

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
 Data File : BF097489.D
 Acq On : 9 Aug 2017 00:55
 Operator : SJ/JU
 Sample : I4657-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-080717-C

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-BF072517.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	3.016	202	209	220	rBV	116866	238087	10.56%	0.977%
2	4.534	464	467	482	rBV	101197	200818	8.91%	0.824%
3	4.998	543	546	568	rBV	1679453	2211219	98.11%	9.078%
4	6.081	726	730	743	rBV	1913103	2253876	100.00%	9.253%
5	6.181	743	747	756	rVB	2148231	2165492	96.08%	8.890%
6	6.404	782	785	798	rVB	728686	652039	28.93%	2.677%
7	6.557	808	811	826	rBV	1258916	1289575	57.22%	5.294%
8	6.981	879	883	900	rBV	1109421	1191509	52.86%	4.892%
9	7.687	1000	1003	1012	rBV	893126	795878	35.31%	3.267%
10	8.404	1123	1125	1134	rVB	37547	41087	1.82%	0.169%
11	8.498	1138	1141	1146	rBV	48997	48665	2.16%	0.200%
12	8.769	1183	1187	1190	rBV	1681772	1597386	70.87%	6.558%
13	9.034	1228	1232	1235	rBV3	27887	39031	1.73%	0.160%
14	9.098	1240	1243	1246	rBV	64371	68571	3.04%	0.282%
15	9.128	1246	1248	1252	rVV2	40076	43489	1.93%	0.179%
16	9.169	1252	1255	1260	rVV	446707	374824	16.63%	1.539%
17	9.216	1260	1263	1270	rVB	35443	49904	2.21%	0.205%
18	9.292	1273	1276	1282	rBV	85261	89922	3.99%	0.369%
19	9.433	1296	1300	1303	rBV	803760	778388	34.54%	3.196%
20	9.463	1303	1305	1310	rVB	83639	74242	3.29%	0.305%
21	9.545	1315	1319	1324	rBV3	21737	26833	1.19%	0.110%
22	9.639	1329	1335	1339	rBV	53832	62206	2.76%	0.255%
23	9.681	1339	1342	1345	rBV2	36300	30013	1.33%	0.123%
24	9.751	1351	1354	1358	rBV2	46499	50713	2.25%	0.208%
25	9.886	1375	1377	1381	rVB	56439	44058	1.95%	0.181%
26	9.975	1389	1392	1399	rBV	97320	108207	4.80%	0.444%
27	10.104	1409	1414	1417	rBV3	35524	59749	2.65%	0.245%
28	10.222	1430	1434	1445	rVB	853822	880528	39.07%	3.615%
29	10.357	1453	1457	1463	rBV2	86910	115040	5.10%	0.472%
30	10.522	1481	1485	1488	rBV2	38349	56841	2.52%	0.233%
31	10.551	1488	1490	1493	rVV	53014	50957	2.26%	0.209%
32	10.604	1497	1499	1503	rVB2	30595	32204	1.43%	0.132%
33	10.804	1529	1533	1535	rVV	87570	85150	3.78%	0.350%
34	10.833	1535	1538	1542	rVB	26847	29102	1.29%	0.119%

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35	10.904	1547	1550	1552	rBV	688879	572377	25.40%	2.350%
36	10.928	1552	1554	1559	rVB	500458	409743	18.18%	1.682%
37	10.980	1560	1563	1567	rVB	156693	143990	6.39%	0.591%
38	11.028	1567	1571	1573	rBV2	35467	44822	1.99%	0.184%
39	11.151	1588	1592	1595	rBV2	41063	58660	2.60%	0.241%
40	11.233	1602	1606	1609	rBV3	51771	67888	3.01%	0.279%
41	11.322	1618	1621	1625	rVB	39774	49563	2.20%	0.203%
42	11.404	1632	1635	1638	rBV	147243	156525	6.94%	0.643%
43	11.433	1638	1640	1643	rVV	178152	153310	6.80%	0.629%
44	11.469	1643	1646	1647	rVV	171654	147328	6.54%	0.605%
45	11.516	1651	1654	1656	rVV	278488	302509	13.42%	1.242%
46	11.539	1656	1658	1664	rVB	133536	129922	5.76%	0.533%
47	11.639	1671	1675	1679	rBV3	33162	39810	1.77%	0.163%
48	11.698	1682	1685	1690	rBV	70968	83536	3.71%	0.343%
49	11.804	1696	1703	1705	rBV6	25003	57326	2.54%	0.235%
50	11.827	1705	1707	1709	rVV2	34717	33470	1.48%	0.137%
51	11.880	1713	1716	1719	rVV	57594	64593	2.87%	0.265%
52	11.910	1719	1721	1724	rVB	44454	33469	1.48%	0.137%
53	11.957	1725	1729	1731	rBV	159250	166094	7.37%	0.682%
54	11.986	1731	1734	1737	rVV2	80120	116467	5.17%	0.478%
55	12.045	1741	1744	1747	rVB2	57709	66210	2.94%	0.272%
56	12.110	1752	1755	1759	rBV	634553	582672	25.85%	2.392%
57	12.163	1761	1764	1765	rBV2	43232	41941	1.86%	0.172%
58	12.210	1770	1772	1776	rVB2	37130	31193	1.38%	0.128%
59	12.245	1776	1778	1784	rBV4	135494	184932	8.21%	0.759%
60	12.333	1788	1793	1796	rBV	644483	603097	26.76%	2.476%
61	12.363	1796	1798	1801	rVB2	37205	36040	1.60%	0.148%
62	12.404	1803	1805	1808	rVB2	61953	54570	2.42%	0.224%
63	12.457	1811	1814	1815	rBV3	38184	43974	1.95%	0.181%
64	12.486	1815	1819	1822	rBV	1040108	918602	40.76%	3.771%
65	12.557	1828	1831	1836	rBV4	64985	76252	3.38%	0.313%
66	12.669	1848	1850	1855	rVB	145820	131459	5.83%	0.540%
67	12.710	1855	1857	1858	rBV2	39156	29555	1.31%	0.121%
68	12.733	1858	1861	1863	rVB	113110	93353	4.14%	0.383%
69	12.769	1864	1867	1875	rVV	130719	188534	8.36%	0.774%
70	12.857	1880	1882	1885	rVB	89187	85206	3.78%	0.350%
71	12.892	1885	1888	1891	rBV	86414	90388	4.01%	0.371%

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72	13.333	1961	1963	1966	rBV	47721	58454	2.59%	0.240%
73	13.527	1992	1996	1999	rBV2	592004	759405	33.69%	3.118%
74	13.557	1999	2001	2005	rVB	220387	195472	8.67%	0.802%
75	13.633	2009	2014	2017	rBV4	99151	202649	8.99%	0.832%
76	14.527	2164	2166	2176	rVB	186742	325703	14.45%	1.337%
77	14.821	2214	2216	2220	rVB	145665	148851	6.60%	0.611%
78	14.874	2222	2225	2228	rVB	323901	331153	14.69%	1.360%
79	15.251	2285	2289	2292	rBV3	136736	260752	11.57%	1.070%
80	17.080	2598	2600	2601	rBV2	40672	27715	1.23%	0.114%
81	17.692	2702	2704	2705	rBV2	41193	36287	1.61%	0.149%
82	18.756	2883	2885	2887	rBV3	34069	43336	1.92%	0.178%
83	19.180	2954	2957	2958	rBV2	37297	43632	1.94%	0.179%

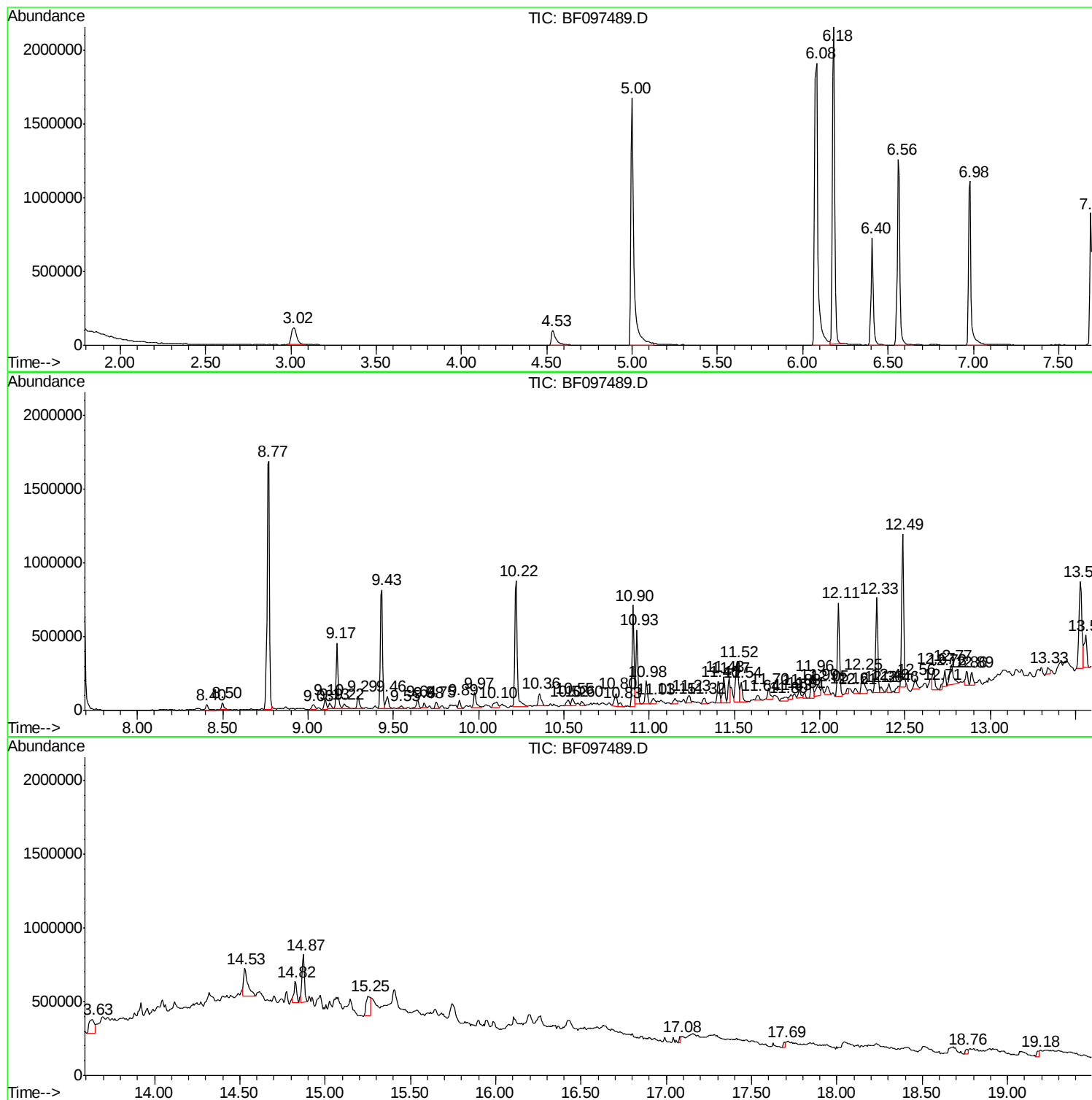
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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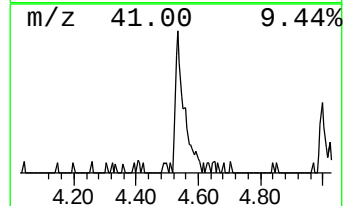
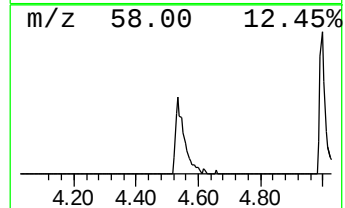
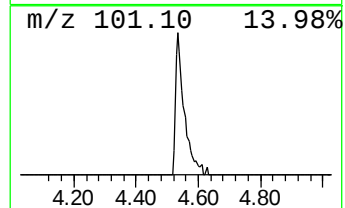
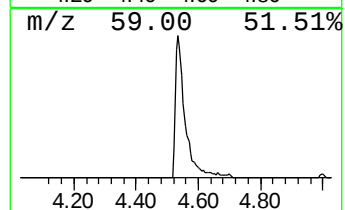
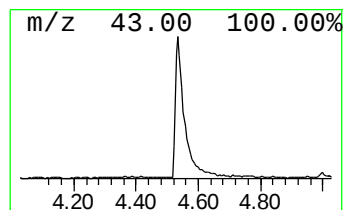
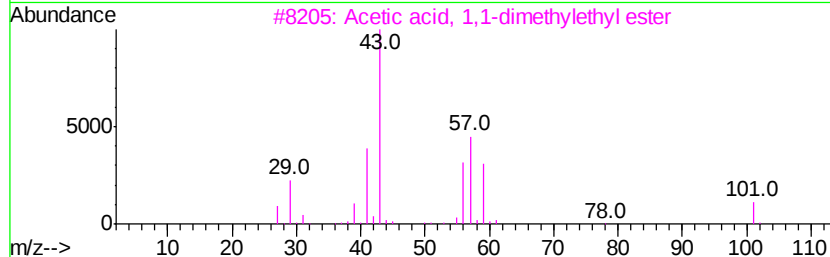
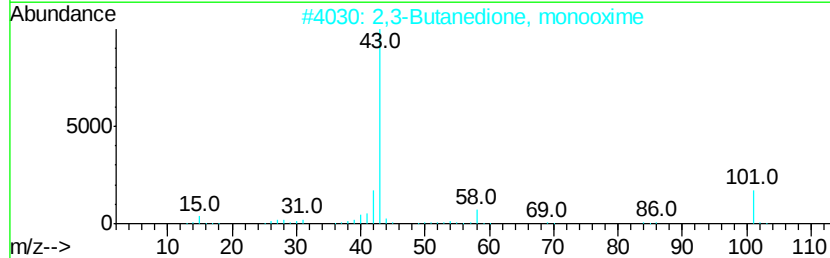
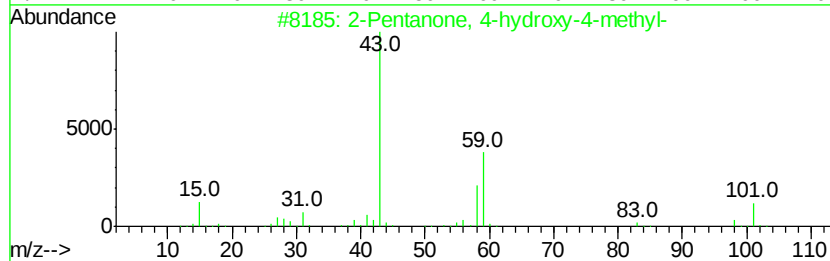
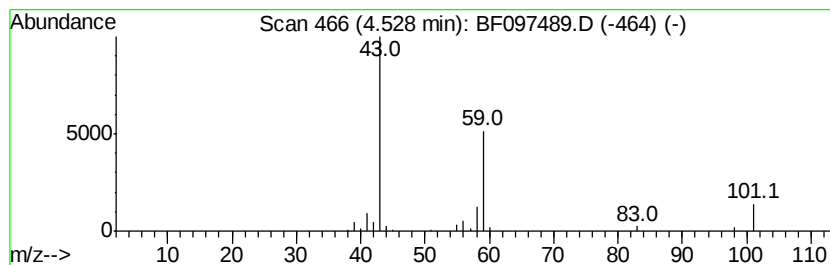
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	6.16 ng	200818	1,4-Dichlorobenzene-d4	6.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7



