

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101362.D
 Acq On : 13 Dec 2017 6:51
 Operator : SJ/JU
 Sample : I6764-10 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(4-5)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.439	567	570	586	rBV	376720	415055	19.40%	1.803%
2	6.463	741	744	757	rBV	405481	460816	21.54%	2.002%
3	6.592	763	766	773	rBV	484067	447281	20.91%	1.943%
4	6.822	802	805	810	rBV	296121	238216	11.14%	1.035%
5	6.981	828	832	837	rVB	377824	346837	16.21%	1.507%
6	7.386	898	901	913	rBV	255590	238553	11.15%	1.037%
7	8.104	1020	1023	1026	rBV	312576	285906	13.36%	1.242%
8	8.128	1026	1027	1031	rVB	48687	30843	1.44%	0.134%
9	9.180	1202	1206	1209	rBV	599023	464452	21.71%	2.018%
10	9.575	1270	1273	1279	rVB2	42530	48335	2.26%	0.210%
11	9.727	1295	1299	1305	rBV	317407	261337	12.22%	1.136%
12	9.863	1319	1322	1325	rBV	326199	260799	12.19%	1.133%
13	9.898	1325	1328	1332	rVB	41800	35569	1.66%	0.155%
14	10.069	1354	1357	1360	rBV2	34428	29730	1.39%	0.129%
15	10.280	1386	1393	1397	rBV2	26785	33126	1.55%	0.144%
16	10.416	1413	1416	1422	rVB	48916	52565	2.46%	0.228%
17	10.657	1452	1457	1463	rBV2	242628	229750	10.74%	0.998%
18	10.757	1470	1474	1478	rBV2	23844	33018	1.54%	0.143%
19	10.963	1502	1509	1512	rBV5	25624	30392	1.42%	0.132%
20	11.086	1525	1530	1533	rBV3	24422	32269	1.51%	0.140%
21	11.116	1533	1535	1540	rVV2	29035	37212	1.74%	0.162%
22	11.169	1540	1544	1547	rVV	64424	64795	3.03%	0.282%
23	11.204	1547	1550	1553	rVV3	37613	42973	2.01%	0.187%
24	11.251	1556	1558	1563	rVB	55883	49078	2.29%	0.213%
25	11.357	1572	1576	1578	rBV	310546	273358	12.78%	1.188%
26	11.386	1578	1581	1584	rVV	893427	771142	36.05%	3.351%
27	11.433	1586	1589	1592	rVV	299312	255809	11.96%	1.112%
28	11.469	1592	1595	1600	rVB2	34468	43520	2.03%	0.189%
29	11.592	1611	1616	1620	rBV2	127827	144142	6.74%	0.626%
30	11.645	1624	1625	1628	rVV	39059	32407	1.51%	0.141%
31	11.698	1630	1634	1637	rVV2	36636	49279	2.30%	0.214%
32	11.757	1641	1644	1652	rVB2	60512	80662	3.77%	0.350%
33	11.857	1657	1661	1664	rBV	153146	155223	7.26%	0.674%
34	11.892	1664	1667	1671	rVB	197186	182956	8.55%	0.795%

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35	11.933	1671	1674	1677	rBV	76694	71734	3.35%	0.312%
36	11.974	1677	1681	1683	rBV2	245835	267223	12.49%	1.161%
37	11.992	1683	1684	1690	rVB	122093	101442	4.74%	0.441%
38	12.039	1690	1692	1695	rBV3	43759	40982	1.92%	0.178%
39	12.151	1708	1711	1715	rVV	123662	114124	5.33%	0.496%
40	12.192	1715	1718	1722	rVB	153263	126937	5.93%	0.552%
41	12.304	1731	1737	1740	rBV3	51749	77364	3.62%	0.336%
42	12.333	1740	1742	1745	rVB	46837	38232	1.79%	0.166%
43	12.363	1745	1747	1750	rVB	43125	33068	1.55%	0.144%
44	12.410	1751	1755	1758	rBV	138140	152499	7.13%	0.663%
45	12.451	1759	1762	1764	rVV2	76253	94477	4.42%	0.411%
46	12.510	1768	1772	1776	rVB2	156125	170066	7.95%	0.739%
47	12.586	1780	1785	1788	rBV	1705690	1959408	91.59%	8.514%
48	12.645	1792	1795	1797	rVB	56881	51288	2.40%	0.223%
49	12.674	1797	1800	1803	rBV	149192	123442	5.77%	0.536%
50	12.727	1803	1809	1812	rBV3	115940	147709	6.90%	0.642%
51	12.751	1812	1813	1817	rVB2	43742	42401	1.98%	0.184%
52	12.821	1817	1825	1828	rBV	1751474	2139254	100.00%	9.295%
53	12.857	1828	1831	1835	rVB2	106412	114120	5.33%	0.496%
54	12.945	1838	1846	1848	rBV2	461585	567421	26.52%	2.465%
55	12.974	1848	1851	1854	rVB	144601	145160	6.79%	0.631%
56	13.027	1855	1860	1864	rBV2	161376	278277	13.01%	1.209%
57	13.121	1871	1876	1877	rBV4	150574	228010	10.66%	0.991%
58	13.139	1877	1879	1881	rVB	227388	171558	8.02%	0.745%
59	13.204	1887	1890	1892	rBV	115150	91635	4.28%	0.398%
60	13.245	1892	1897	1900	rVV2	185303	245700	11.49%	1.068%
61	13.298	1903	1906	1908	rBV2	41234	37871	1.77%	0.165%
62	13.333	1909	1912	1915	rBV	138633	131161	6.13%	0.570%
63	13.368	1915	1918	1921	rVB2	125790	113043	5.28%	0.491%
64	13.562	1948	1951	1953	rVB2	42860	37606	1.76%	0.163%
65	13.651	1963	1966	1970	rVB	219211	206824	9.67%	0.899%
66	13.710	1973	1976	1979	rVB2	39476	37530	1.75%	0.163%
67	13.762	1980	1985	1987	rBV	220102	248605	11.62%	1.080%
68	13.786	1987	1989	1991	rVV	188430	134586	6.29%	0.585%
69	13.815	1991	1994	1996	rVV	157148	178511	8.34%	0.776%
70	13.868	2000	2003	2008	rVB	200701	210914	9.86%	0.916%
71	13.927	2009	2013	2017	rBV	55772	81922	3.83%	0.356%

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72	13.968	2018	2020	2021	rBV	47447	32878	1.54%	0.143%
73	14.009	2021	2027	2031	rBV2	930527	1435579	67.11%	6.238%
74	14.045	2031	2033	2036	rVB	918899	723082	33.80%	3.142%
75	14.121	2044	2046	2048	rBV	127251	94367	4.41%	0.410%
76	14.145	2048	2050	2052	rVV2	32158	28767	1.34%	0.125%
77	14.168	2052	2054	2059	rVV3	96622	116014	5.42%	0.504%
78	14.239	2062	2066	2069	rVB2	81808	118904	5.56%	0.517%
79	14.274	2070	2072	2075	rVB4	47957	38761	1.81%	0.168%
80	14.333	2079	2082	2085	rBV	35547	35959	1.68%	0.156%
81	14.362	2085	2087	2089	rBV2	78626	72644	3.40%	0.316%
82	14.404	2089	2094	2096	rVB	171582	183507	8.58%	0.797%
83	14.433	2096	2099	2101	rBV	80007	64261	3.00%	0.279%
84	14.474	2104	2106	2108	rVB2	49815	38504	1.80%	0.167%
85	14.527	2112	2115	2117	rBV	113548	112021	5.24%	0.487%
86	14.592	2124	2126	2129	rVB2	69015	63978	2.99%	0.278%
87	14.727	2146	2149	2151	rBV3	58525	69775	3.26%	0.303%
88	14.862	2170	2172	2176	rBV5	26058	29560	1.38%	0.128%
89	14.904	2176	2179	2182	rVV	120361	121701	5.69%	0.529%
90	15.074	2202	2208	2210	rBV	708946	1139584	53.27%	4.952%
91	15.174	2222	2225	2228	rVB	179568	183248	8.57%	0.796%
92	15.256	2237	2239	2240	rBV	36971	28737	1.34%	0.125%
93	15.374	2254	2259	2266	rVB	443869	597809	27.94%	2.598%
94	15.445	2266	2271	2277	rVV	577794	770542	36.02%	3.348%
95	15.498	2277	2280	2282	rVV	139199	155051	7.25%	0.674%
96	15.527	2282	2285	2291	rVB2	196370	278757	13.03%	1.211%
97	16.068	2374	2377	2380	rVB2	34533	41322	1.93%	0.180%
98	17.003	2528	2536	2541	rBV	317734	634751	29.67%	2.758%
99	17.162	2557	2563	2568	rBV2	66301	143613	6.71%	0.624%
100	17.462	2606	2614	2621	rVB	228892	491507	22.98%	2.136%

