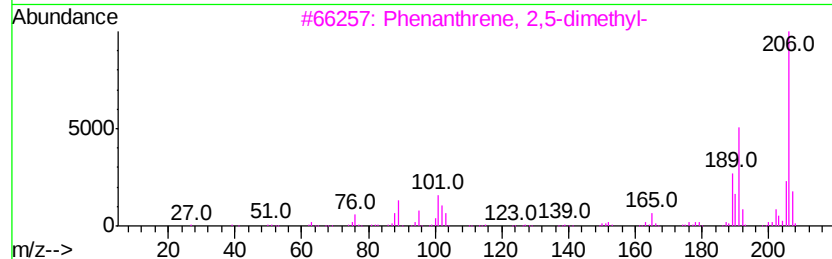
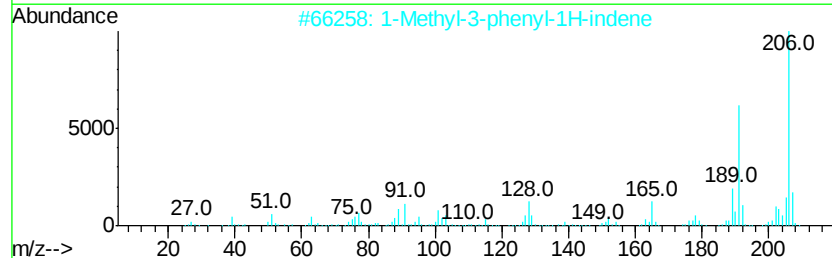
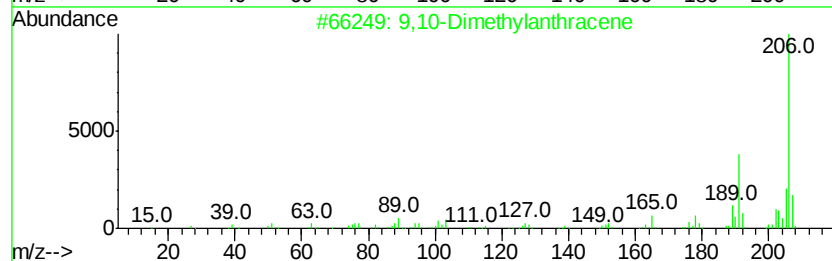
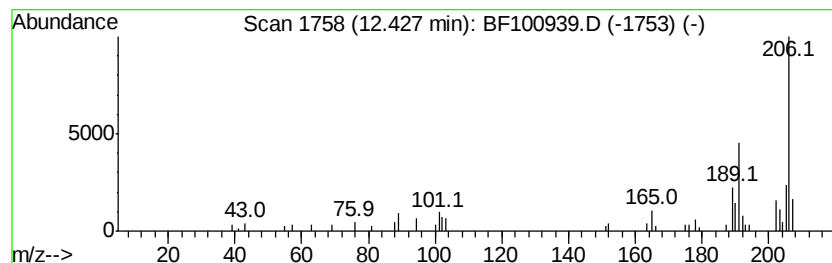
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.04 ng	106144	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
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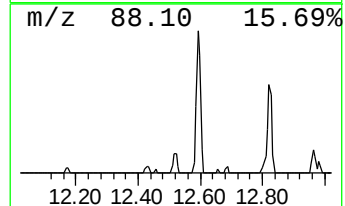
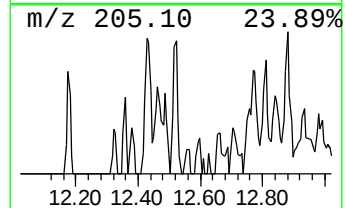
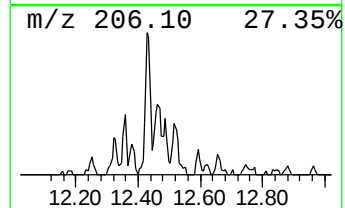
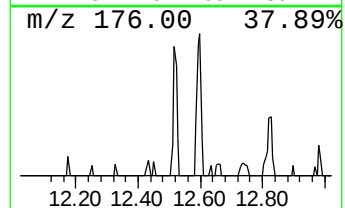
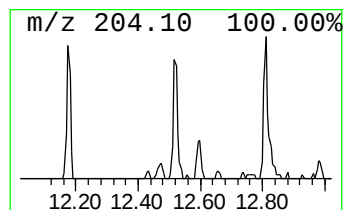
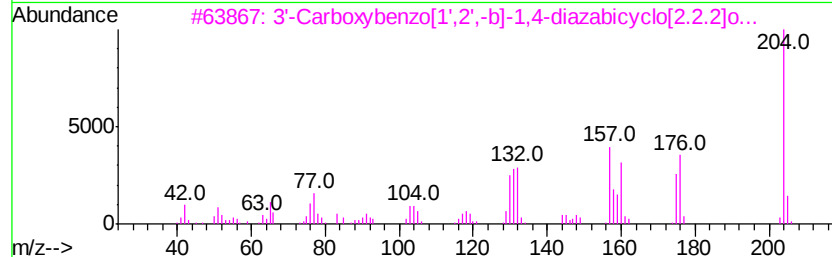
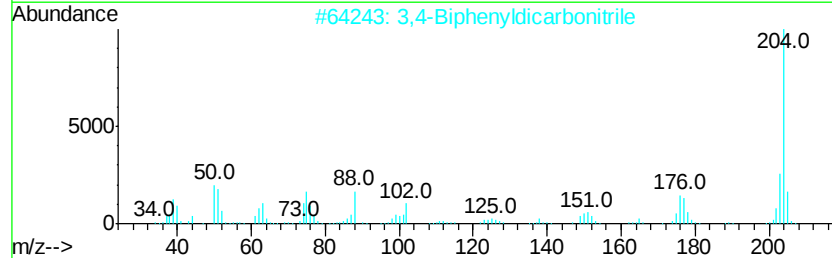
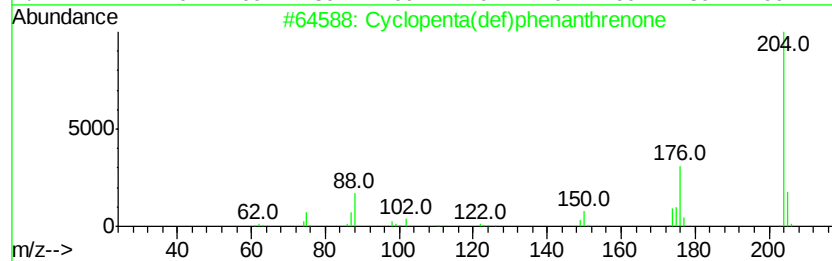
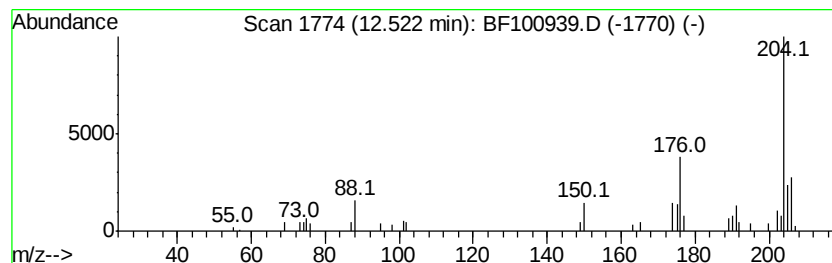
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.24 ng	39321	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
3		3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	40
4		Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
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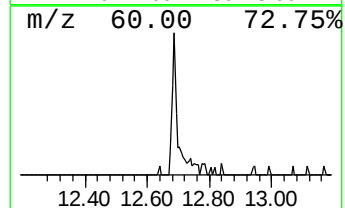
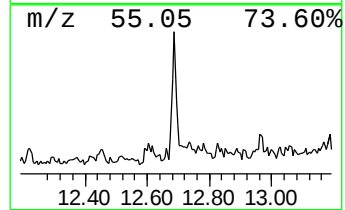
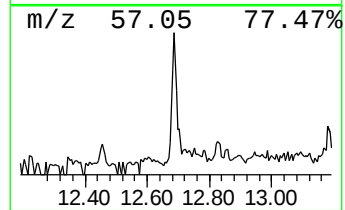
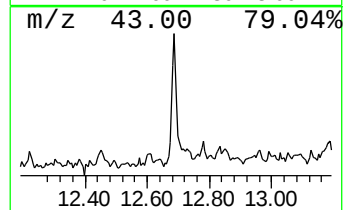
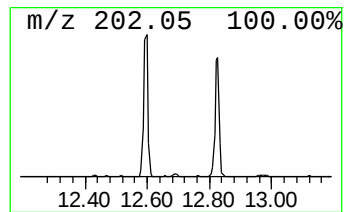
