

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
 Data File : BF103947.D
 Acq On : 27 Mar 2018 1:09
 Operator : JU/SJ
 Sample : J2009-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

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-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	35	39	57	rVB	124578	189881	6.72%	0.409%
2	5.216	528	532	540	rBV	130249	167324	5.92%	0.360%
3	5.604	593	598	601	rBV	2539918	2577698	91.26%	5.546%
4	6.598	762	767	770	rBV	2604391	2608325	92.35%	5.612%
5	6.745	787	792	795	rBV	2994231	2728032	96.59%	5.870%
6	6.975	827	831	834	rBV	989958	767418	27.17%	1.651%
7	7.134	853	858	861	rBV	2448389	2187120	77.44%	4.706%
8	7.539	922	927	930	rBV	1758697	1690549	59.85%	3.637%
9	8.257	1045	1049	1052	rBV	1235472	1015544	35.96%	2.185%
10	9.069	1183	1187	1190	rBV	89561	73374	2.60%	0.158%
11	9.328	1227	1231	1235	rBV	3005974	2824439	100.00%	6.077%
12	9.669	1285	1289	1292	rBV	122660	121688	4.31%	0.262%
13	9.716	1295	1297	1300	rBV	250245	220721	7.81%	0.475%
14	9.786	1305	1309	1314	rBV2	63812	88060	3.12%	0.189%
15	9.875	1321	1324	1329	rBV	274265	245355	8.69%	0.528%
16	9.928	1329	1333	1336	rVB	146166	114862	4.07%	0.247%
17	10.016	1345	1348	1351	rBV2	1232144	1004652	35.57%	2.162%
18	10.045	1351	1353	1356	rVB	118163	96754	3.43%	0.208%
19	10.216	1379	1382	1385	rVV2	98851	93724	3.32%	0.202%
20	10.251	1385	1388	1392	rVB	105458	97173	3.44%	0.209%
21	10.327	1397	1401	1404	rBV2	93960	101093	3.58%	0.218%
22	10.427	1411	1418	1422	rBV2	187269	231171	8.18%	0.497%
23	10.563	1438	1441	1448	rVB2	147949	178069	6.30%	0.383%
24	10.645	1451	1455	1458	rVV3	59959	90622	3.21%	0.195%
25	10.722	1463	1468	1471	rVV4	39458	69894	2.47%	0.150%
26	10.810	1478	1483	1486	rBV	1674673	1592374	56.38%	3.426%
27	10.904	1496	1499	1501	rBV	130065	131536	4.66%	0.283%
28	10.927	1501	1503	1508	rVB2	82836	100961	3.57%	0.217%
29	11.110	1529	1534	1537	rBV4	91585	140462	4.97%	0.302%
30	11.139	1537	1539	1542	rVV	76161	71357	2.53%	0.154%
31	11.310	1565	1568	1572	rVV	110923	122763	4.35%	0.264%
32	11.351	1572	1575	1578	rVV	117399	108955	3.86%	0.234%
33	11.404	1582	1584	1588	rVB	96602	79717	2.82%	0.172%
34	11.510	1598	1602	1604	rBV	1031643	925827	32.78%	1.992%

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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-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.533	1604	1606	1610	rVV	1494860	1204801	42.66%	2.592%
