

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102023.D
 Acq On : 11 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1081-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-1(0-5)

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-BF010918.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	4.940	476	485	493	rBV	312362	469742	8.99%	0.740%
2	5.340	547	553	556	rBV	4688139	5162323	98.78%	8.135%
3	6.363	721	727	731	rBV	4237400	5226144	100.00%	8.235%
4	6.498	744	750	753	rBV	5002607	5050379	96.64%	7.958%
5	6.728	785	789	792	rBV	1636346	1342700	25.69%	2.116%
6	6.881	811	815	819	rBV	3854647	3928306	75.17%	6.190%
7	7.292	879	885	888	rBV	3125495	3339409	63.90%	5.262%
8	8.010	1002	1007	1009	rBV	1864708	1727054	33.05%	2.722%
9	9.086	1184	1190	1193	rBV	5162555	4713647	90.19%	7.428%
10	9.169	1200	1204	1206	rBV	102511	89795	1.72%	0.142%
11	9.480	1253	1257	1260	rBV	794911	640215	12.25%	1.009%
12	9.622	1277	1281	1286	rBV	504950	444727	8.51%	0.701%
13	9.698	1291	1294	1297	rVB	244332	193667	3.71%	0.305%
14	9.757	1301	1304	1308	rVB	1756086	1615594	30.91%	2.546%
15	10.016	1344	1348	1352	rBV4	50511	52818	1.01%	0.083%
16	10.192	1375	1378	1383	rVB2	235979	199969	3.83%	0.315%
17	10.304	1394	1397	1404	rVB4	43511	59973	1.15%	0.095%
18	10.416	1411	1416	1418	rBV	71830	90184	1.73%	0.142%
19	10.545	1433	1438	1441	rBV	2527367	2390595	45.74%	3.767%
20	10.669	1456	1459	1468	rVB	229627	249397	4.77%	0.393%
21	11.116	1532	1535	1537	rBV2	71282	57673	1.10%	0.091%
22	11.139	1537	1539	1545	rVB2	49977	57148	1.09%	0.090%
23	11.239	1552	1556	1558	rBV	1531400	1339307	25.63%	2.110%
24	11.263	1558	1560	1564	rVV	734652	570109	10.91%	0.898%
25	11.316	1564	1569	1572	rVV	197849	189805	3.63%	0.299%
26	11.345	1572	1574	1578	rVB2	81522	80209	1.53%	0.126%
27	11.469	1589	1595	1597	rBV2	67278	79307	1.52%	0.125%
28	11.739	1635	1641	1643	rBV	156641	143951	2.75%	0.227%
29	11.769	1643	1646	1651	rVV2	323492	327361	6.26%	0.516%
30	11.810	1651	1653	1656	rVV2	107931	113541	2.17%	0.179%
31	11.851	1656	1660	1662	rVV	303065	301376	5.77%	0.475%
32	11.874	1662	1664	1668	rVB	124377	101423	1.94%	0.160%
33	12.039	1689	1692	1693	rBV	110724	94005	1.80%	0.148%
34	12.057	1693	1695	1698	rVB	227701	180399	3.45%	0.284%

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35	12.286	1731	1734	1737	rBV	113858	122464	2.34%	0.193%
36	12.327	1737	1741	1743	rVV2	70218	94477	1.81%	0.149%
37	12.374	1746	1749	1754	rVV2	97097	112011	2.14%	0.177%
38	12.451	1758	1762	1766	rVV	2167790	1915562	36.65%	3.019%
39	12.510	1766	1772	1775	rVV2	49015	78606	1.50%	0.124%
40	12.545	1775	1778	1781	rVV	250218	220650	4.22%	0.348%
41	12.598	1785	1787	1794	rVB3	67659	100947	1.93%	0.159%
42	12.680	1794	1801	1804	rBV	1784747	1811358	34.66%	2.854%
43	12.727	1807	1809	1814	rVB3	103262	112455	2.15%	0.177%
44	12.798	1817	1821	1822	rBV	109857	104105	1.99%	0.164%
45	12.827	1822	1826	1830	rVV	2964571	2841095	54.36%	4.477%
46	12.898	1833	1838	1841	rBV3	132188	214862	4.11%	0.339%
47	12.980	1849	1852	1854	rBV3	108096	127255	2.43%	0.201%
48	13.004	1854	1856	1859	rVB	333257	305475	5.85%	0.481%
49	13.033	1859	1861	1864	rBV2	45653	58092	1.11%	0.092%
50	13.074	1864	1868	1870	rBV	247400	232686	4.45%	0.367%
51	13.110	1870	1874	1877	rBV2	199071	202974	3.88%	0.320%
52	13.169	1881	1884	1887	rBV2	71496	94387	1.81%	0.149%
53	13.198	1887	1889	1892	rVB	85081	82635	1.58%	0.130%
54	13.227	1892	1894	1899	rBV2	96793	109037	2.09%	0.172%
55	13.310	1906	1908	1913	rVB4	61546	69805	1.34%	0.110%
56	13.386	1917	1921	1923	rBV4	52815	79728	1.53%	0.126%
57	13.510	1939	1942	1947	rVB	149018	158111	3.03%	0.249%
58	13.621	1957	1961	1964	rBV3	179742	233888	4.48%	0.369%
59	13.651	1964	1966	1968	rVV	165648	140695	2.69%	0.222%
60	13.674	1968	1970	1974	rVV2	157680	212165	4.06%	0.334%
61	13.721	1975	1978	1984	rVB2	595584	618903	11.84%	0.975%
62	13.868	1999	2003	2007	rBV2	1486411	2303030	44.07%	3.629%
63	13.898	2007	2008	2014	rVB	904319	787276	15.06%	1.241%
64	13.980	2019	2022	2024	rBV	96908	69158	1.32%	0.109%
65	14.015	2025	2028	2031	rBV	179713	139530	2.67%	0.220%
66	14.086	2038	2040	2041	rBV	63225	64168	1.23%	0.101%
67	14.227	2061	2064	2065	rBV	56073	60286	1.15%	0.095%
68	14.257	2067	2069	2072	rVV	209207	232075	4.44%	0.366%
69	14.292	2073	2075	2079	rVV3	181764	210239	4.02%	0.331%
70	14.351	2083	2085	2088	rVV2	196272	234768	4.49%	0.370%
71	14.380	2088	2090	2092	rVV	134667	137451	2.63%	0.217%

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72	14.404	2092	2094	2098	rVB2	129331	136143	2.61%	0.215%
73	14.510	2109	2112	2116	rBV3	97612	96804	1.85%	0.153%
74	14.633	2131	2133	2138	rBV6	66996	110862	2.12%	0.175%
75	14.892	2172	2177	2180	rBV	1124450	1747580	33.44%	2.754%
76	14.992	2190	2194	2198	rVB	369448	381100	7.29%	0.601%
77	15.174	2221	2225	2231	rVB	684626	862088	16.50%	1.358%
78	15.233	2231	2235	2241	rBV	1008762	1211867	23.19%	1.910%
79	15.298	2241	2246	2249	rVV	873728	1169111	22.37%	1.842%
80	15.321	2249	2250	2256	rVB2	372897	392681	7.51%	0.619%
81	16.668	2473	2479	2487	rVB2	490747	952671	18.23%	1.501%
82	17.086	2543	2550	2564	rVB	370969	811772	15.53%	1.279%
83	17.304	2583	2587	2597	rVB2	133215	271889	5.20%	0.428%