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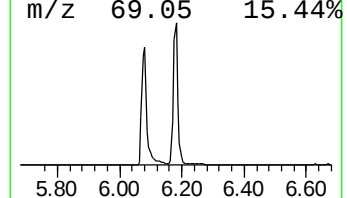
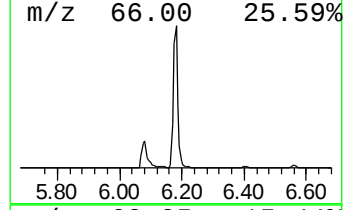
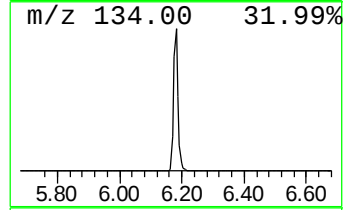
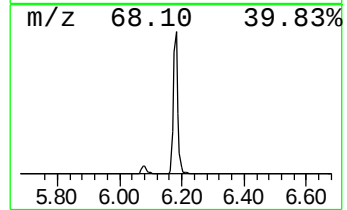
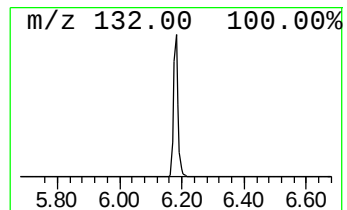
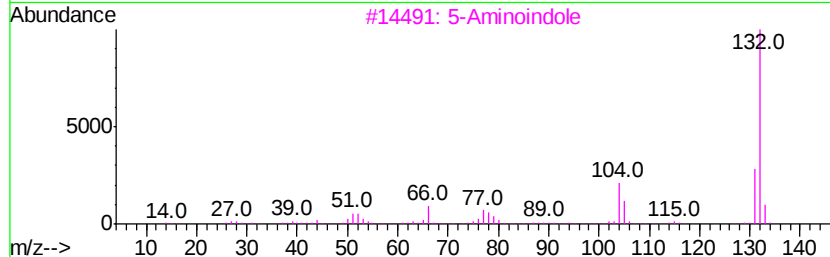
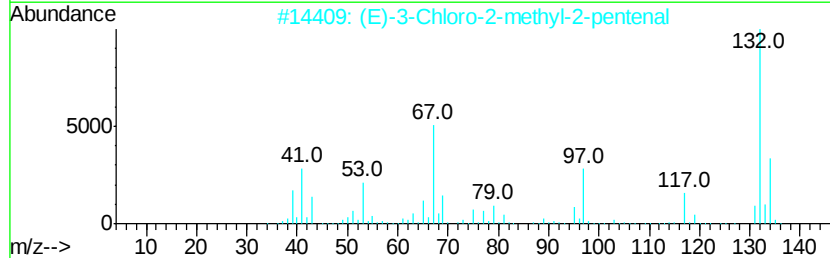
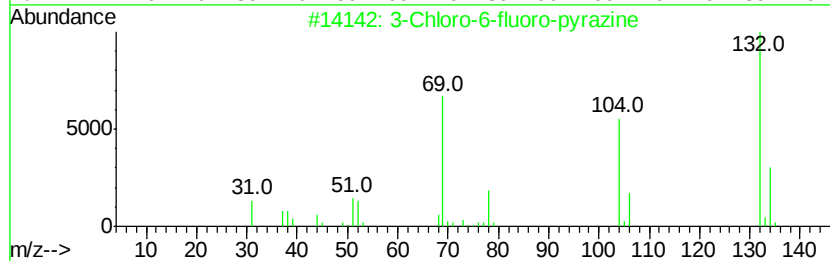
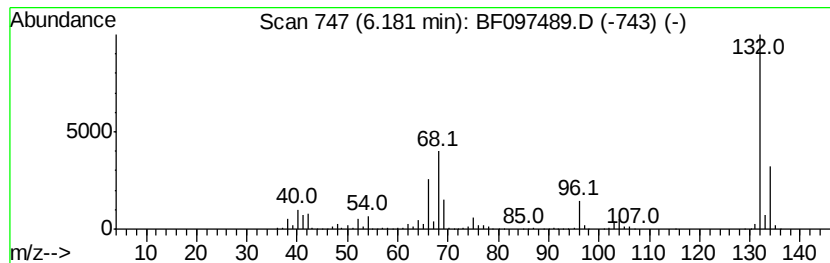
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	66.42 ng	2165490	1,4-Dichlorobenzene-d4	6.40

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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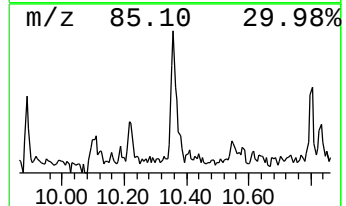
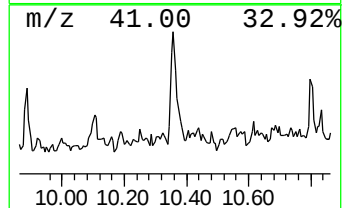
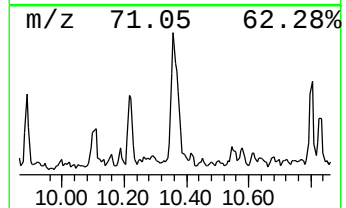
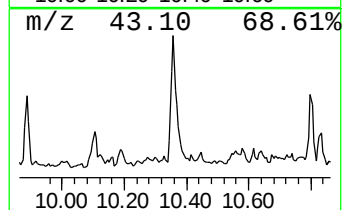
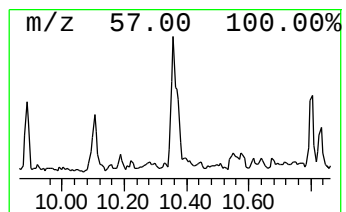
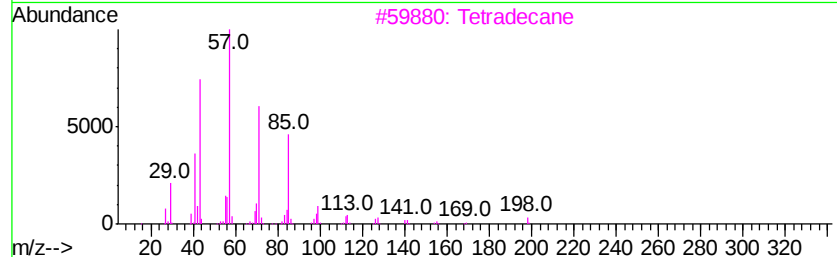
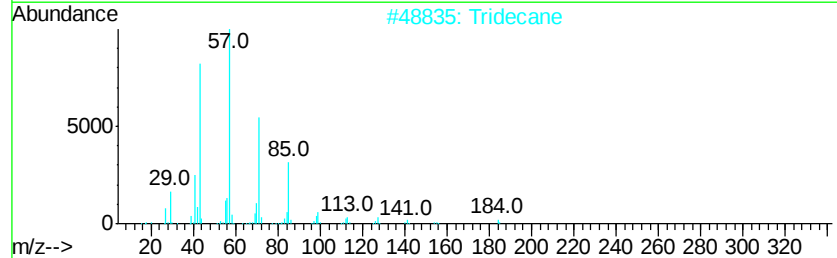
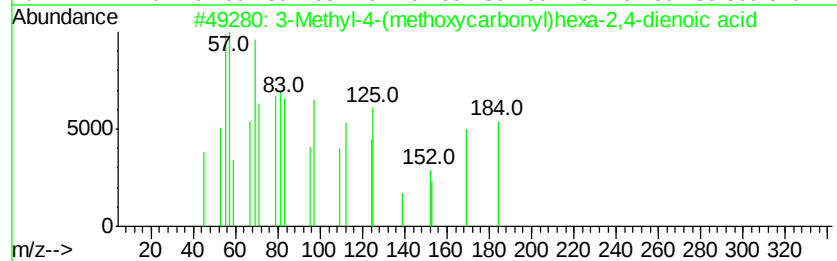
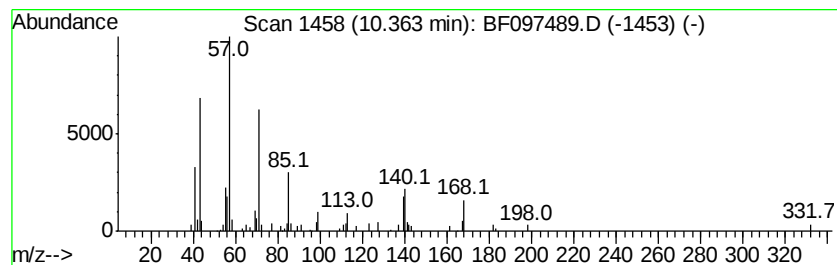
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Methyl-4-(methoxycarbonyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	4.02 ng	115040	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	89
2		Tridecane	184	C13H28	000629-50-5	83
3		Tetradecane	198	C14H30	000629-59-4	50
4		Hexadecane	226	C16H34	000544-76-3	49
5		Heptacosane	380	C27H56	000593-49-7	49