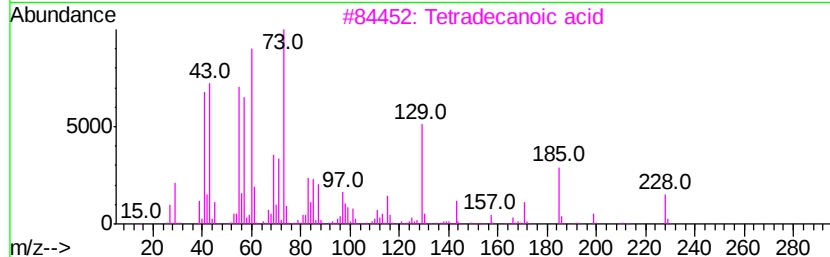
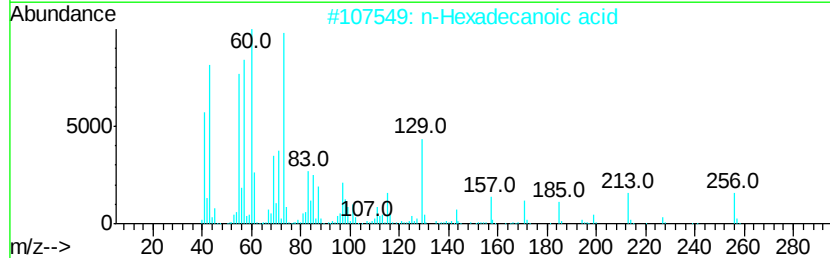
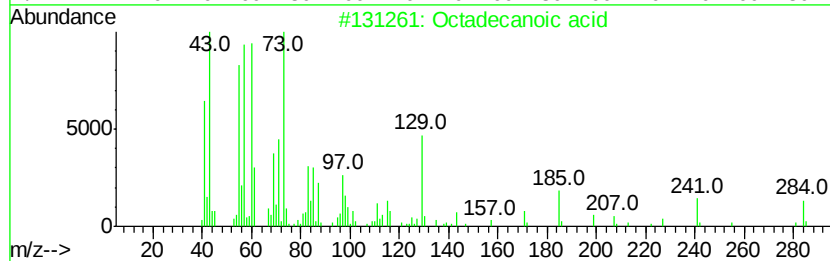
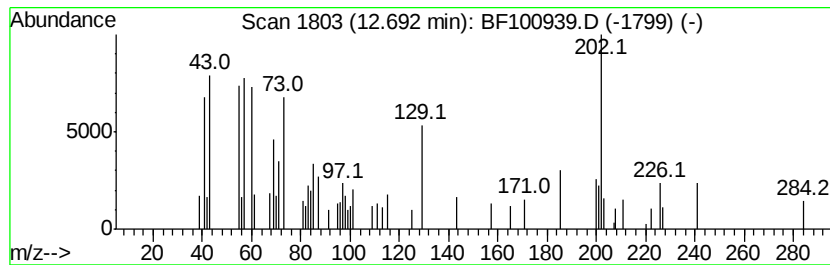
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.75 ng	65872	Phenanthrene-d10	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4			Dodecanoic acid	200	C12H24O2	000143-07-7	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
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ALS Vial : 18 Sample Multiplier: 1

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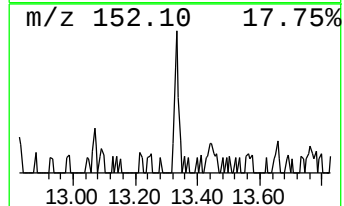
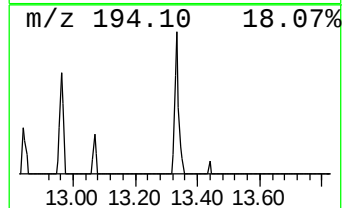
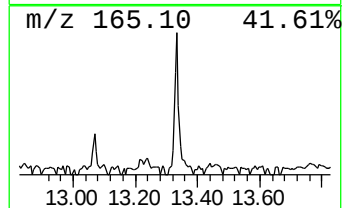
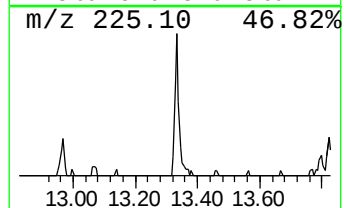
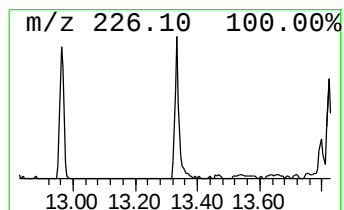
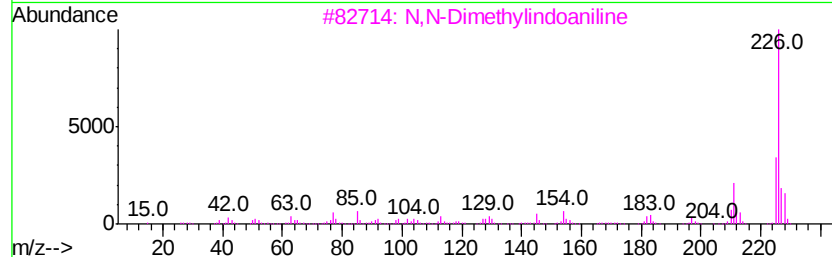
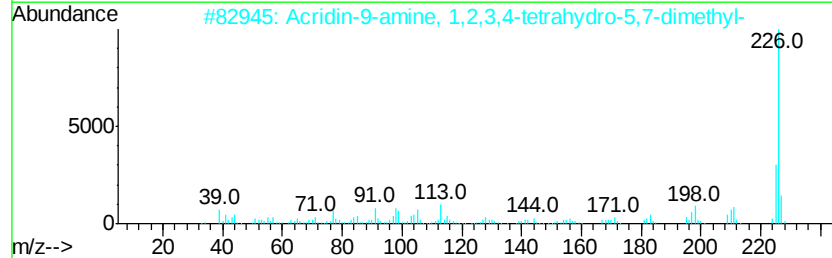
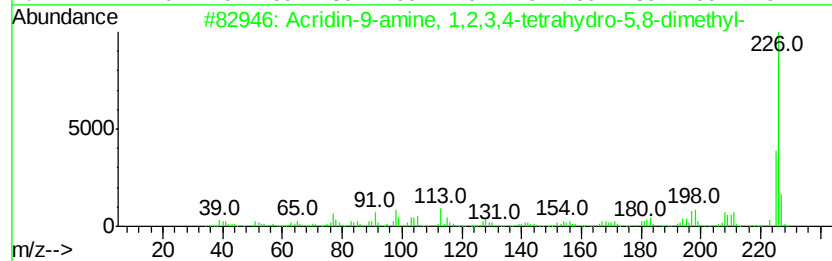
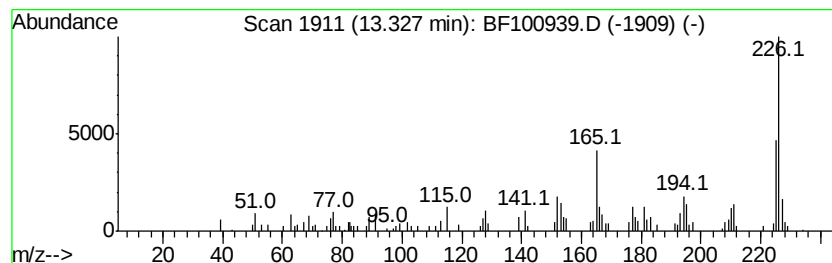
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.70 ng	132016	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	76
2		Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	70
3		N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	52
