

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098565.D
 Acq On : 15 Sep 2017 13:15
 Operator : SJ/JU
 Sample : I5188-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-2-0-17.25

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.534	239	246	256	rBV	117593	203383	4.30%	0.263%
2	4.816	460	464	482	rVB	387826	524220	11.08%	0.679%
3	5.251	534	538	558	rBV	2705966	2824339	59.72%	3.659%
4	6.304	713	717	733	rBV	2759321	3040618	64.29%	3.939%
5	6.422	733	737	742	rVV	3006701	2986315	63.14%	3.869%
6	6.645	771	775	782	rVB	894332	859888	18.18%	1.114%
7	6.798	797	801	812	rBV	2673065	2326979	49.20%	3.015%
8	7.216	867	872	875	rBV	2031956	1888396	39.93%	2.446%
9	7.928	988	993	995	rBV	1375789	1157785	24.48%	1.500%
10	7.945	995	996	1002	rVB	161176	143515	3.03%	0.186%
11	8.639	1111	1114	1122	rVB	133409	106222	2.25%	0.138%
12	9.004	1171	1176	1179	rBV	3595359	3249093	68.70%	4.209%
13	9.339	1229	1233	1236	rBV	114865	118346	2.50%	0.153%
14	9.404	1240	1244	1247	rVV	420804	334935	7.08%	0.434%
15	9.680	1284	1291	1294	rBV	1331786	1232337	26.06%	1.597%
16	9.710	1294	1296	1301	rVB	668680	521770	11.03%	0.676%
17	9.880	1322	1325	1330	rVV	267949	299174	6.33%	0.388%