36	11.586	1612	1615	1617	rVV	257056	206293	7.30%	0.444%
37	11.739	1637	1641	1646	rBV2	89793	111666	3.95%	0.240%
38	11.839	1655	1658	1662	rVB	112856	102851	3.64%	0.221%
39	12.010	1684	1687	1690	rVV	536514	500519	17.72%	1.077%
40	12.039	1690	1692	1695	rVB	686410	539181	19.09%	1.160%
41	12.086	1695	1700	1703	rBV	126928	128197	4.54%	0.276%
42	12.121	1703	1706	1709	rVV2	566474	647904	22.94%	1.394%
43	12.145	1709	1710	1715	rVB	384569	275485	9.75%	0.593%
44	12.186	1715	1717	1720	rBV3	75889	75534	2.67%	0.163%
45	12.304	1734	1737	1740	rVV	209693	191507	6.78%	0.412%
46	12.333	1740	1742	1748	rVB2	244812	239062	8.46%	0.514%
47	12.457	1761	1763	1766	rVB	150000	101578	3.60%	0.219%
48	12.486	1766	1768	1770	rBV	237924	179789	6.37%	0.387%
49	12.510	1770	1772	1775	rVB	164940	141481	5.01%	0.304%
50	12.563	1778	1781	1784	rBV	532705	544479	19.28%	1.172%
51	12.598	1784	1787	1789	rVV2	178885	194602	6.89%	0.419%
52	12.621	1789	1791	1793	rVB	153075	117158	4.15%	0.252%
53	12.651	1793	1796	1801	rBV2	240405	307160	10.88%	0.661%
54	12.733	1804	1810	1813	rBV	1579589	1465037	51.87%	3.152%
55	12.769	1813	1816	1818	rBV	84410	78905	2.79%	0.170%
56	12.792	1818	1820	1822	rVB	108722	87342	3.09%	0.188%
57	12.821	1822	1825	1828	rBV	109318	93552	3.31%	0.201%
58	12.963	1842	1849	1854	rBV	1780959	1956047	69.25%	4.209%
59	13.010	1854	1857	1860	rVB2	271586	264003	9.35%	0.568%
60	13.068	1860	1867	1868	rBV2	107234	180681	6.40%	0.389%
61	13.098	1868	1872	1875	rBV	2146613	1973698	69.88%	4.247%
62	13.174	1881	1885	1892	rBV5	229503	431161	15.27%	0.928%
63	13.263	1897	1900	1902	rVV3	193570	253180	8.96%	0.545%
64	13.286	1902	1904	1907	rVV	404664	350067	12.39%	0.753%
65	13.351	1913	1915	1918	rVV	216879	201695	7.14%	0.434%
66	13.392	1918	1922	1925	rVV2	397892	374358	13.25%	0.805%
67	13.457	1930	1933	1935	rBV2	65539	81954	2.90%	0.176%
68	13.486	1935	1938	1941	rVV	301396	252577	8.94%	0.543%
69	13.515	1941	1943	1946	rVB	243659	205292	7.27%	0.442%
70	13.545	1946	1948	1953	rVB3	84343	78093	2.76%	0.168%
71	13.774	1983	1987	1988	rBV	71462	80680	2.86%	0.174%

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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 >
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72	13.798	1988	1991	1995	rVB	251539	263101	9.32%	0.566%
73	13.857	1999	2001	2004	rVB	114995	97484	3.45%	0.210%