4		9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	50
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

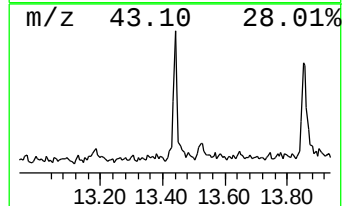
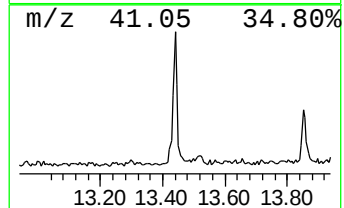
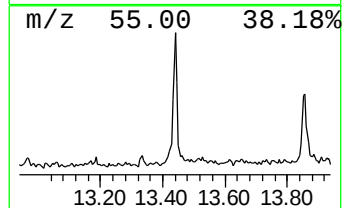
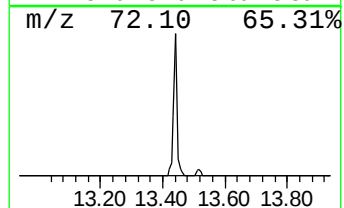
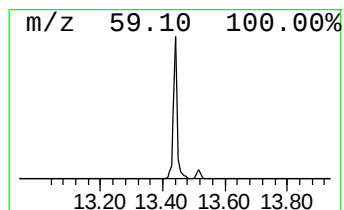
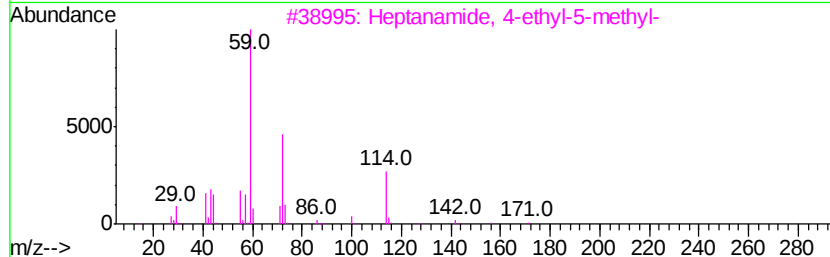
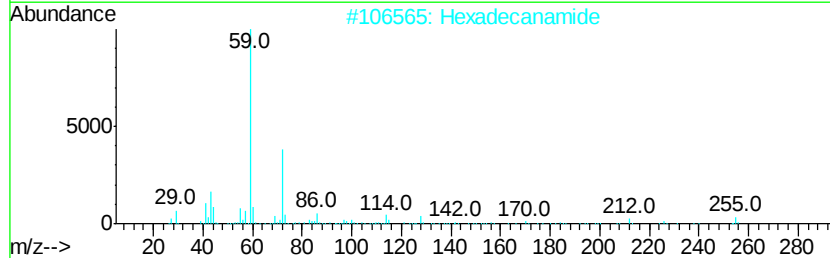
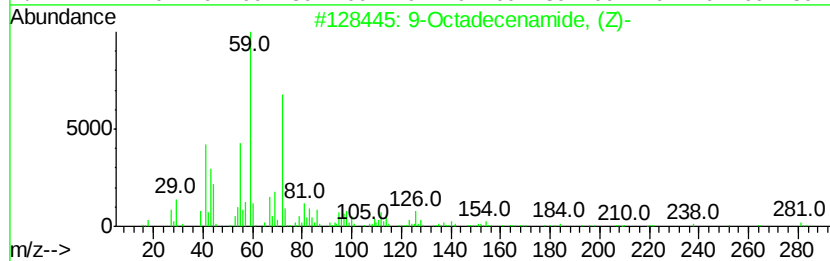
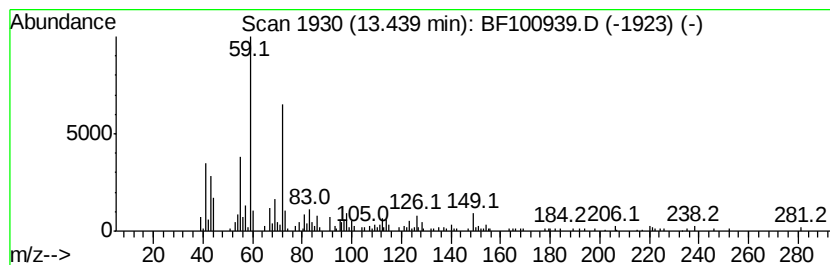
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SB-5(10-12)-20171127

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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 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.44	5.25 ng	187372	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
5	Dodecanamide	199	C12H25NO	001120-16-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
Sample : I6610-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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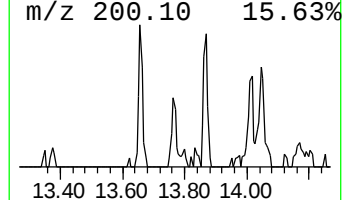
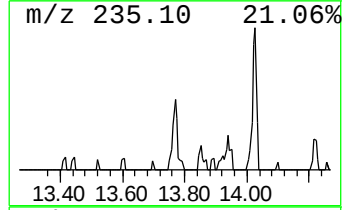
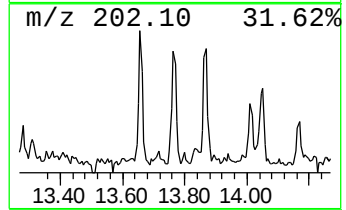
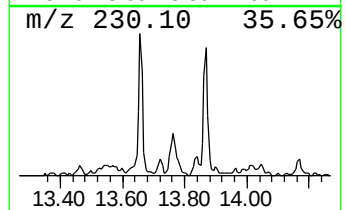
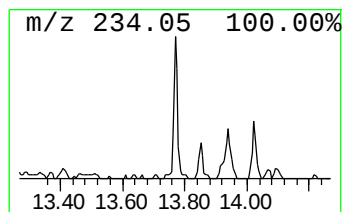