18	10.227	1380	1384	1389	rVB2	719304	642313	13.58%	0.832%
19	10.292	1389	1395	1396	rBV2	94243	119869	2.53%	0.155%
20	10.380	1408	1410	1415	rVB	170599	158664	3.35%	0.206%
21	10.469	1419	1425	1429	rBV	1565589	1510394	31.93%	1.957%
22	10.586	1441	1445	1452	rVB4	163208	235821	4.99%	0.306%
23	10.774	1470	1477	1479	rBV3	181819	226597	4.79%	0.294%
24	10.974	1508	1511	1515	rVB	171078	152999	3.23%	0.198%
25	11.016	1515	1518	1520	rBV2	103350	131626	2.78%	0.171%
26	11.057	1523	1525	1533	rVB	277081	260104	5.50%	0.337%
27	11.163	1539	1543	1545	rBV	1116839	1130203	23.90%	1.464%
28	11.192	1545	1548	1551	rVV	4173086	3840436	81.20%	4.975%
29	11.239	1551	1556	1559	rVB	1251375	1065031	22.52%	1.380%
30	11.274	1559	1562	1565	rBV2	102214	107331	2.27%	0.139%
31	11.398	1577	1583	1590	rBV2	354587	437429	9.25%	0.567%
32	11.457	1590	1593	1597	rVV3	143652	148277	3.14%	0.192%
33	11.663	1624	1628	1631	rBV	555509	497509	10.52%	0.645%
34	11.692	1631	1633	1637	rVB	710807	579569	12.25%	0.751%

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35	11.739	1637	1641	1644	rBV	278157	250290	5.29%	0.324%
36	11.774	1644	1647	1650	rVV	1053882	1063290	22.48%	1.378%