74	13.910	2004	2010	2013	rBV5	185587	351508	12.45%	0.756%
75	13.939	2013	2015	2017	rVB	170794	124663	4.41%	0.268%
76	13.974	2017	2021	2024	rBV2	530789	612721	21.69%	1.318%
77	14.004	2024	2026	2031	rVB	176355	197942	7.01%	0.426%
78	14.163	2048	2053	2056	rBV2	1107590	1706141	60.41%	3.671%
79	14.192	2056	2058	2065	rVB	844624	735959	26.06%	1.584%
80	14.245	2065	2067	2070	rBV2	92417	76331	2.70%	0.164%
81	14.392	2088	2092	2095	rBV4	81688	105755	3.74%	0.228%
82	14.515	2111	2113	2115	rVV	95501	87558	3.10%	0.188%
83	14.557	2115	2120	2123	rVV	353531	431677	15.28%	0.929%
84	14.592	2123	2126	2128	rVV	204610	227459	8.05%	0.489%
85	14.621	2129	2131	2135	rVV4	126552	208156	7.37%	0.448%
86	14.686	2139	2142	2144	rVV	188825	184715	6.54%	0.397%
87	14.710	2144	2146	2149	rVB	112075	97470	3.45%	0.210%
88	14.998	2193	2195	2200	rVB2	86696	99087	3.51%	0.213%
89	15.251	2233	2238	2241	rBV	484738	780143	27.62%	1.679%
90	15.362	2254	2257	2262	rVB	94310	110250	3.90%	0.237%
91	15.574	2289	2293	2300	rVB	350628	439354	15.56%	0.945%
92	15.645	2300	2305	2310	rBV	441761	564484	19.99%	1.215%
93	15.709	2311	2316	2320	rVV	472590	676943	23.97%	1.457%
94	15.745	2320	2322	2329	rVB2	115994	167192	5.92%	0.360%
95	16.168	2390	2394	2399	rBV3	71575	119163	4.22%	0.256%
96	16.227	2400	2404	2408	rBV	80835	133851	4.74%	0.288%
97	16.309	2415	2418	2423	rVB2	56247	72275	2.56%	0.156%
98	17.292	2579	2585	2592	rVB3	171577	336286	11.91%	0.724%
99	17.480	2609	2617	2623	rVB2	39034	111630	3.95%	0.240%
100	17.774	2662	2667	2677	rVB	130891	282118	9.99%	0.607%

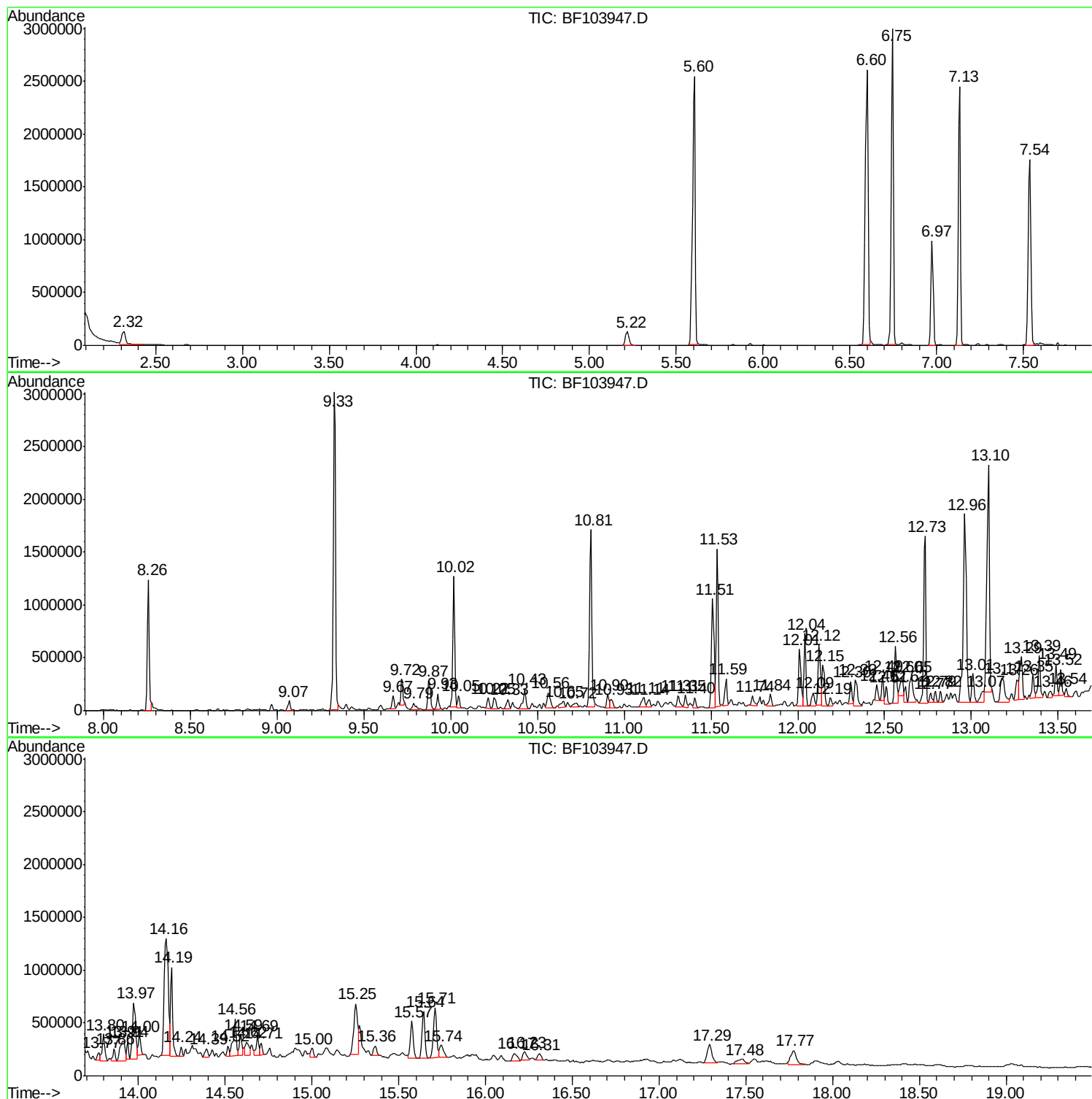
Sum of corrected areas: 46476479

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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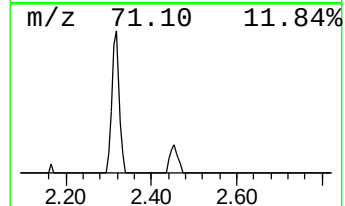
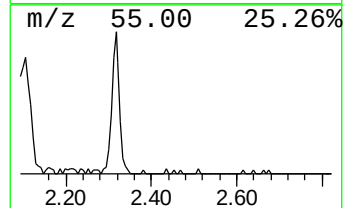
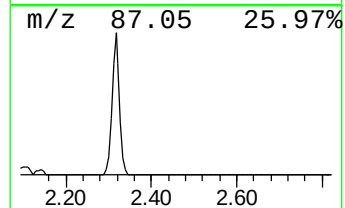
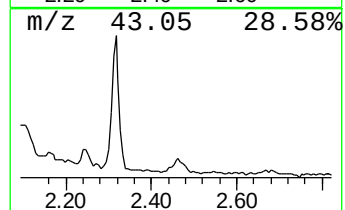
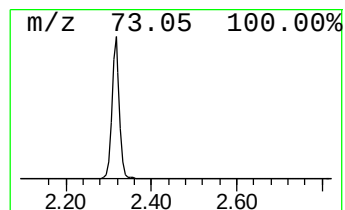
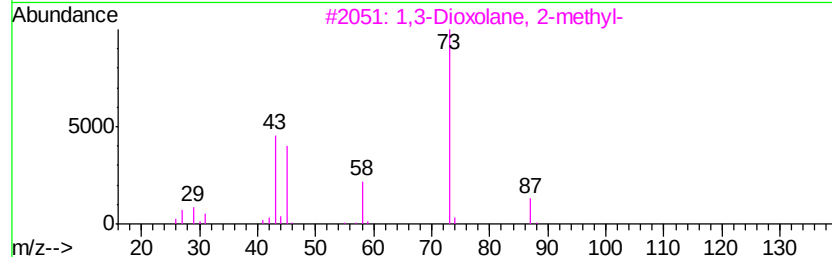
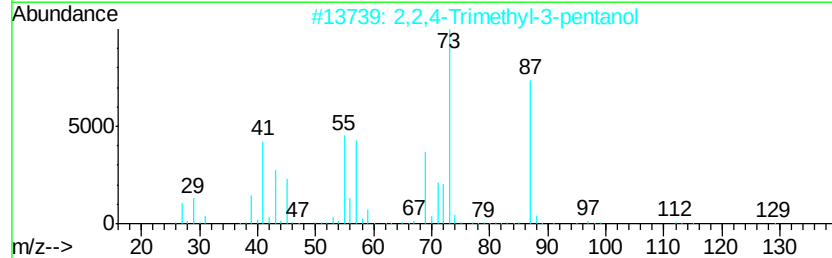
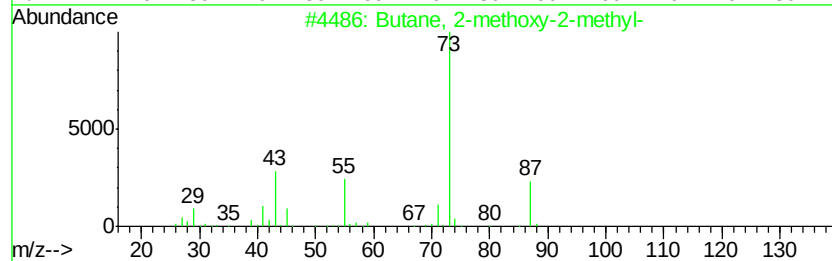
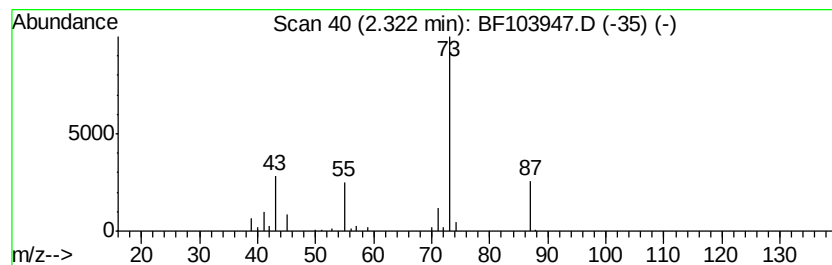
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	4.95 ng	189881	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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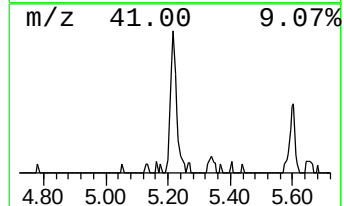
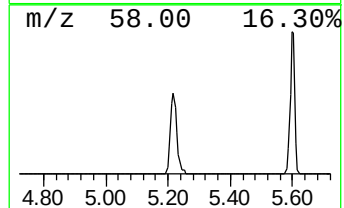