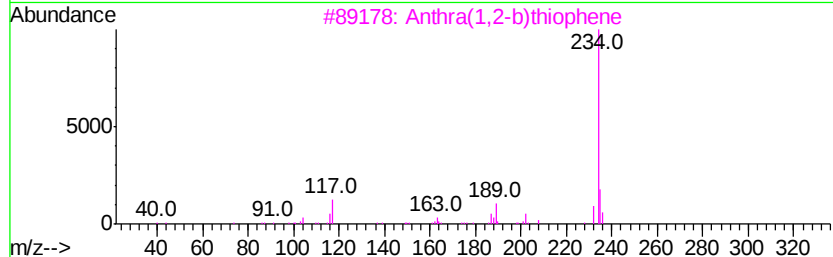
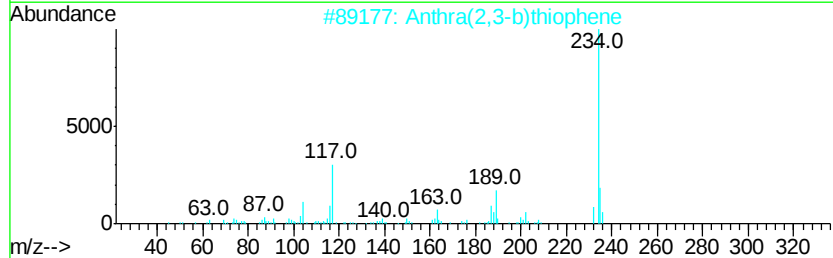
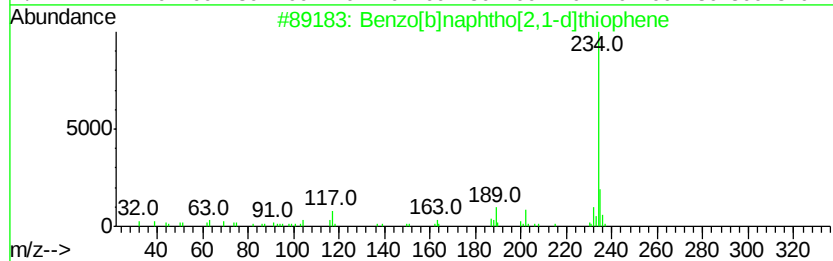
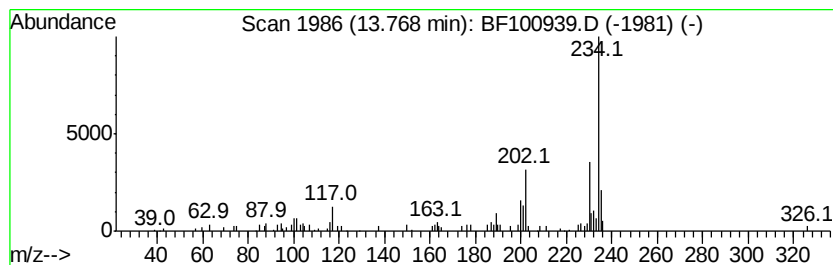
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.24 ng	80022	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
3		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	64
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
5		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64



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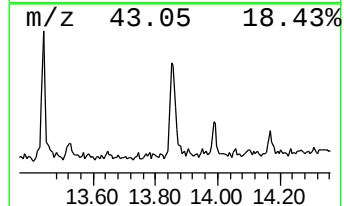
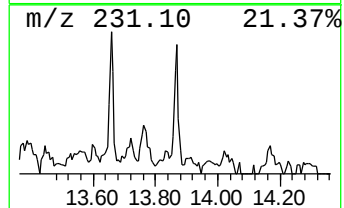
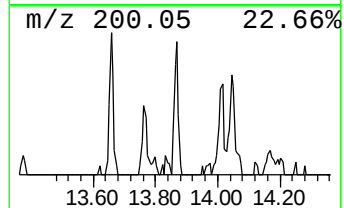
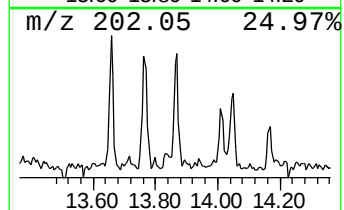
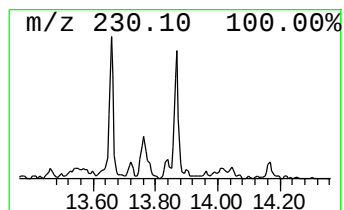
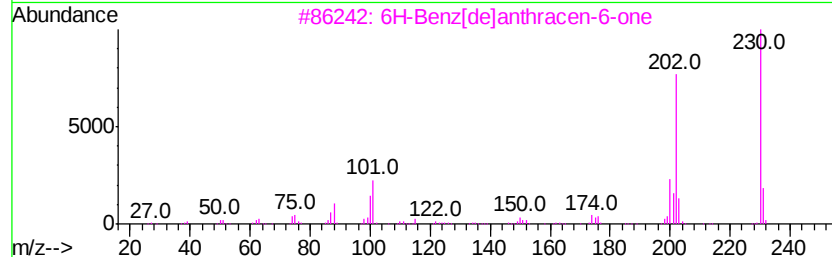
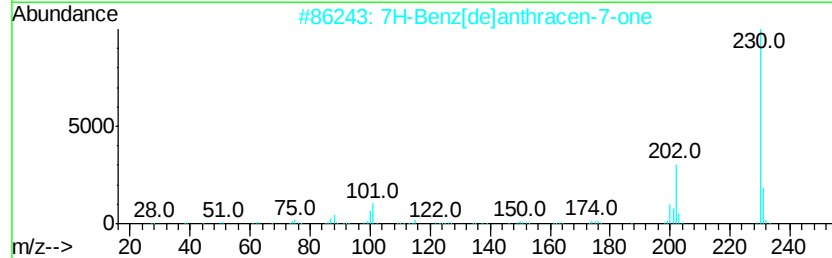
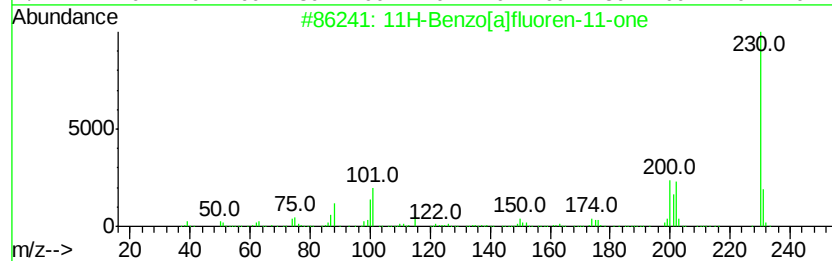
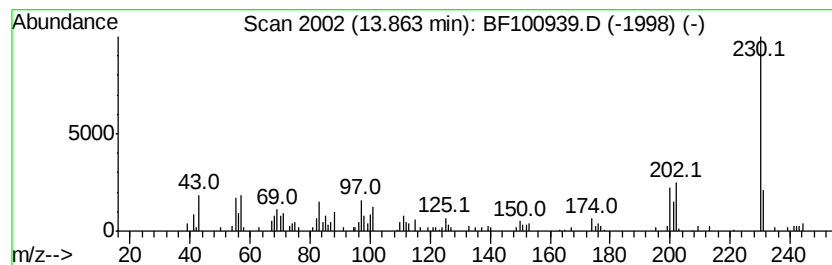
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.86	4.22 ng	150588	Chrysene-d12		14.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4		Dibenzo[c,h][2,6]naphthvyridine	230	C16H10N2	000218-30-4	59
5		2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