37	11.798	1650	1651	1656	rVB	354843	207223	4.38%	0.268%
38	11.957	1675	1678	1681	rBV	349074	297214	6.28%	0.385%
39	11.992	1681	1684	1688	rVB	277232	241517	5.11%	0.313%
40	12.110	1698	1704	1706	rBV2	120857	146871	3.11%	0.190%
41	12.139	1706	1709	1711	rVV	136626	127462	2.69%	0.165%
42	12.163	1711	1713	1717	rVV	123137	135560	2.87%	0.176%
43	12.216	1718	1722	1724	rVV	249072	269151	5.69%	0.349%
44	12.251	1724	1728	1731	rVV2	231676	299170	6.33%	0.388%
45	12.304	1734	1737	1744	rVB3	213229	284533	6.02%	0.369%
46	12.386	1745	1751	1754	rVV	4622708	4729662	100.00%	6.127%
47	12.521	1769	1774	1778	rBV2	216424	251048	5.31%	0.325%
48	12.610	1783	1789	1792	rVV2	3732279	4708932	99.56%	6.100%
49	12.639	1792	1794	1801	rVB3	286285	507897	10.74%	0.658%
50	12.721	1805	1808	1810	rBV	275151	299240	6.33%	0.388%
51	12.751	1810	1813	1820	rVB	2572090	2554433	54.01%	3.309%
52	12.827	1820	1826	1829	rBV2	303052	519099	10.98%	0.672%
53	12.910	1837	1840	1841	rBV3	236620	249609	5.28%	0.323%
54	12.933	1841	1844	1847	rVB	891164	801941	16.96%	1.039%
55	12.998	1852	1855	1858	rVV	777956	638715	13.50%	0.827%
56	13.033	1858	1861	1863	rVV2	438794	459565	9.72%	0.595%
57	13.057	1863	1865	1869	rVB	185764	183169	3.87%	0.237%