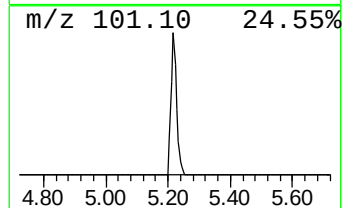
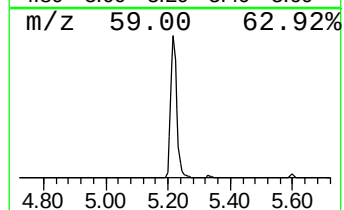
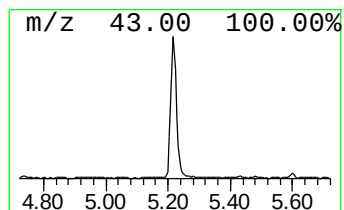
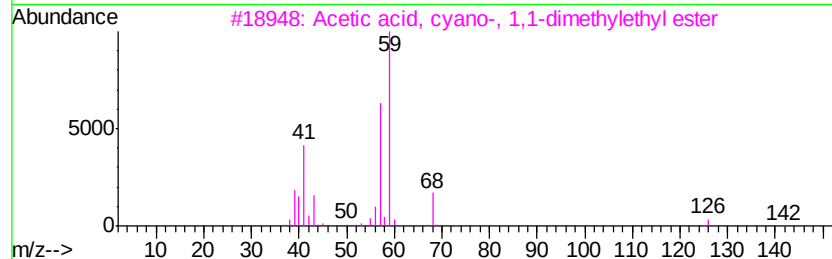
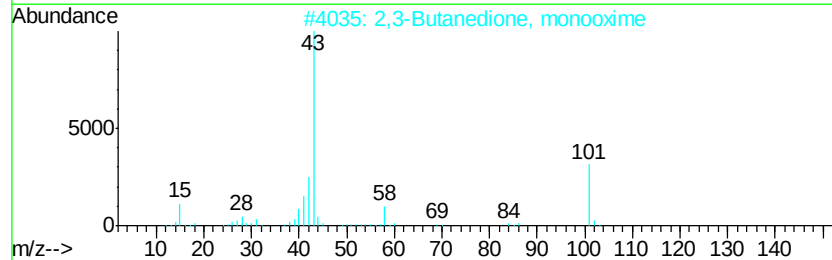
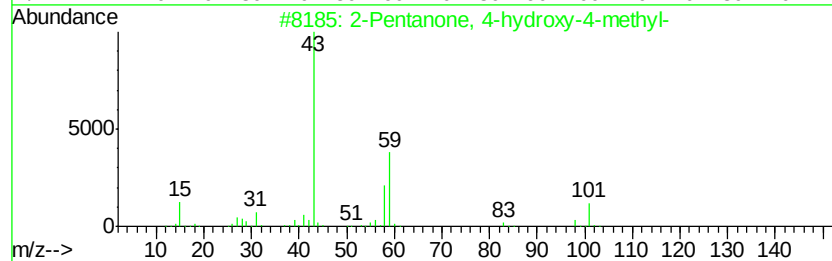
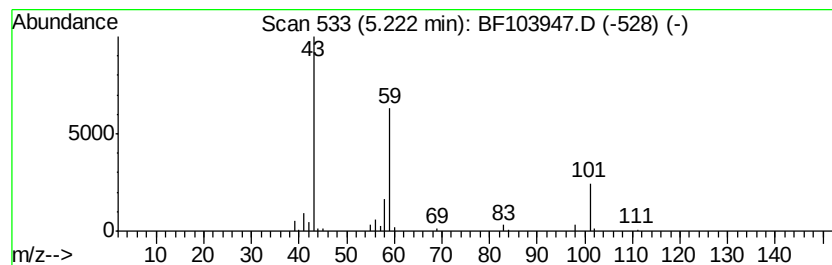
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.36 ng	167324	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5		5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9



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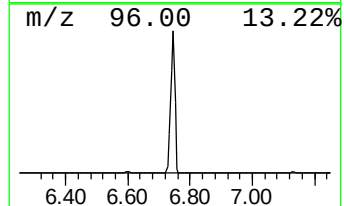
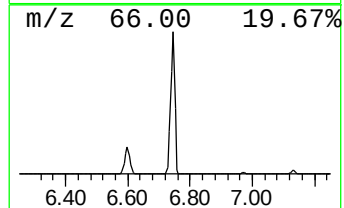
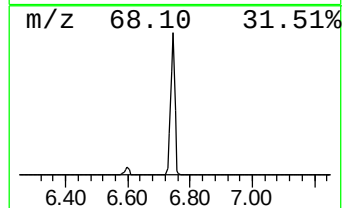
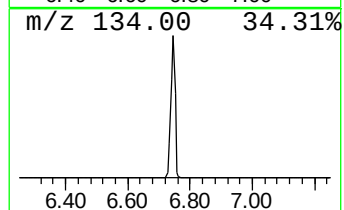
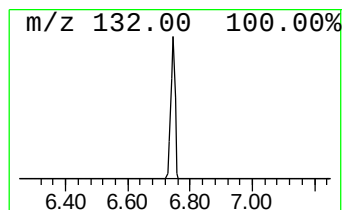
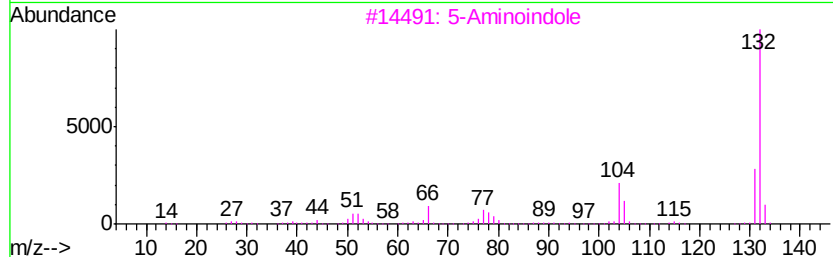
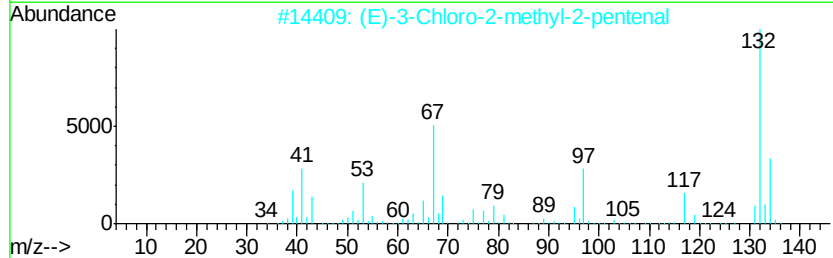
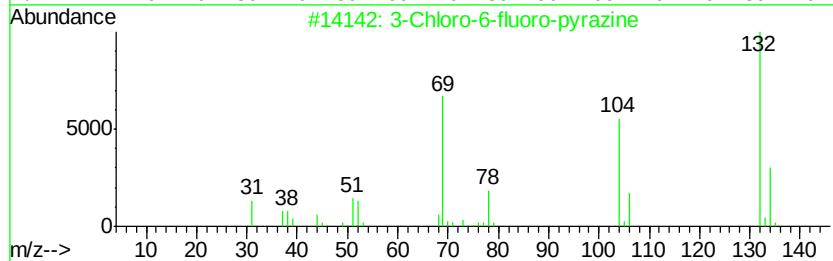
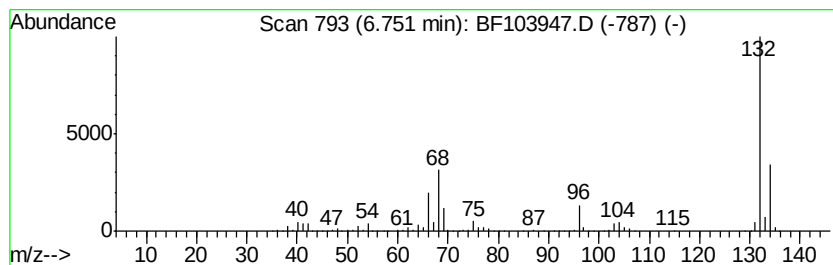
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	71.10 ng	2728030	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16	
3	5-Aminoindole	132	C8H8N2	005192-03-0	12	
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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Acq On : 27 Mar 2018 1:09
Operator : JU/SJ
Sample : J2009-03
Misc :
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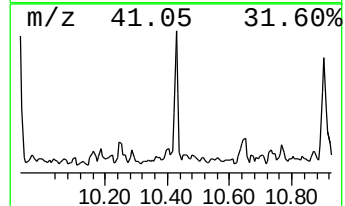
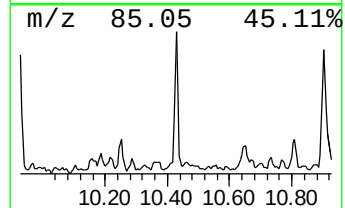
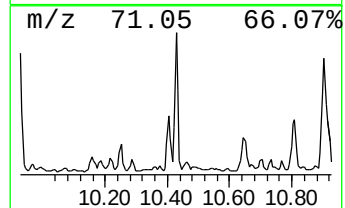
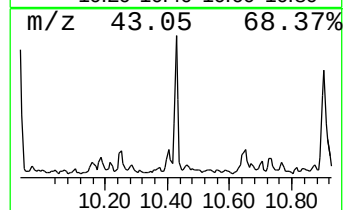
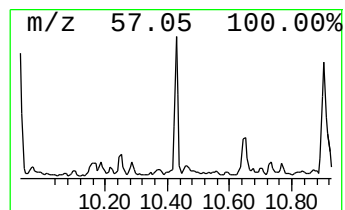
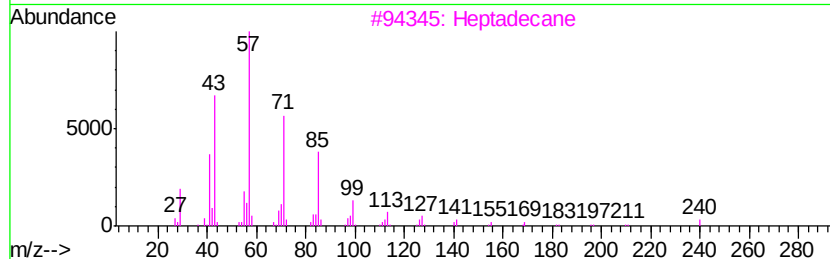
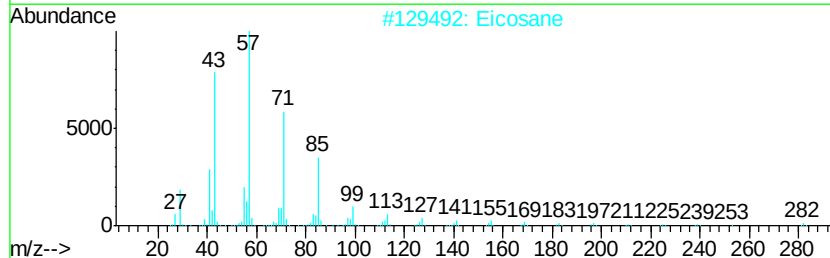
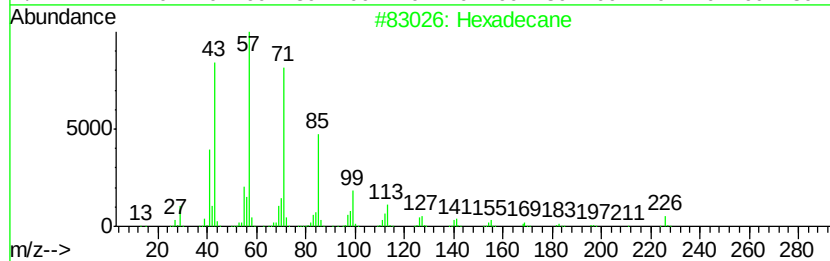
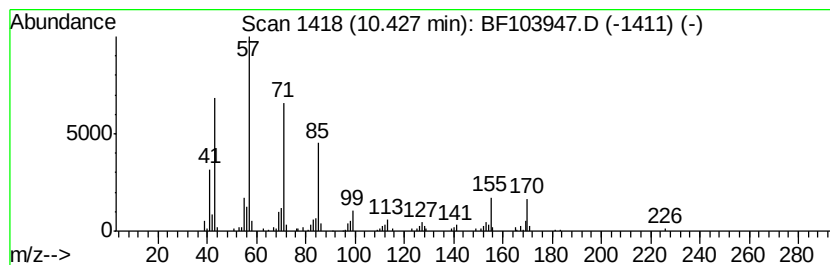
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.43	4.60 ng	231171	Acenaphthene-d10		10.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	72
3	Heptadecane	240	C17H36	000629-78-7	68
4	Tetradecane	198	C14H30	000629-59-4	68
5	Tetracosane	338	C24H50	000646-31-1	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103947.D
Acq On : 27 Mar 2018 1:09
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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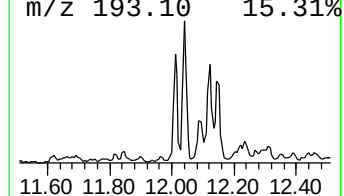
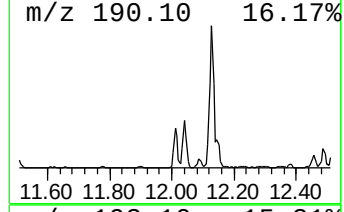
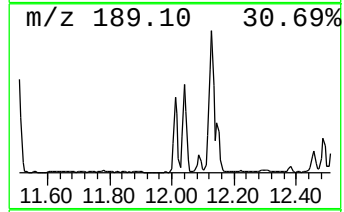
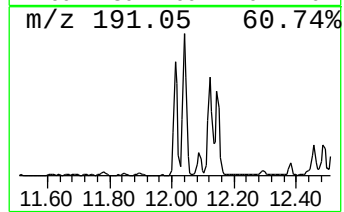
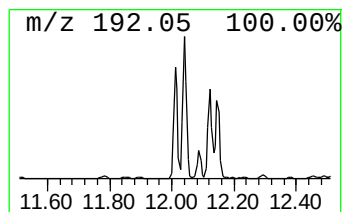