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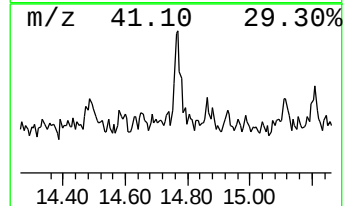
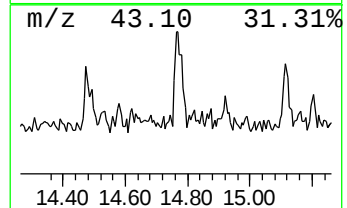
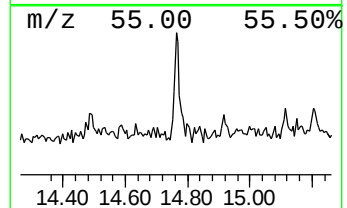
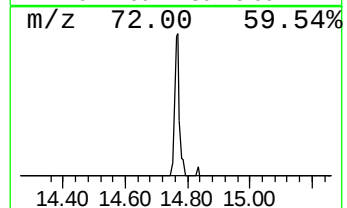
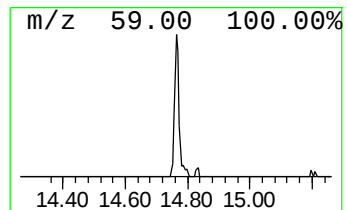
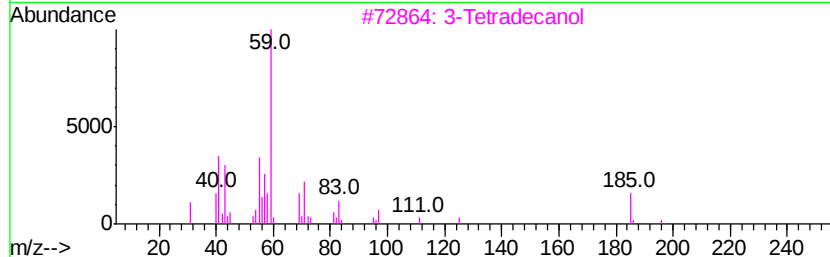
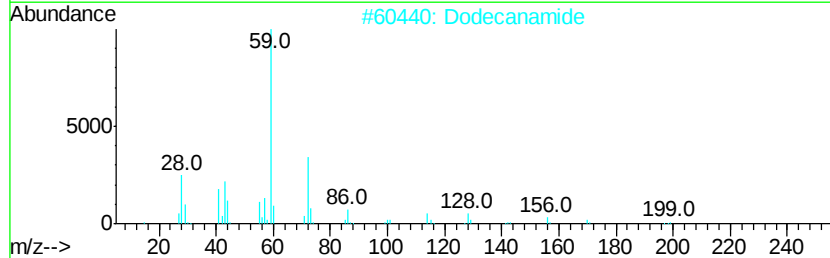
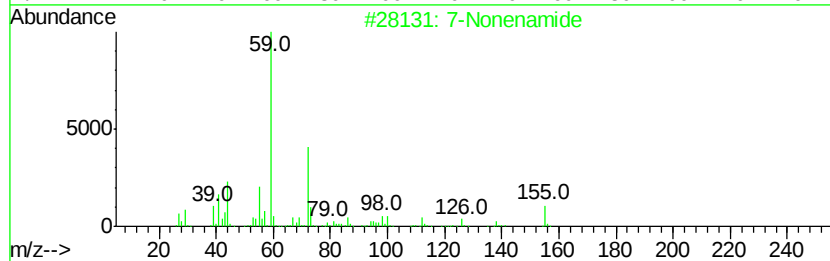
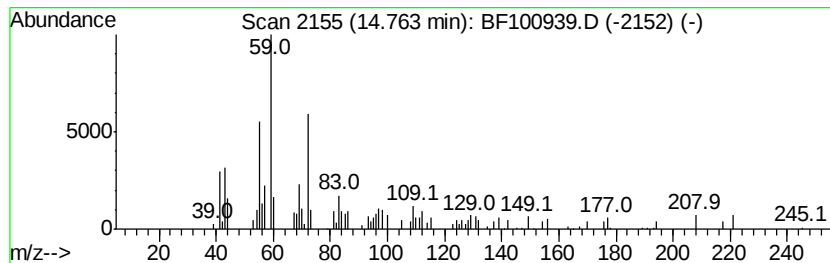
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 7-Nonenamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.42 ng	50305	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Nonenamide	155	C9H17NO	090949-53-4	50
2			Dodecanamide	199	C12H25NO	001120-16-7	42
3			3-Tetradecanol	214	C14H30O	001653-32-3	38
4			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	37
5			2,2-Dimethyl-hexahydro-benzo[1,3...	184	C10H16O3	1000187-24-1	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
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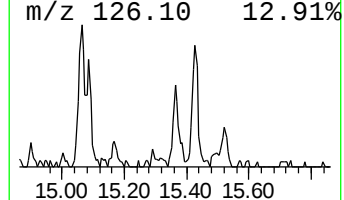
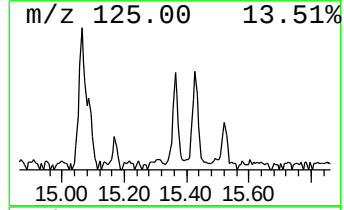
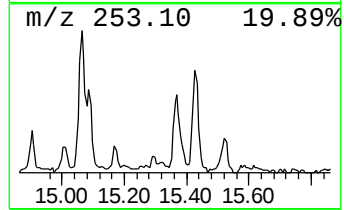
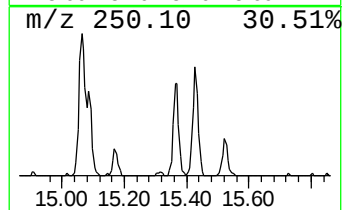
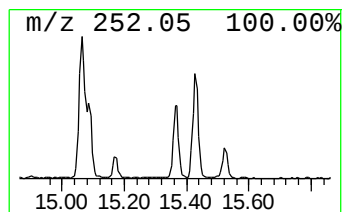
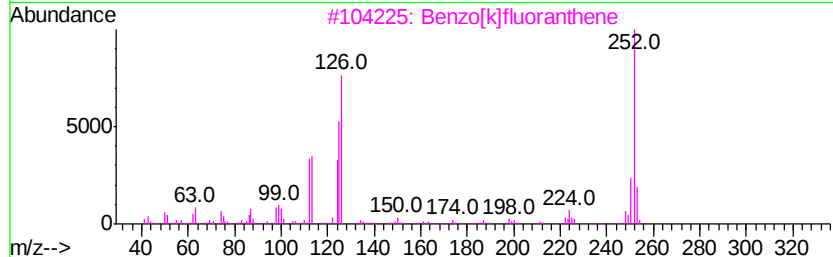