58	13.127	1874	1877	1880	rBV	204928	174198	3.68%	0.226%
59	13.157	1880	1882	1886	rBV2	223599	210424	4.45%	0.273%
60	13.333	1906	1912	1914	rBV4	114235	217623	4.60%	0.282%
61	13.357	1914	1916	1918	rVB2	133205	112622	2.38%	0.146%
62	13.415	1923	1926	1928	rBV3	127121	134929	2.85%	0.175%
63	13.445	1928	1931	1935	rVB	255519	221284	4.68%	0.287%
64	13.551	1944	1949	1951	rBV	439460	458660	9.70%	0.594%
65	13.574	1951	1953	1955	rVV	395600	356172	7.53%	0.461%
66	13.604	1955	1958	1959	rVV	290291	305205	6.45%	0.395%
67	13.651	1963	1966	1973	rVB2	389760	444896	9.41%	0.576%
68	13.798	1983	1991	1995	rBV2	2373105	4029544	85.20%	5.220%
69	13.833	1995	1997	2000	rVV	1950320	1539264	32.54%	1.994%
70	13.910	2004	2010	2012	rBV	484316	514328	10.87%	0.666%
71	13.951	2015	2017	2023	rVV4	162931	270491	5.72%	0.350%

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72	13.998	2023	2025	2027	rVV	185549	179772	3.80%	0.233%
73	14.033	2029	2031	2034	rVB	262040	190702	4.03%	0.247%
74	14.151	2048	2051	2053	rVV	218396	196367	4.15%	0.254%
75	14.186	2053	2057	2060	rVV	413869	488480	10.33%	0.633%
76	14.221	2060	2063	2067	rVB2	192248	173121	3.66%	0.224%