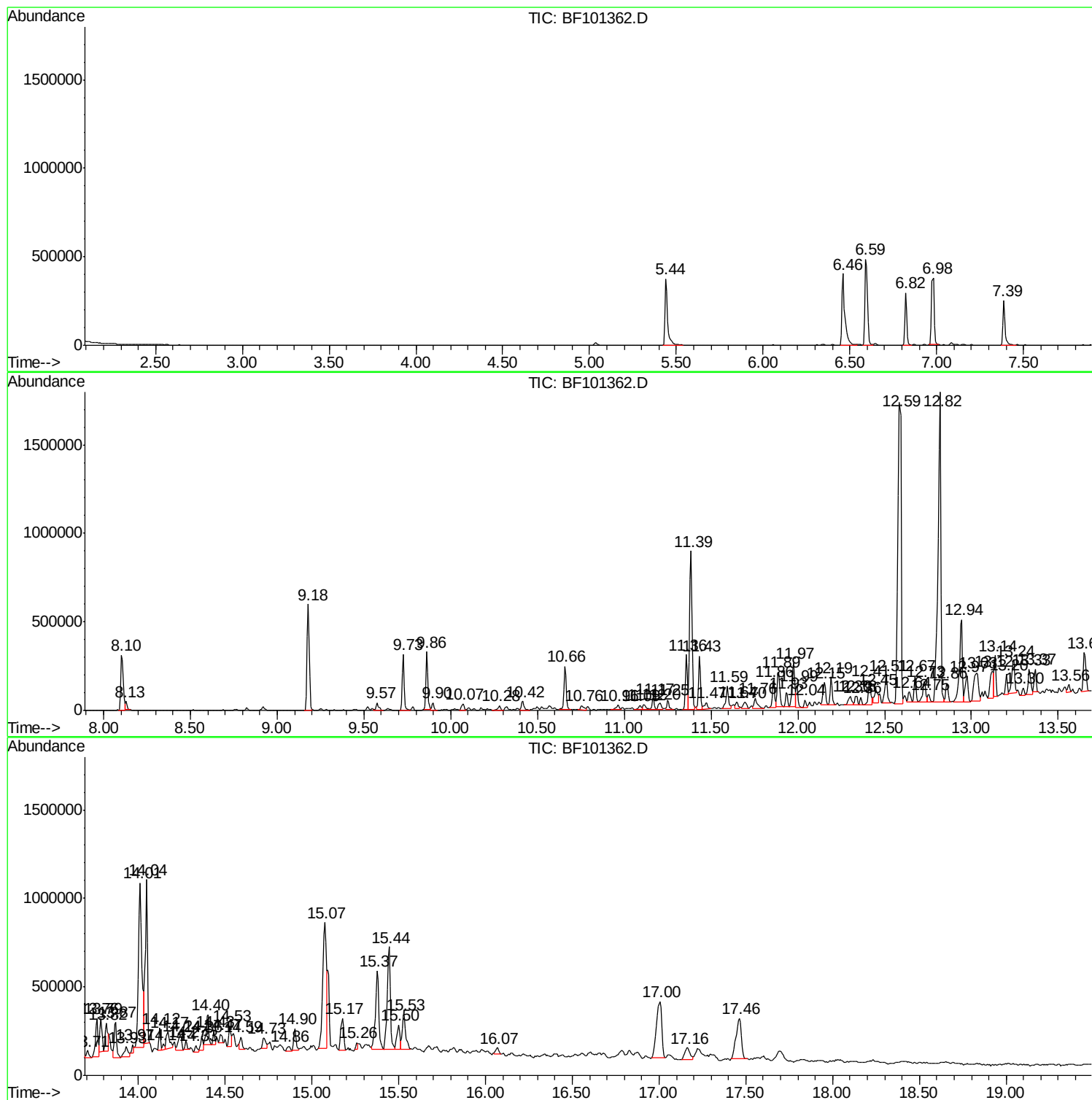
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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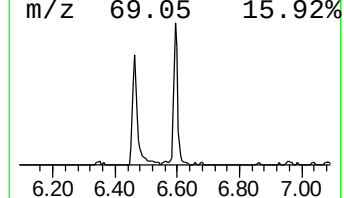
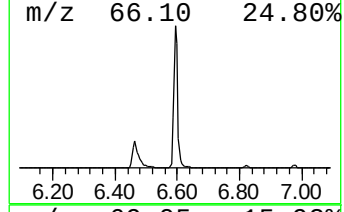
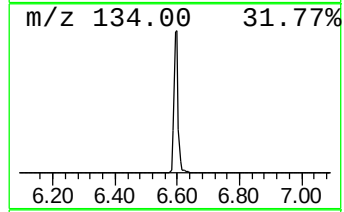
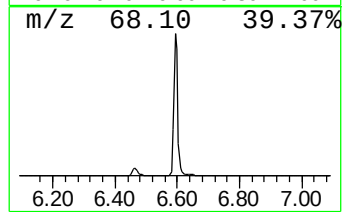
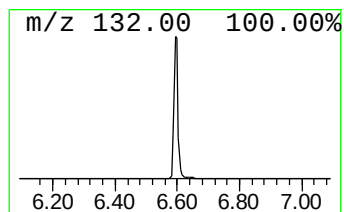
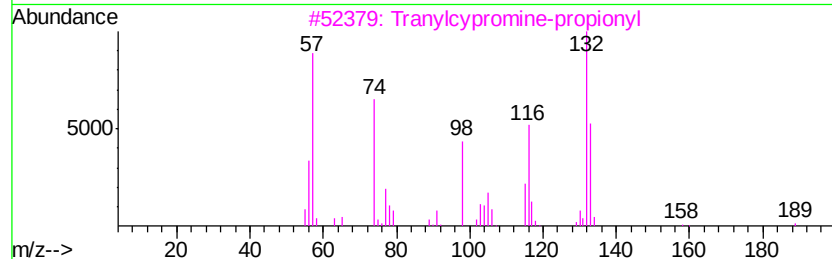
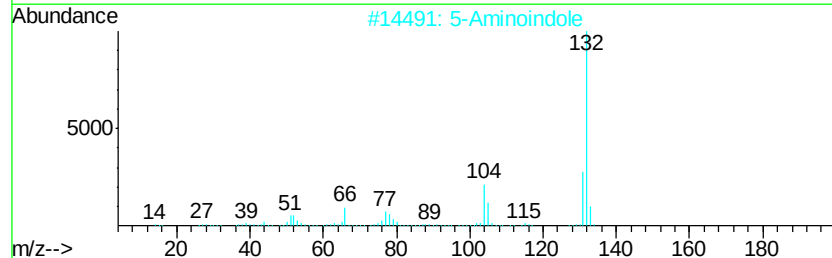
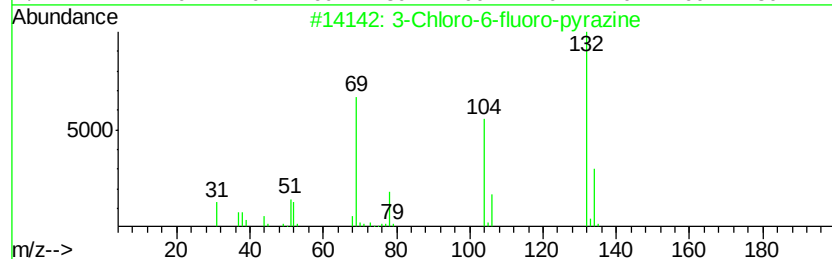
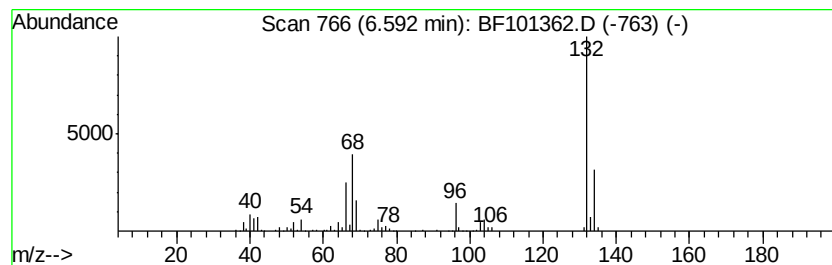
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	37.55 ng	447281	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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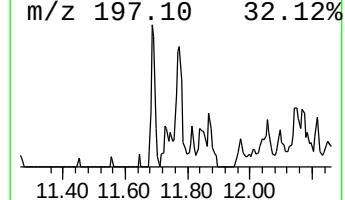
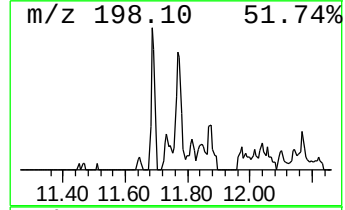
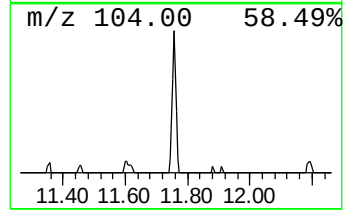
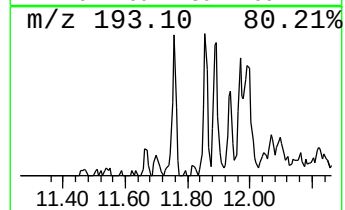
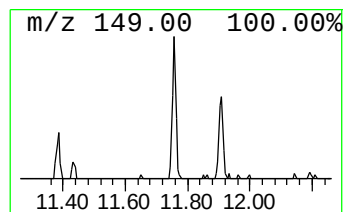
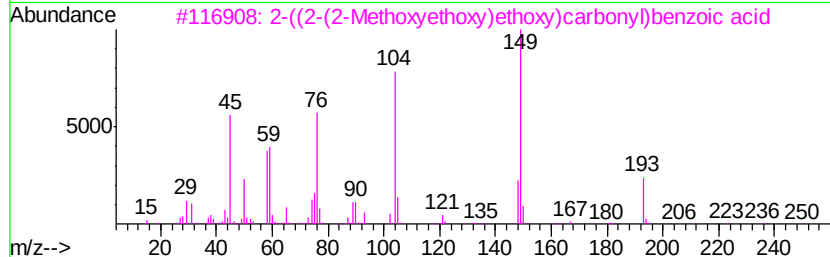
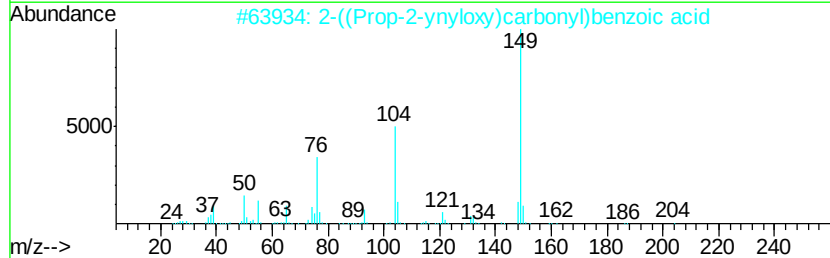
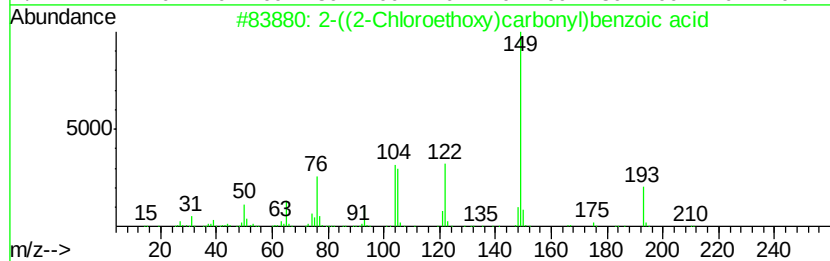
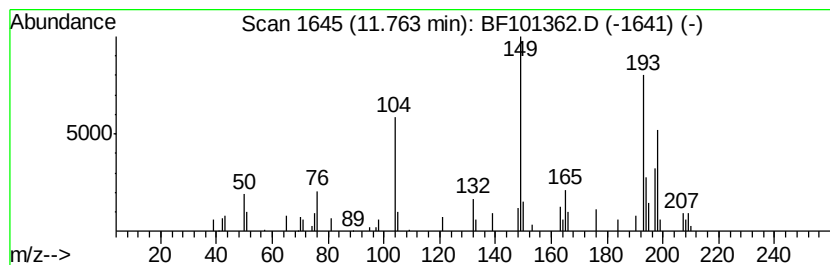
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.90 ng	80662	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-((2-Chloroethoxy)carbonyl)benz...	228	C10H9ClO4	1000373-53-5	45
2		2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	37
3		2-((2-(2-Methoxyethoxy)ethoxy)ca...	268	C13H16O6	1000373-52-1	35
4		2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	32
5		Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	30