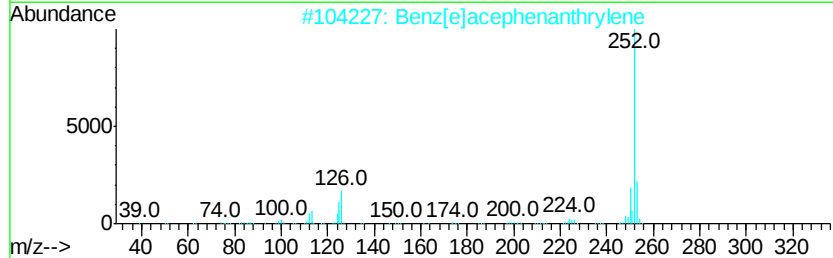
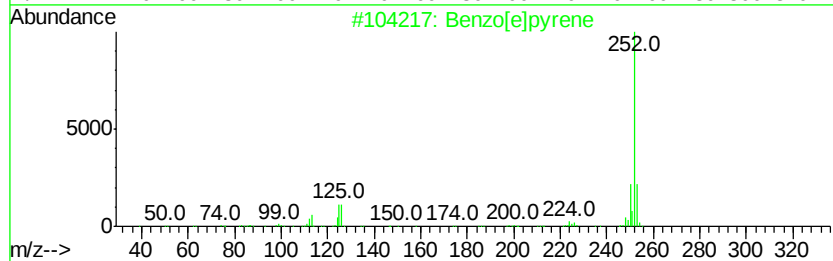
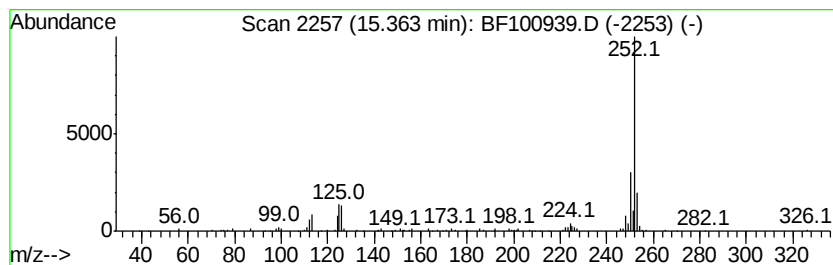
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	6.26 ng	130276	Perylene-d12	15.49

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[k]fluoranthene	252	C20H12	000207-08-9	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
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ALS Vial : 18 Sample Multiplier: 1

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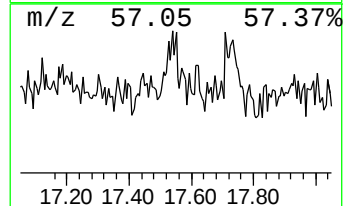
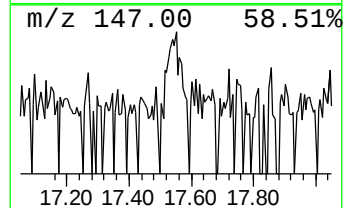
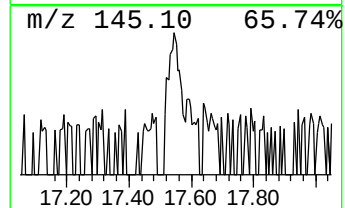
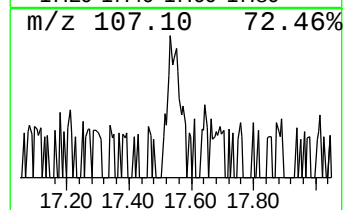
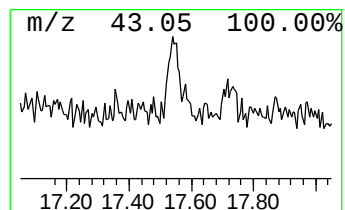
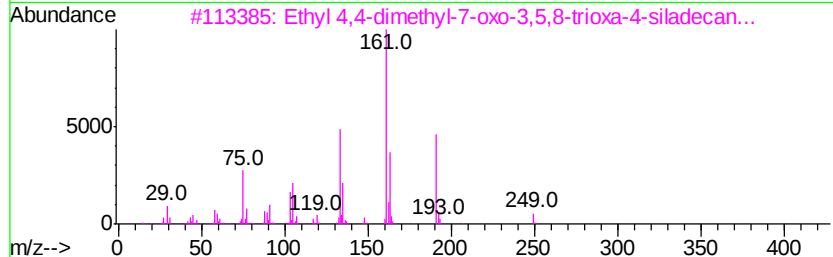
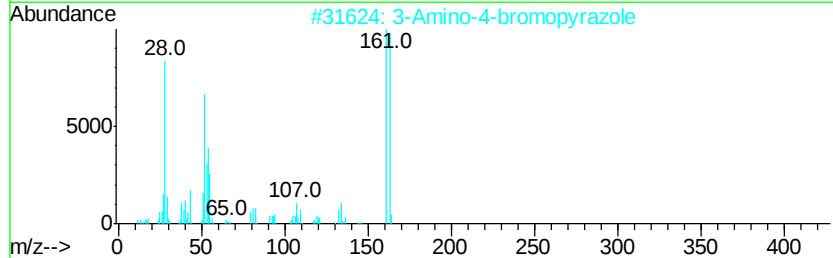
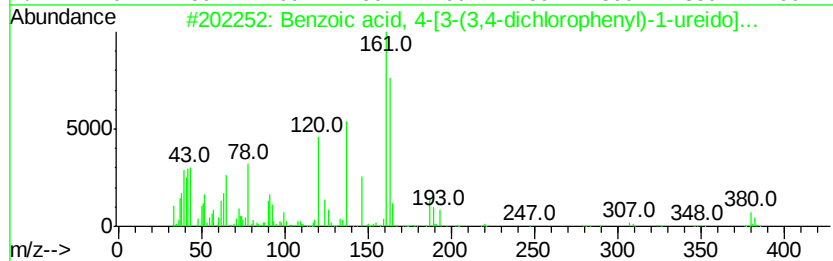
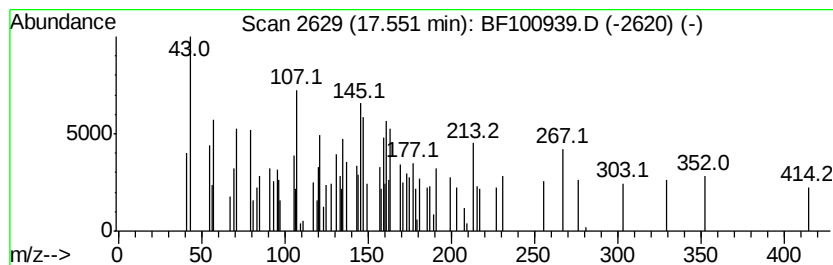
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.55 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	4.30 ng	89560	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 4-[3-(3,4-dichloro...	380	C18H18Cl2N2O3	330577-43-0	10
2		3-Amino-4-bromopyrazole	161	C3H4BrN3	016461-94-2	9