77	14.286	2069	2074	2076	rVV2	245053	345226	7.30%	0.447%
78	14.310	2076	2078	2080	rVV2	225183	218834	4.63%	0.284%
79	14.333	2080	2082	2085	rVB	323322	258948	5.47%	0.335%
80	14.504	2108	2111	2114	rBV2	215266	267173	5.65%	0.346%
81	14.568	2119	2122	2131	rVB5	102466	216157	4.57%	0.280%
82	14.668	2135	2139	2142	rBV	187822	216974	4.59%	0.281%
83	14.704	2142	2145	2151	rVB4	202884	249644	5.28%	0.323%
84	14.821	2159	2165	2172	rBV	1755320	3432397	72.57%	4.447%
85	14.880	2172	2175	2177	rVV2	147483	169160	3.58%	0.219%
86	14.910	2177	2180	2185	rVB	402490	456882	9.66%	0.592%
87	15.009	2192	2197	2199	rBV	112378	200377	4.24%	0.260%
88	15.092	2207	2211	2217	rVB	1052427	1347085	28.48%	1.745%
89	15.157	2217	2222	2226	rBV	1575408	1845035	39.01%	2.390%
90	15.209	2226	2231	2233	rVV	695425	846612	17.90%	1.097%
91	15.233	2233	2235	2241	rVB2	470439	618644	13.08%	0.801%
92	15.404	2260	2264	2270	rVB3	371211	589260	12.46%	0.763%
93	15.609	2296	2299	2303	rVB	139172	163325	3.45%	0.212%
94	15.715	2314	2317	2321	rVB2	132021	163515	3.46%	0.212%
95	16.551	2452	2459	2465	rBV	612387	1144557	24.20%	1.483%
96	16.698	2481	2484	2489	rVB	91916	143857	3.04%	0.186%
97	16.951	2521	2527	2535	rBV	419009	853908	18.05%	1.106%