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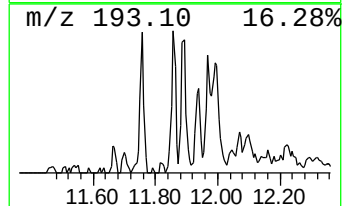
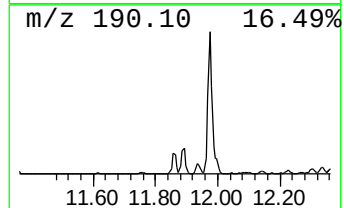
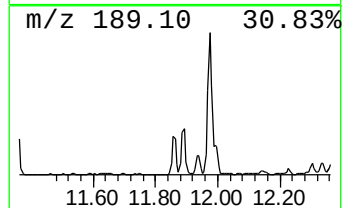
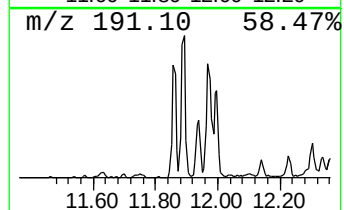
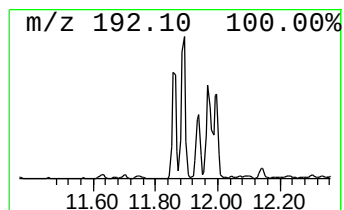
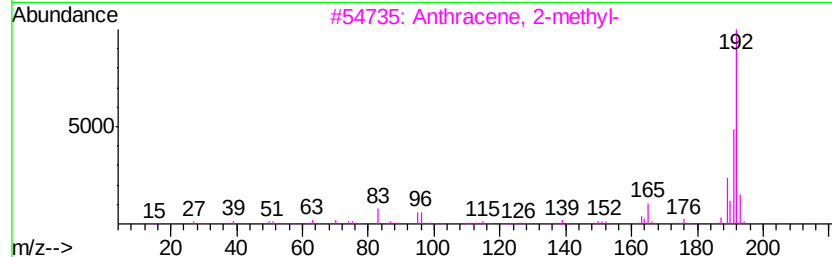
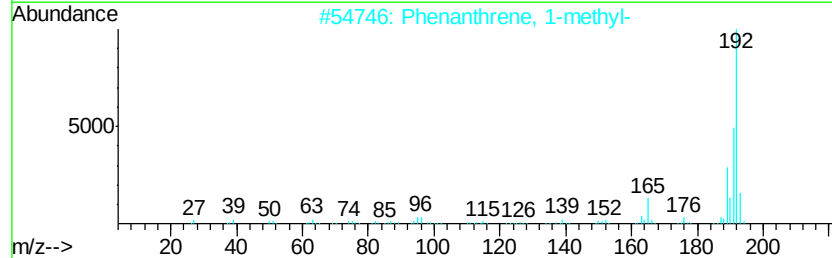
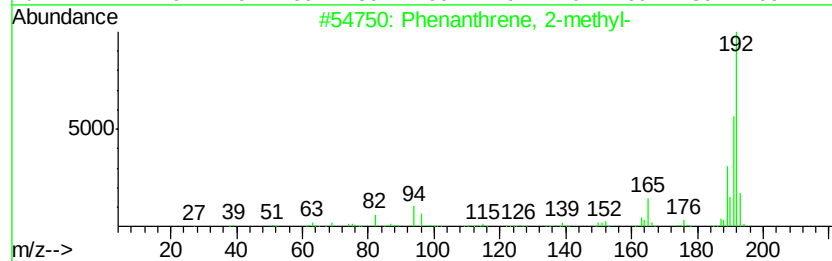
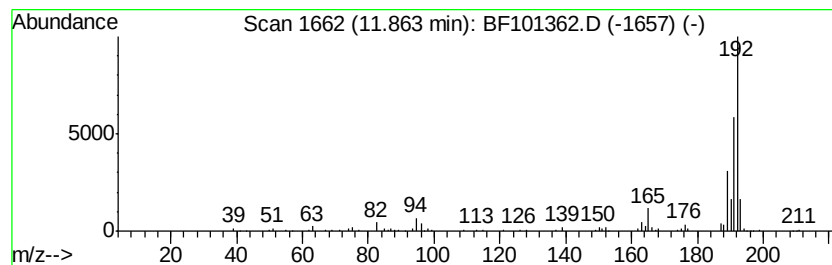
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.36 ng	155223	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Operator : SJ/JU
Sample : I6764-10 2X
Misc :
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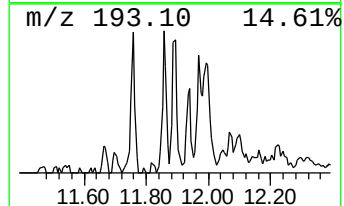
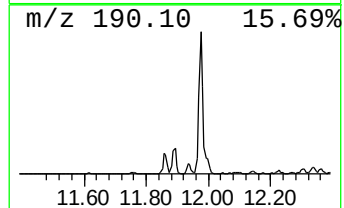
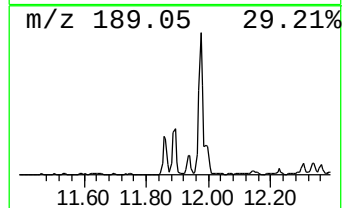
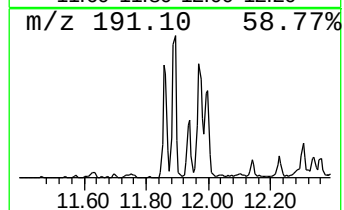
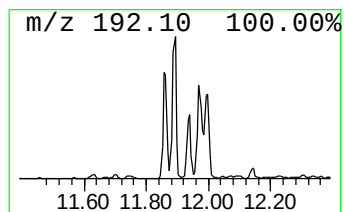
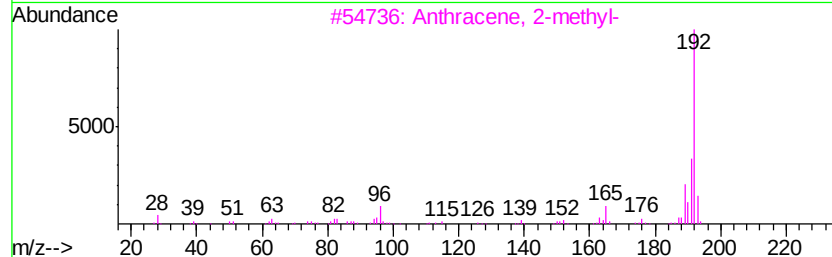
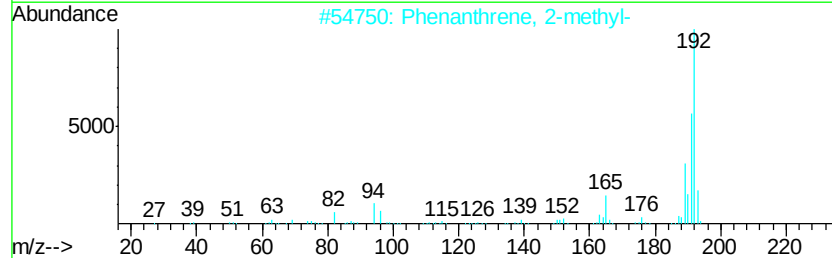
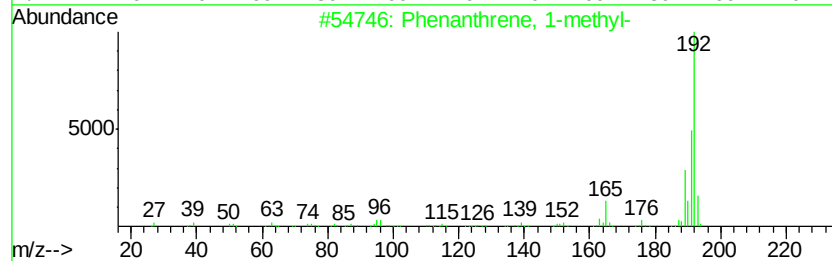
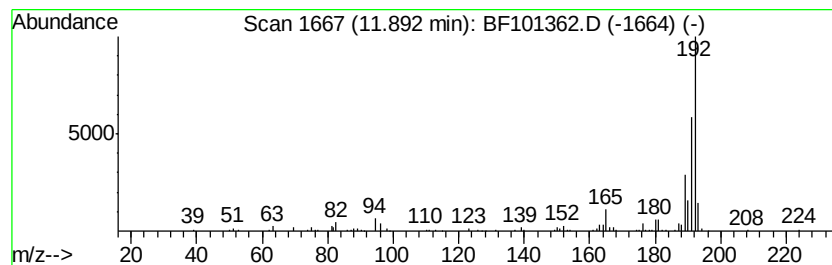
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ClientSampleId :
MAP-3-E(4-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.89	13.39 ng	182956	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
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Operator : SJ/JU
Sample : I6764-10 2X
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MAP-3-E(4-5)