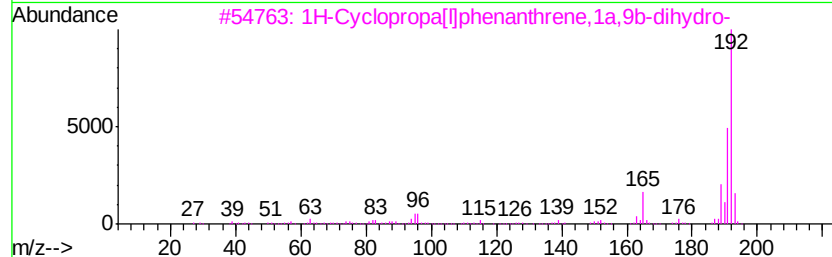
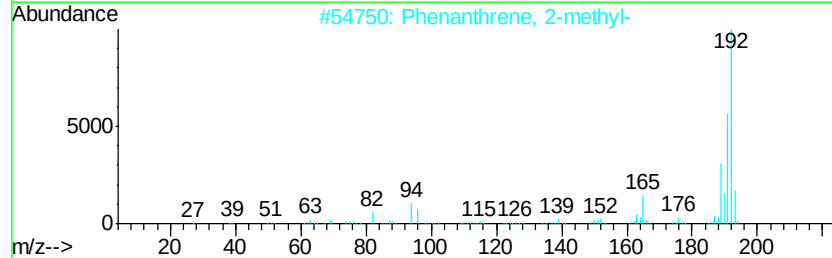
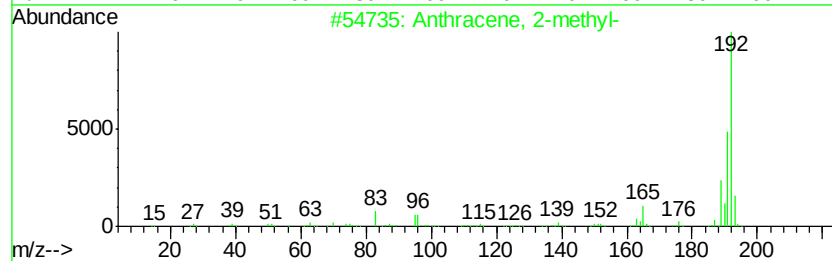
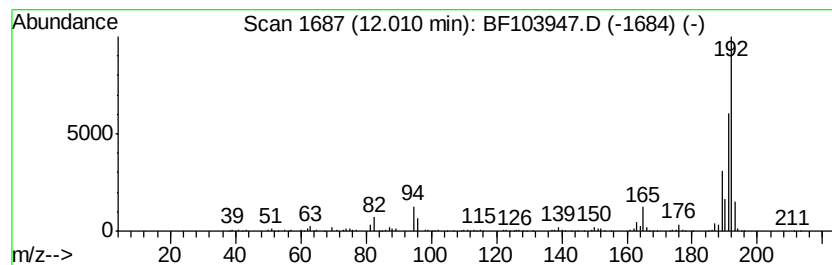
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	10.81 ng	500519	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
Data File : BF103947.D
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Misc :
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Instrument :
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ClientSampleId :
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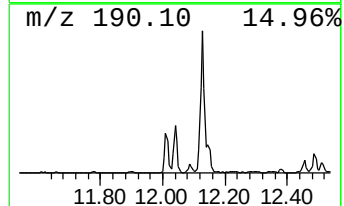
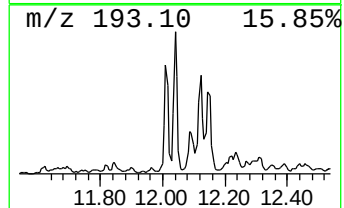
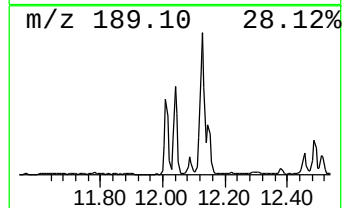
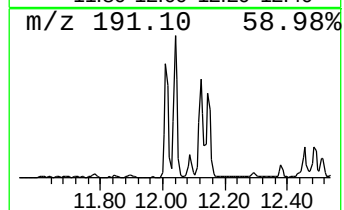
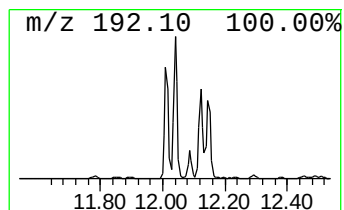
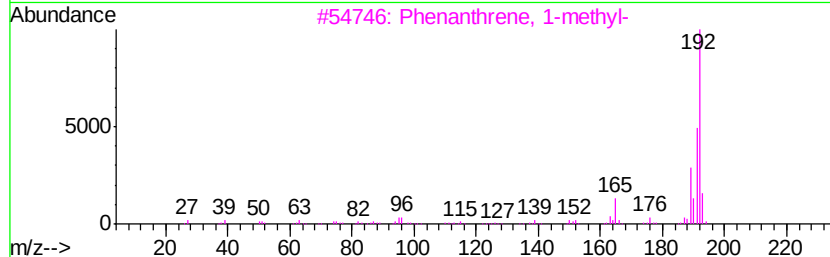
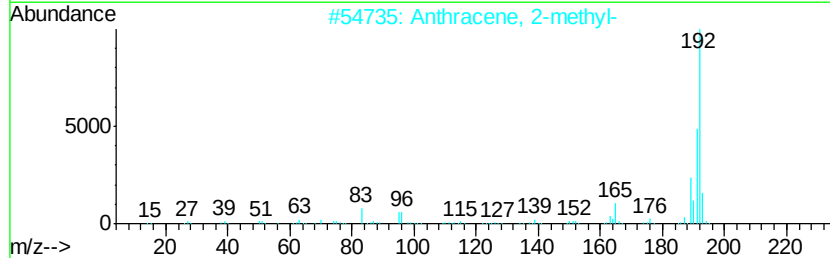
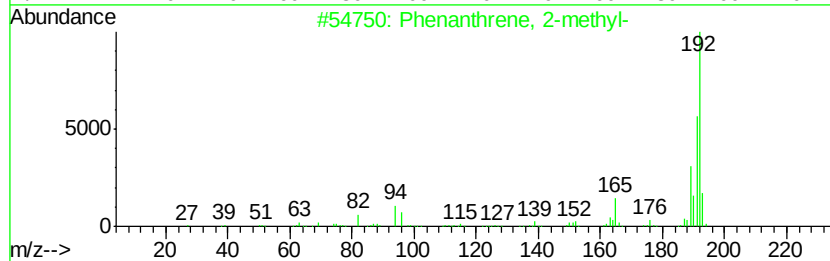
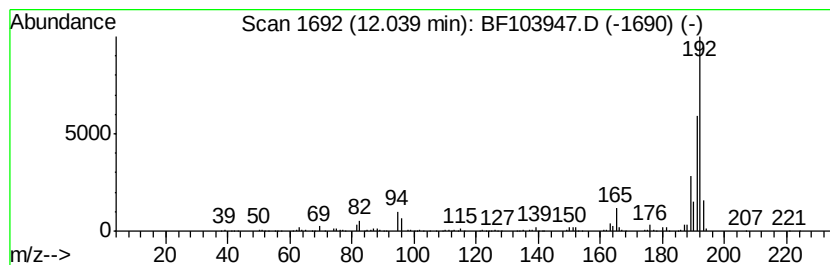
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	11.65 ng	539181	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95



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Data File : BF103947.D
Acq On : 27 Mar 2018 1:09
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Sample : J2009-03
Misc :
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ClientSampleId :
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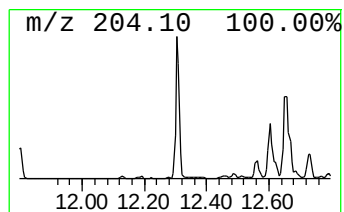
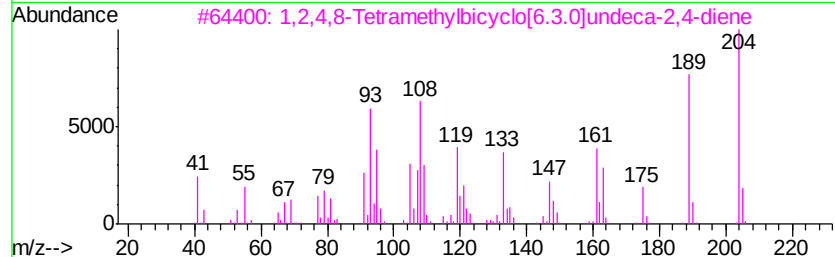
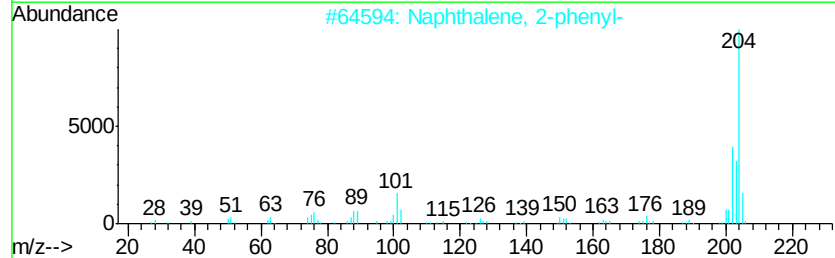
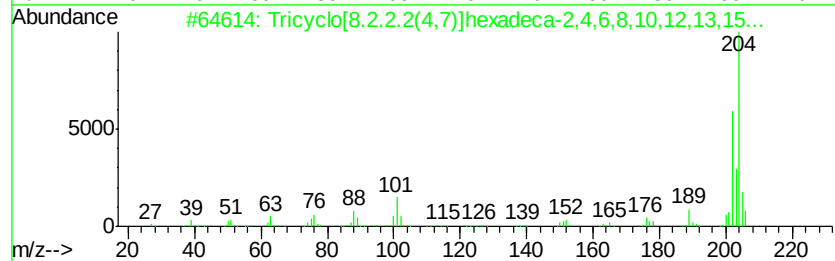
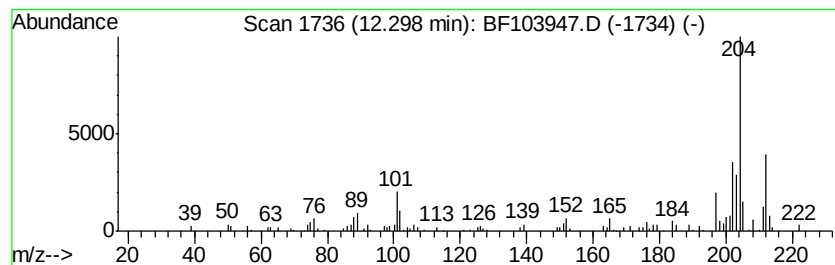
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.14 ng	191507	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	83
4			5,16[1',2']-8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



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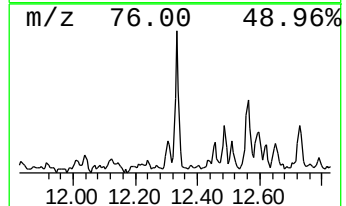
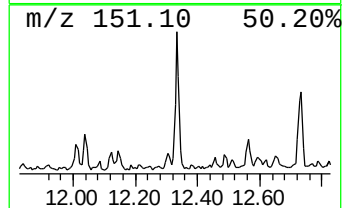
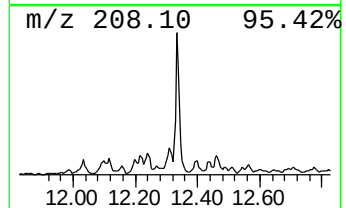
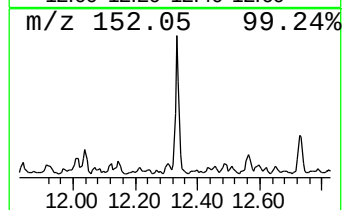
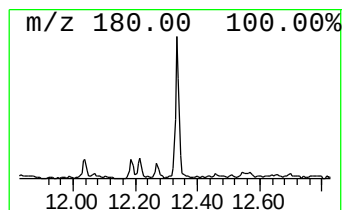
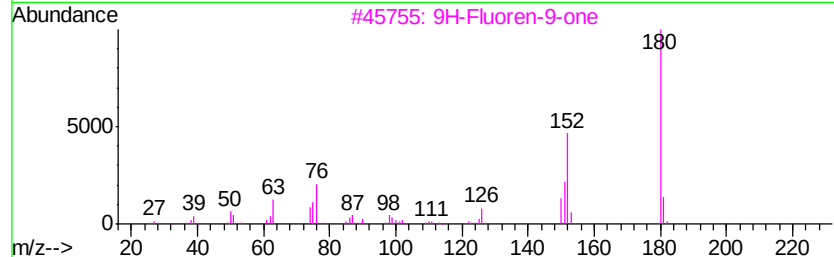
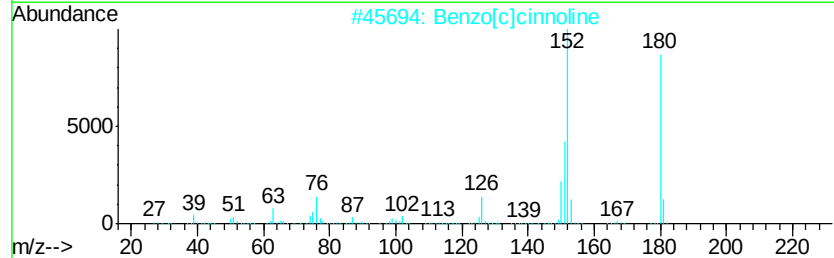
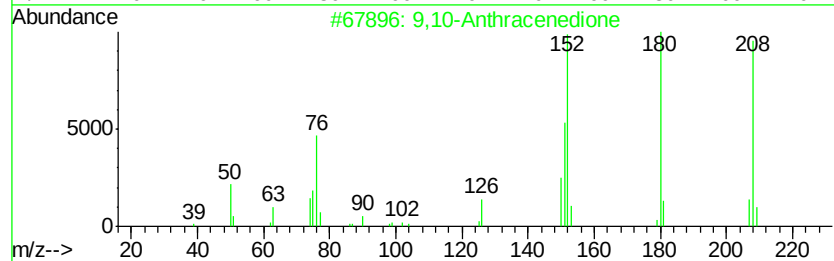
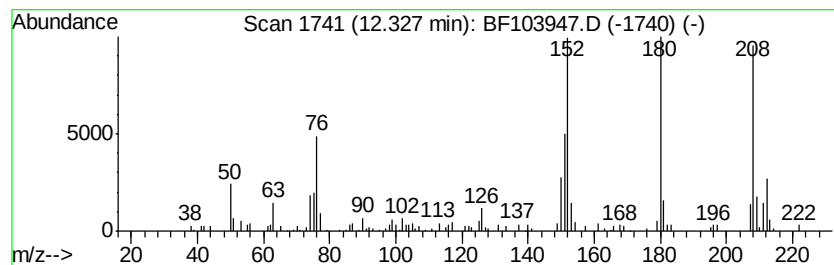
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	5.16 ng	239062	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