3		Ethyl 4,4-dimethyl-7-oxo-3,5,8-t...	264	C10H20O6Si	1000376-01-1	9
4		O-2-Propynyl N-n-octylphthalamate	315	C19H25NO3	299201-17-5	9
5		3-Trimethylstannyl-cyclopentanone	248	C8H16OSn	013905-40-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
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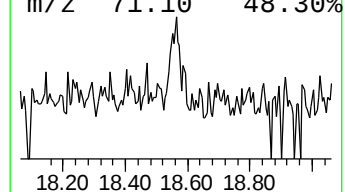
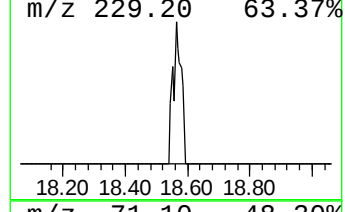
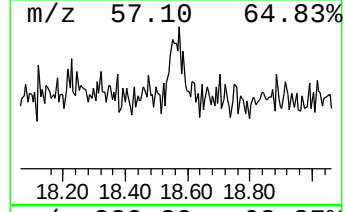
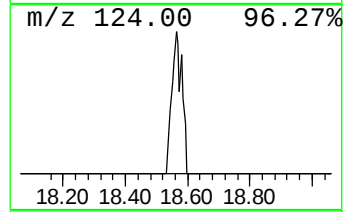
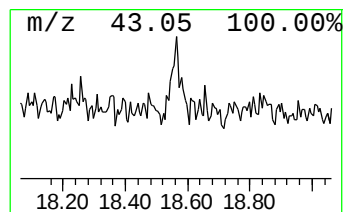
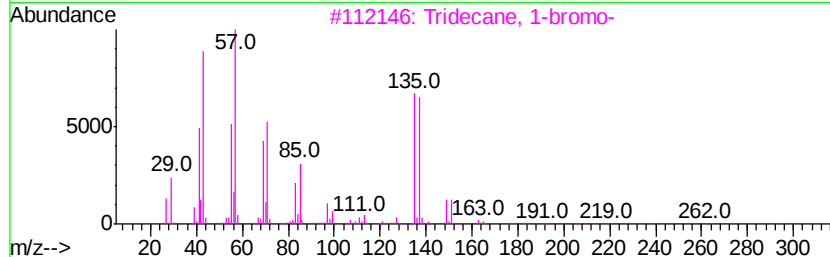
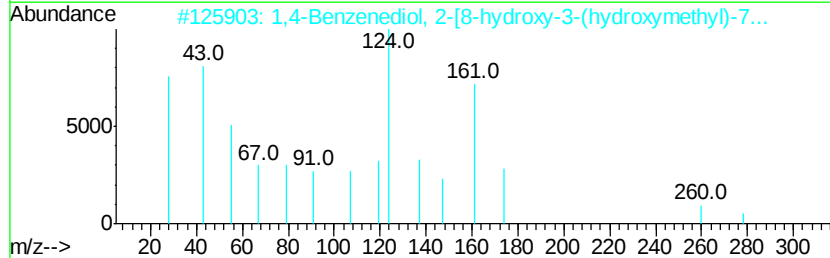
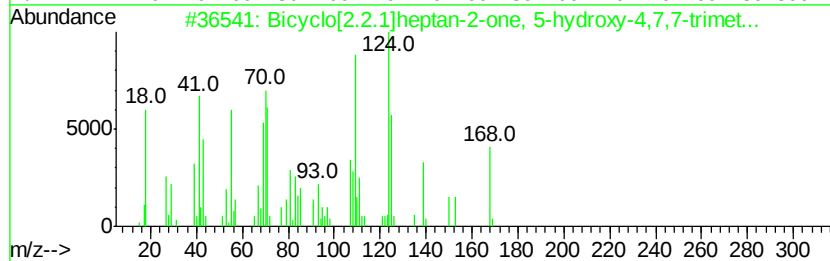
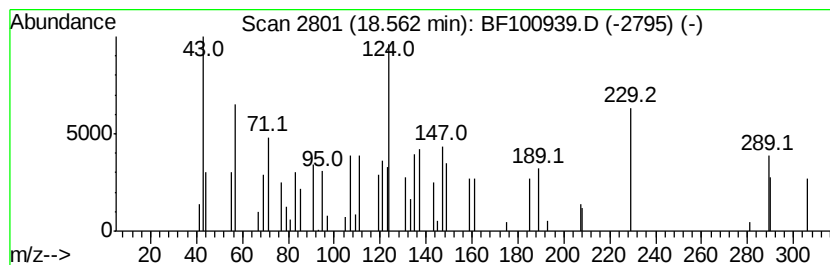
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.56 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.24 ng	46663	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 5-hydroxy-4,7,7-trimethyl-	168	C10H16O2	059169-18-5	12
2		1,4-Benzenediol, 2-[8-hydroxy-3-(hydroxymethyl)-7-methoxy-2-naphthyl]-	278	C16H22O4	077828-64-9	12
3		Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	10
4		1H-1,2,3-Triazol-1-amine, N-[4-(2-bromo-2-methylpropyl)-1-pyridyl]-	234	C11H11ClN4	113261-29-3	10
5		Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112817\