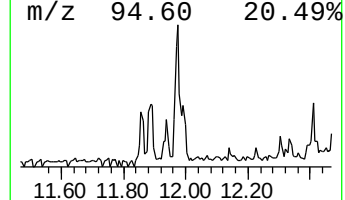
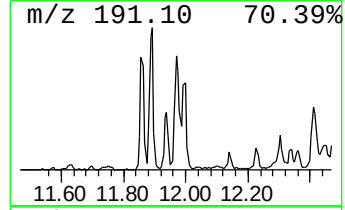
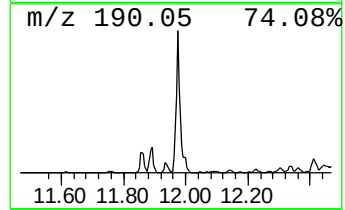
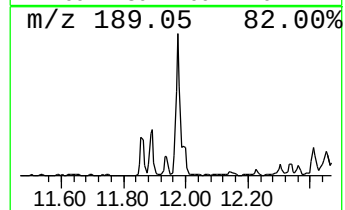
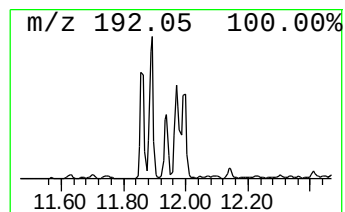
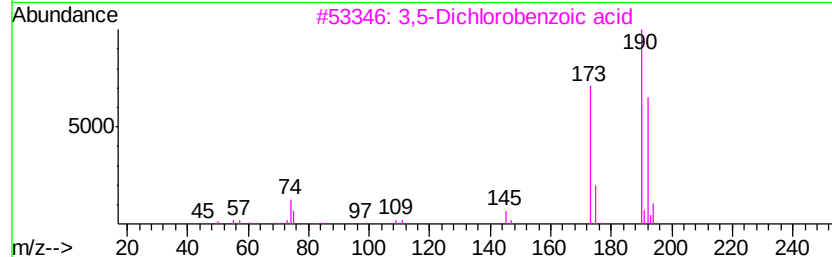
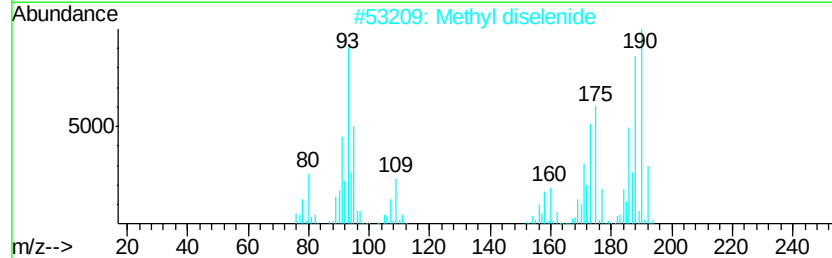
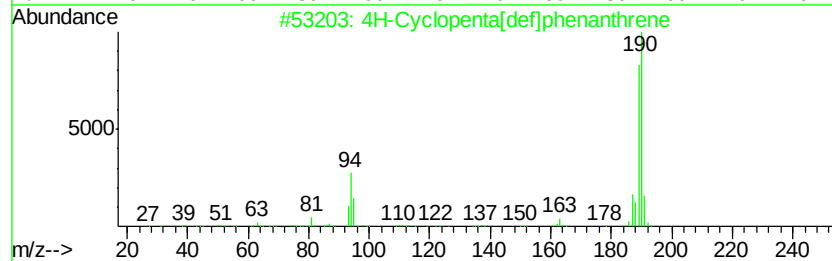
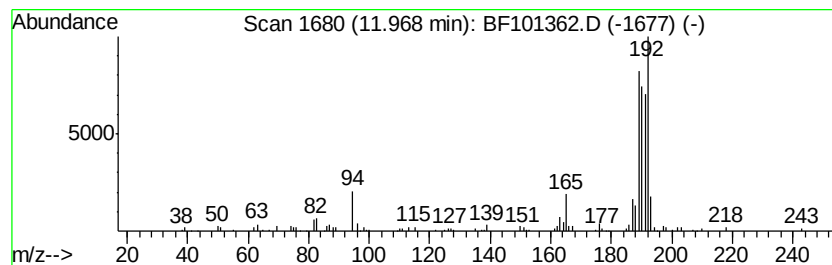
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	19.55 ng	267223	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Methyl diselenide	190	C2H6Se2	007101-31-7	45
3		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	22
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
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MAP-3-E(4-5)

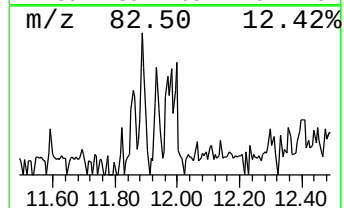
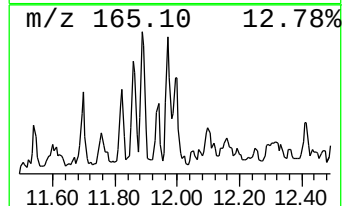
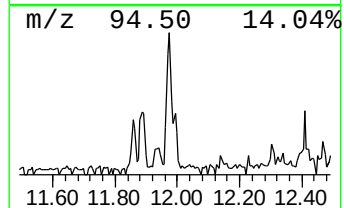
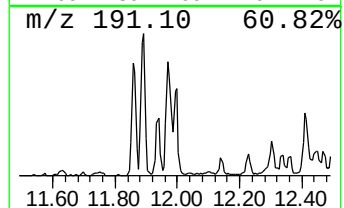
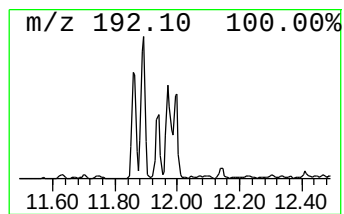
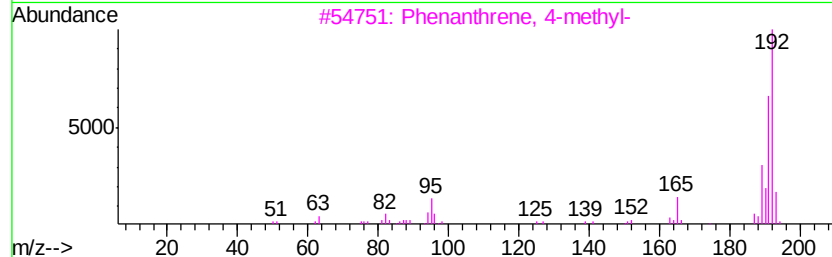
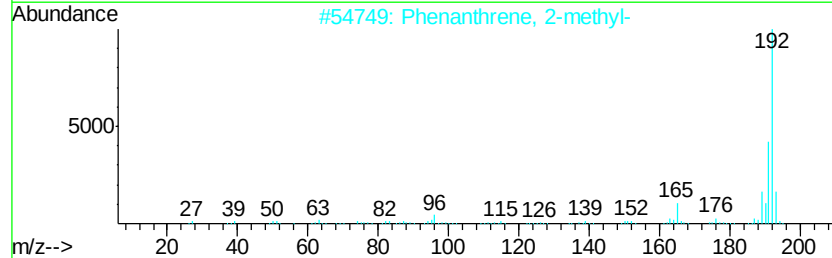
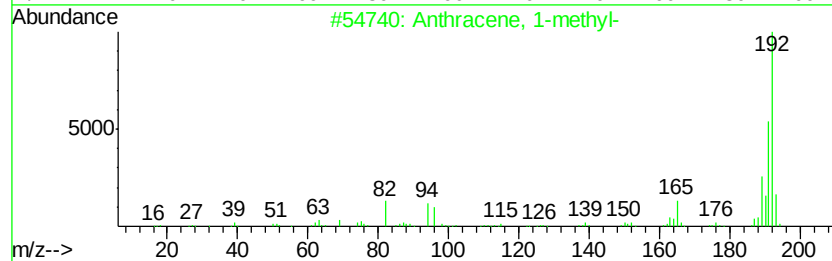
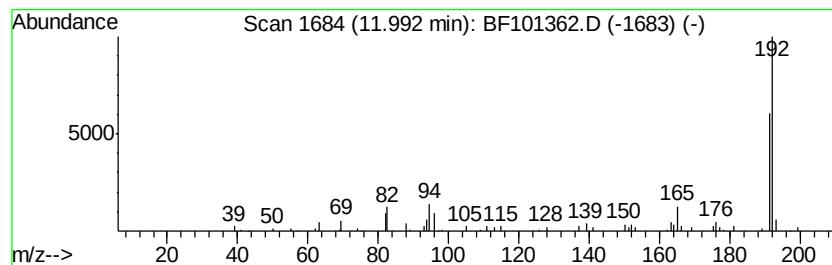
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.42 ng	101442	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
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ClientSampleId :
MAP-3-E(4-5)

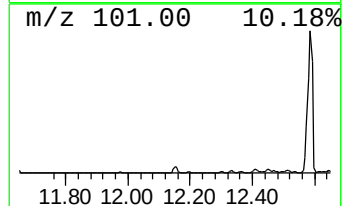
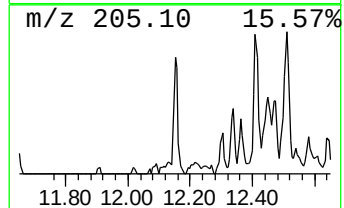
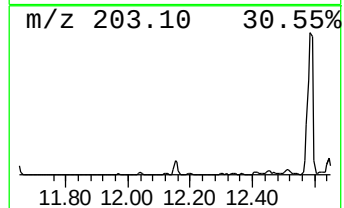
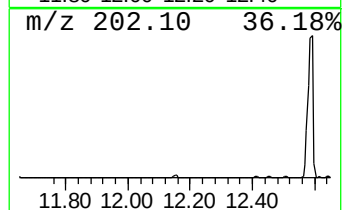
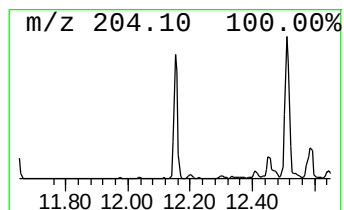
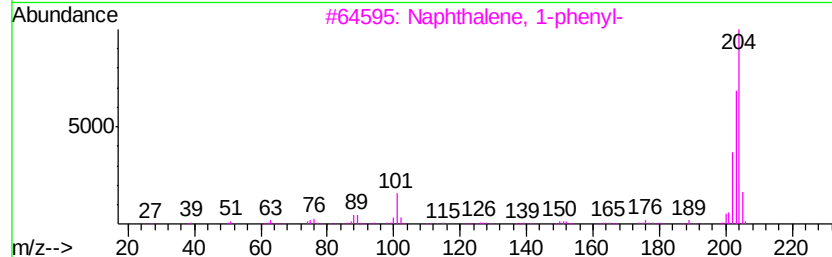
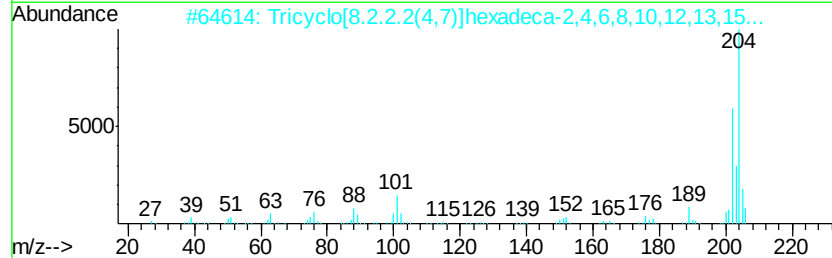
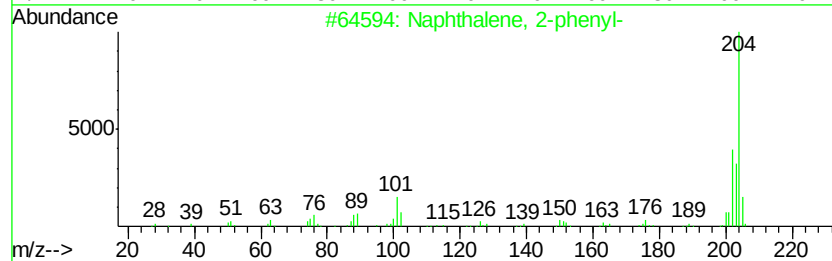
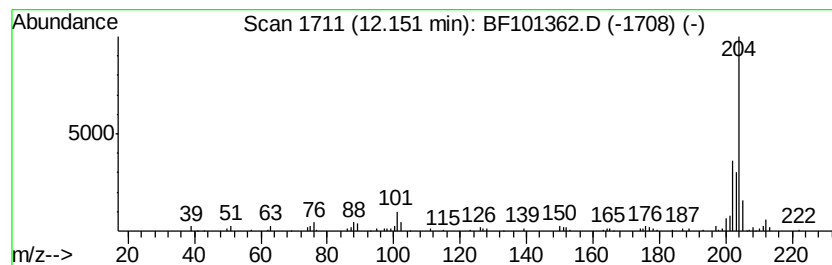
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.35 ng	114124	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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MAP-3-E(4-5)