98	17.168	2560	2564	2577	rVB3	147580	431231	9.12%	0.559%
99	18.986	2867	2873	2884	rVB3	113771	358304	7.58%	0.464%
100	19.156	2896	2902	2908	rBV3	54604	147481	3.12%	0.191%

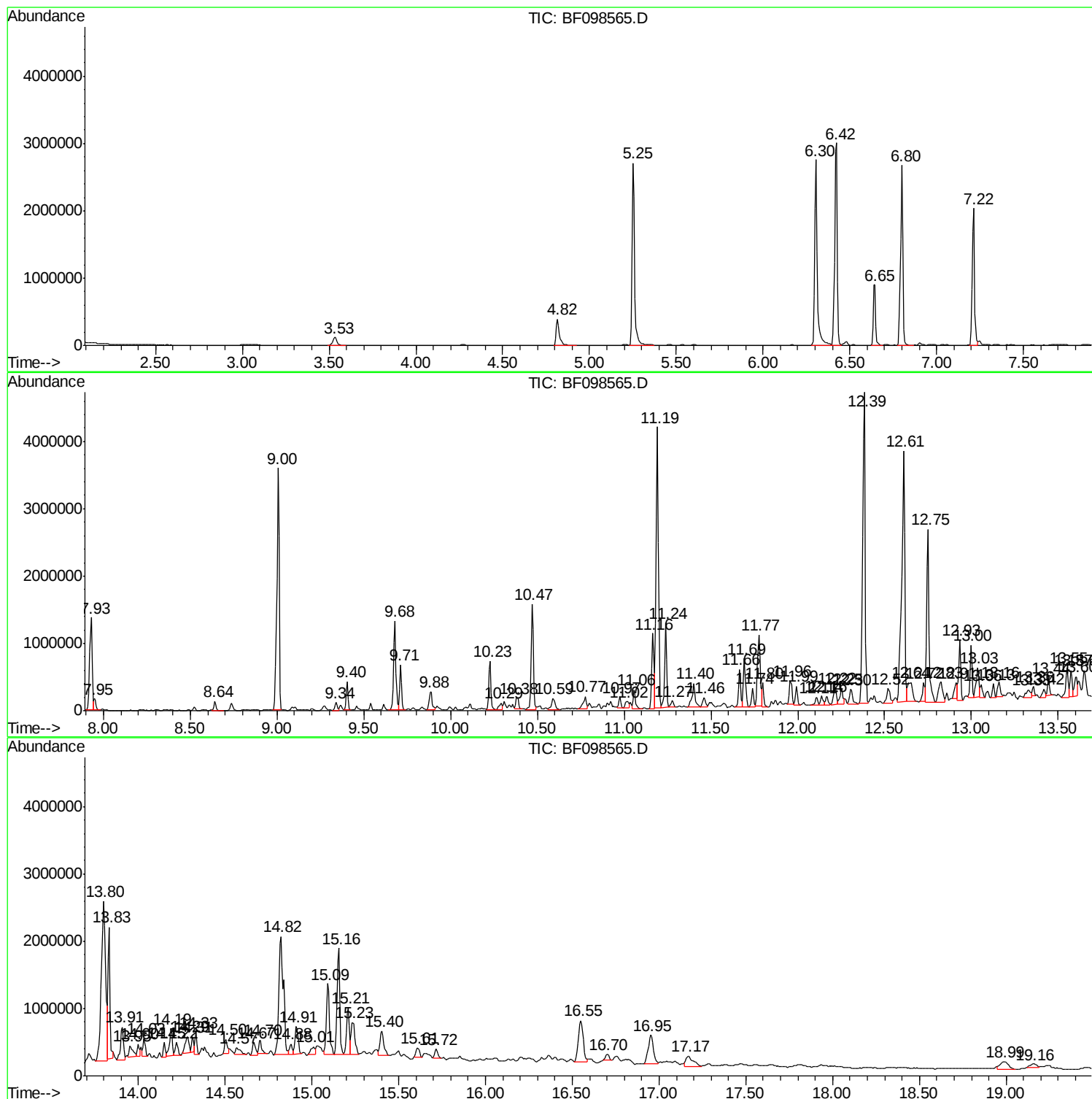
Sum of corrected areas: 77189746

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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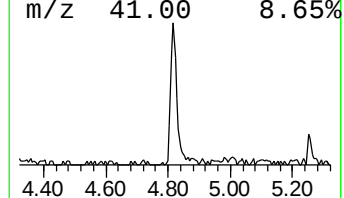
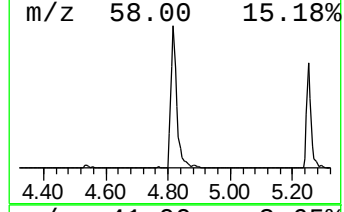
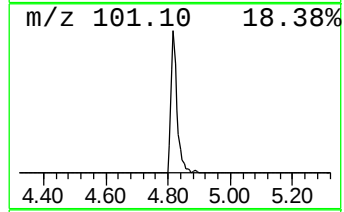
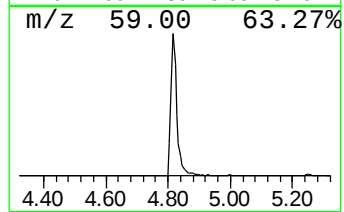
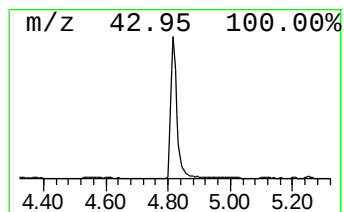
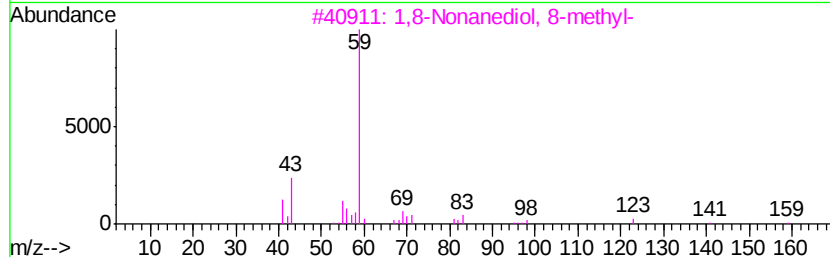
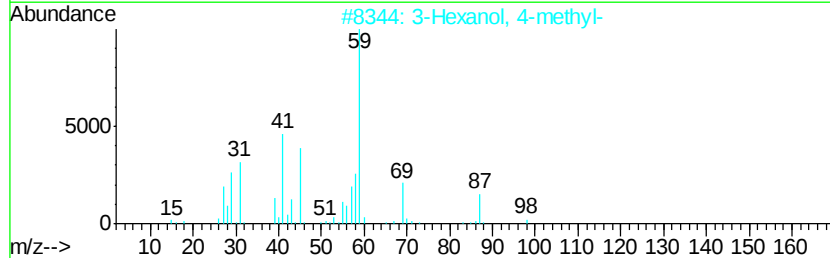
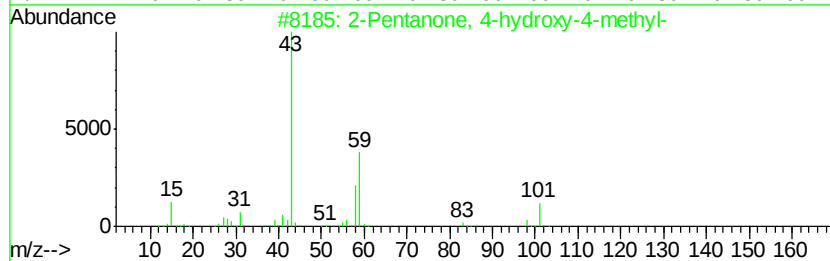
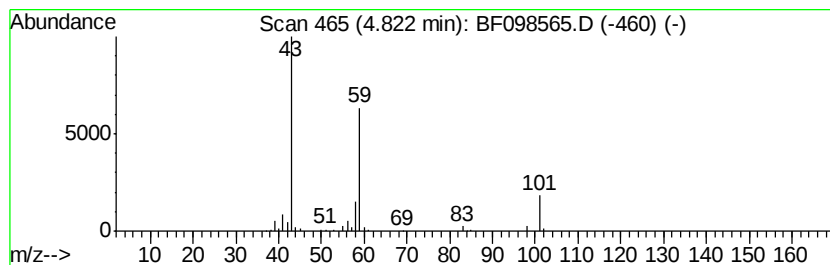
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.19 ng	524220	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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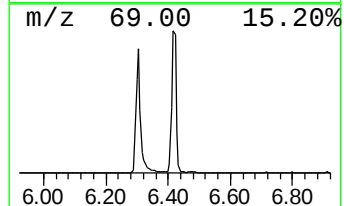
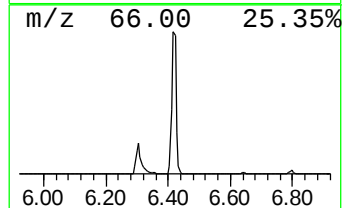
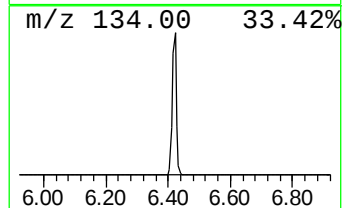
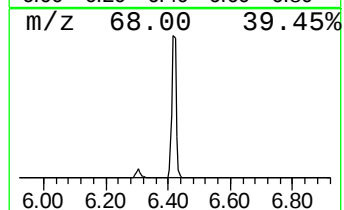
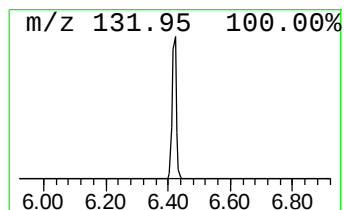
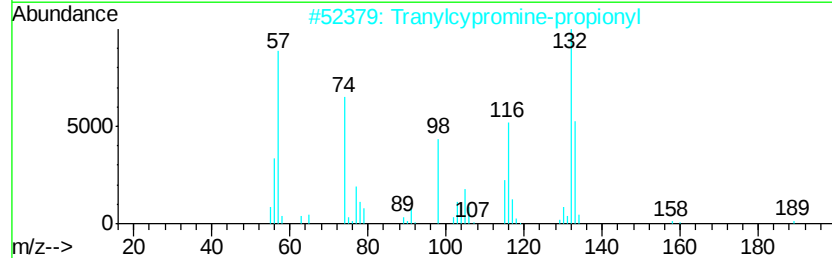
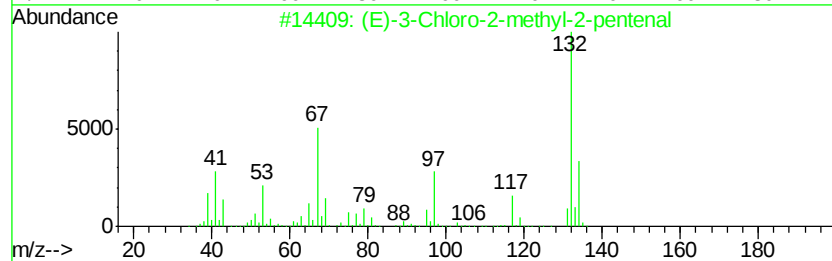