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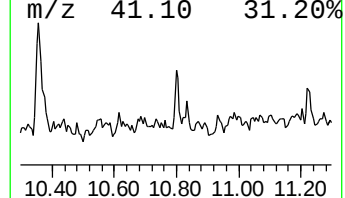
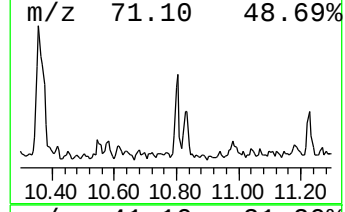
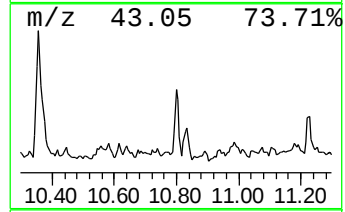
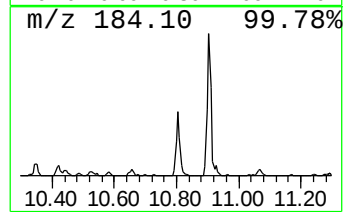
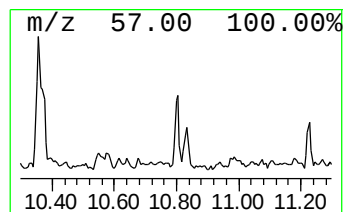
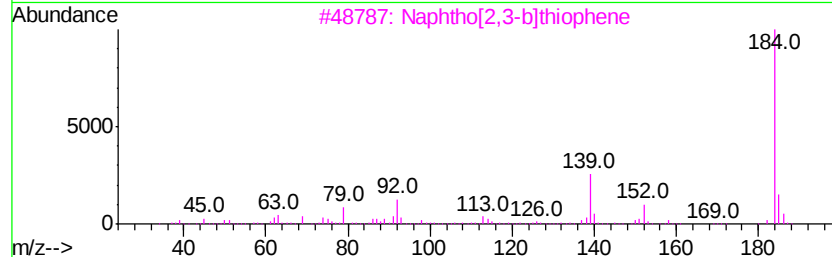
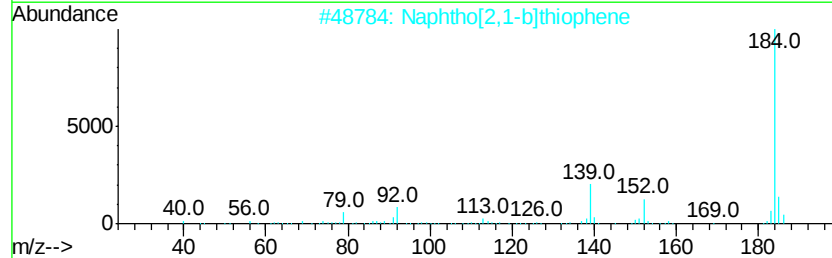
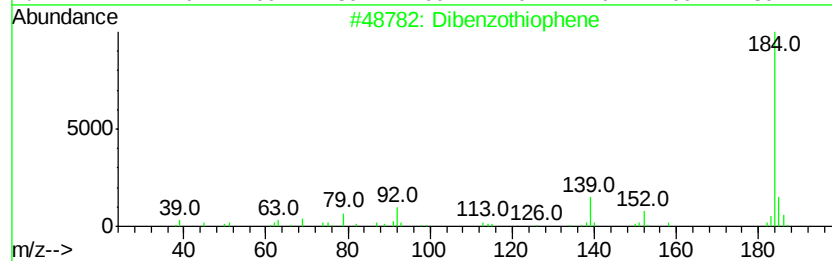
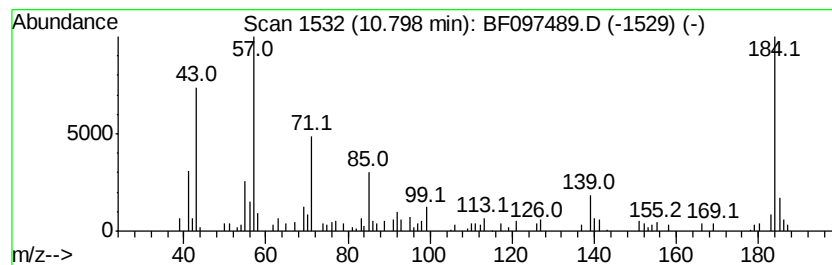
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ClientSampleId :
CL-01-080717-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	2.98 ng	85150	Phenanthrene-d10		10.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	81
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	81
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74
5	Benzidine	184	C12H12N2	000092-87-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