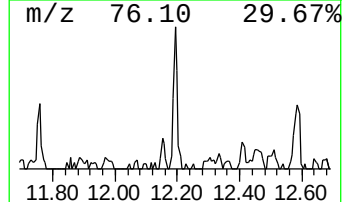
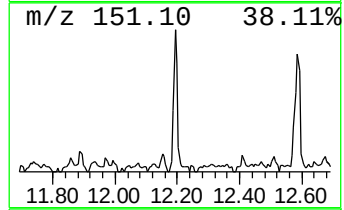
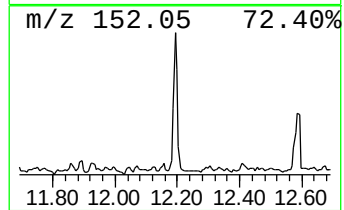
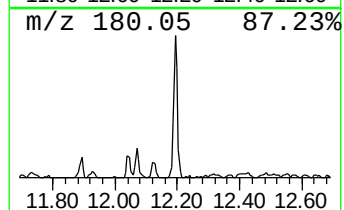
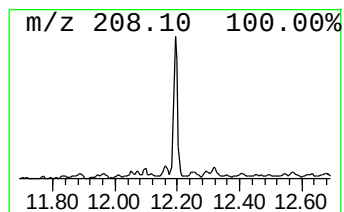
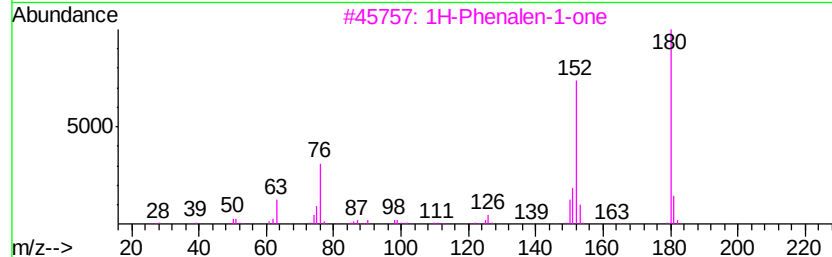
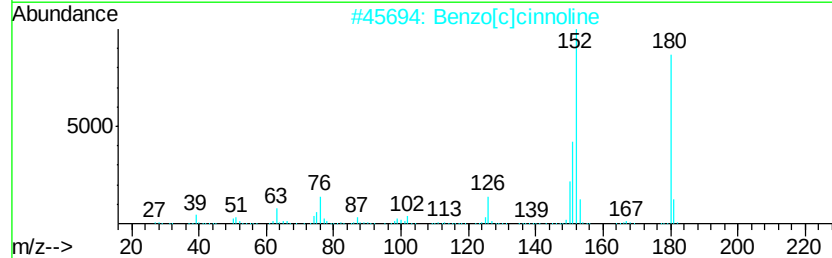
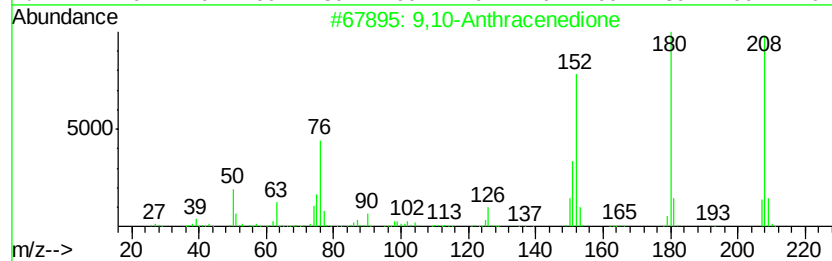
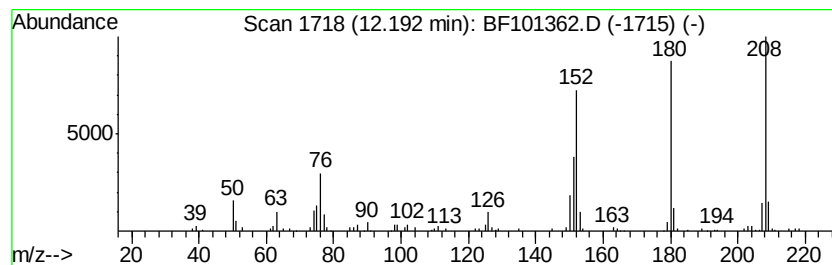
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	9.29 ng	126937	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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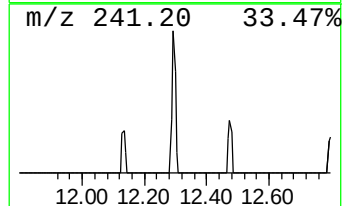
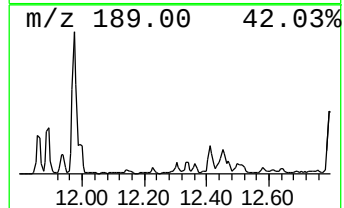
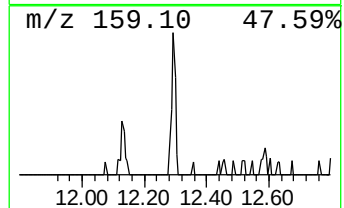
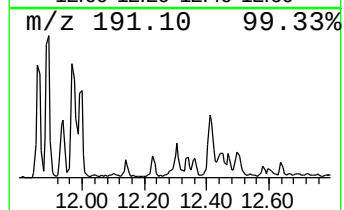
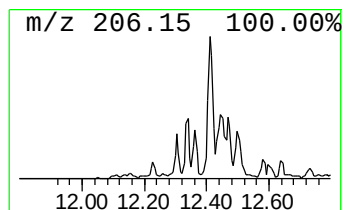
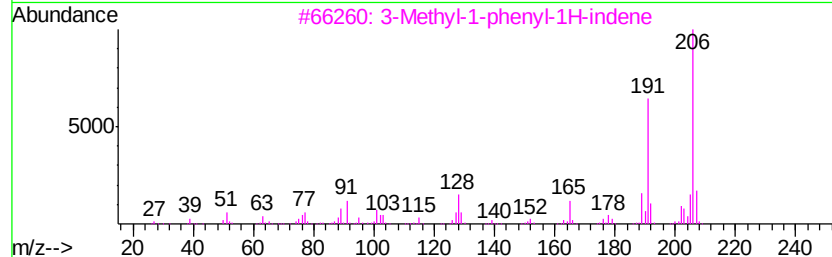
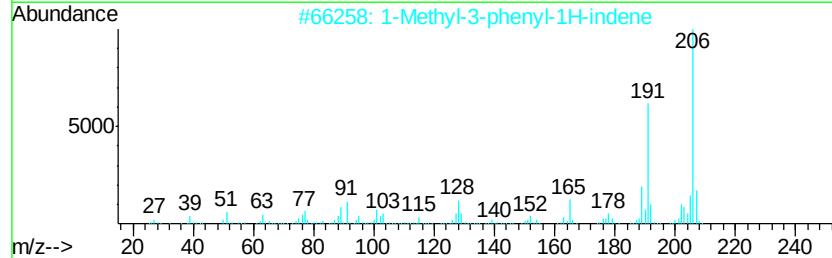
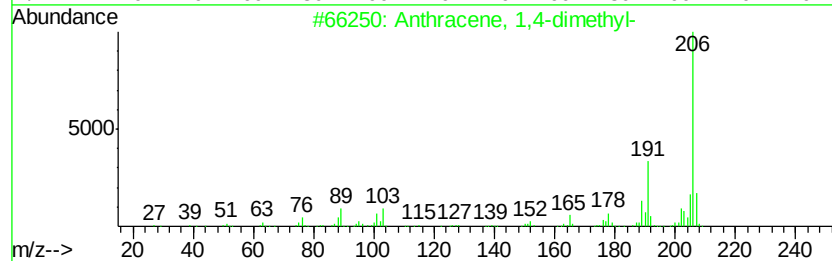
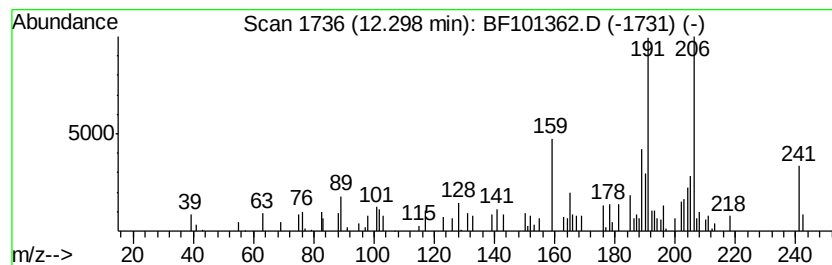
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.66 ng	77364	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
3			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
4			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	81