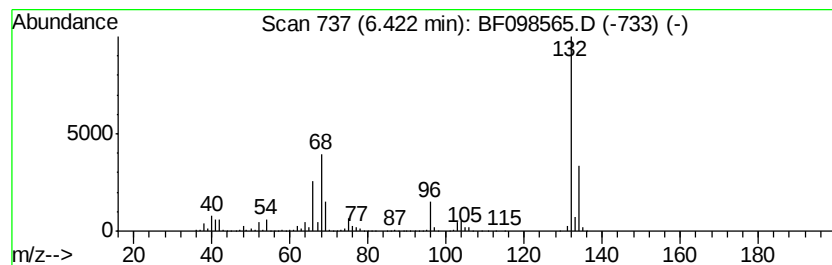
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	69.46 ng	2986320	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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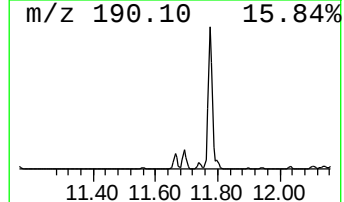
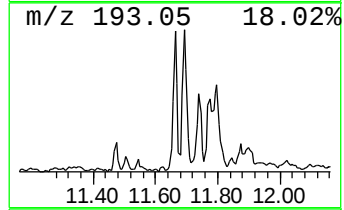
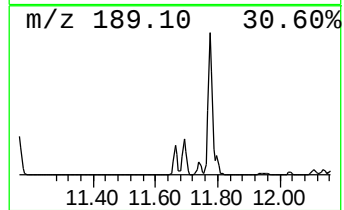
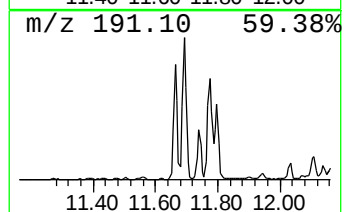
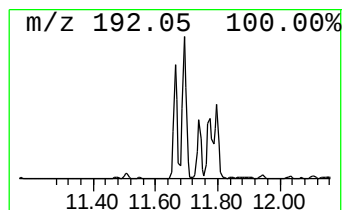
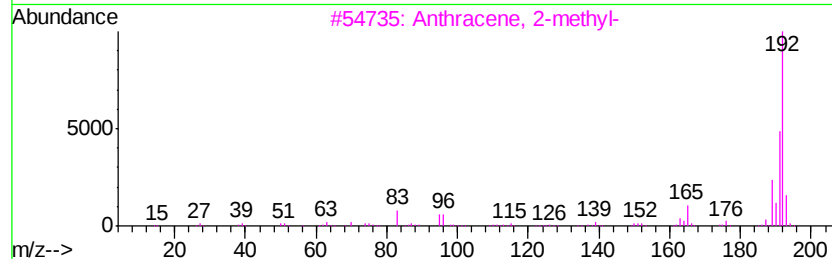
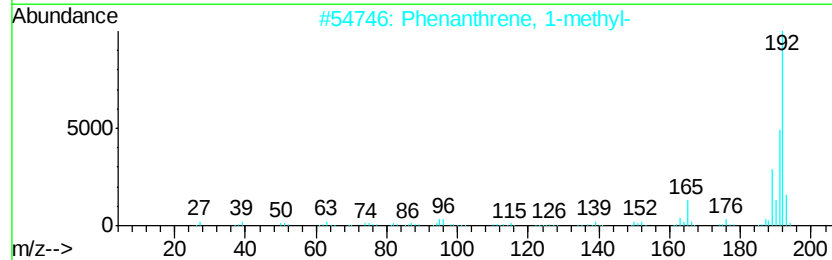
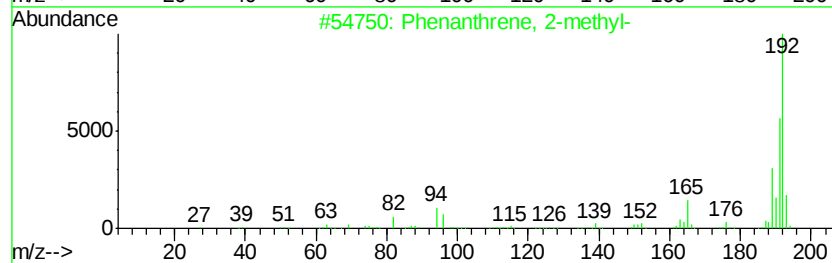
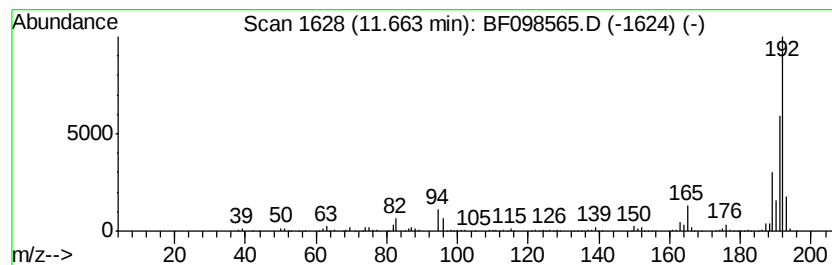
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	8.80 ng	497509	Phenanthrene-d10	11.16

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	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RL-2-0-17.25

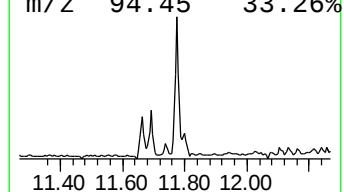
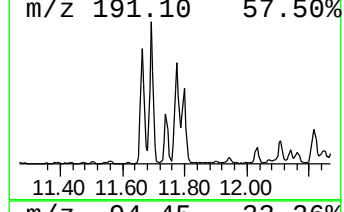
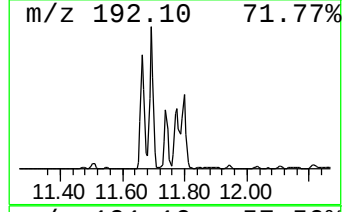
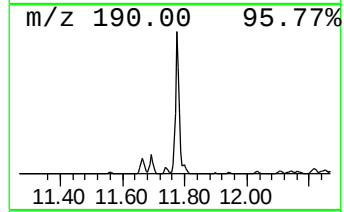
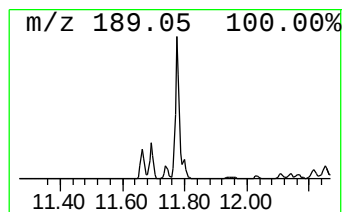
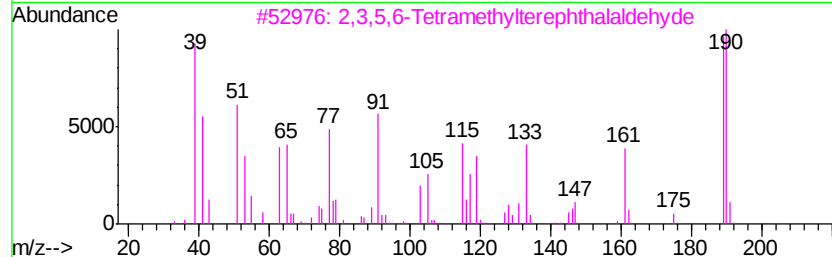
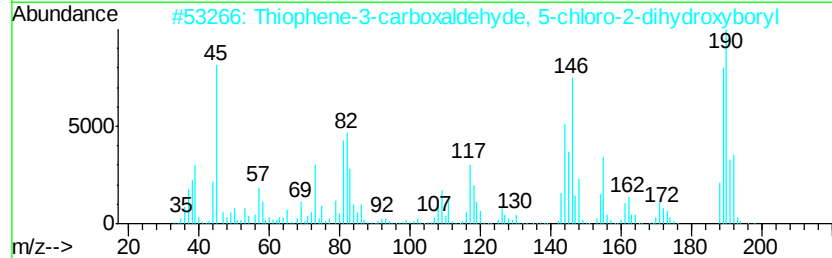
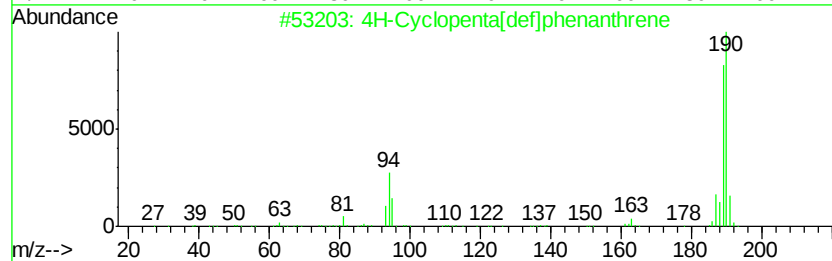
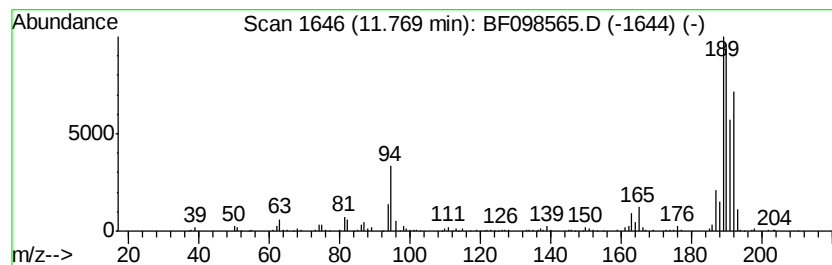