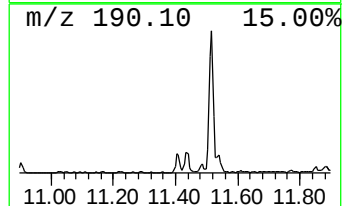
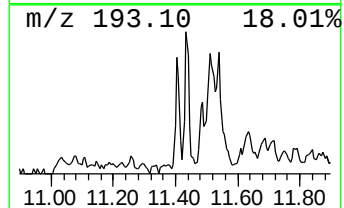
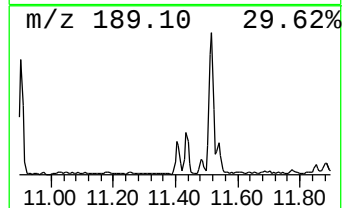
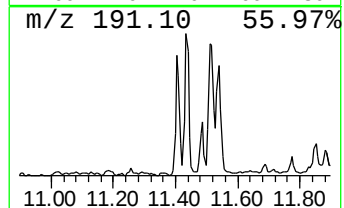
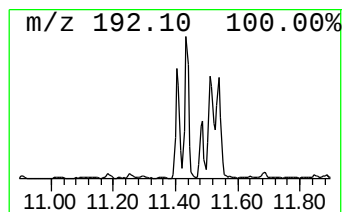
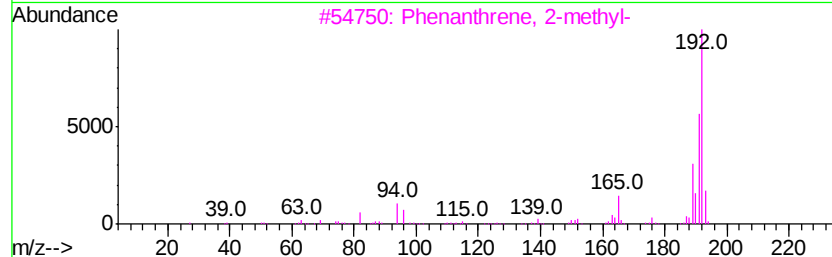
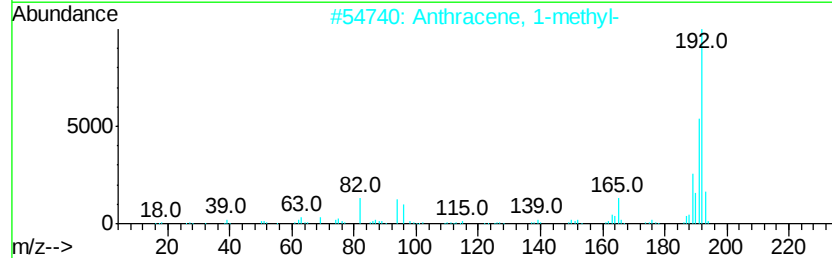
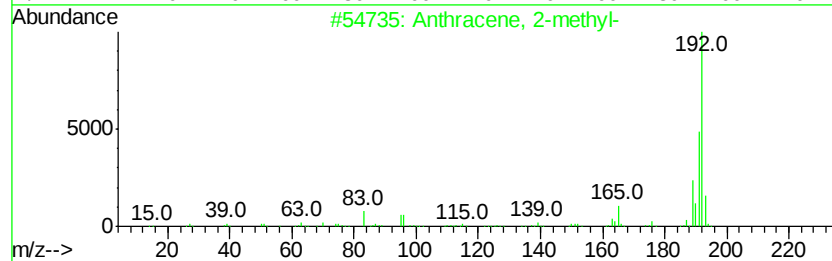
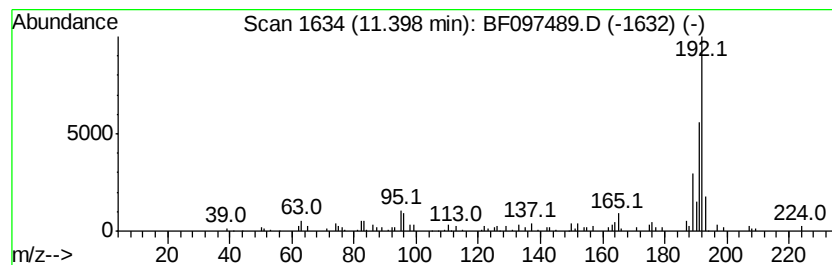
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.47 ng	156525	Phenanthrene-d10	10.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
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Sample : I4657-07
Misc :
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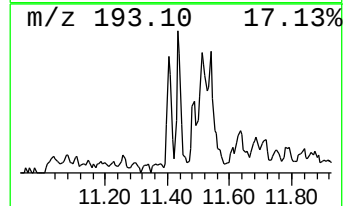
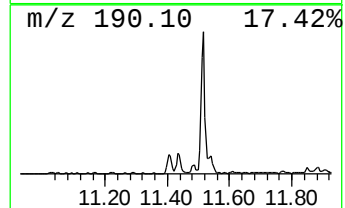
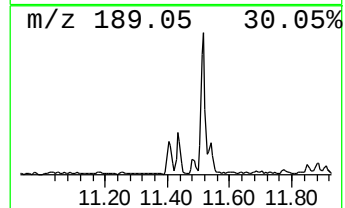
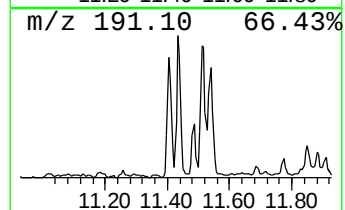
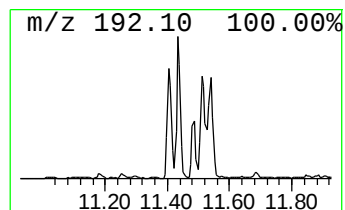
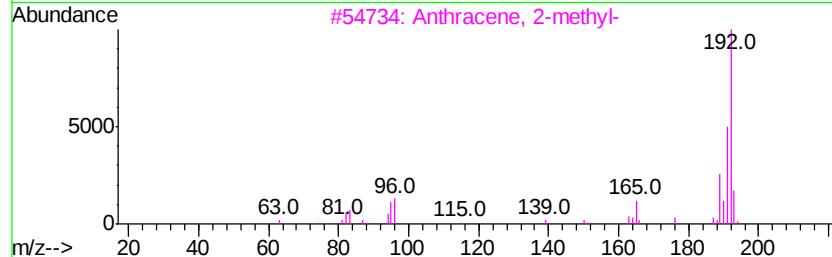
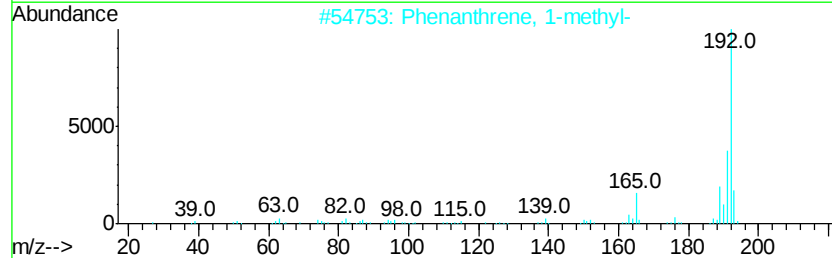
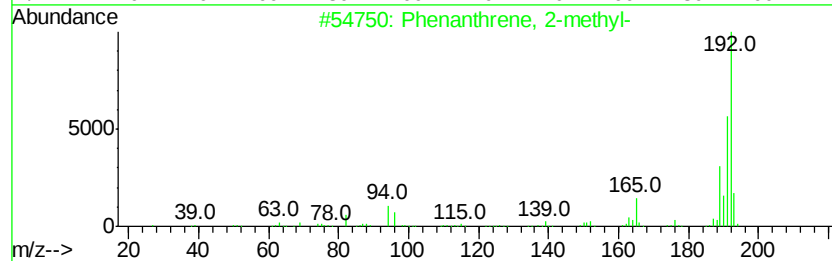
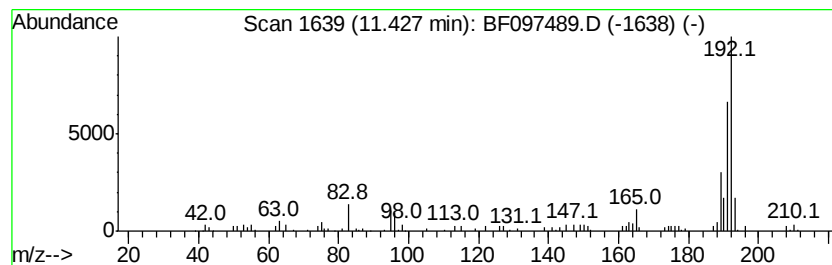
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.43	5.36 ng	153310	Phenanthrene-d10		10.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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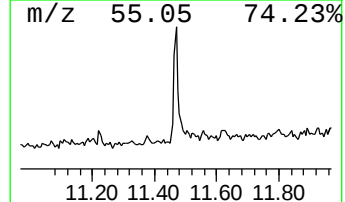
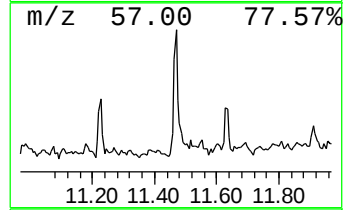
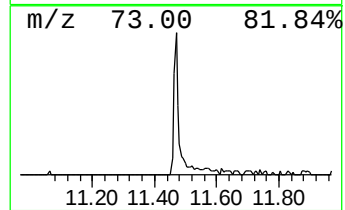
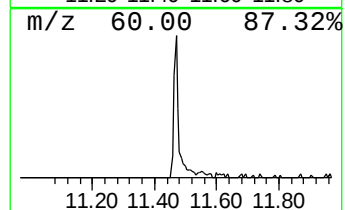
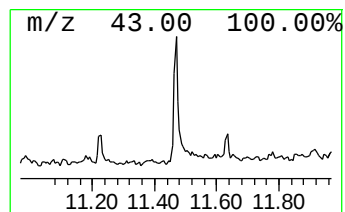
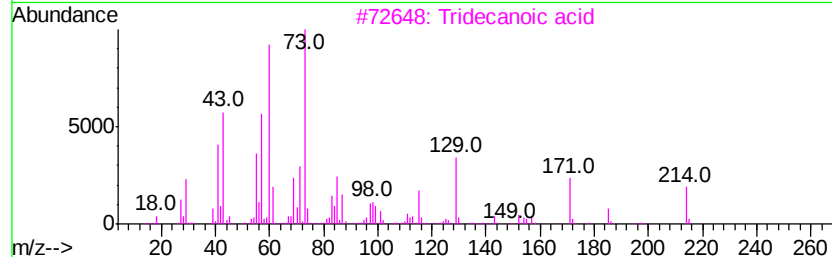
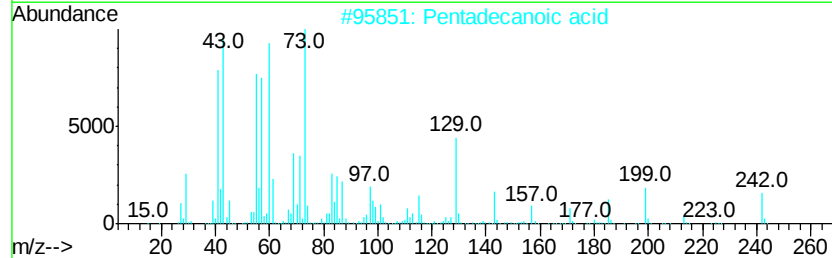
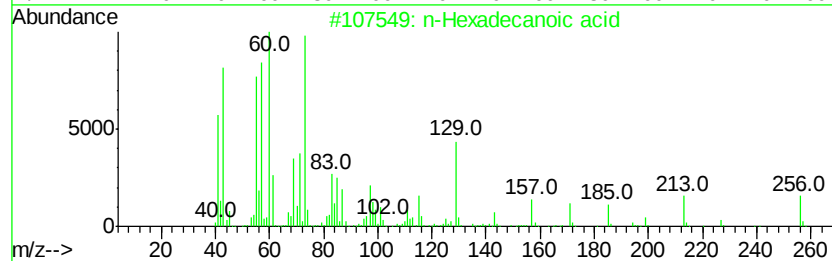
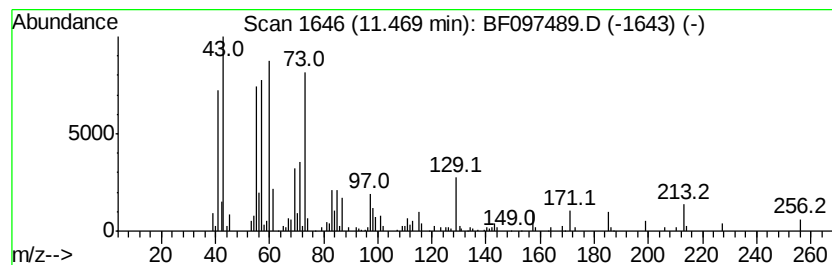
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	5.15 ng	147328	Phenanthrene-d10	10.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
CL-01-080717-C