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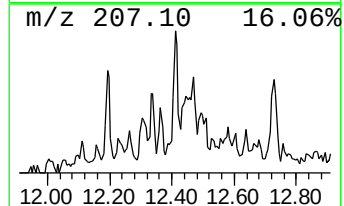
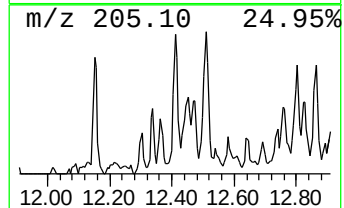
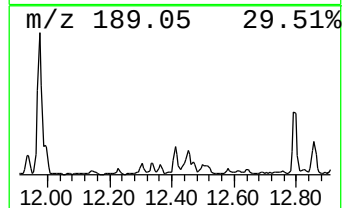
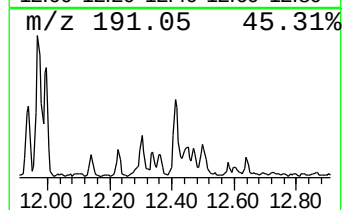
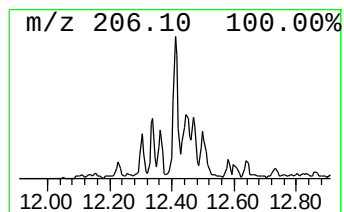
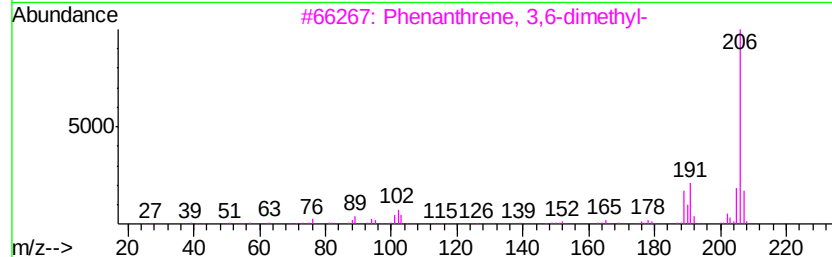
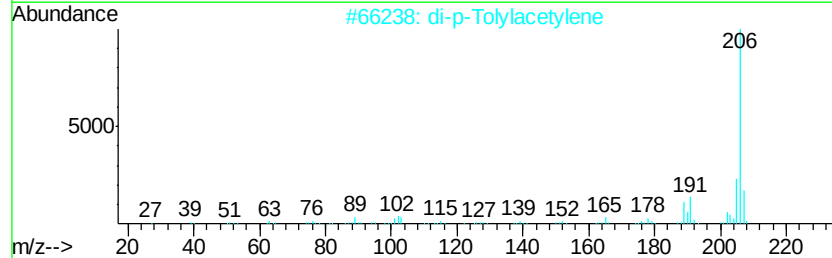
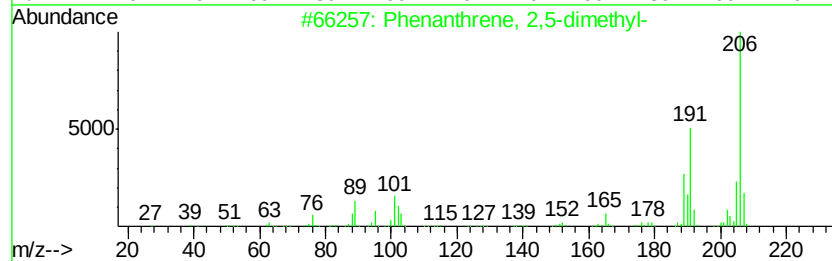
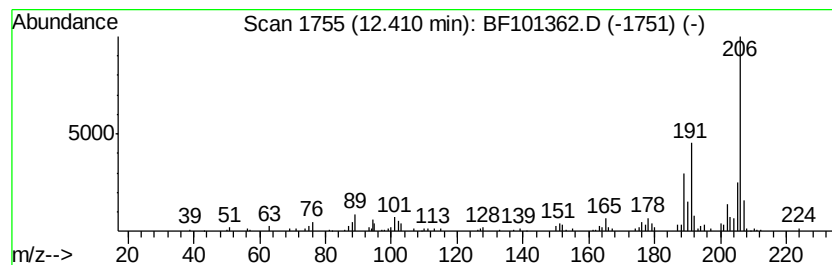
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	11.16 ng	152499	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

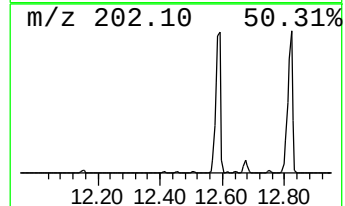
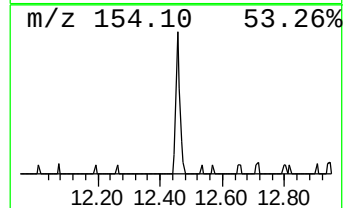
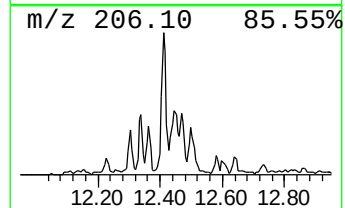
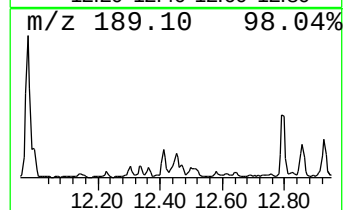
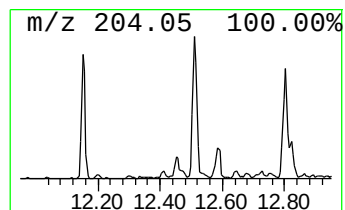
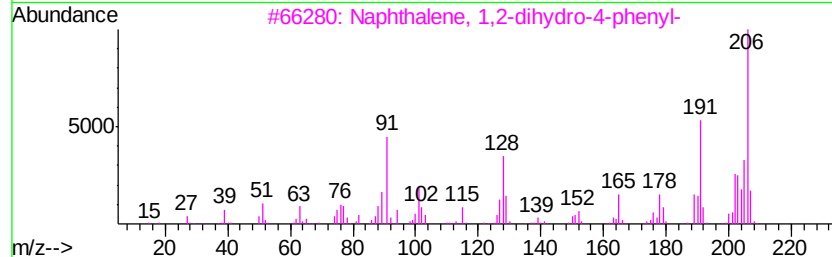
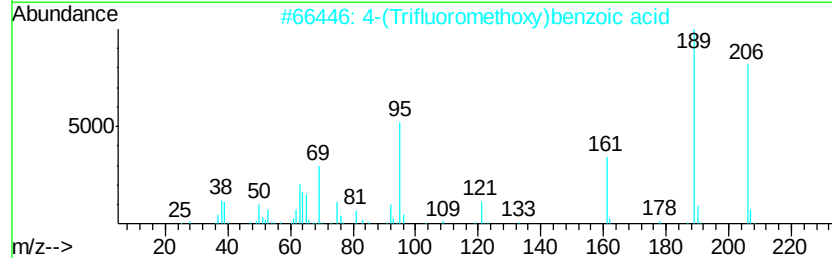
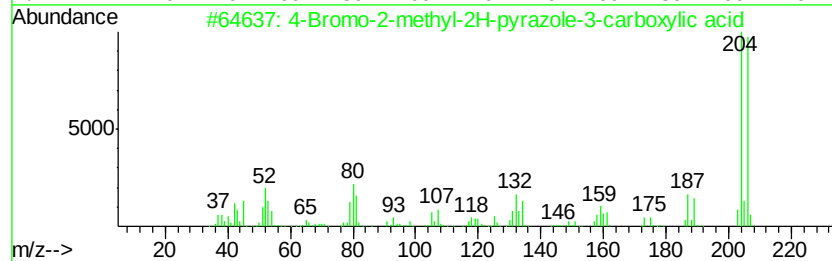
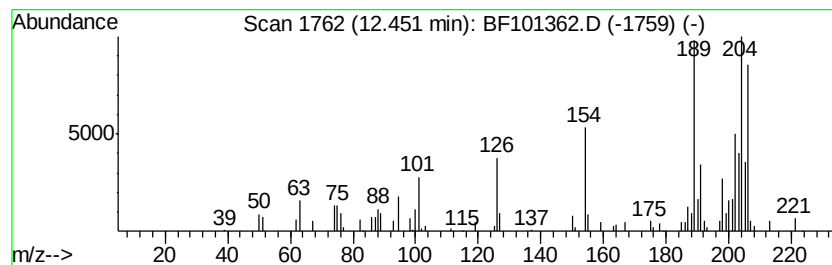
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ClientSampleId :
MAP-3-E(4-5)

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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 unknown12.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	6.91 ng	94477	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	27
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	25
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	18
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	18
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
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ALS Vial : 35 Sample Multiplier: 1

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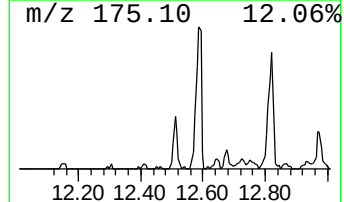
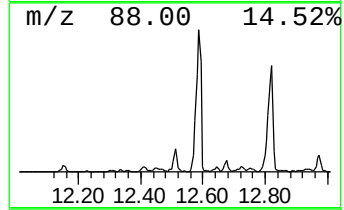
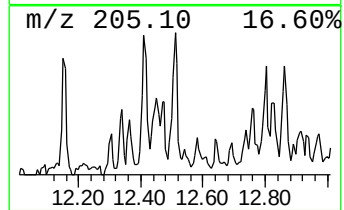
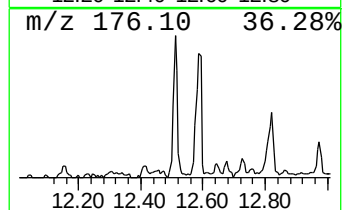
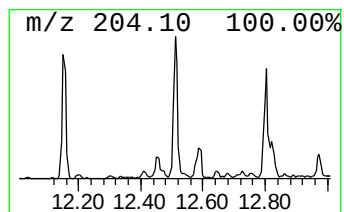
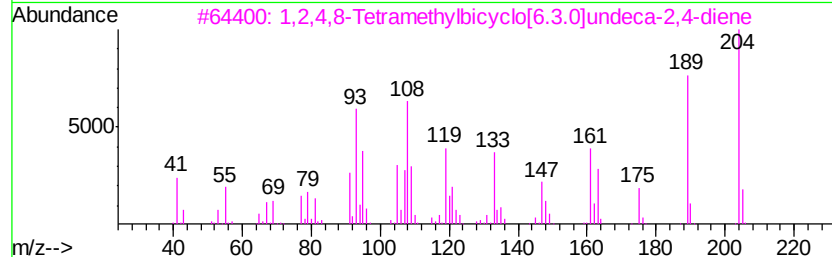
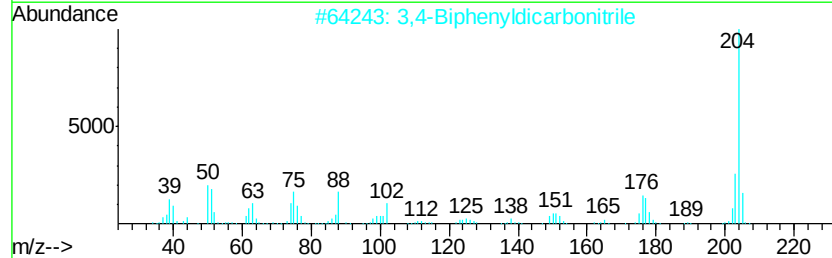
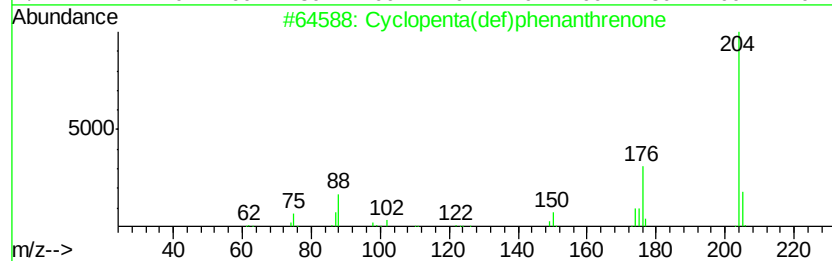
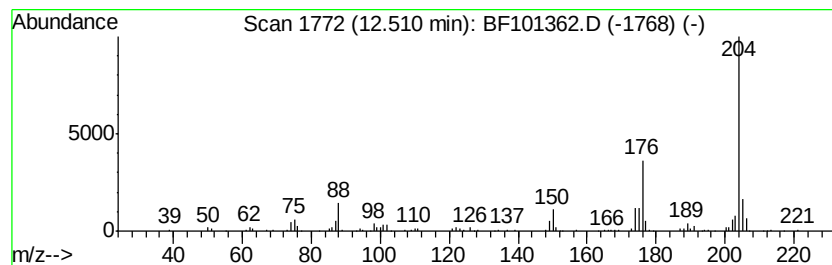
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	12.44 ng	170066	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	53
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5		4-Methoxy-6-(3-fluorophenyl)pyridine	204	C11H9FN2O	076128-74-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