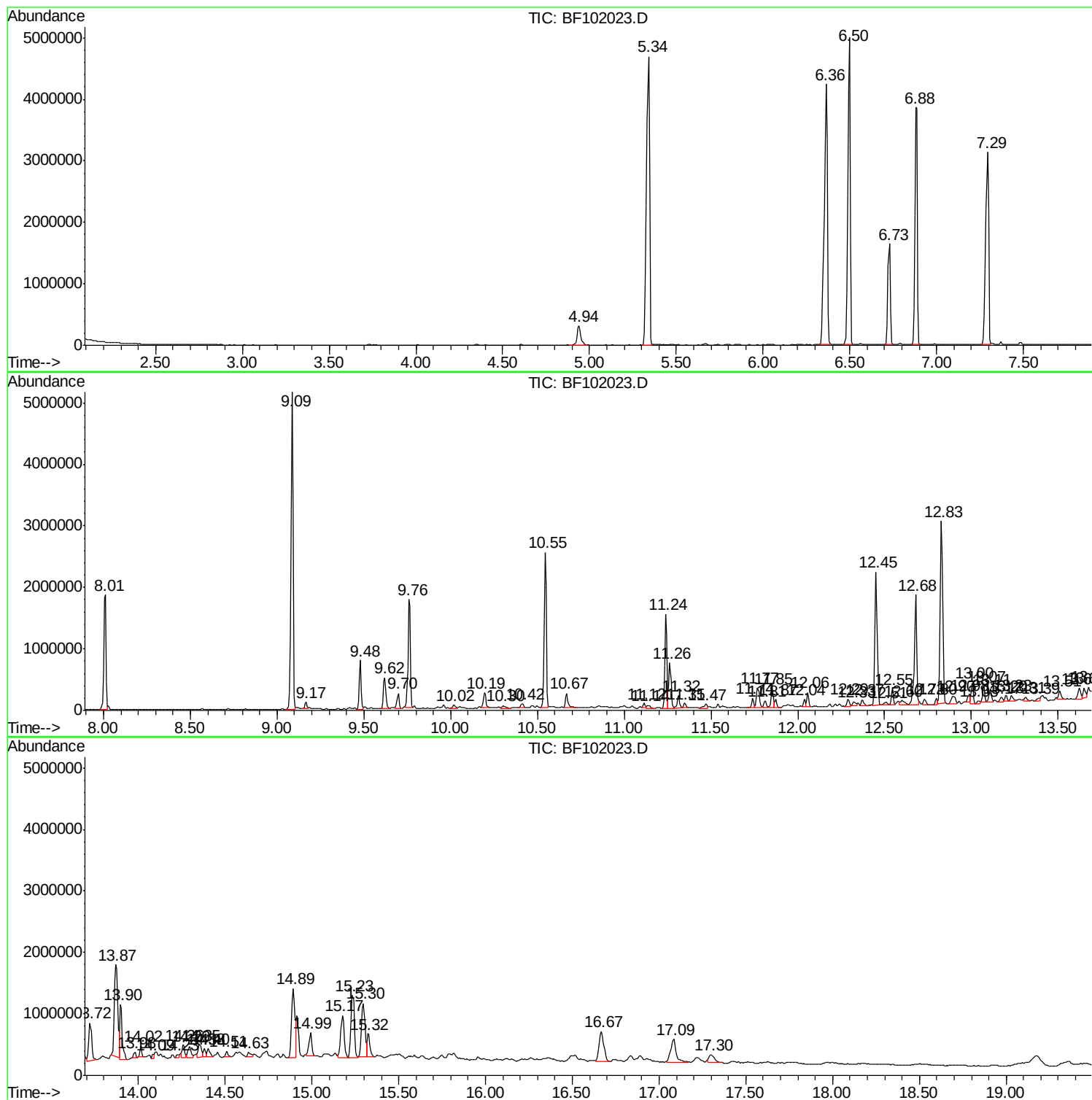
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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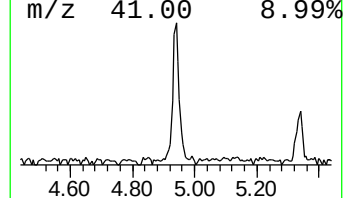
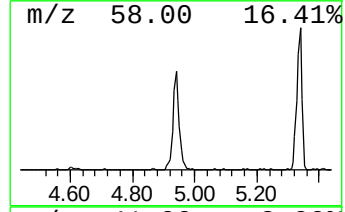
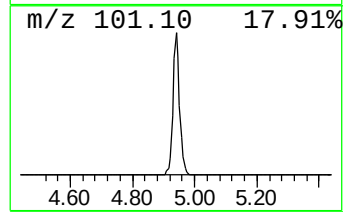
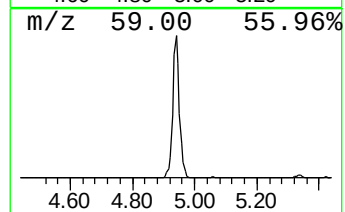
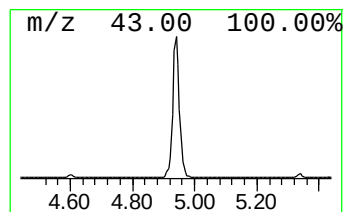
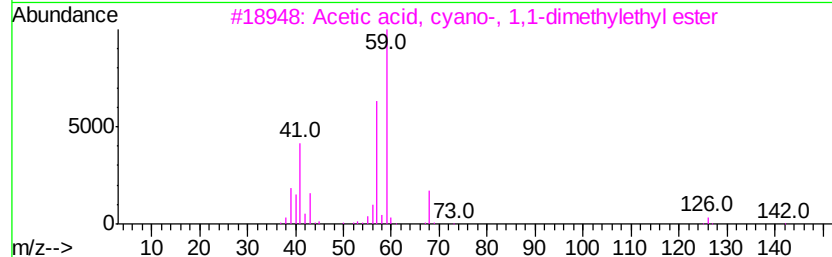
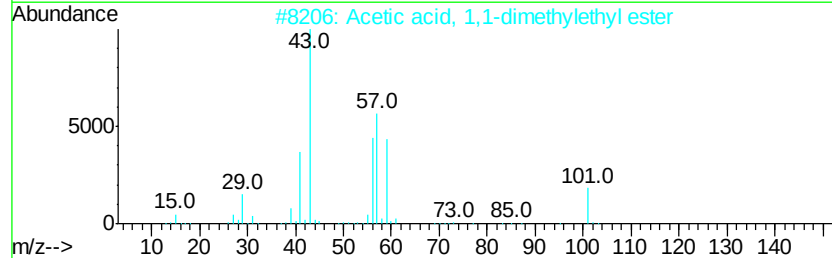
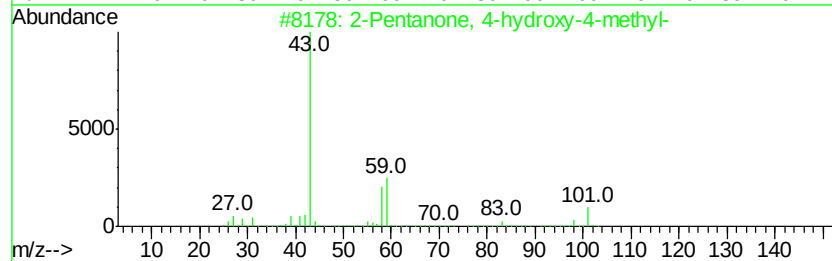
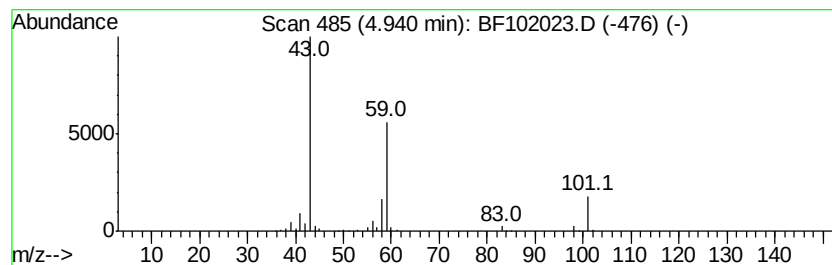
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	7.00 ng	469742	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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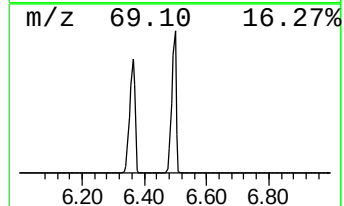
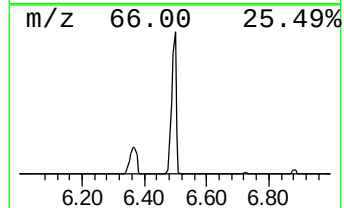
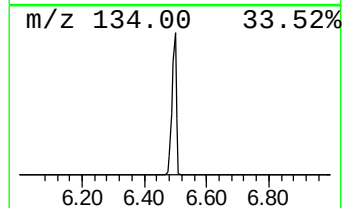
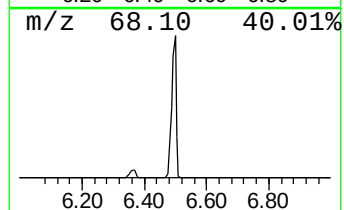
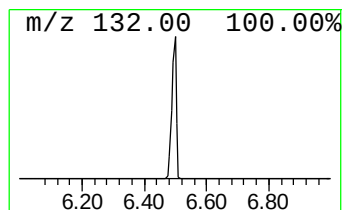
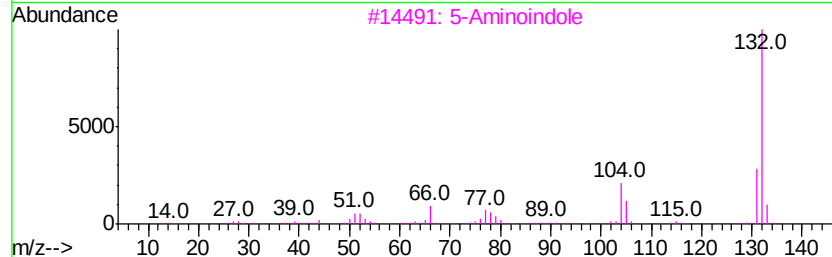
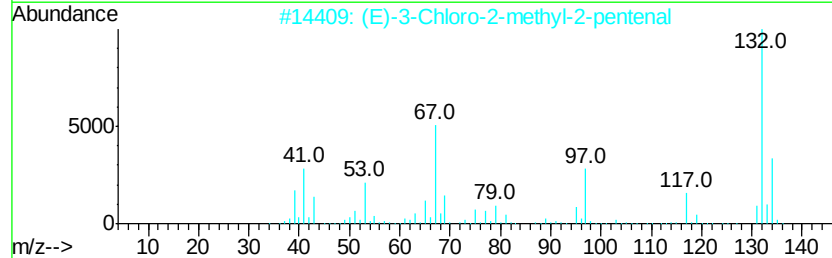
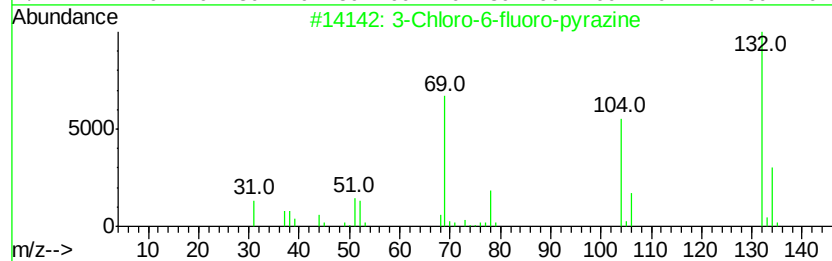
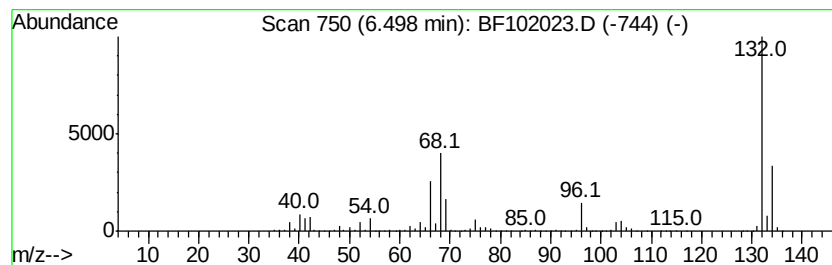
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	75.23 ng	5050380	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	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	17
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene			132	C6H3F3	000372-38-3	9