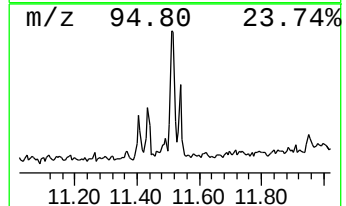
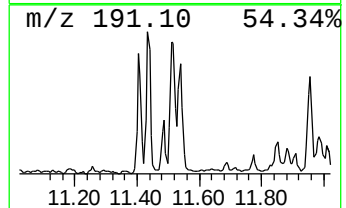
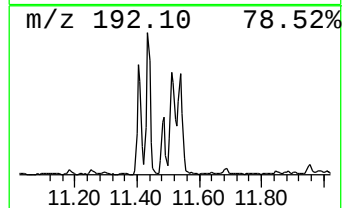
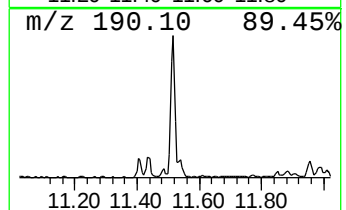
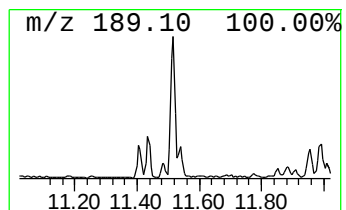
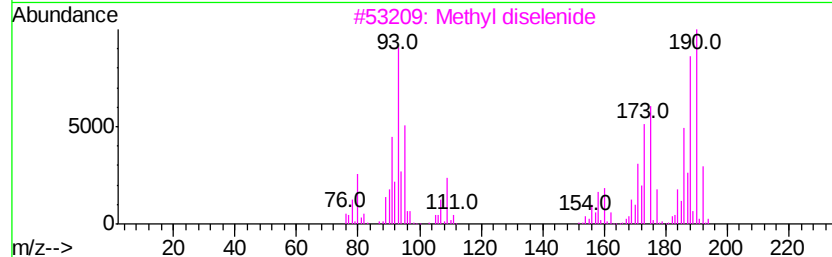
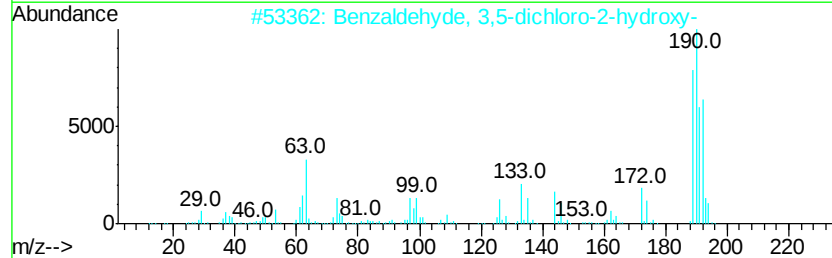
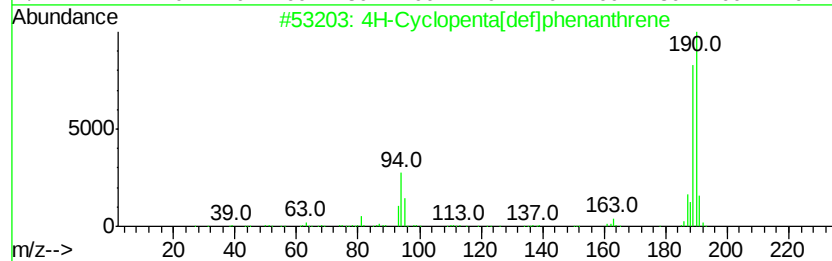
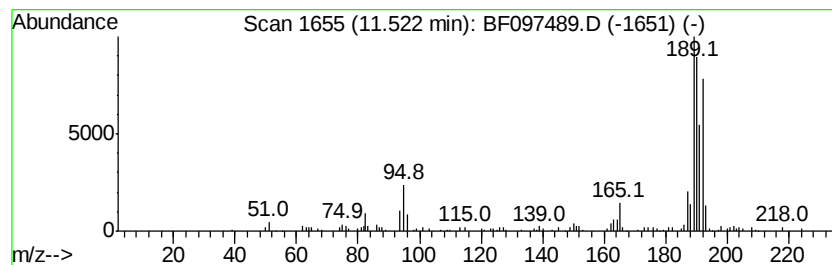
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	10.57 ng	302509	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3		Methyl diselenide	190	C2H6Se2	007101-31-7	38
4		1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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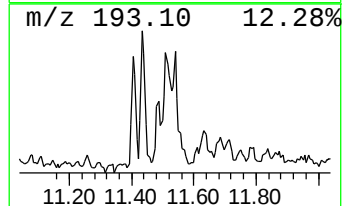
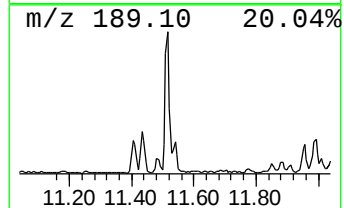
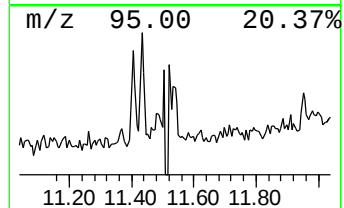
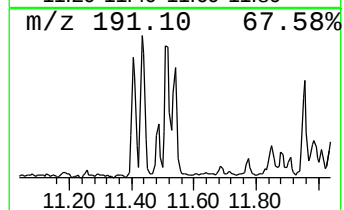
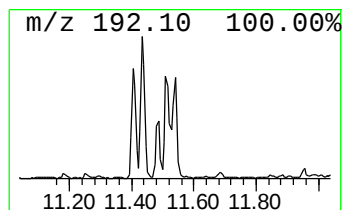
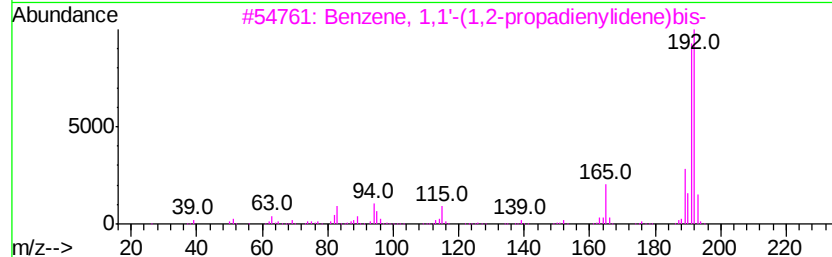
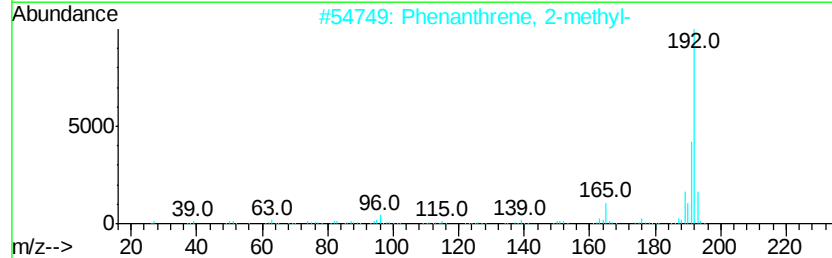
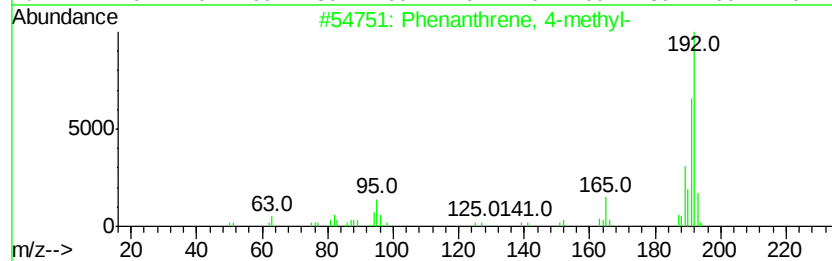
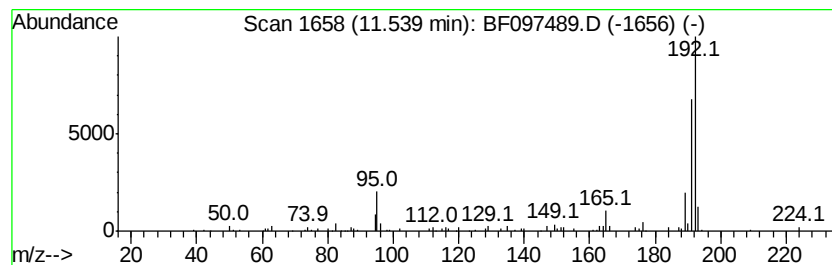
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.54 ng	129922	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	59
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	53
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
CL-01-080717-C

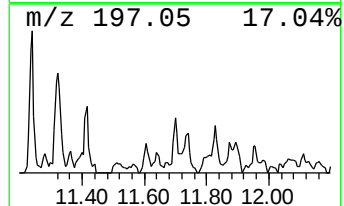
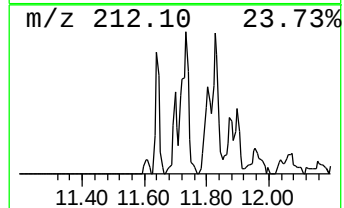
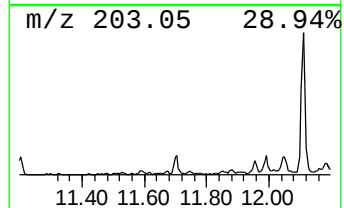
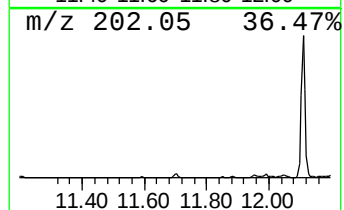
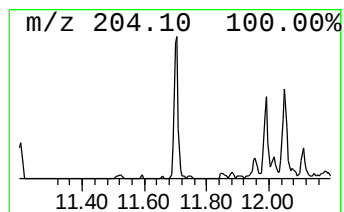
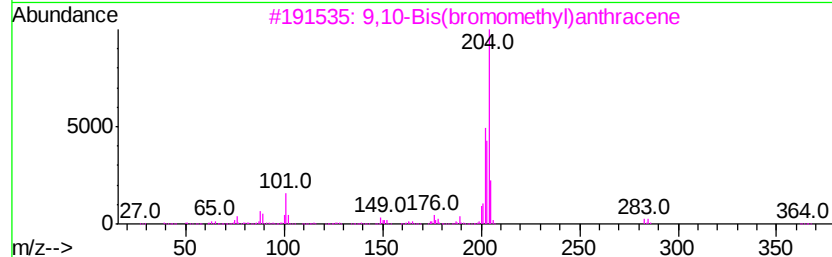
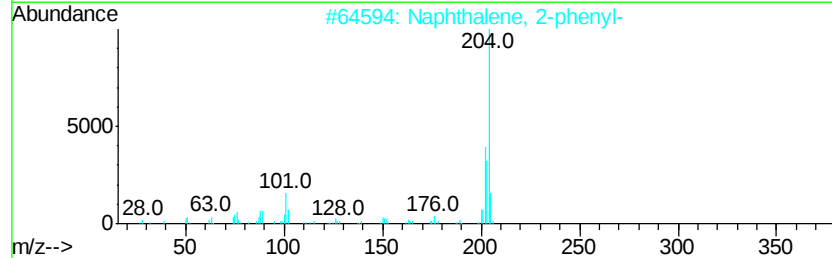
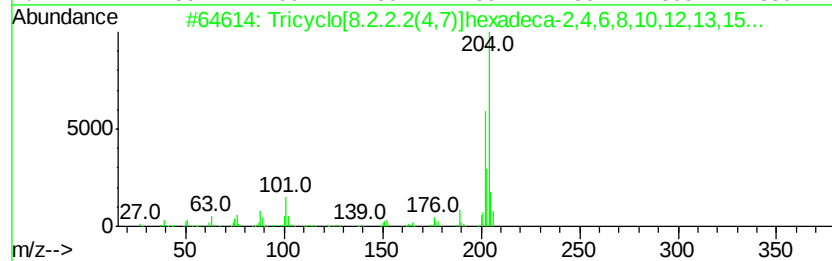
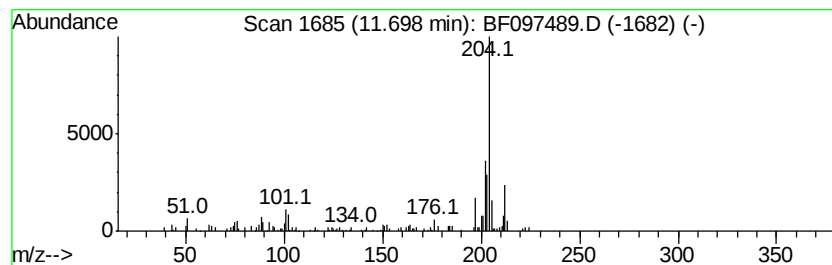
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.92 ng	83536	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68
4		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
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ClientSampleId :
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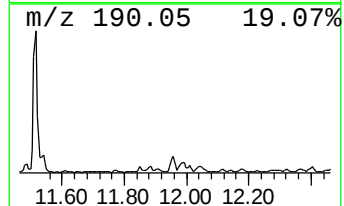
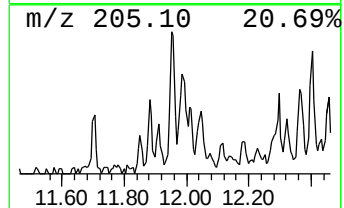
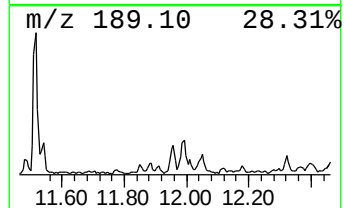
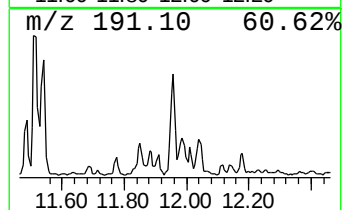
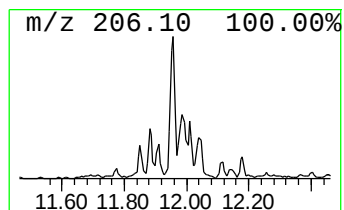
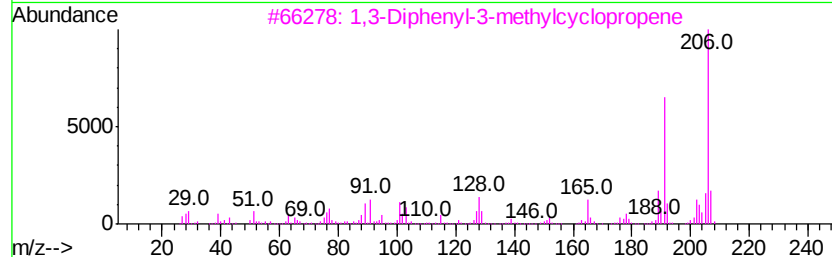
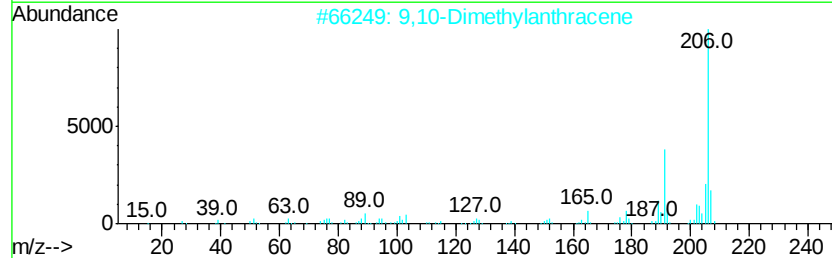
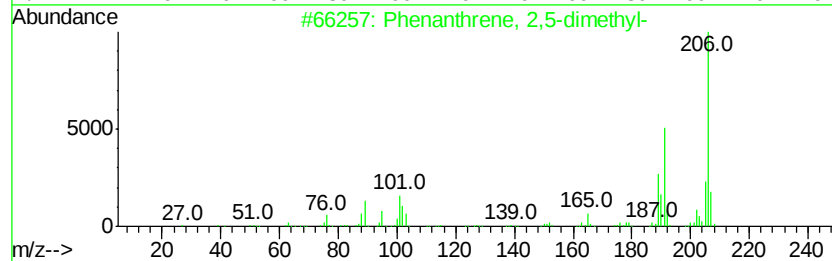
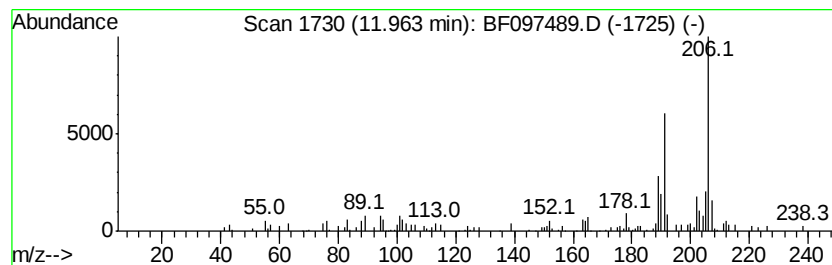
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.80 ng	166094	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90