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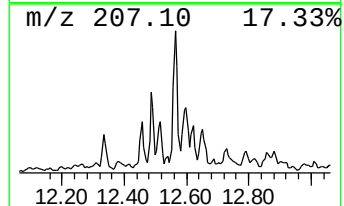
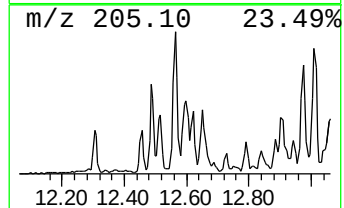
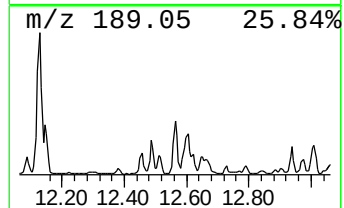
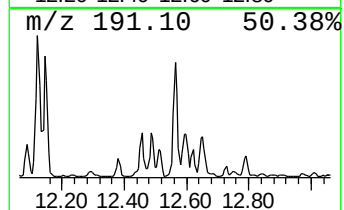
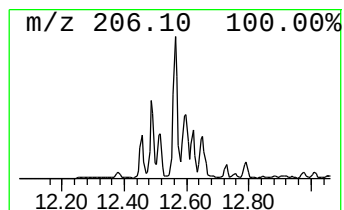
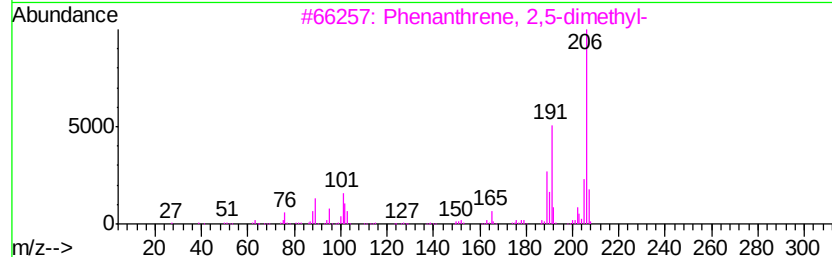
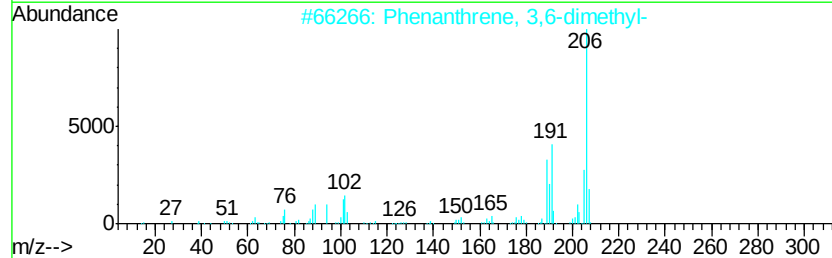
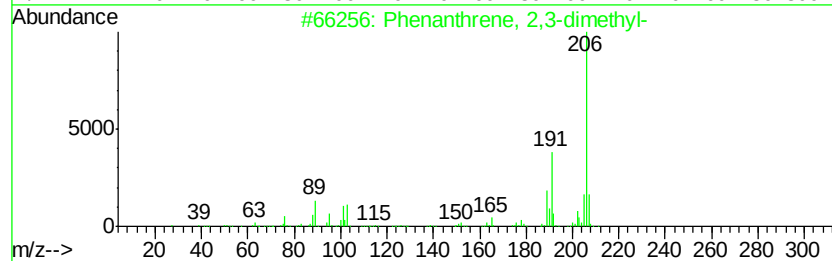
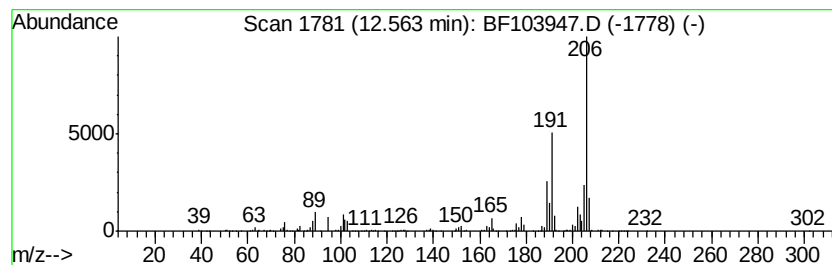
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	11.76 ng	544479	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
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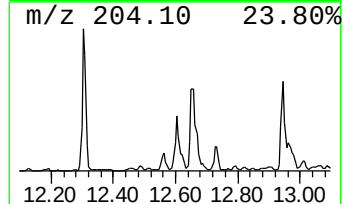
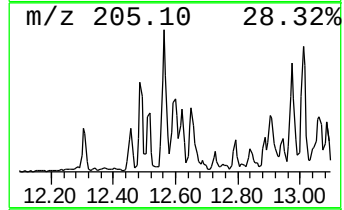
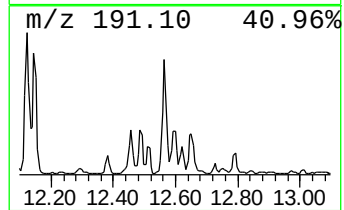
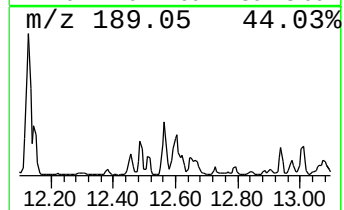
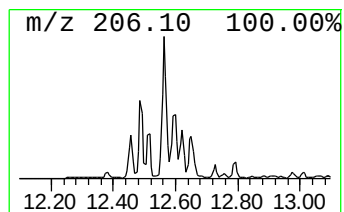
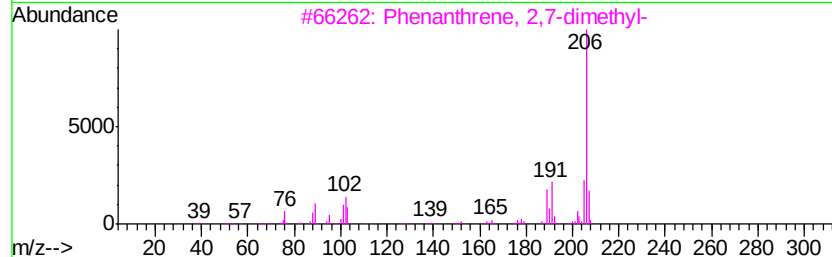
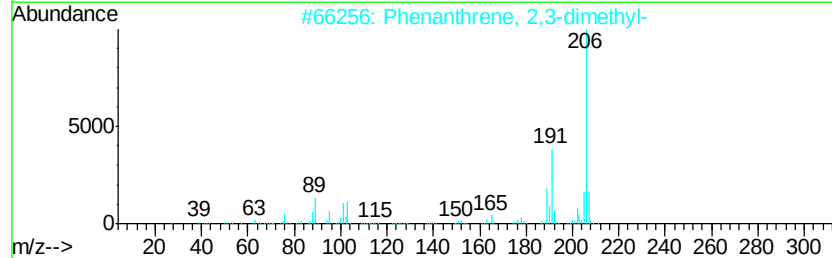
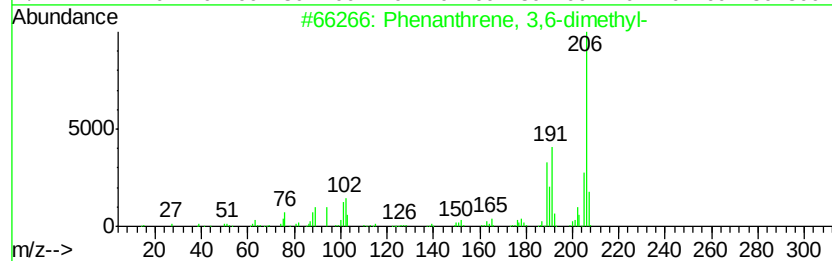
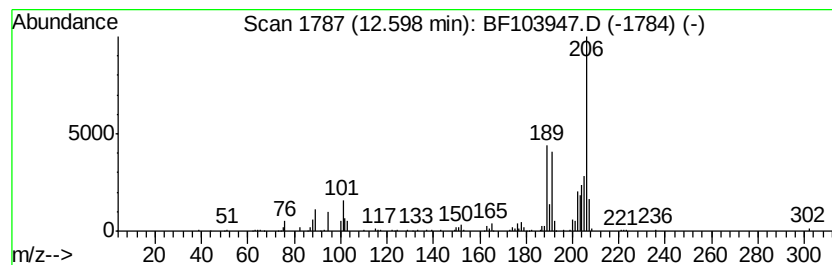
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.20 ng	194602	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	74
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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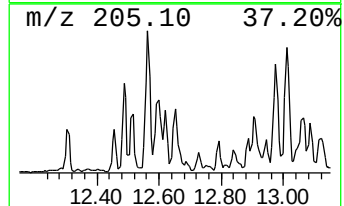
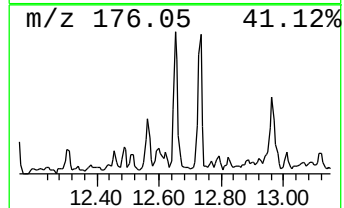
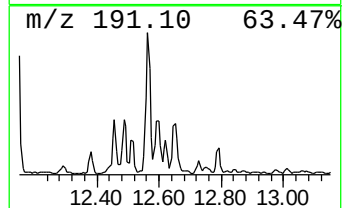
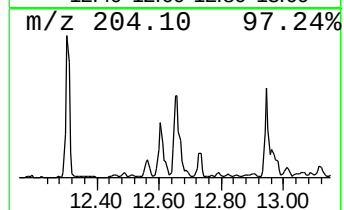
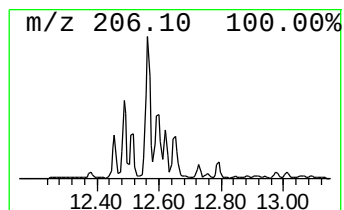
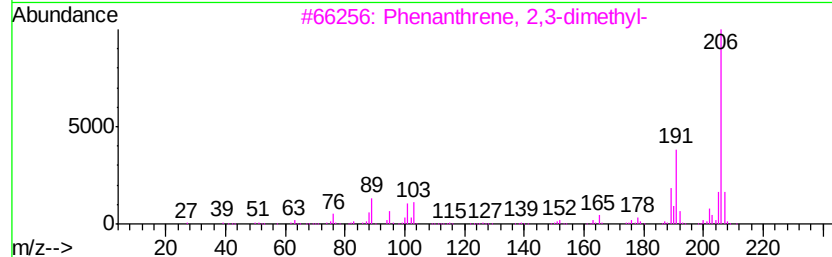
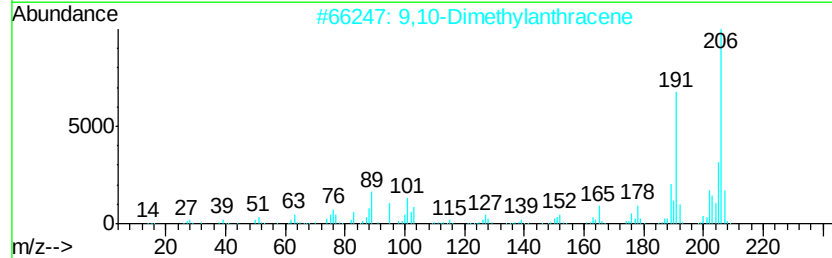
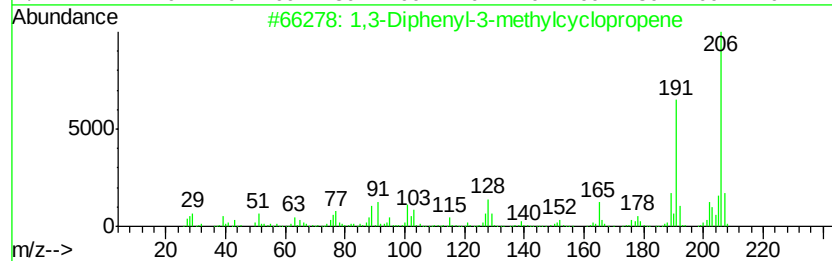
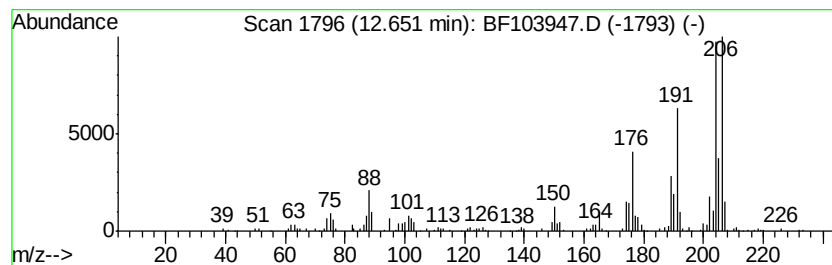
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,3-Diphenyl-3-methylcyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	6.64 ng	307160	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	89
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
4			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103947.D
Acq On : 27 Mar 2018 1:09
Operator : JU/SJ
Sample : J2009-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

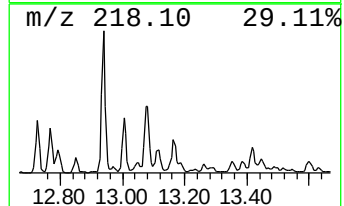
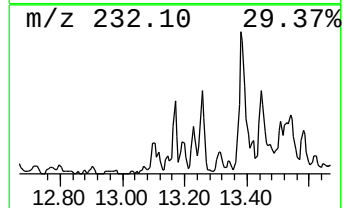
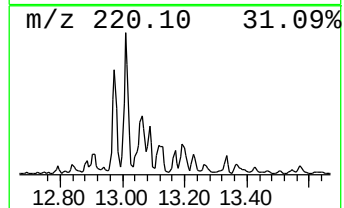
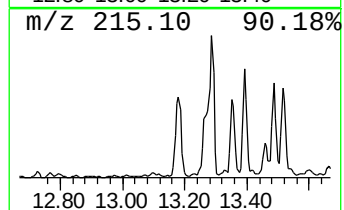
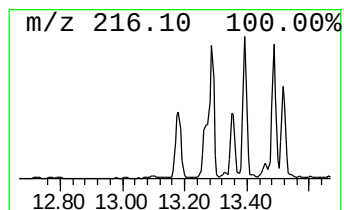
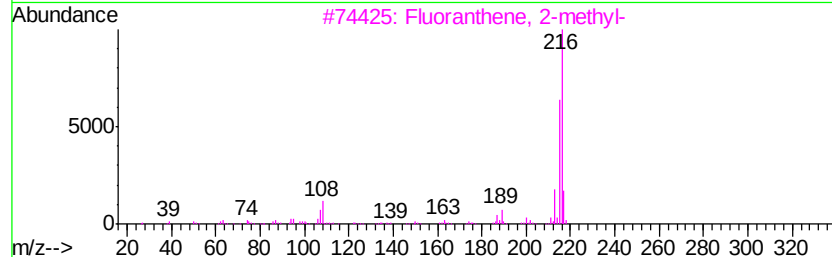
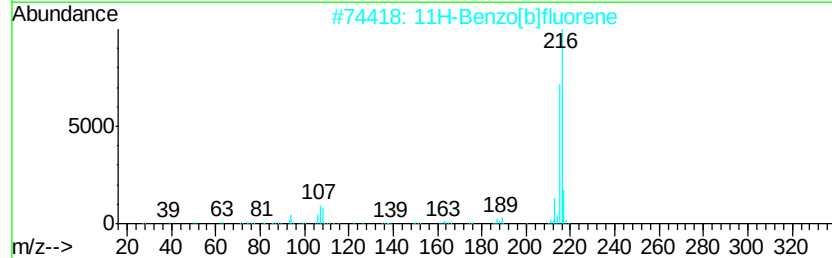
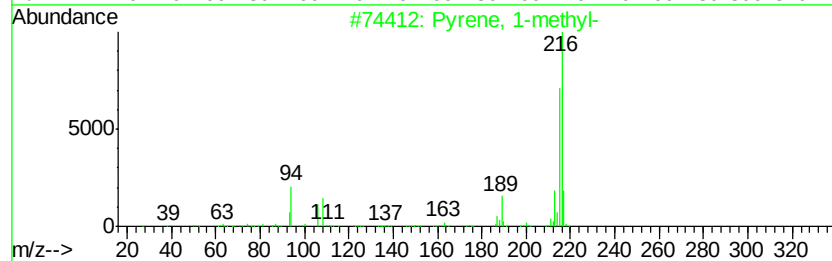