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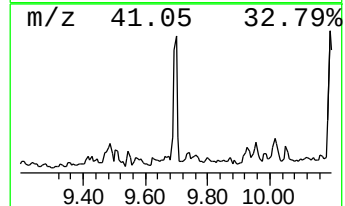
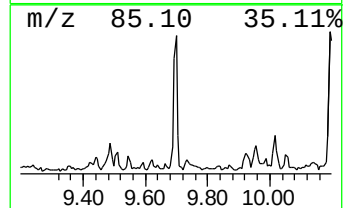
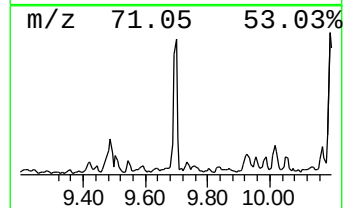
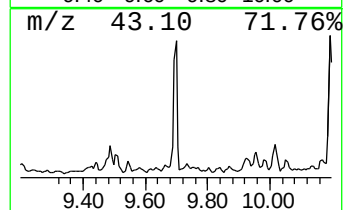
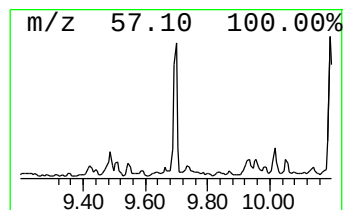
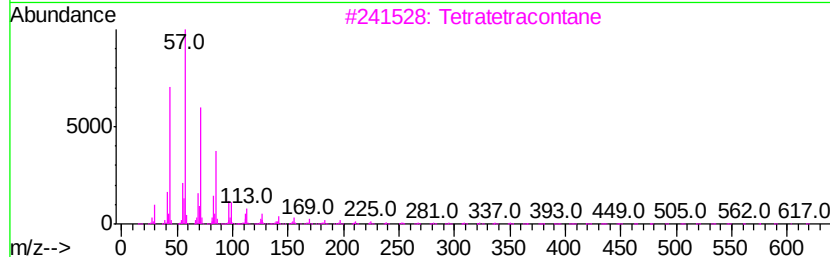
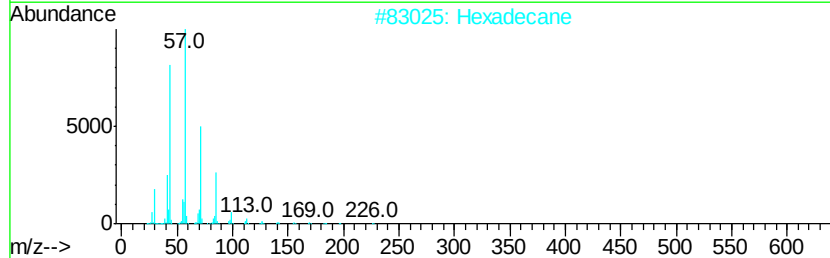
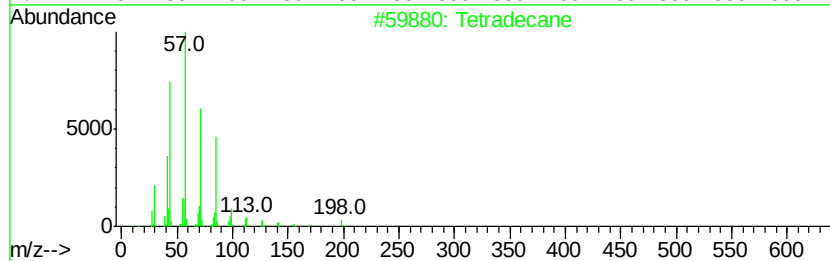
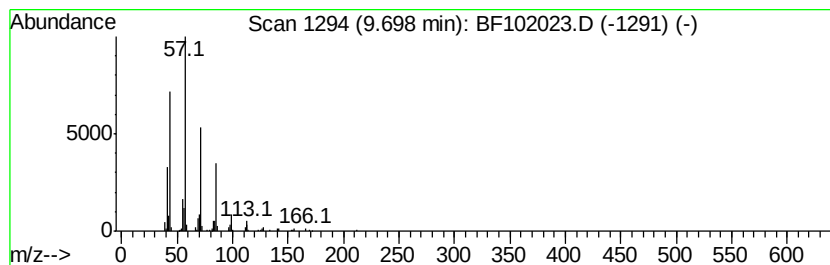
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.40 ng	193667	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetratetracontane	619	C44H90	007098-22-8	78
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



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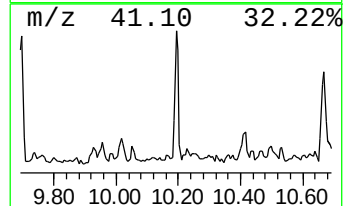
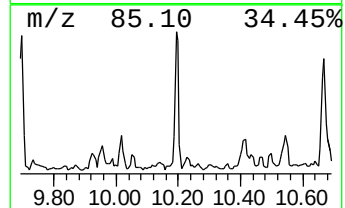
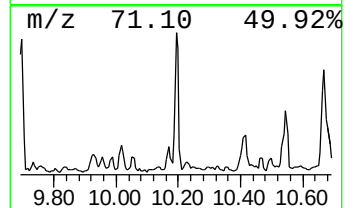
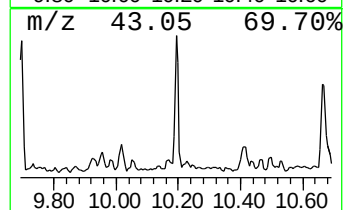
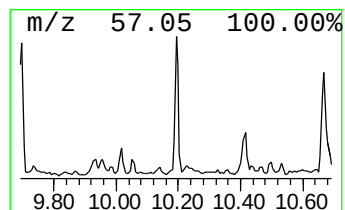
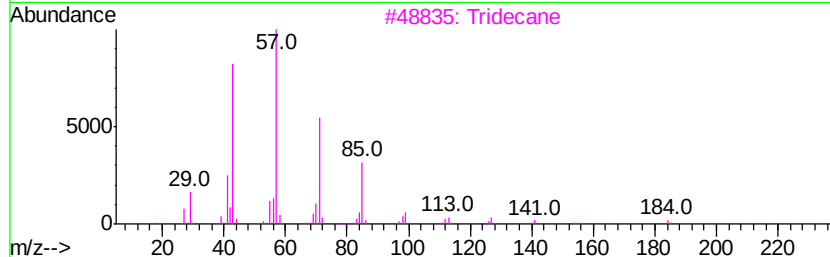
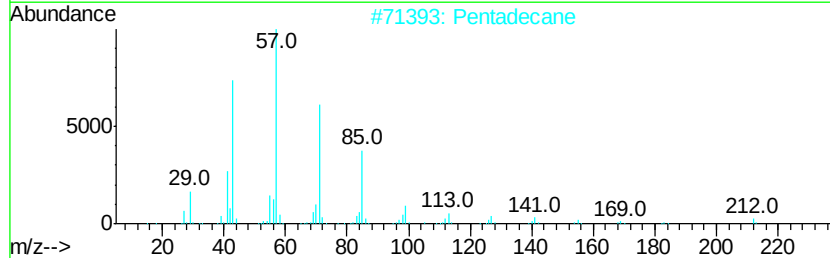
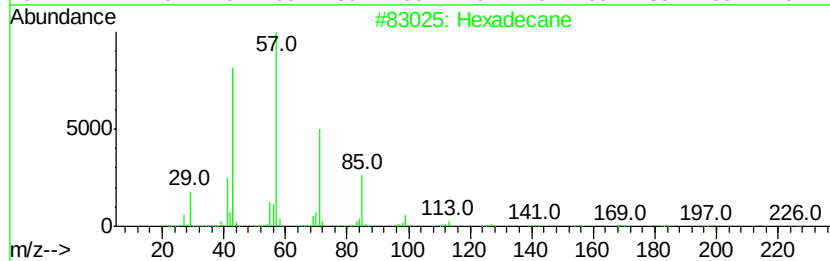
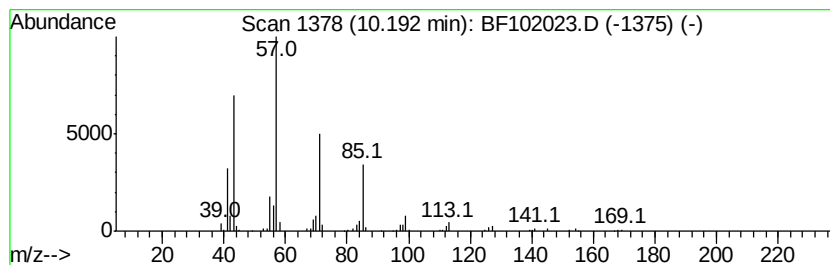
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.48 ng	199969	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Octadecane		254	C18H38	000593-45-3	86
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

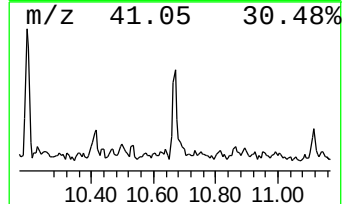
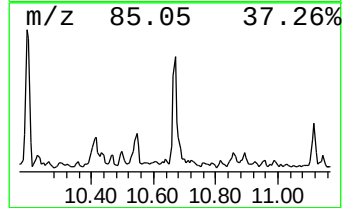
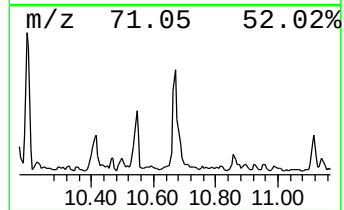
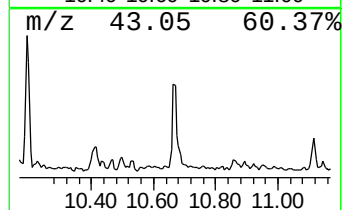
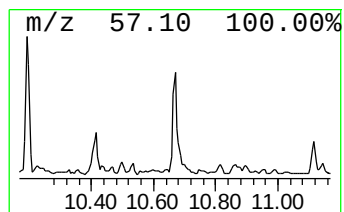
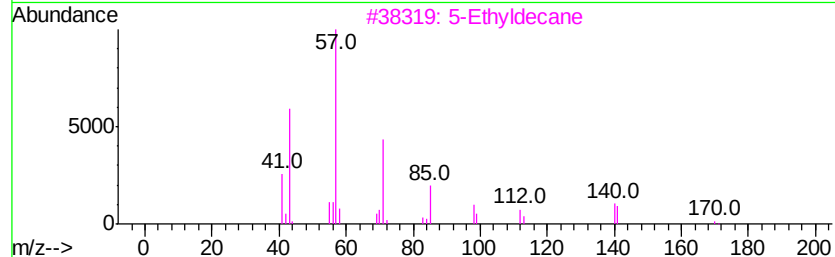
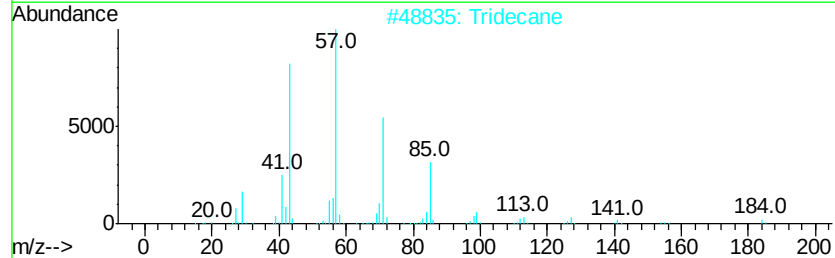
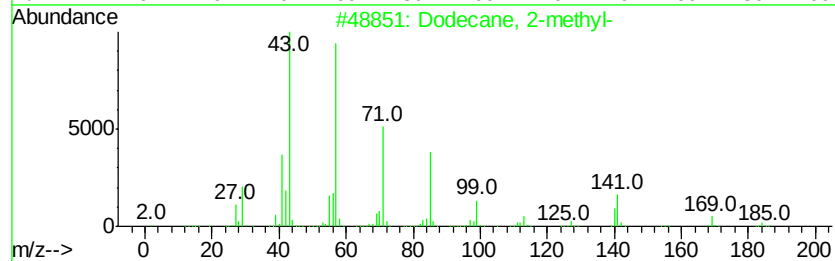
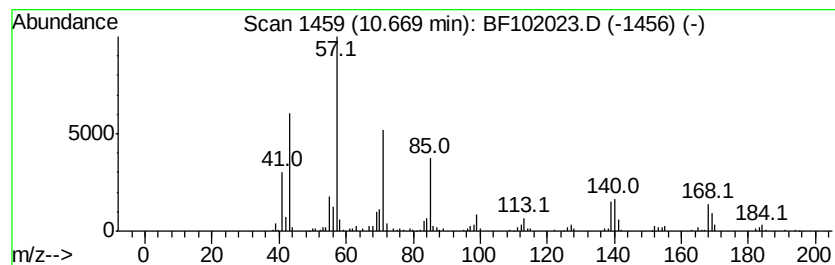
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.72 ng	249397	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
2		Tridecane	184	C13H28	000629-50-5	64
3		5-Ethyldecane	170	C12H26	017302-36-2	58
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
5		Eicosane	282	C20H42	000112-95-8	58