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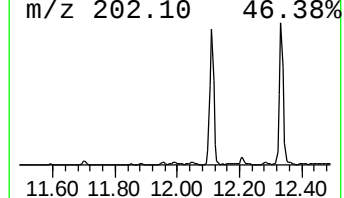
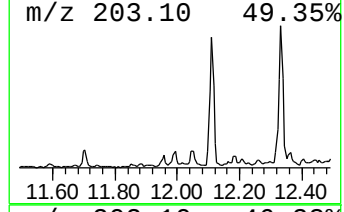
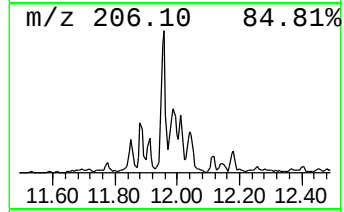
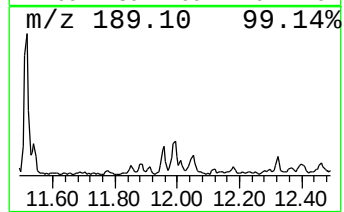
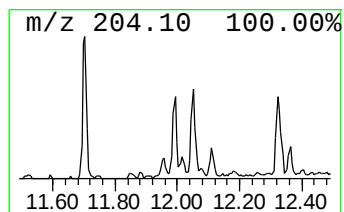
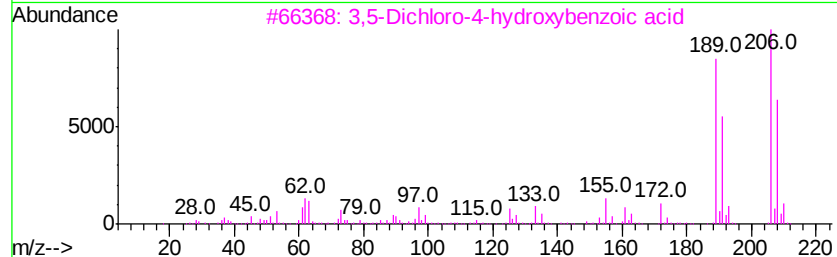
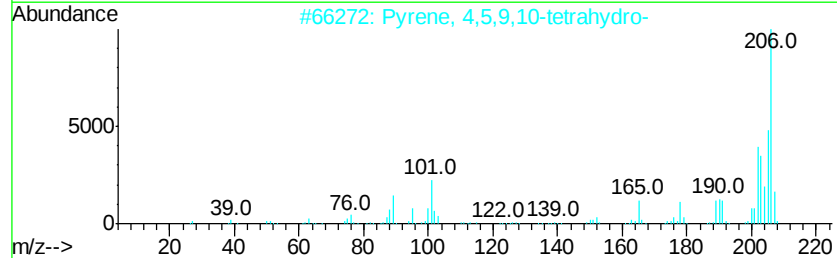
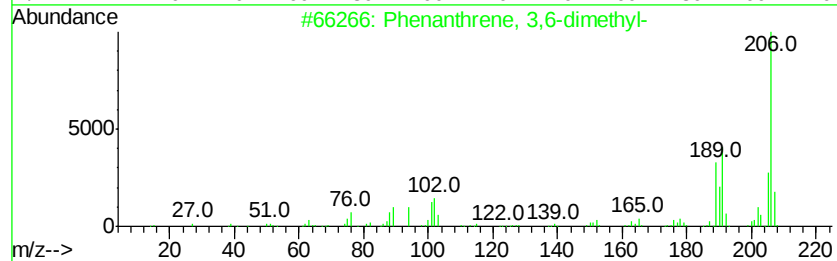
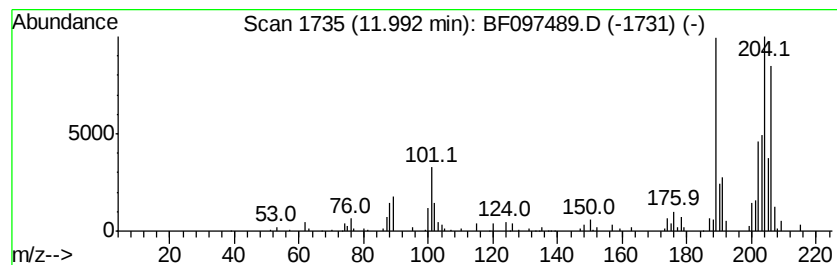
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.07 ng	116467	Phenanthrene-d10	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3		3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38
4		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
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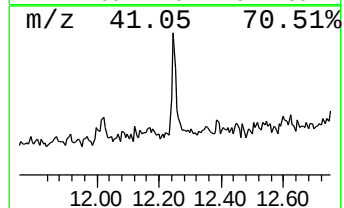
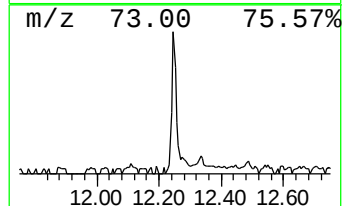
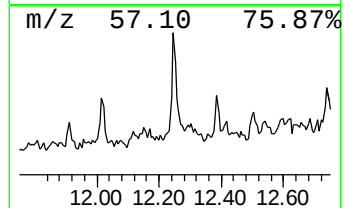
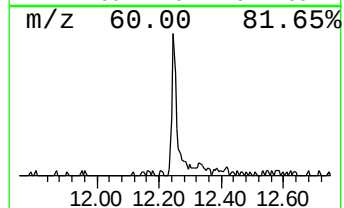
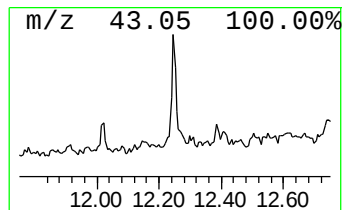
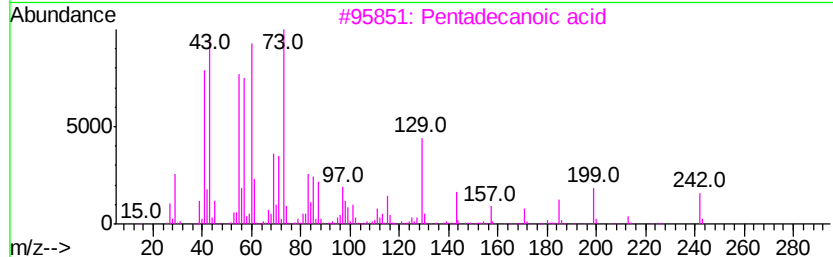
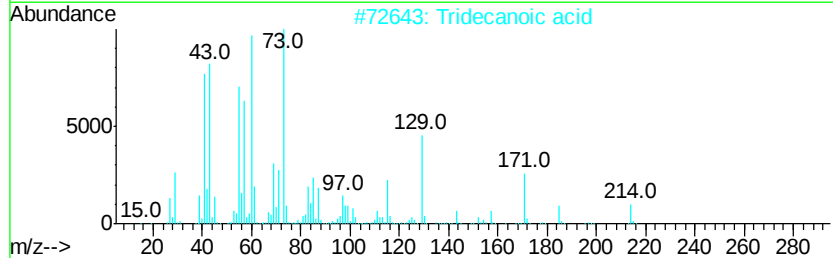
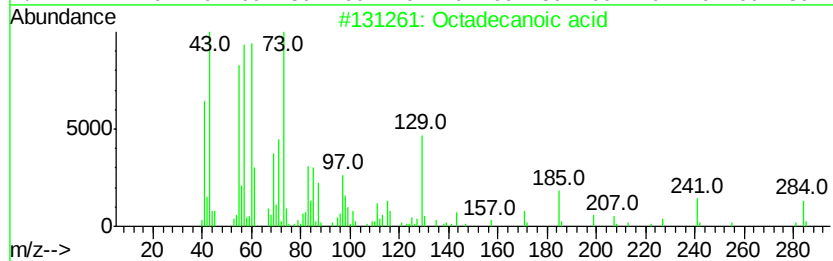
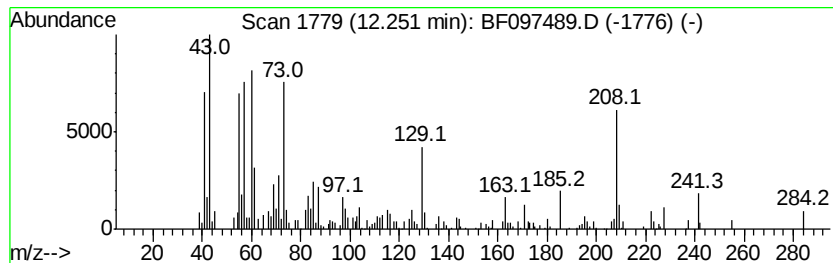
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.87 ng	184932	Chrysene-d12	13.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	83
2			Tridecanoic acid	214	C13H26O2	000638-53-9	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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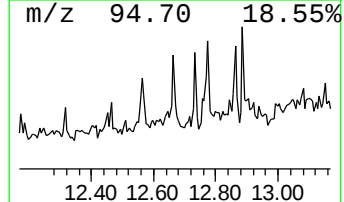
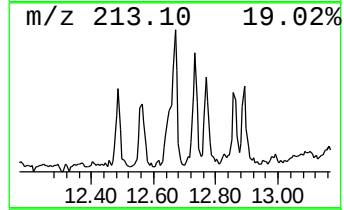
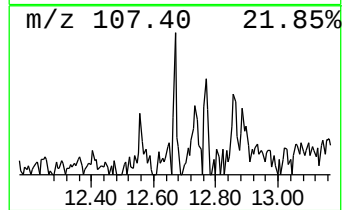
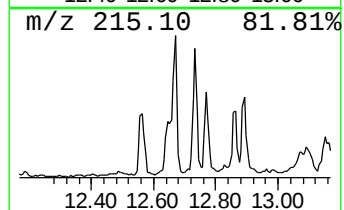
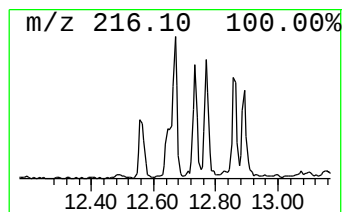
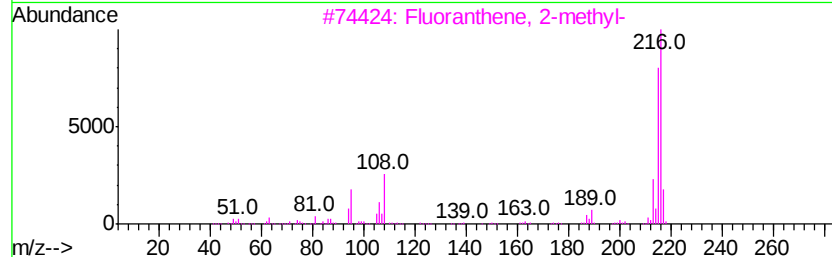
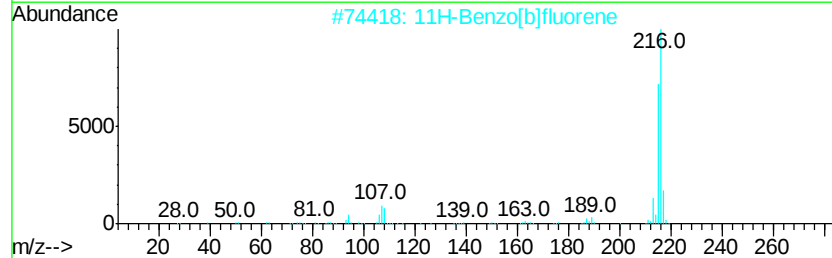
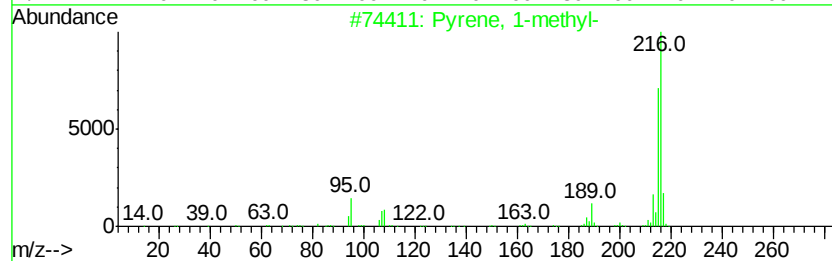
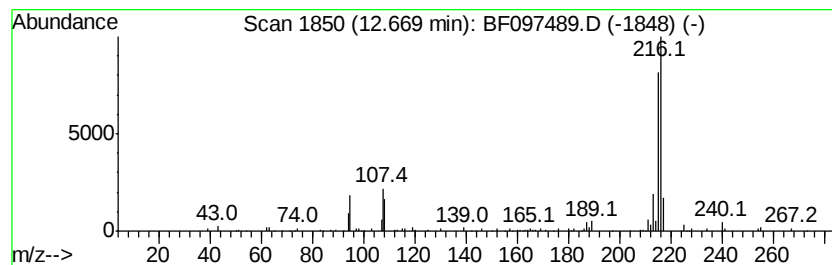
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.46 ng	131459	Chrysene-d12	13.53