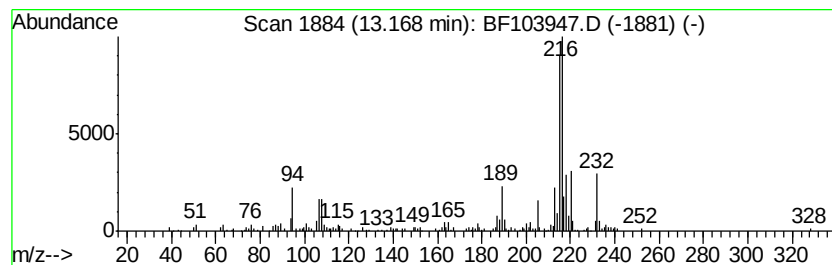
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.05 ng	431161	Chrysene-d12	14.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 97
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 92
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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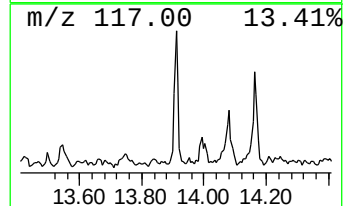
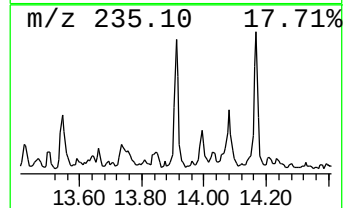
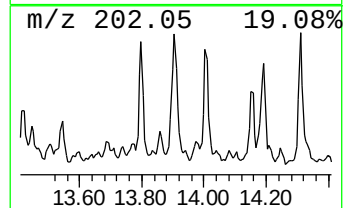
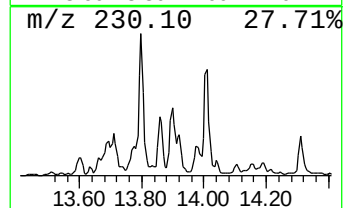
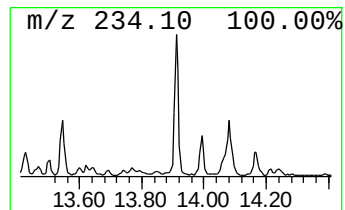
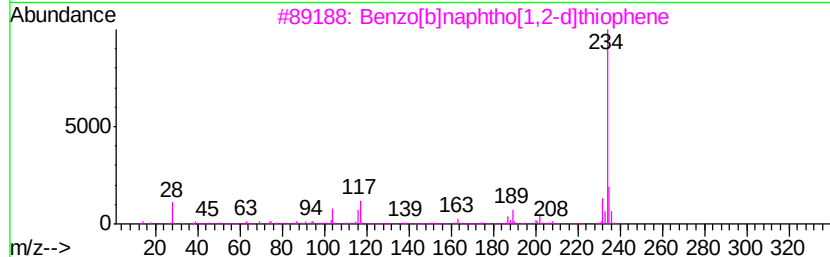
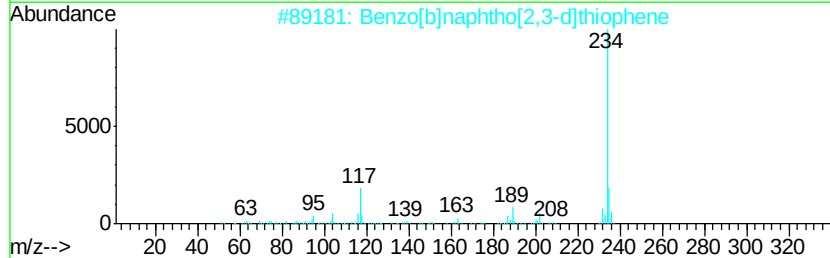
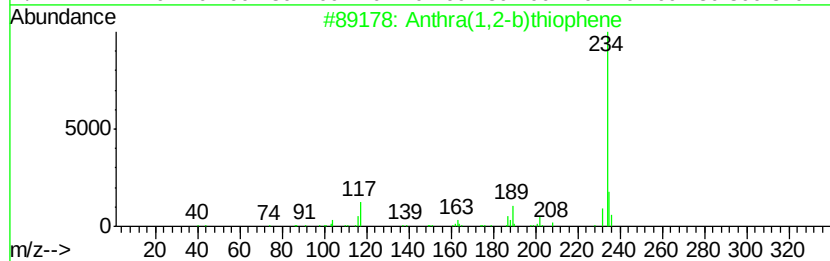
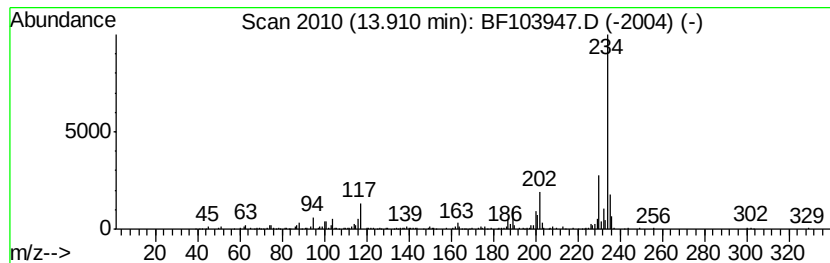
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthra(1,2-b)thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.91	4.12 ng	351508	Chrysene-d12	14.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	97
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	95
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
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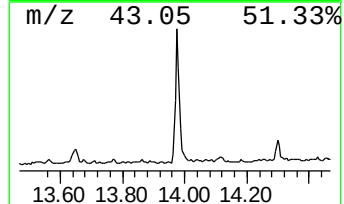
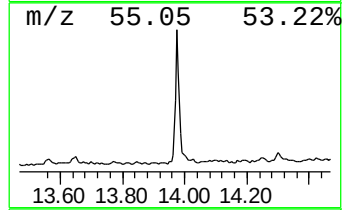
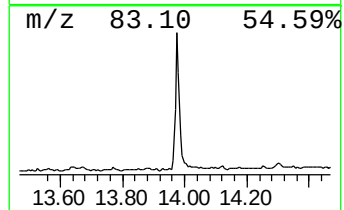
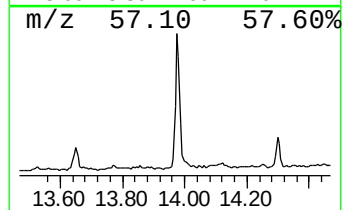
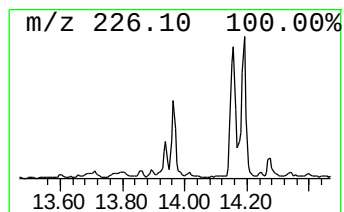
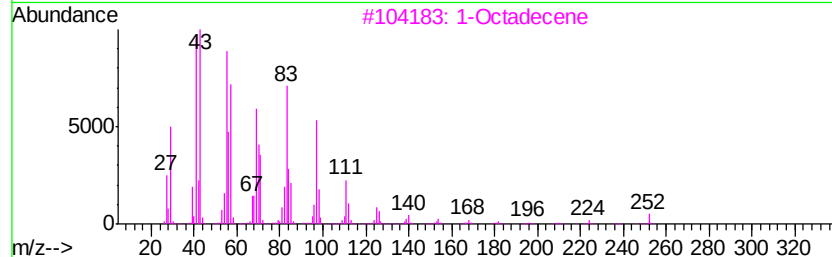
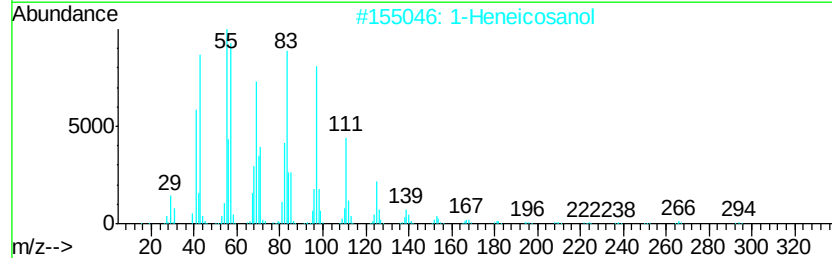
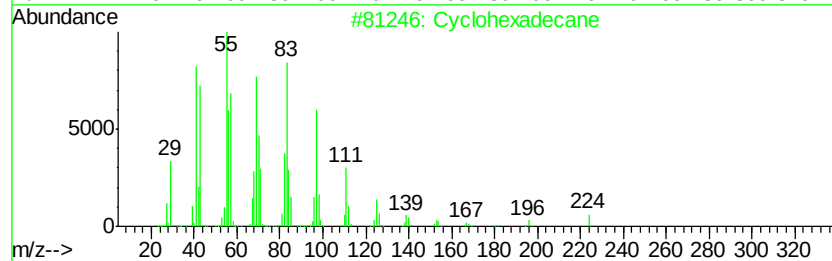
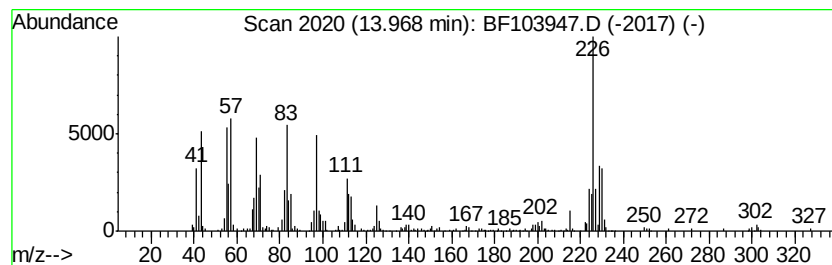
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.18 ng	612721	Chrysene-d12	14.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 95
2		1-Heneicosanol	312 C21H44O	015594-90-8 93
3		1-Octadecene	252 C18H36	000112-88-9 91
4		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 90
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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Sample : J2009-03
Misc :
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ClientSampleId :
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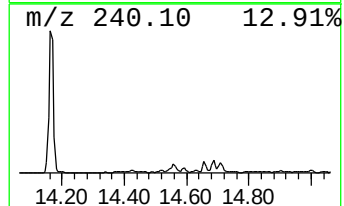
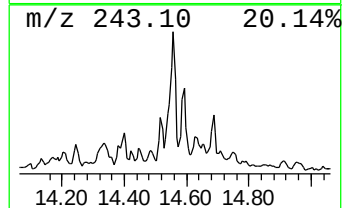
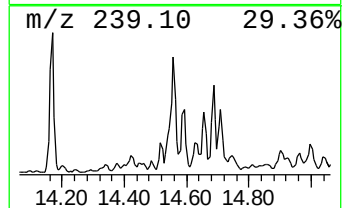
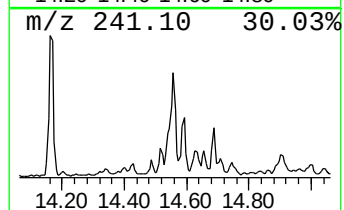
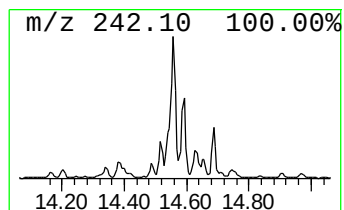
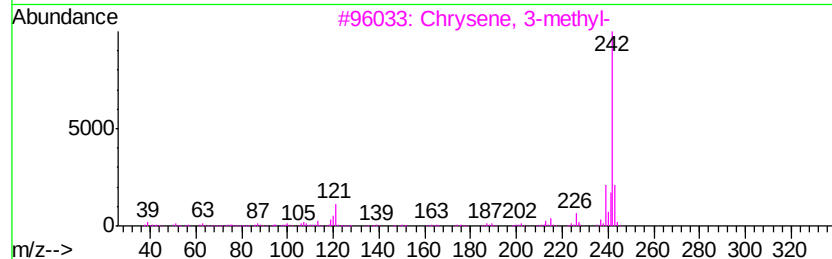
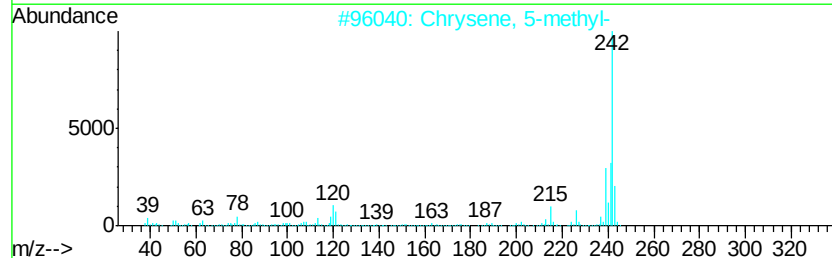
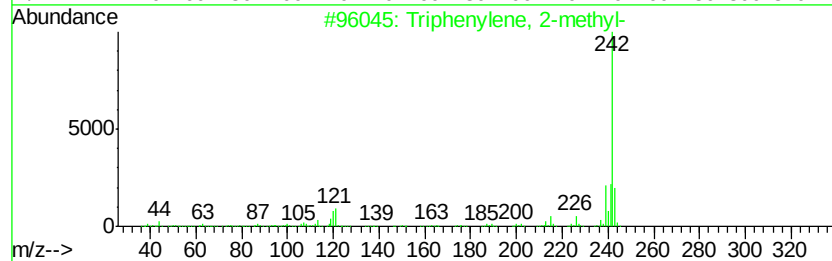
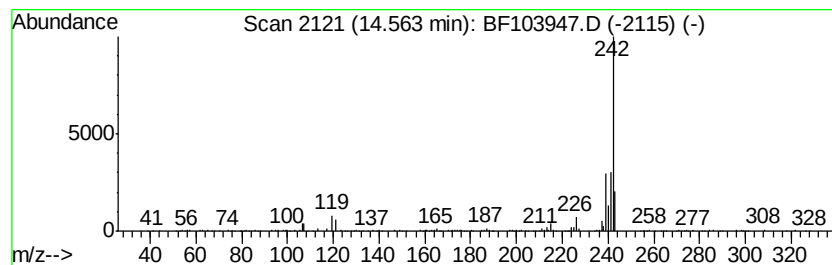