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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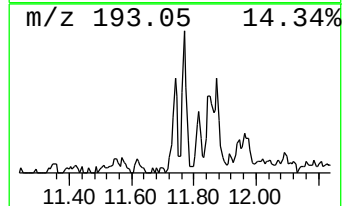
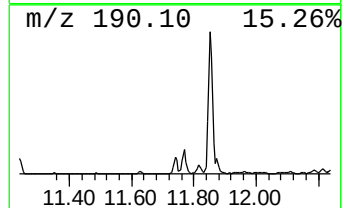
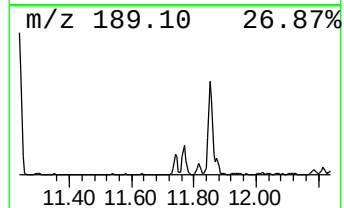
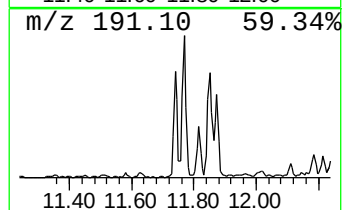
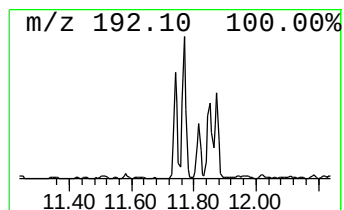
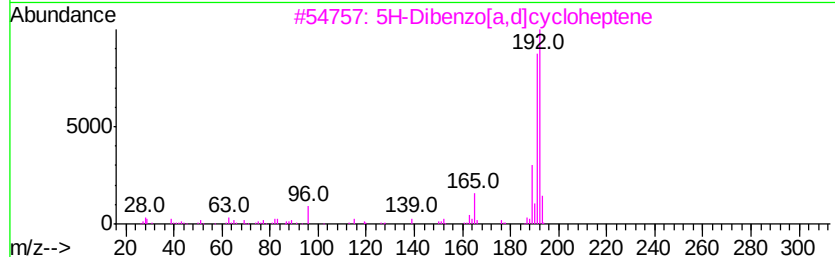
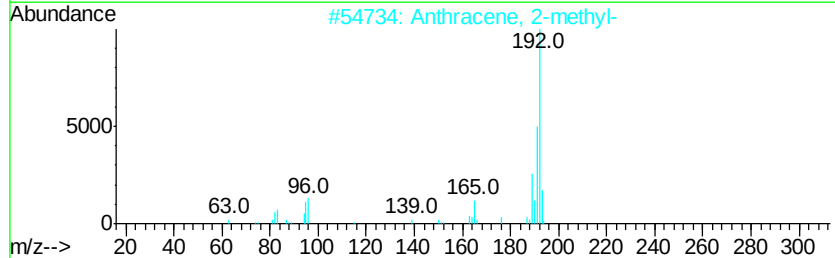
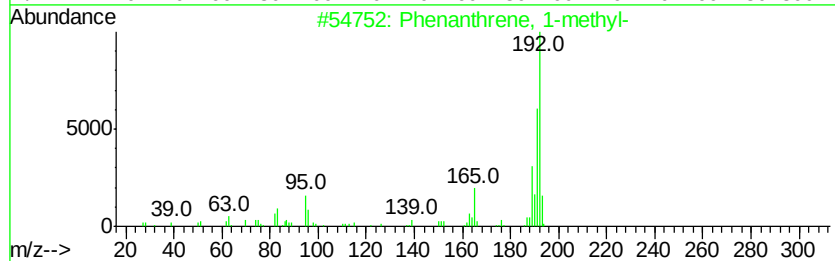
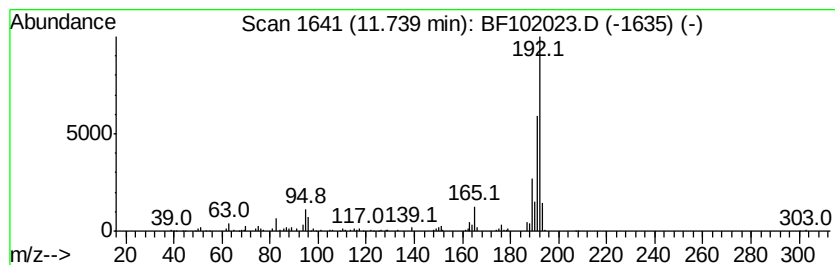
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.15 ng	143951	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