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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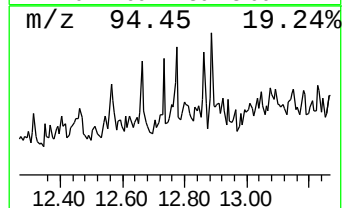
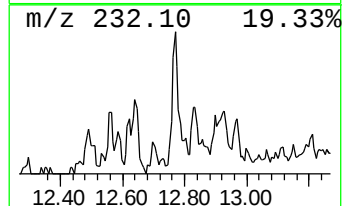
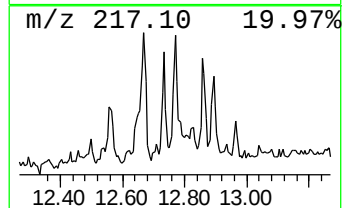
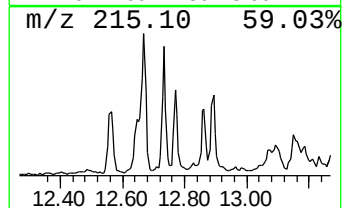
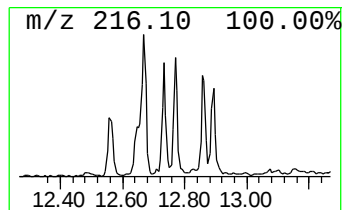
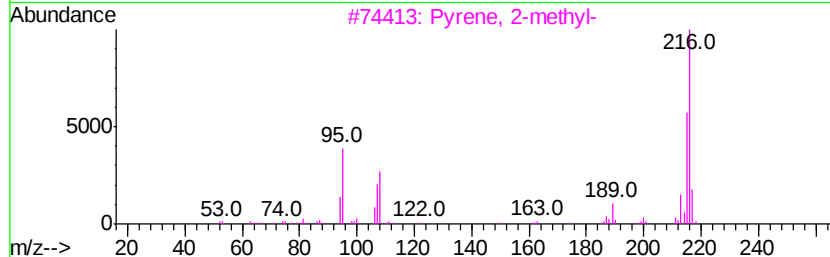
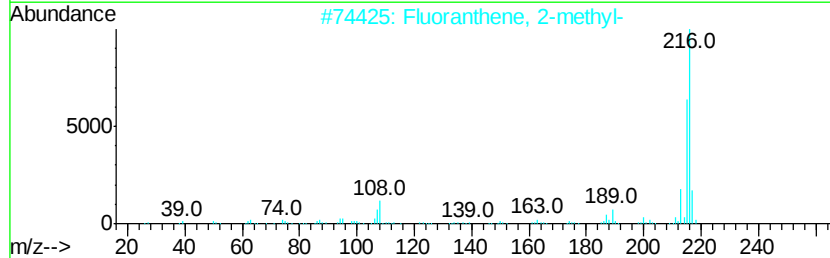
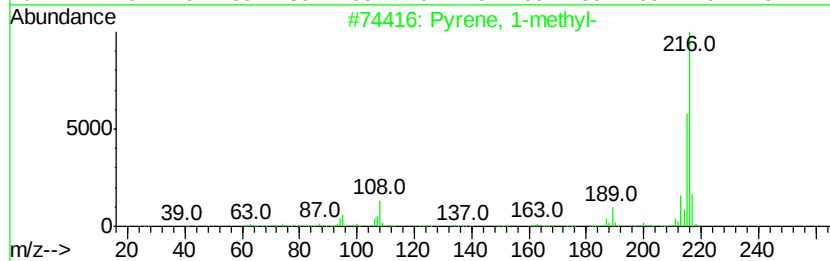
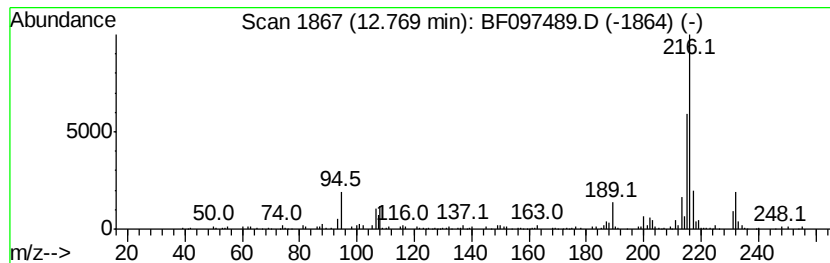
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.97 ng	188534	Chrysene-d12	13.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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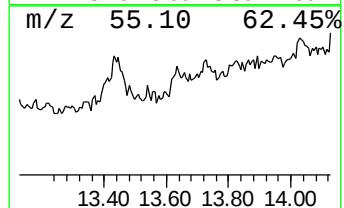
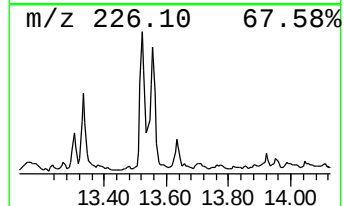
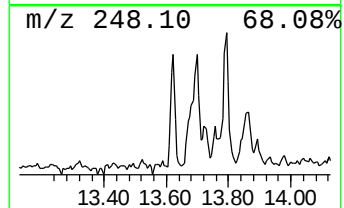
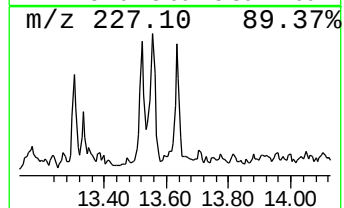
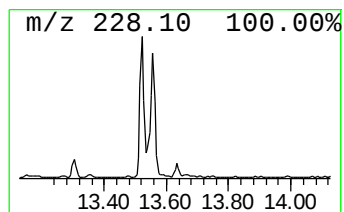
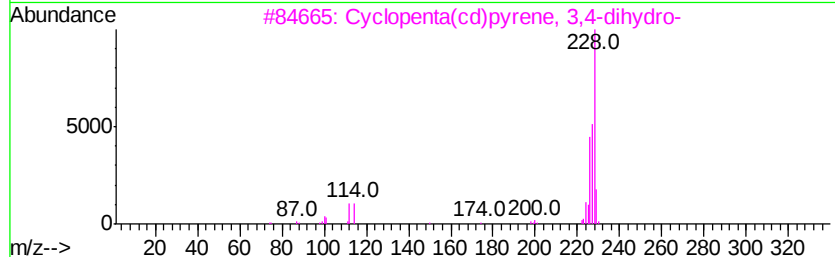
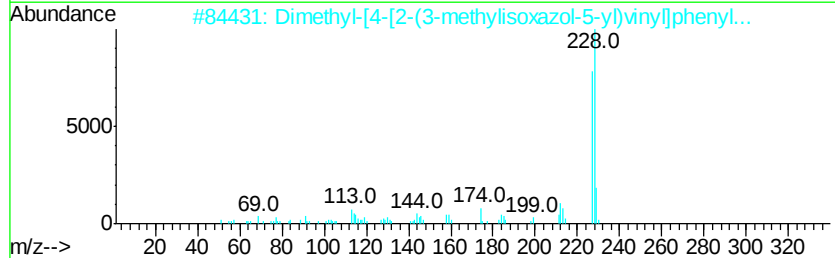
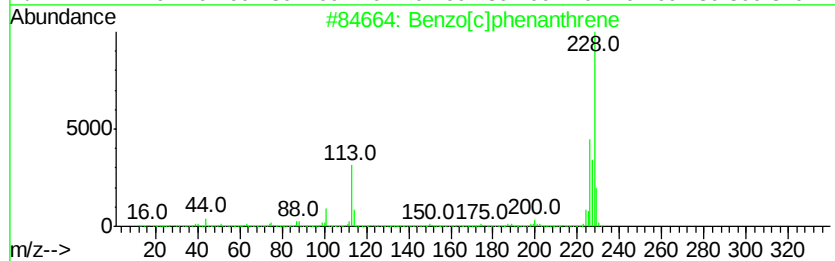
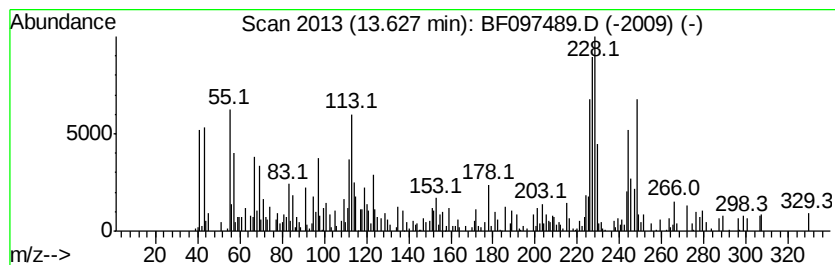
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[c]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.34 ng	202649	Chrysene-d12	13.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	43
3		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	35
5		Benz[a]anthracene	228	C18H12	000056-55-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
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ALS Vial : 15 Sample Multiplier: 1