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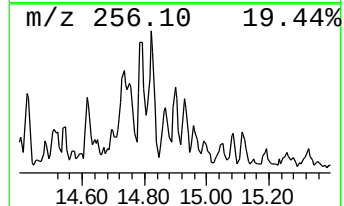
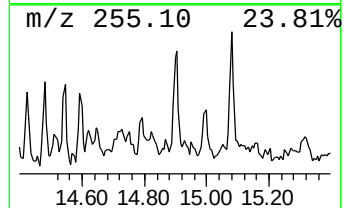
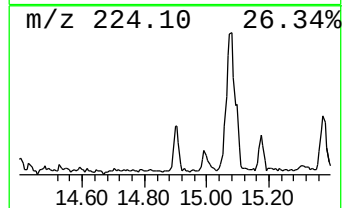
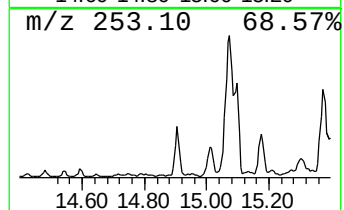
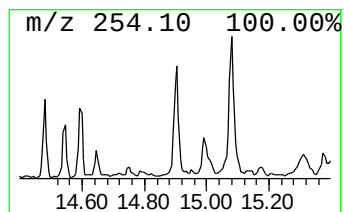
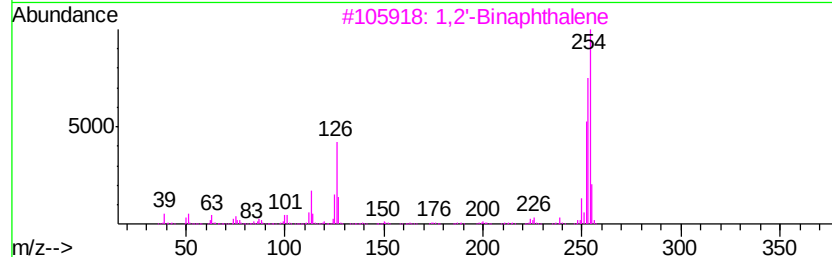
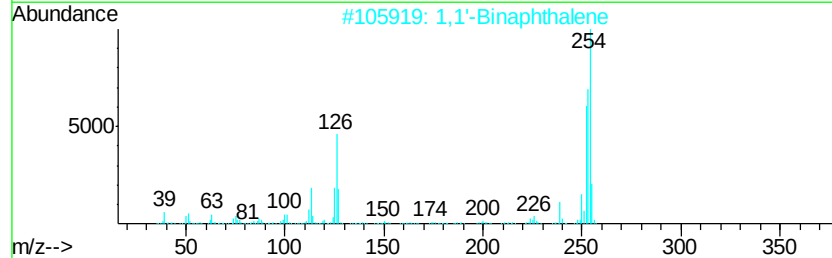
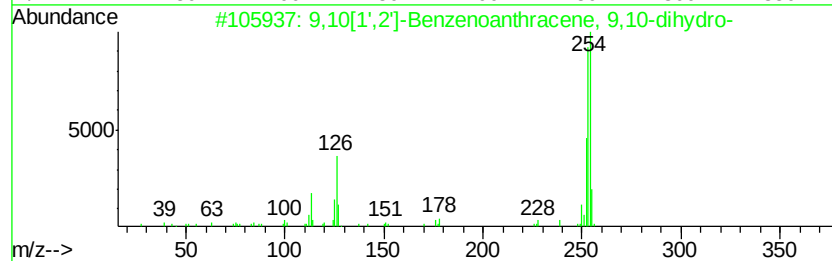
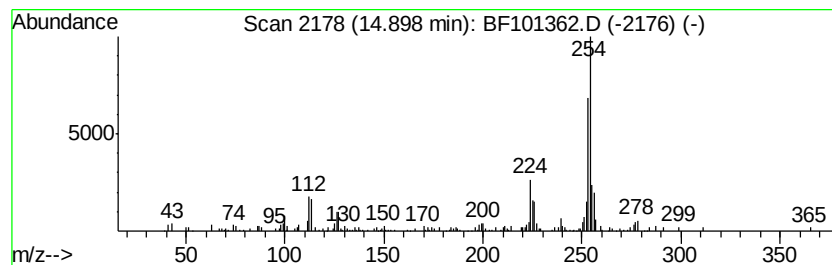
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10[1',2']-Benzenoanthracene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	15.70 ng	121701	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	68
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
5		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
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Instrument :
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ClientSampleId :
MAP-3-E(4-5)

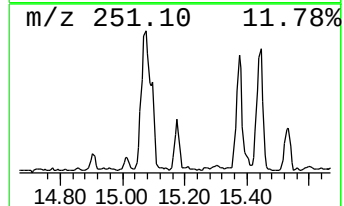
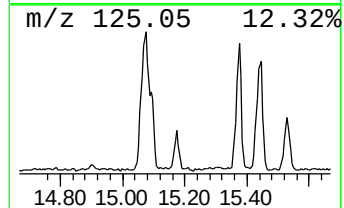
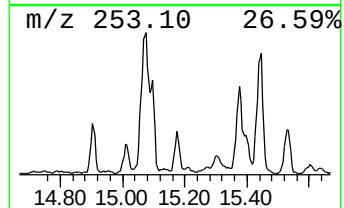
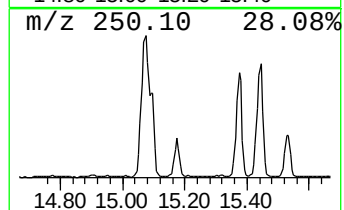
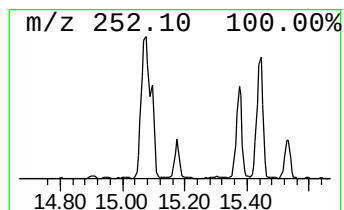
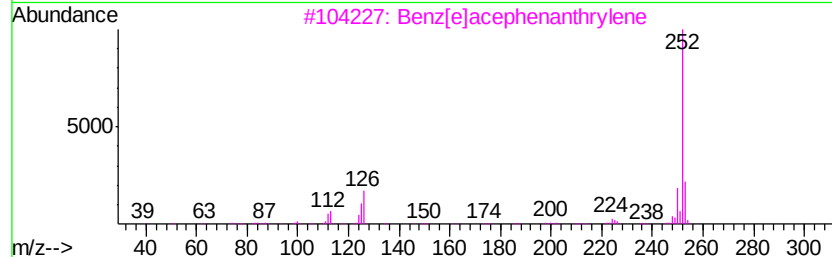
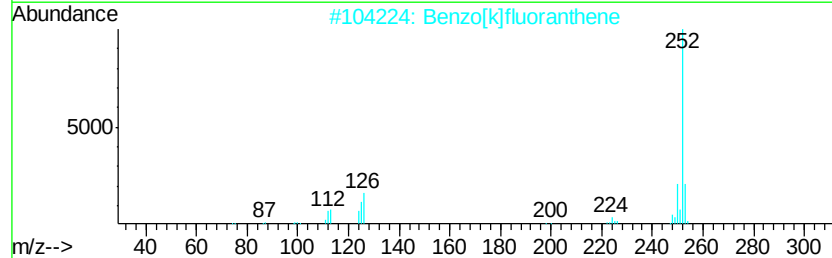
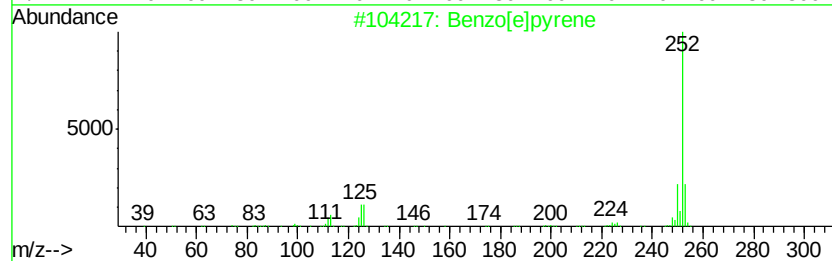
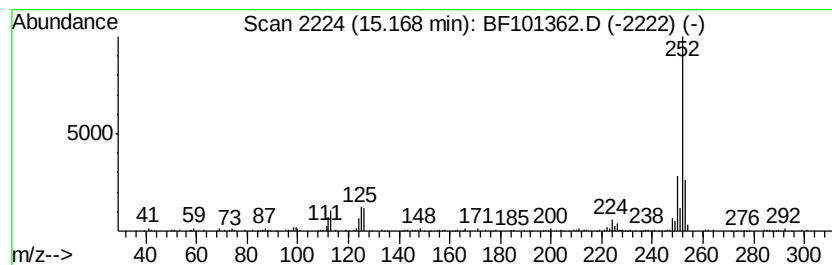
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	23.64 ng	183248	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MAP-3-E(4-5)