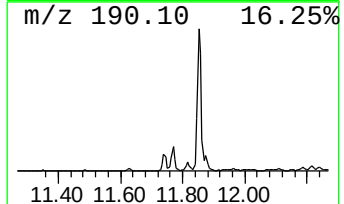
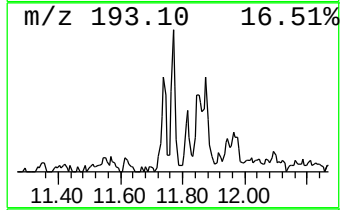
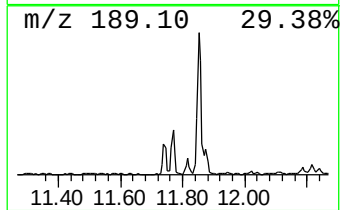
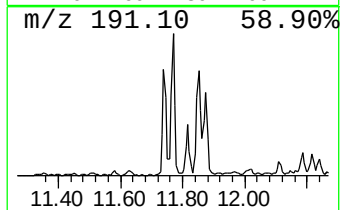
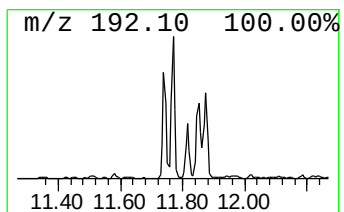
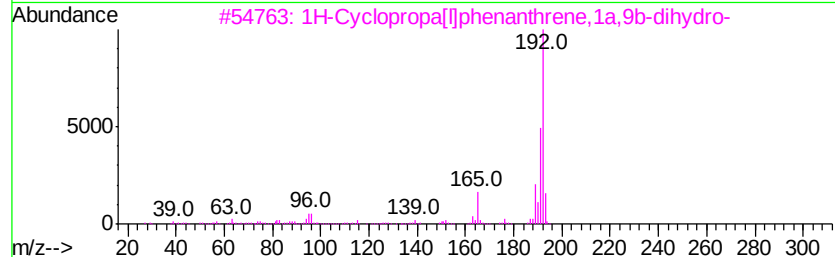
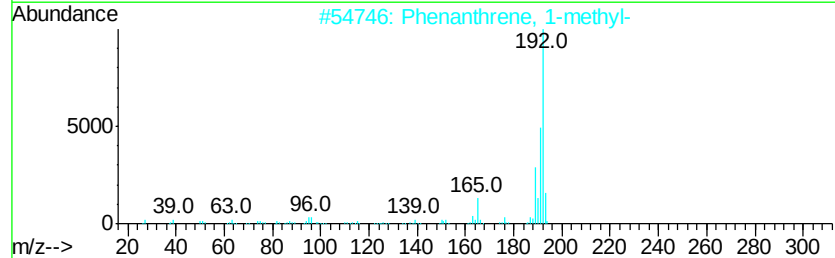
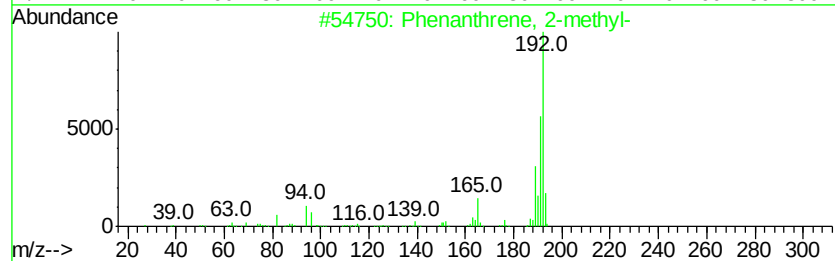
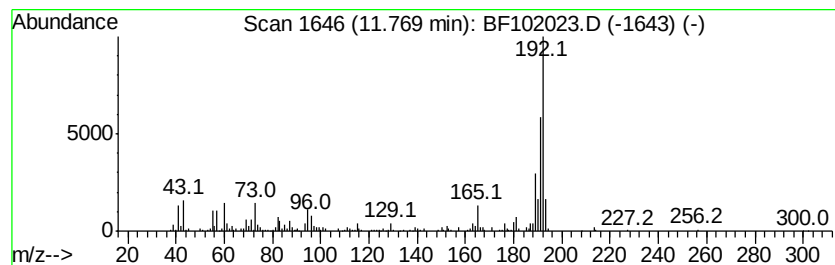
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.89 ng	327361	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
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Acq On : 11 Jan 2018 17:25
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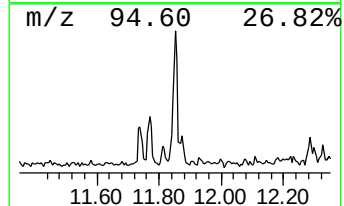
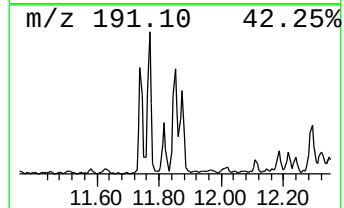
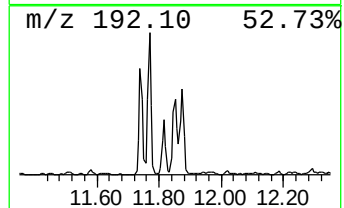
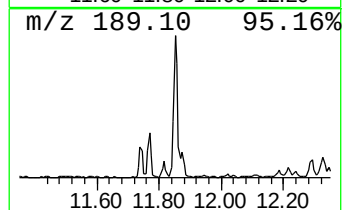
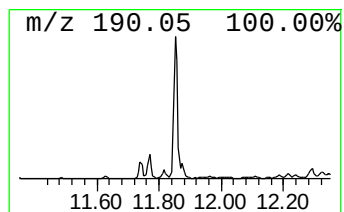
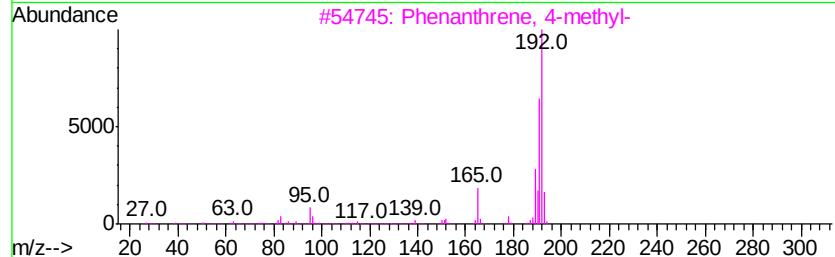
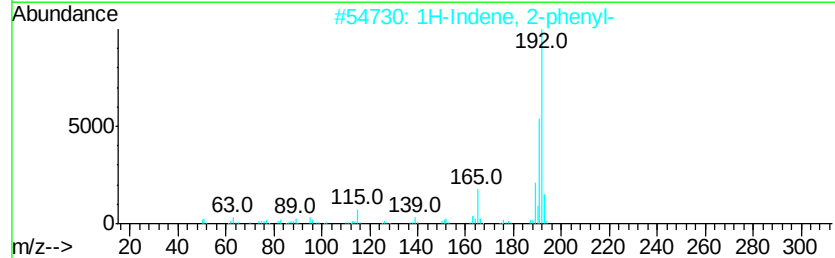
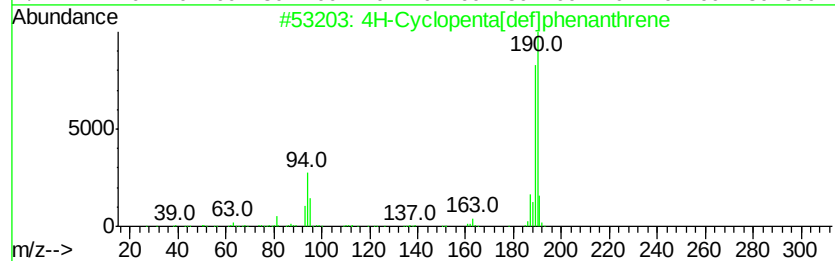
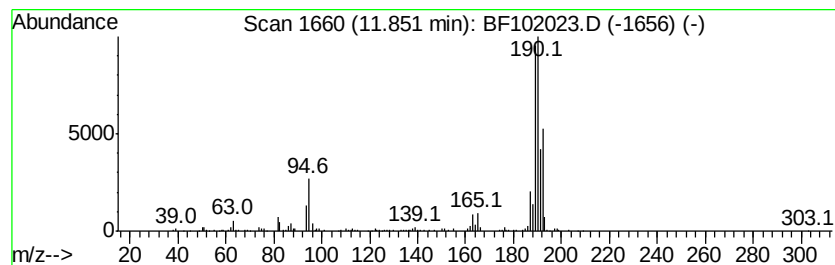
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.50 ng	301376	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	18
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	11