 Data File : BF100939.D
 Acq On : 28 Nov 2017 17:39
 Operator : SJ/JU
 Sample : I6610-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(10-12)-20171127

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.09	5.4 ng		97496	1	6.86	363492	20.0
unknown6.63	6.63	79.9 ng		1452170	1	6.86	363492	20.0
Hexadecane	9.82	2.7 ng		58757	3	9.89	429878	20.0
Heptacosane	10.79	2.9 ng		51214	4	11.38	351283	20.0
n-Hexadecanoic acid	11.90	8.2 ng		143878	4	11.38	351283	20.0
Anthracene, 1-met...	11.99	4.0 ng		69836	4	11.38	351283	20.0
9,10-Dimethylanth...	12.43	6.0 ng		106144	4	11.38	351283	20.0
Cyclopenta(def)ph...	12.52	2.2 ng		39321	4	11.38	351283	20.0
Octadecanoic acid	12.69	3.8 ng		65872	4	11.38	351283	20.0
Acridin-9-amine, ...	13.33	3.7 ng		132016	5	14.02	713145	20.0
9-Octadecenamide, ...	13.44	5.3 ng		187372	5	14.02	713145	20.0
Benzo[b]naphtho[2...	13.77	2.2 ng		80022	5	14.02	713145	20.0
11H-Benzo[a]fluor...	13.86	4.2 ng		150588	5	14.02	713145	20.0
7-Nonenamide	14.76	2.4 ng		50305	6	15.49	416080	20.0
Benzo[e]pyrene	15.36	6.3 ng		130276	6	15.49	416080	20.0
unknown17.55	17.55	4.3 ng		89560	6	15.49	416080	20.0
unknown18.56	18.56	2.2 ng		46663	6	15.49	416080	20.0