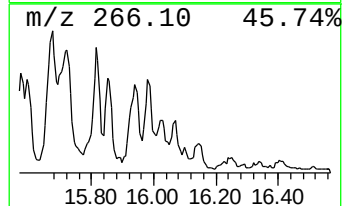
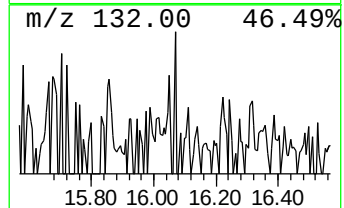
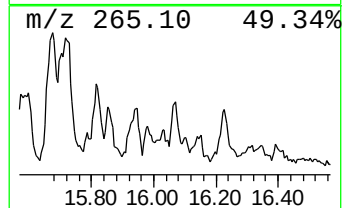
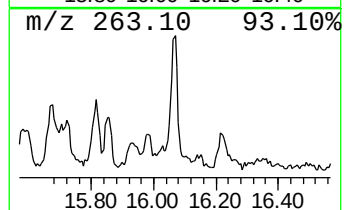
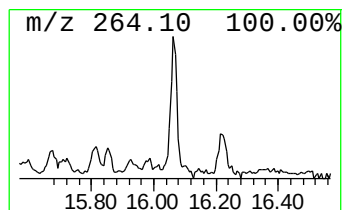
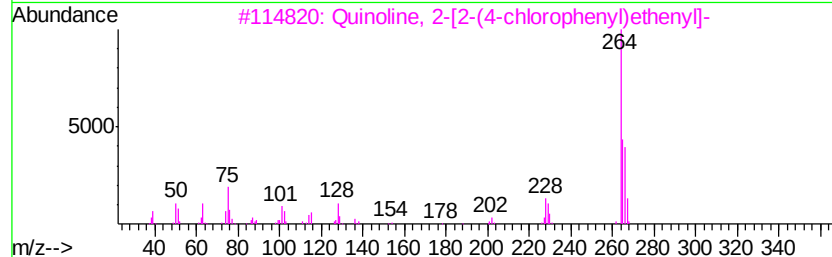
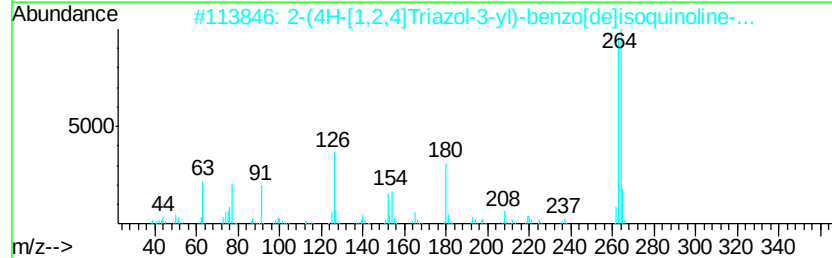
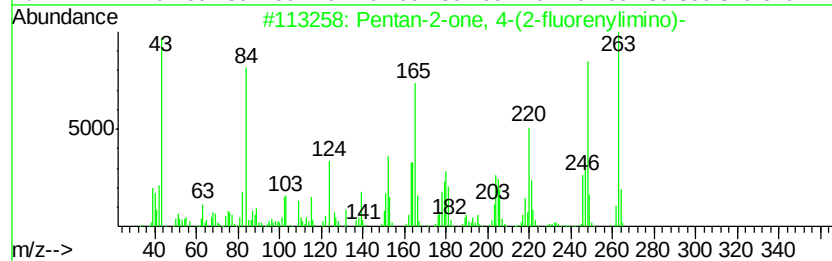
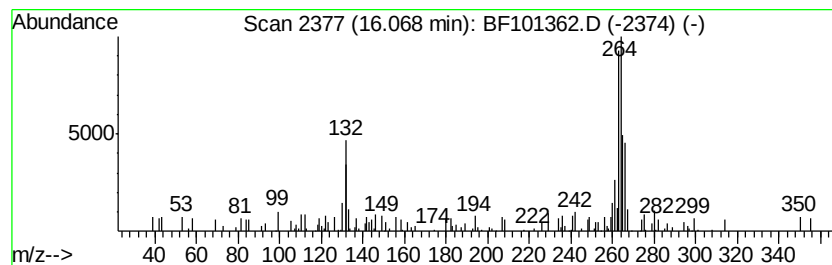
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.33 ng	41322	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	41
2		2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	38
3		Quinoline, 2-[2-(4-chlorophenyl)...]	265	C17H12ClN	005392-19-8	35
4		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	35
5		2,8-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	018258-53-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101362.D
Acq On : 13 Dec 2017 6:51
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MAP-3-E(4-5)

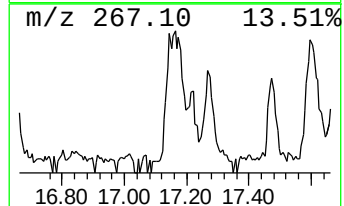
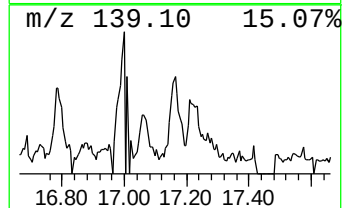
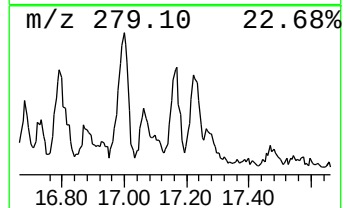
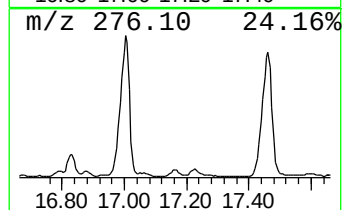
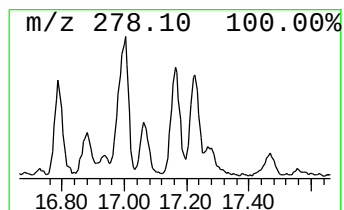
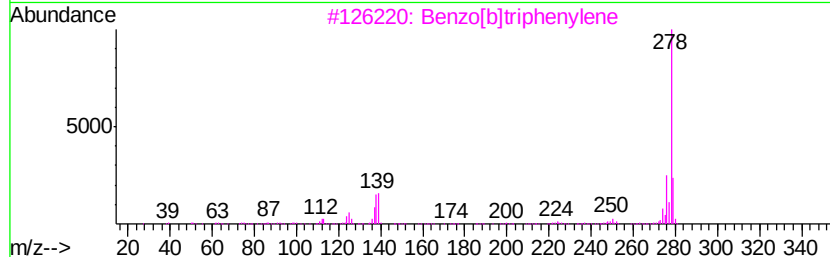
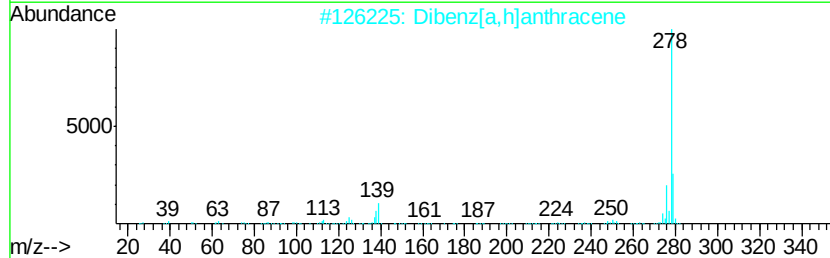
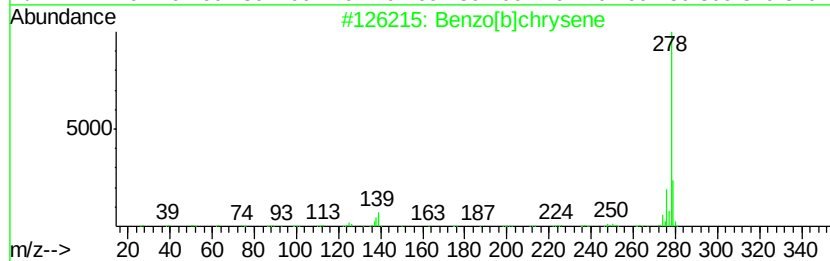
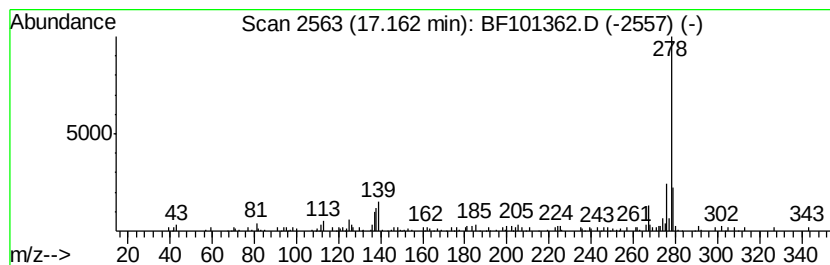
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	18.52 ng	143613	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]chrysene	278	C22H14	000214-17-5	93
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	86
4		p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	76
5		Picene	278	C22H14	000213-46-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
 Data File : BF101362.D
 Acq On : 13 Dec 2017 6:51
 Operator : SJ/JU
 Sample : I6764-10 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
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unknown11.76	11.76	5.9	ng	80662	4	11.36	273358	20.0
Phenanthrene, 2-m...	11.86	11.4	ng	155223	4	11.36	273358	20.0
Phenanthrene, 1-m...	11.89	13.4	ng	182956	4	11.36	273358	20.0
4H-Cyclopenta[def...	11.97	19.6	ng	267223	4	11.36	273358	20.0
Anthracene, 1-met...	11.99	7.4	ng	101442	4	11.36	273358	20.0
Naphthalene, 2-ph...	12.15	8.3	ng	114124	4	11.36	273358	20.0
9,10-Anthracenedione	12.19	9.3	ng	126937	4	11.36	273358	20.0
Anthracene, 1,4-d...	12.30	5.7	ng	77364	4	11.36	273358	20.0
Phenanthrene, 2,5...	12.41	11.2	ng	152499	4	11.36	273358	20.0
unknown12.45	12.45	6.9	ng	94477	4	11.36	273358	20.0
Cyclopenta(def)ph...	12.51	12.4	ng	170066	4	11.36	273358	20.0
9,10[1',2']-Benze...	14.90	15.7	ng	121701	6	15.50	155051	20.0
Benzo[e]pyrene	15.17	23.6	ng	183248	6	15.50	155051	20.0
unknown16.07	16.07	5.3	ng	41322	6	15.50	155051	20.0
Benzo[b]chrysene	17.16	18.5	ng	143613	6	15.50	155051	20.0