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
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Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
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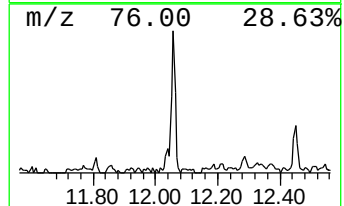
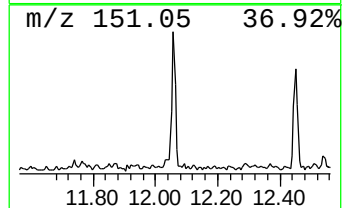
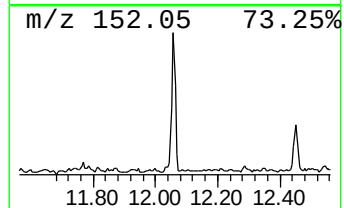
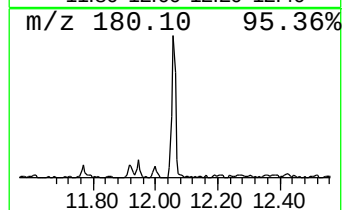
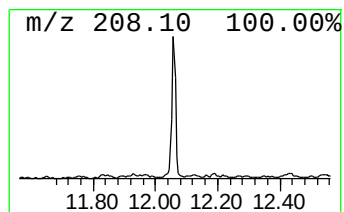
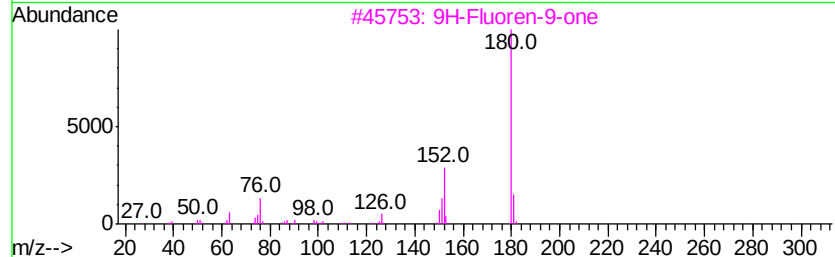
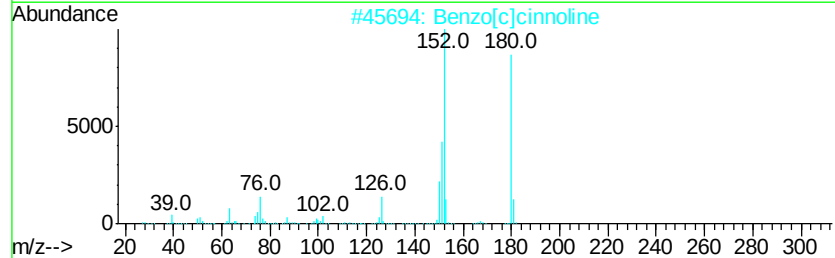
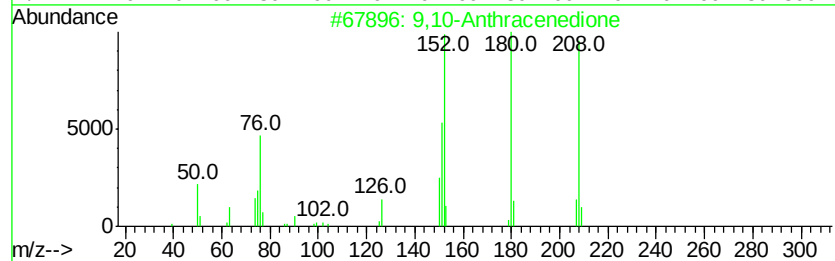
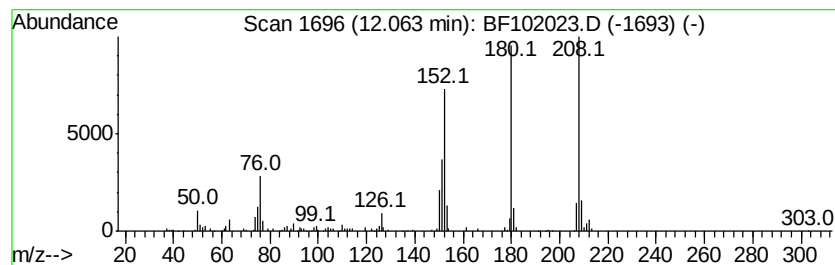
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.69 ng	180399	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4			1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
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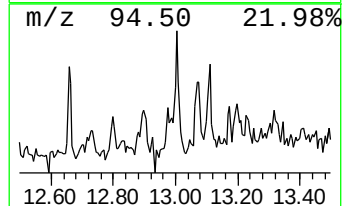
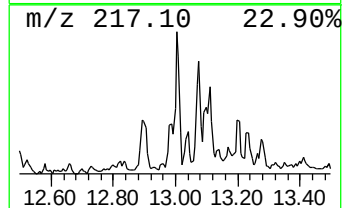
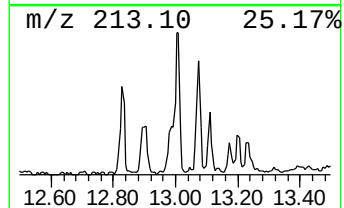
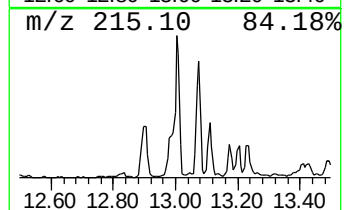
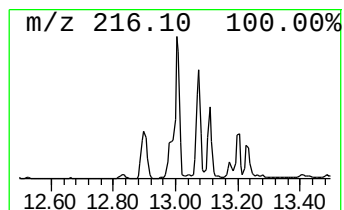
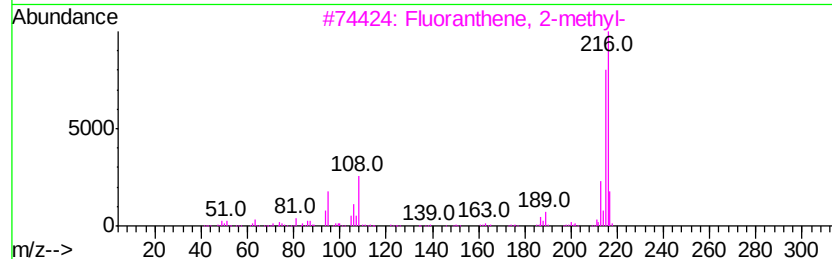
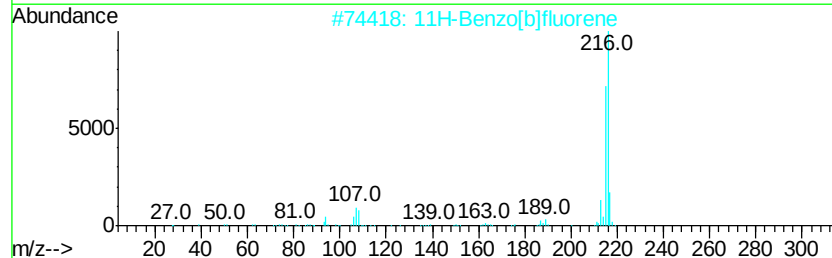
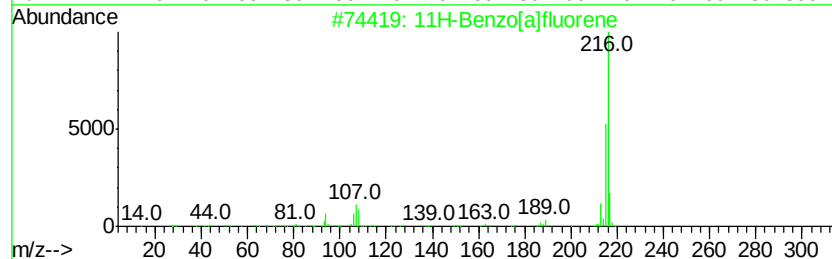
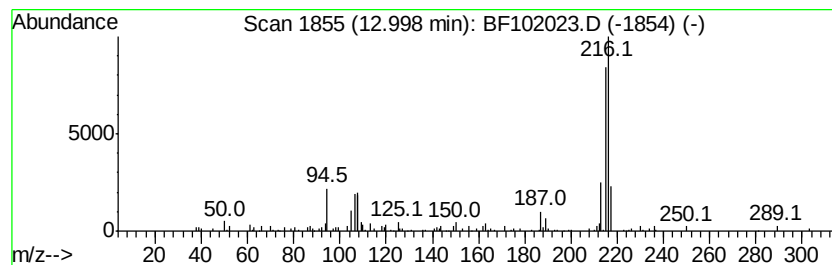
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.65 ng	305475	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
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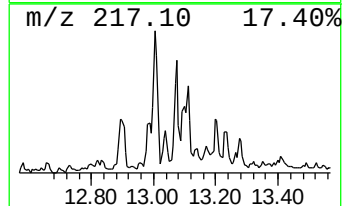
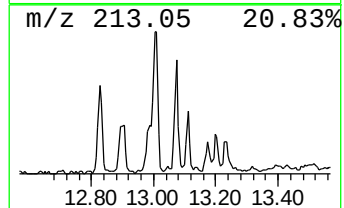
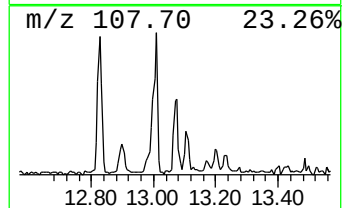
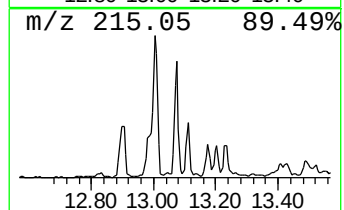
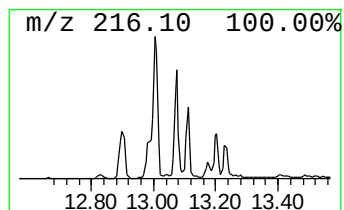
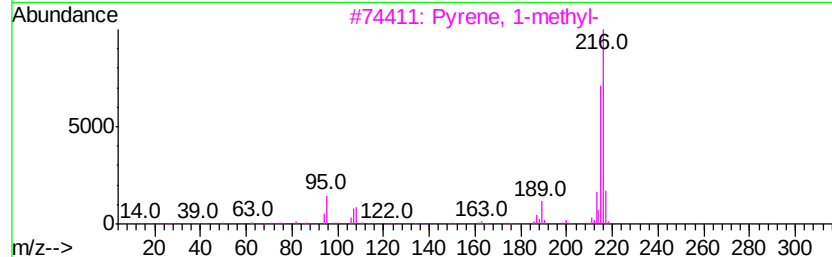
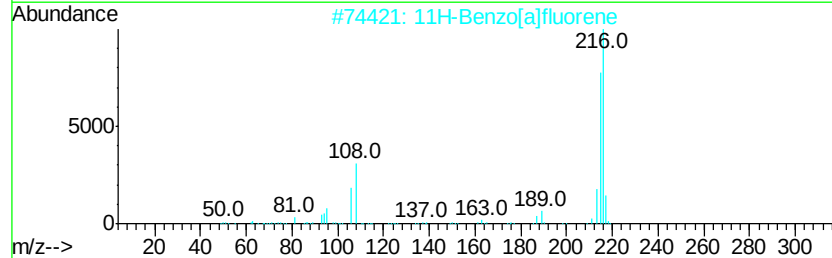
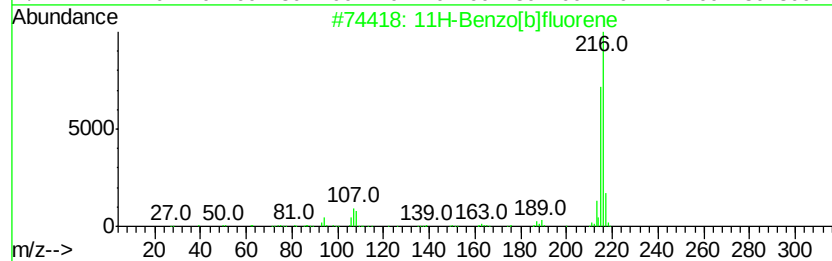
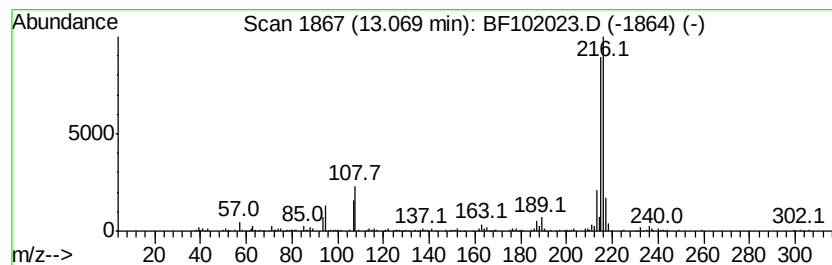
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ClientSampleId :
EPE-121-1(0-5)

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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 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.02 ng	232686	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 83
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 64



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

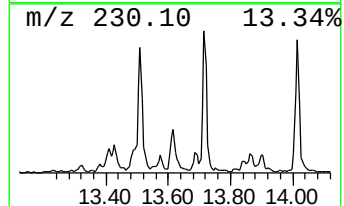
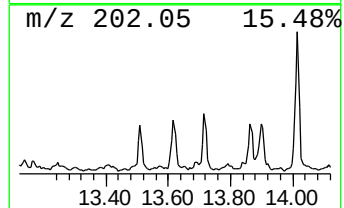
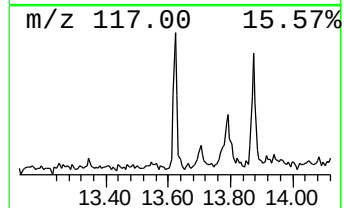
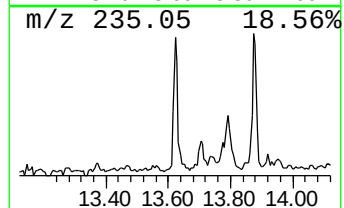
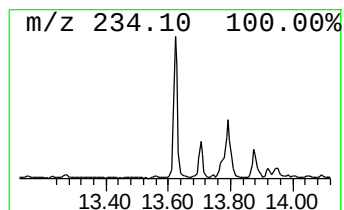
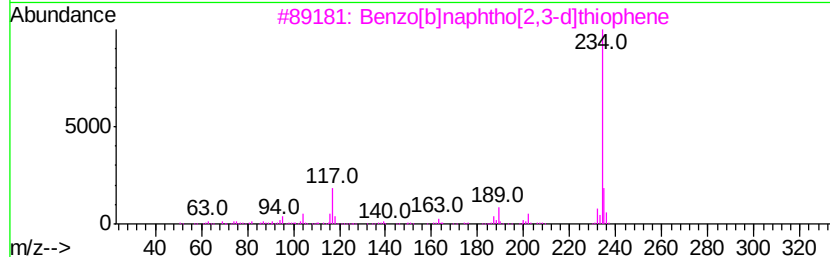
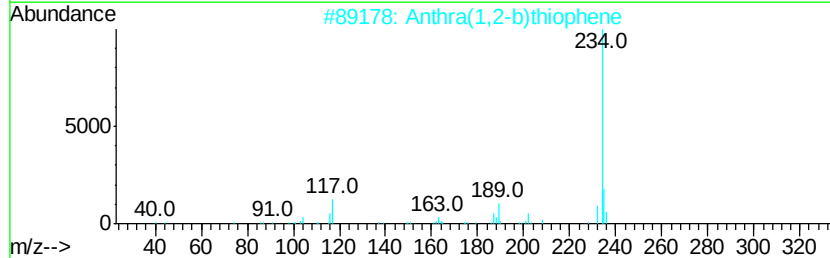
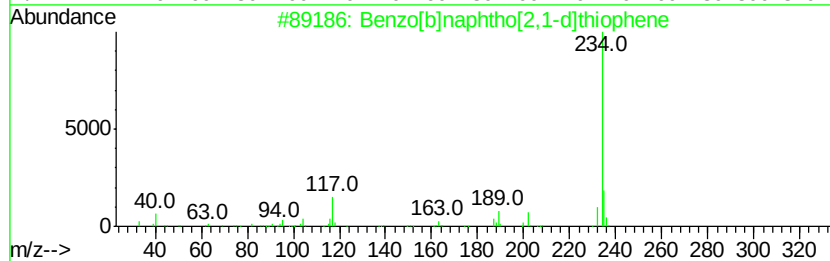
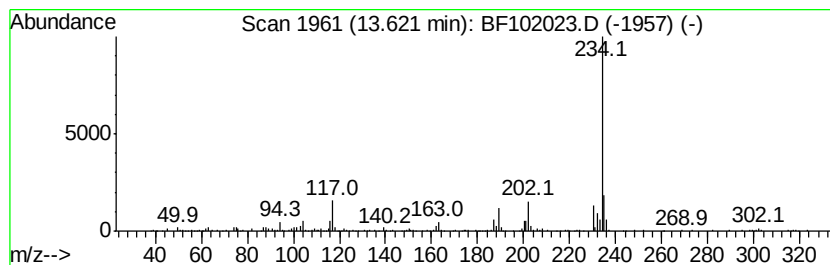
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.03 ng	233888	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5			Benz[a]anthracene, 1,4,7,8,11,12...	234	C18H18	016434-61-0	53