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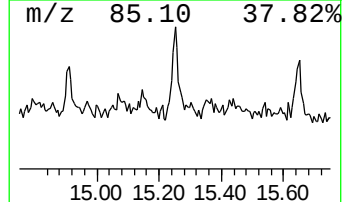
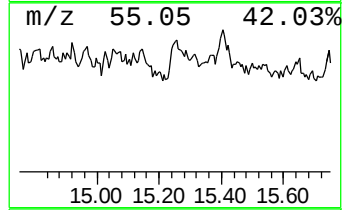
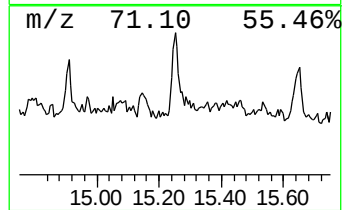
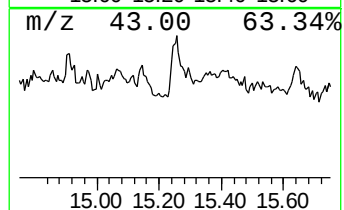
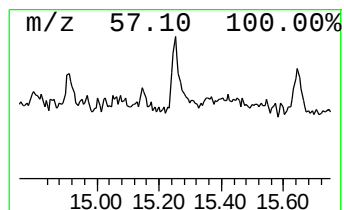
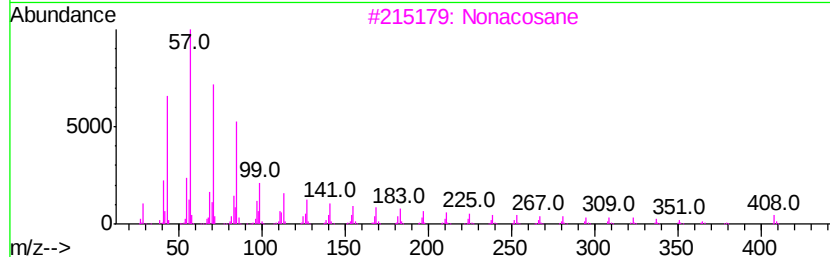
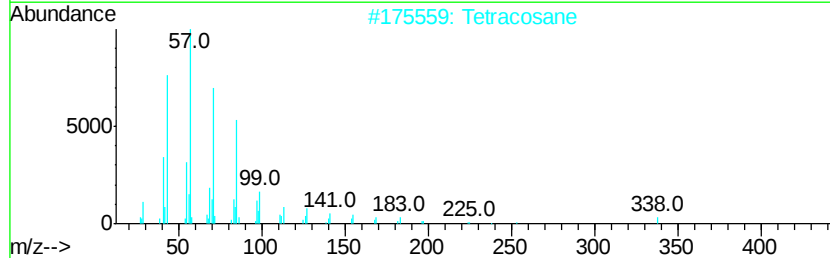
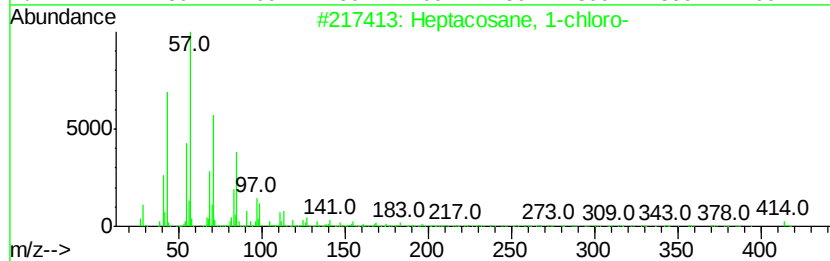
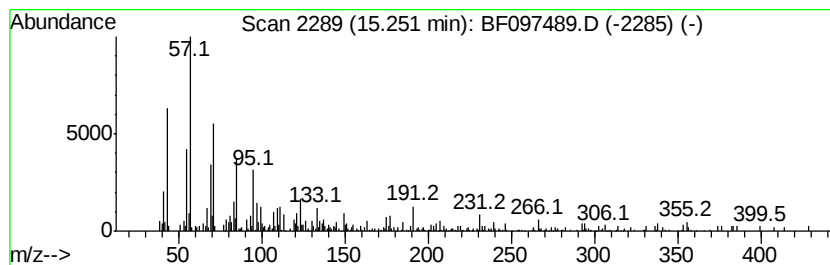
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	15.75 ng	260752	Perylene-d12	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	95
2		Tetracosane	338	C24H50	000646-31-1	90
3		Nonacosane	408	C29H60	000630-03-5	60
4		Heptadecane	240	C17H36	000629-78-7	55
5		Heneicosane	296	C21H44	000629-94-7	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

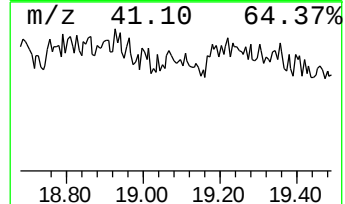
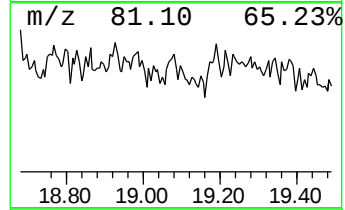
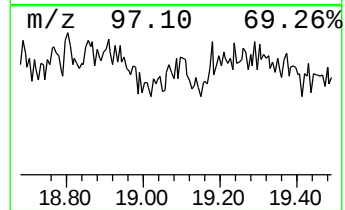
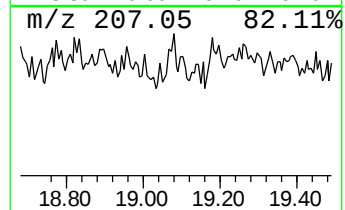
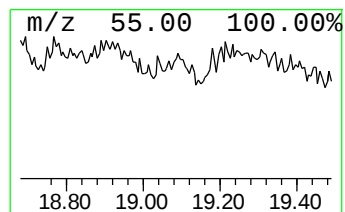
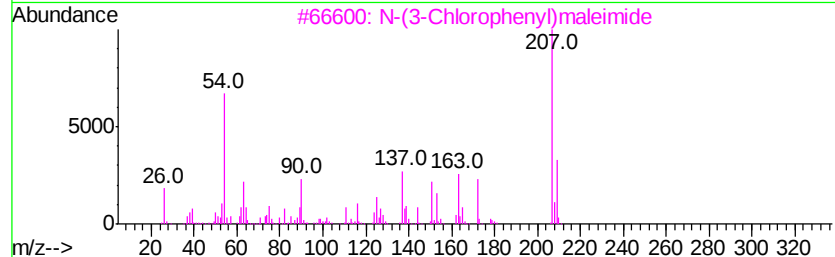
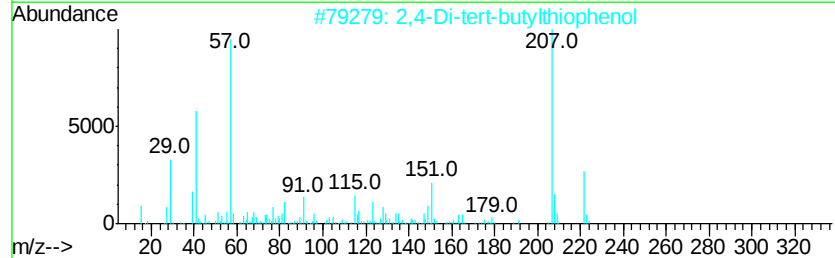
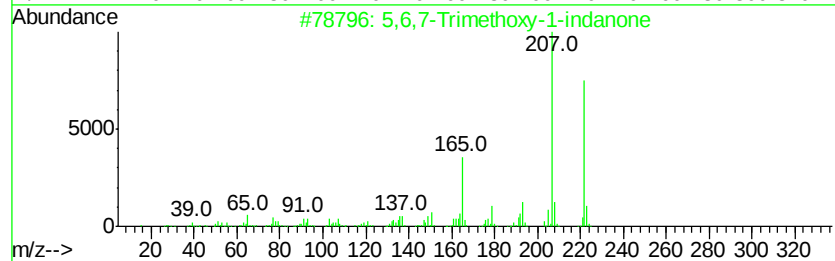
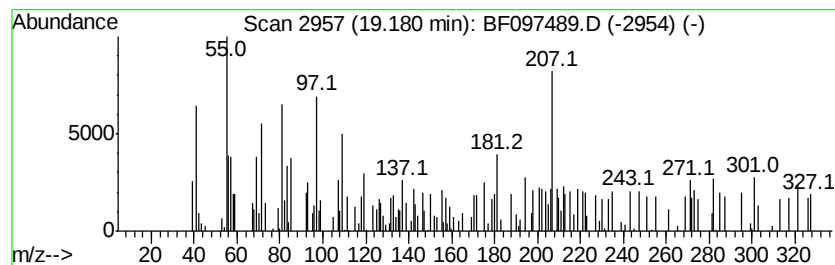
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.64 ng	43632	Perylene-d12	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7-Trimethoxyv-1-indanone	222	C12H14O4	038472-90-1	22		
2	2,4-Di-tert-butylthiophenol	222	C14H22S	019728-43-9	22		
3	N-(3-Chlorophenyl)maleimide	207	C10H6ClN02	1000341-21-1	18		
4	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	164589-37-1	18		
5	2,3,4,5,6-Pentafluorophenylaceto...	207	C8H2F5N	000653-30-5	18		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
 Data File : BF097489.D
 Acq On : 9 Aug 2017 00:55
 Operator : SJ/JU
 Sample : I4657-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-080717-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.53	6.2 ng		200818	1	6.40	652039	20.0
unknown6.18	6.18	66.4 ng		2165490	1	6.40	652039	20.0
3-Methyl-4-(metho...	10.36	4.0 ng		115040	4	10.90	572377	20.0
Dibenzothiophene	10.80	3.0 ng		85150	4	10.90	572377	20.0
Anthracene, 2-met...	11.40	5.5 ng		156525	4	10.90	572377	20.0
Phenanthrene, 2-m...	11.43	5.4 ng		153310	4	10.90	572377	20.0
n-Hexadecanoic acid	11.47	5.2 ng		147328	4	10.90	572377	20.0
4H-Cyclopenta[def...	11.52	10.6 ng		302509	4	10.90	572377	20.0
Phenanthrene, 4-m...	11.54	4.5 ng		129922	4	10.90	572377	20.0
Tricyclo[8.2.2.2(...	11.70	2.9 ng		83536	4	10.90	572377	20.0
Phenanthrene, 2,5...	11.96	5.8 ng		166094	4	10.90	572377	20.0
Phenanthrene, 3,6...	11.99	4.1 ng		116467	4	10.90	572377	20.0
Octadecanoic acid	12.25	4.9 ng		184932	5	13.53	759405	20.0
Pyrene, 1-methyl-	12.67	3.5 ng		131459	5	13.53	759405	20.0
Fluoranthene, 2-m...	12.77	5.0 ng		188534	5	13.53	759405	20.0
Benzo[c]phenanthrene	13.63	5.3 ng		202649	5	13.53	759405	20.0
Heptacosane, 1-ch...	15.25	15.8 ng		260752	6	14.87	331153	20.0
unknown19.18	19.18	2.6 ng		43632	6	14.87	331153	20.0