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.06 ng	431677	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2		Chrysene, 5-methyl-	242	C19H14	003697-24-3	94
3		Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4		Benz[<i>a</i>]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5		Benz[<i>a</i>]anthracene, 1-methyl-	242	C19H14	002498-77-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
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Sample : J2009-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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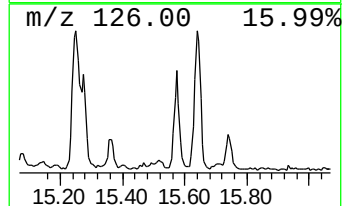
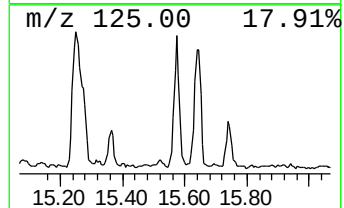
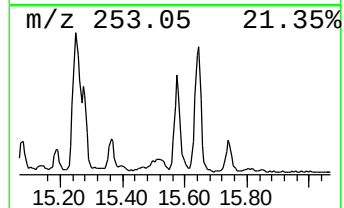
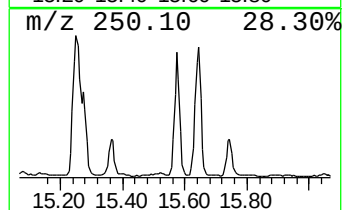
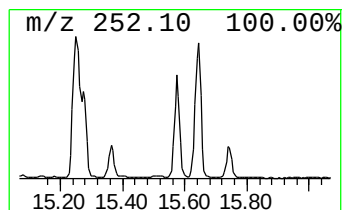
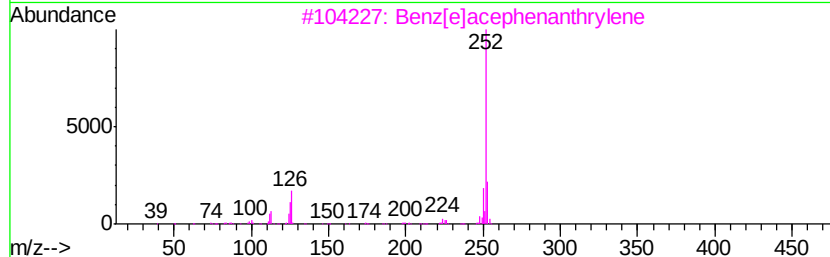
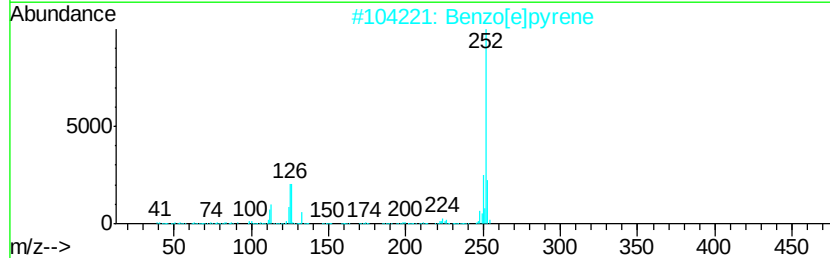
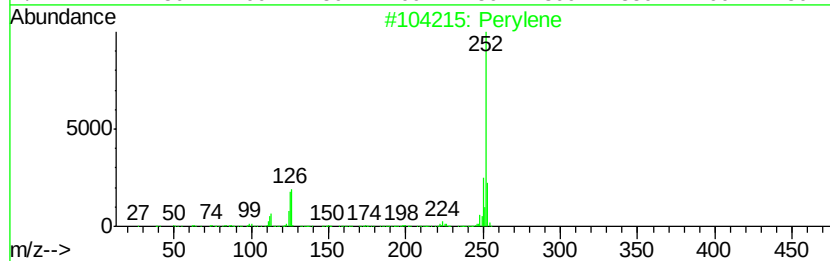
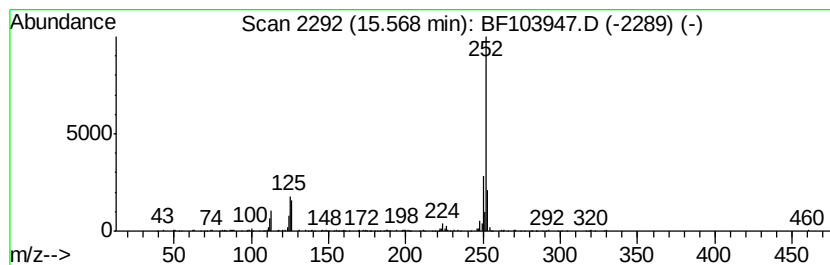
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	12.98 ng	439354	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[el]pyrene	252	C20H12	000192-97-2	98
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	98
4		Benzo[al]pyrene	252	C20H12	000050-32-8	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
 Data File : BF103947.D
 Acq On : 27 Mar 2018 1:09
 Operator : JU/SJ
 Sample : J2009-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	5.0	ng	189881	1	6.97	767418	20.0
2-Pentanone, 4-hy...	5.22	4.4	ng	167324	1	6.97	767418	20.0
unknown6.75	6.75	71.1	ng	2728030	1	6.97	767418	20.0
Hexadecane	10.43	4.6	ng	231171	3	10.02	1004650	20.0
Anthracene, 2-met...	12.01	10.8	ng	500519	4	11.51	925827	20.0
Phenanthrene, 2-m...	12.04	11.7	ng	539181	4	11.51	925827	20.0
Tricyclo[8.2.2.2(...	12.30	4.1	ng	191507	4	11.51	925827	20.0
9,10-Anthracenedione	12.33	5.2	ng	239062	4	11.51	925827	20.0
Phenanthrene, 2,3...	12.56	11.8	ng	544479	4	11.51	925827	20.0
Phenanthrene, 3,6...	12.60	4.2	ng	194602	4	11.51	925827	20.0
1,3-Diphenyl-3-me...	12.65	6.6	ng	307160	4	11.51	925827	20.0
Pyrene, 1-methyl-	13.17	5.0	ng	431161	5	14.16	1706140	20.0
Anthra(1,2-b)thio...	13.91	4.1	ng	351508	5	14.16	1706140	20.0
Cyclohexadecane	13.97	7.2	ng	612721	5	14.16	1706140	20.0
Triphenylene, 2-m...	14.56	5.1	ng	431677	5	14.16	1706140	20.0
Perylene	15.57	13.0	ng	439354	6	15.71	676943	20.0