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
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Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

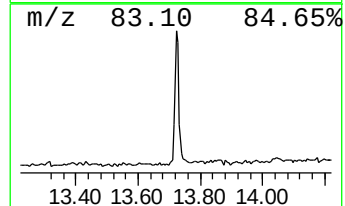
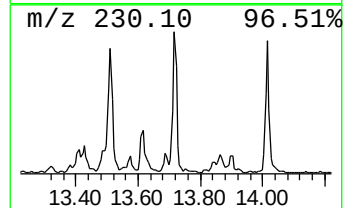
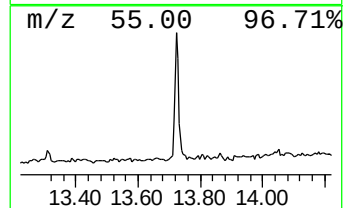
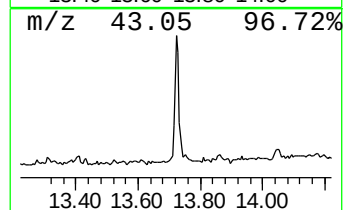
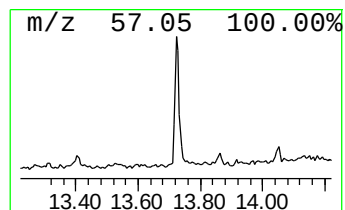
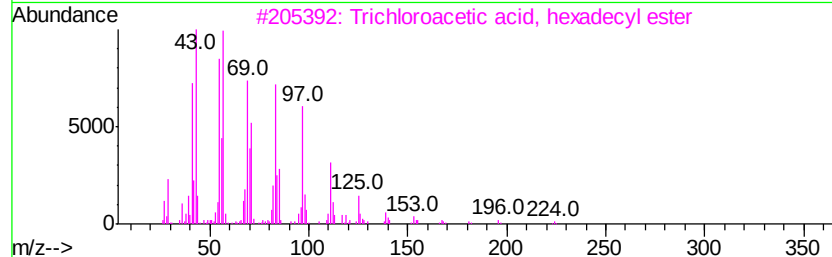
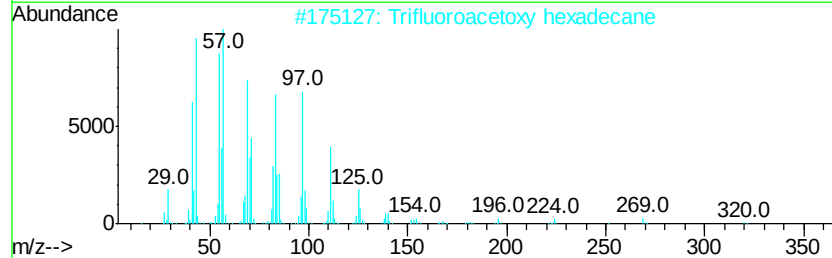
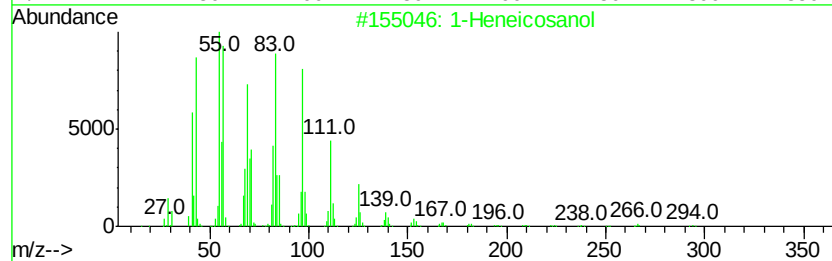
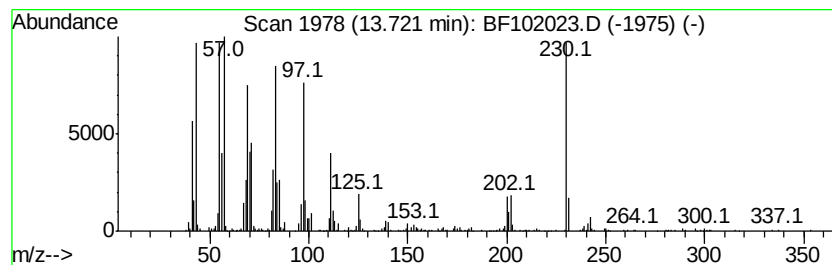
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.37 ng	618903	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	93
2	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	91
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
4	5-Eicosene, (E)-	280 C20H40	074685-30-6	87
5	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

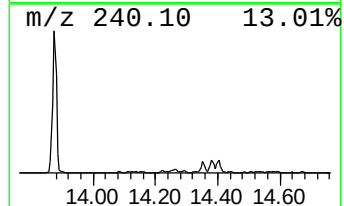
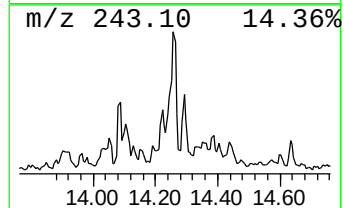
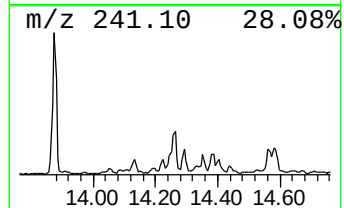
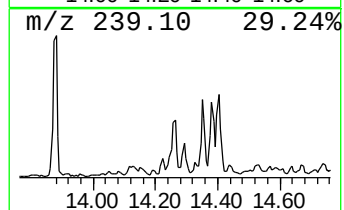
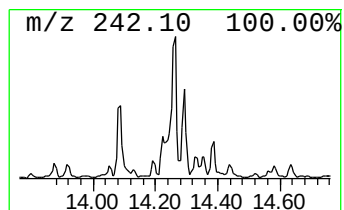
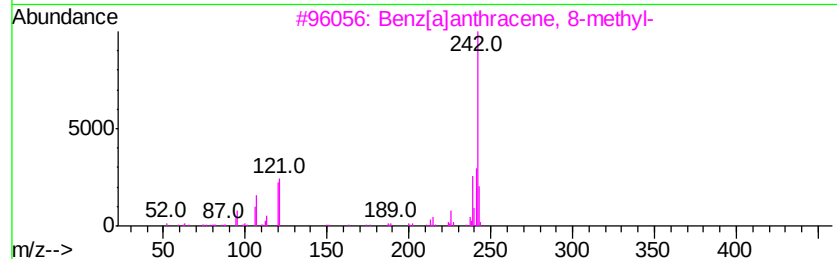
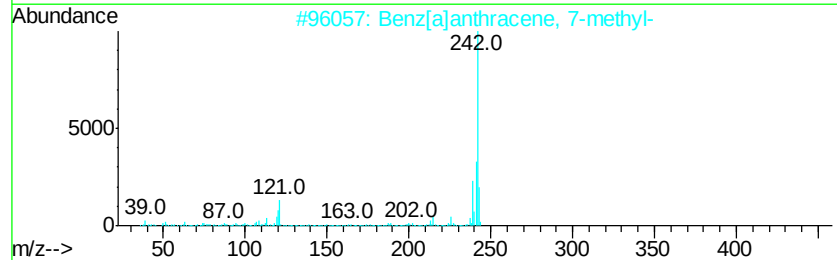
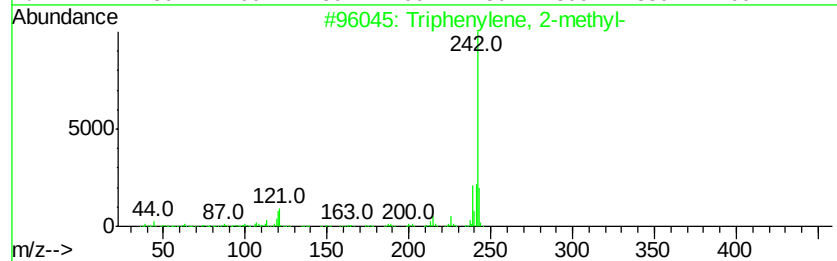
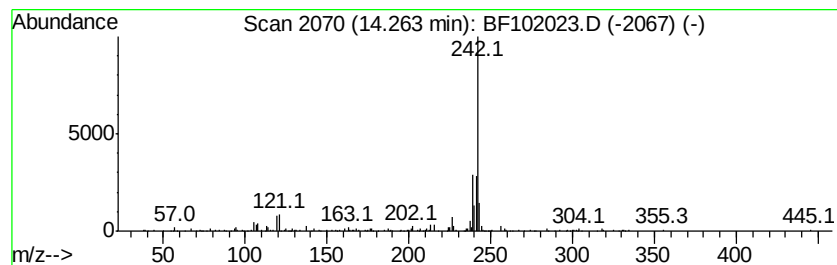
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.02 ng	232075	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

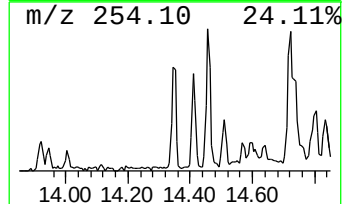
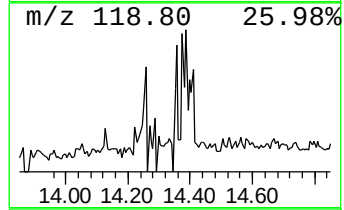
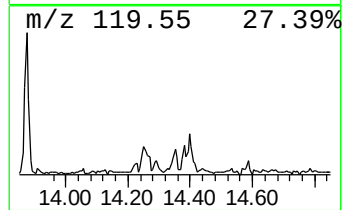
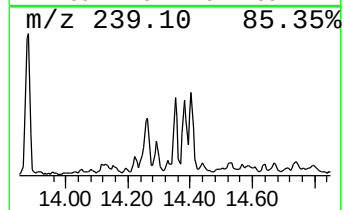
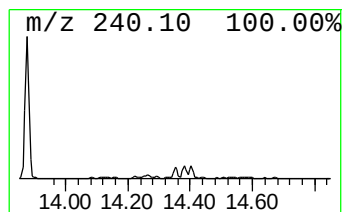
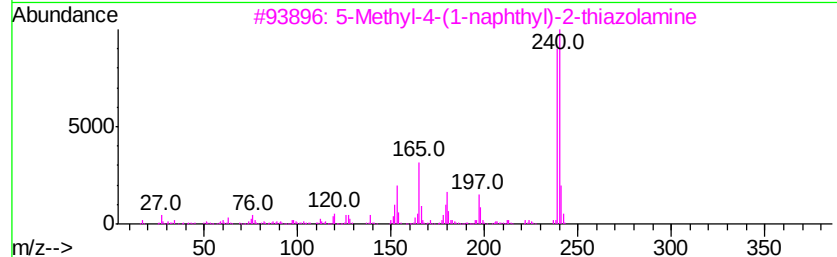
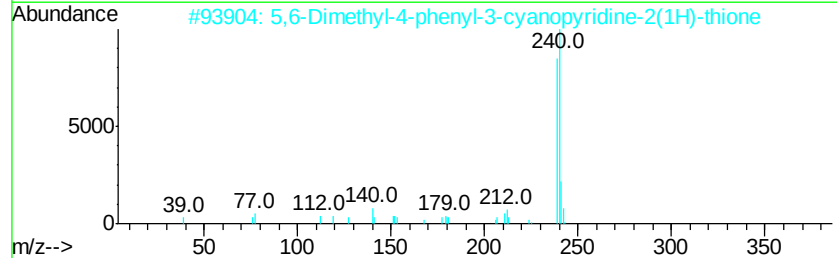
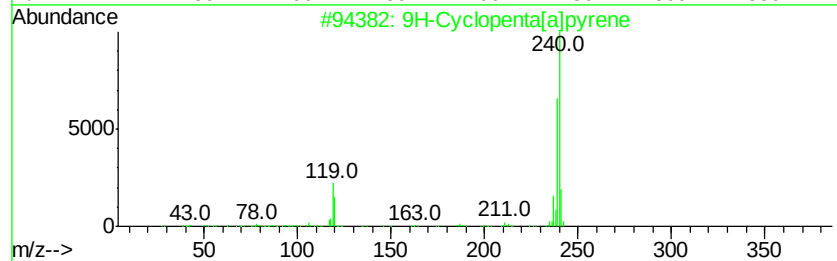
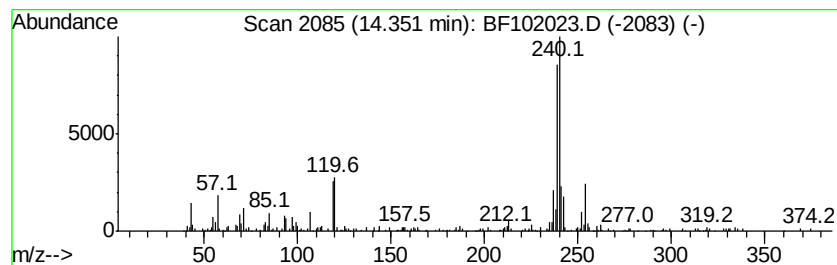
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Cyclopenta[a]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.04 ng	234768	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	81
2		5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	50
3		5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	40
4		9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	38
5		Pyrrolo[2,3-f]quinolin-7-one, 2,...	240	C15H16N2O	1000302-73-0	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102023.D
Acq On : 11 Jan 2018 17:25
Operator : SJ/JU
Sample : J1081-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPE-121-1(0-5)

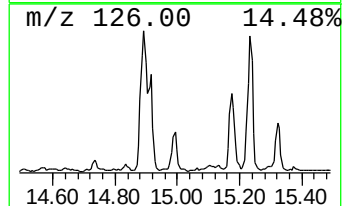
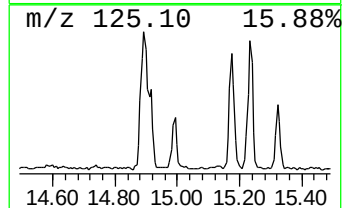
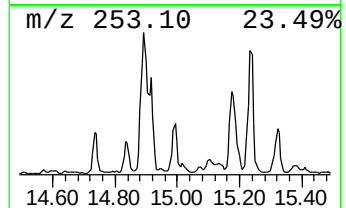
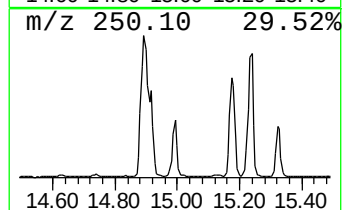
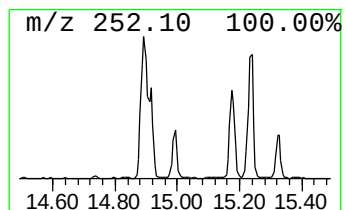
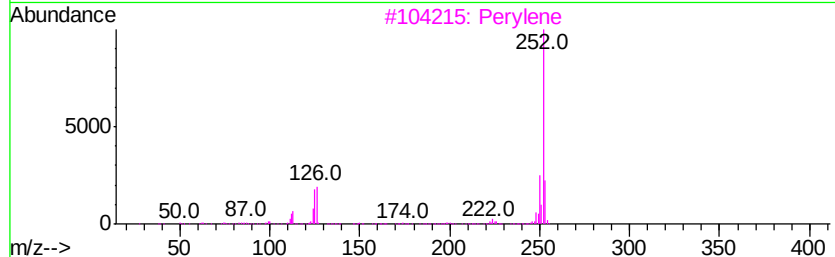
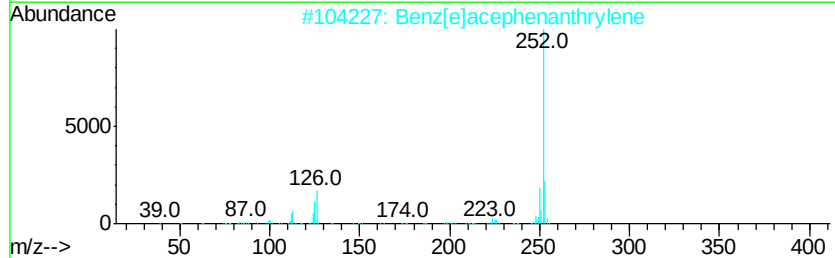
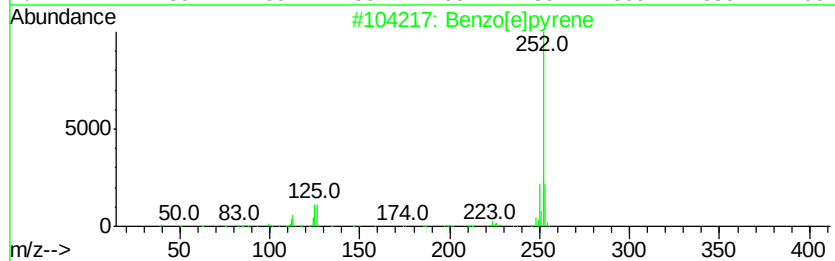
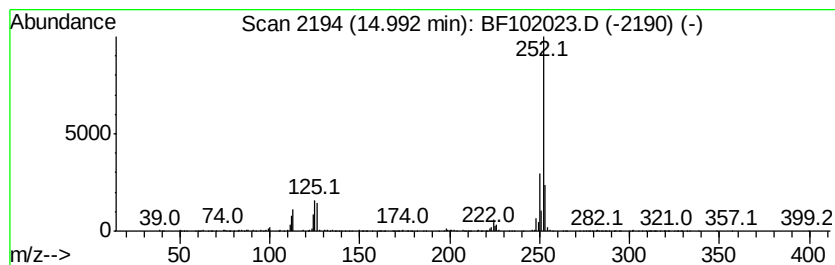
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.52 ng	381100	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
 Data File : BF102023.D
 Acq On : 11 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1081-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.94	7.0 ng		469742	1	6.73	1342700	20.0
unknown6.50	6.50	75.2 ng		5050380	1	6.73	1342700	20.0
Tetradecane	9.70	2.4 ng		193667	3	9.76	1615590	20.0
Hexadecane	10.19	2.5 ng		199969	3	9.76	1615590	20.0
Dodecane, 2-methyl-	10.67	3.7 ng		249397	4	11.24	1339310	20.0
Phenanthrene, 1-m...	11.74	2.1 ng		143951	4	11.24	1339310	20.0
Phenanthrene, 2-m...	11.77	4.9 ng		327361	4	11.24	1339310	20.0
4H-Cyclopenta[def...	11.85	4.5 ng		301376	4	11.24	1339310	20.0
9,10-Anthracenedione	12.06	2.7 ng		180399	4	11.24	1339310	20.0
11H-Benzo[a]fluorene	13.00	2.6 ng		305475	5	13.87	2303030	20.0
11H-Benzo[b]fluorene	13.07	2.0 ng		232686	5	13.87	2303030	20.0
Benzo[b]naphtho[2...	13.62	2.0 ng		233888	5	13.87	2303030	20.0
1-Heneicosanol	13.72	5.4 ng		618903	5	13.87	2303030	20.0
Triphenylene, 2-m...	14.26	2.0 ng		232075	5	13.87	2303030	20.0
9H-Cyclopenta[a]p...	14.35	2.0 ng		234768	5	13.87	2303030	20.0
Benzo[e]pyrene	14.99	6.5 ng		381100	6	15.30	1169110	20.0