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	18.82 ng	1063290	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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Operator : SJ/JU
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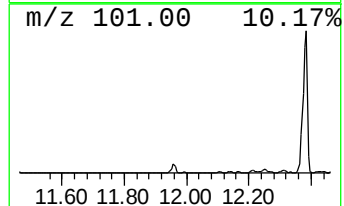
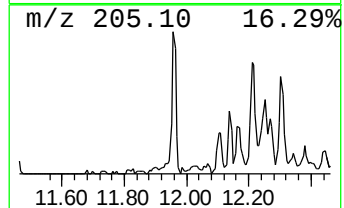
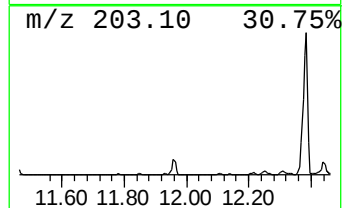
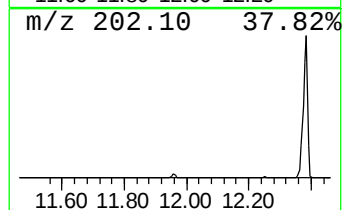
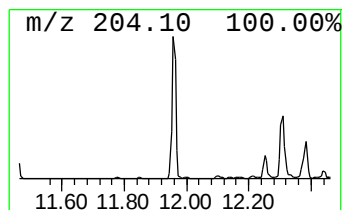
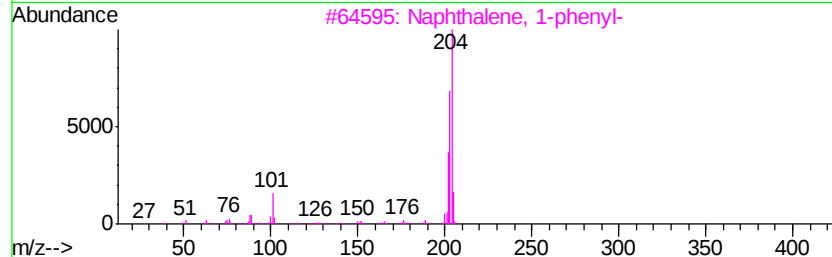
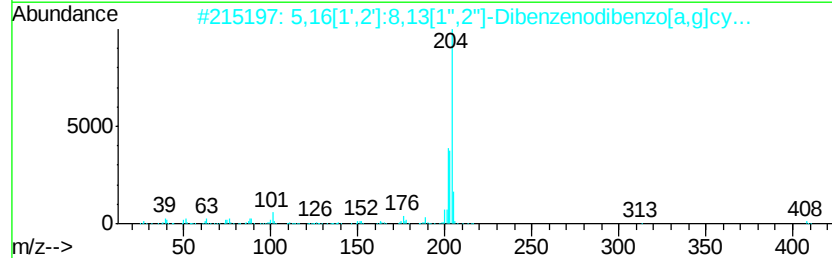
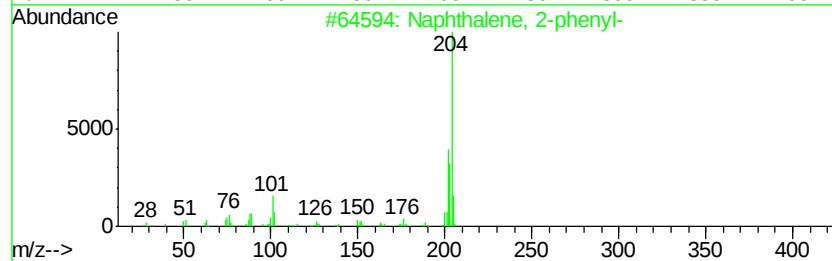
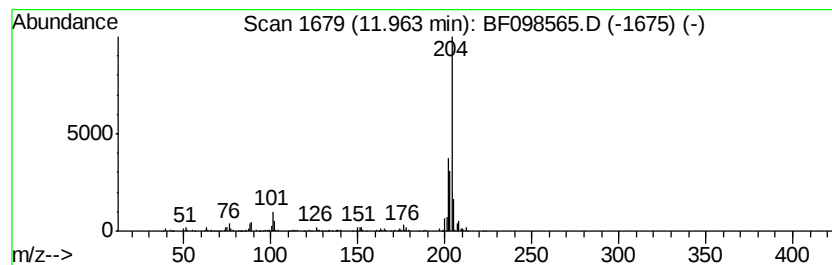
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.26 ng	297214	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
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Operator : SJ/JU
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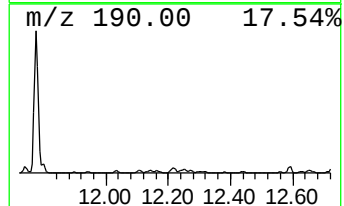
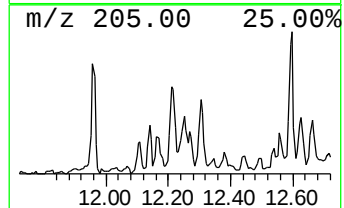
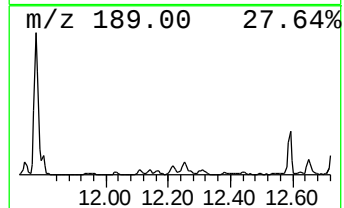
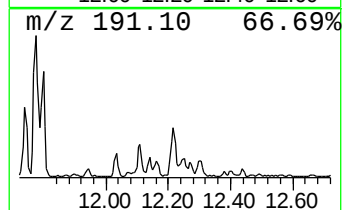
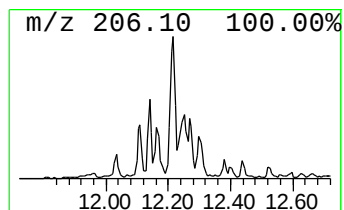
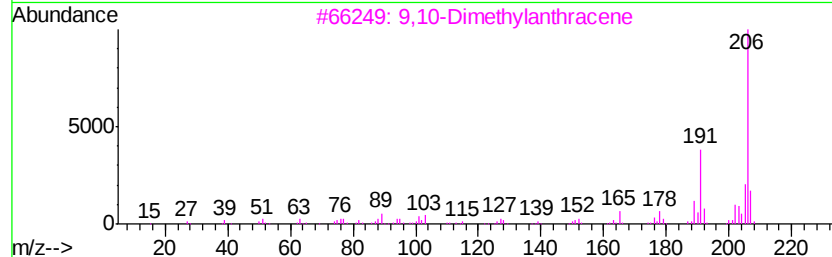
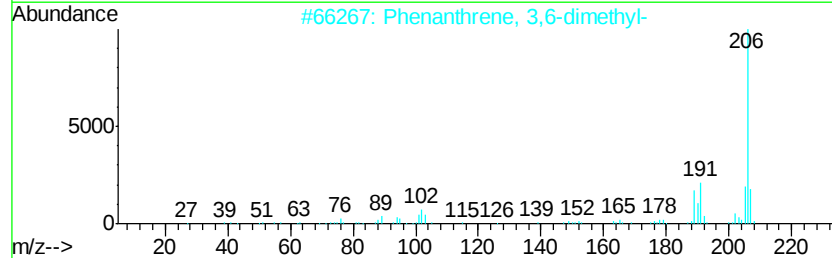
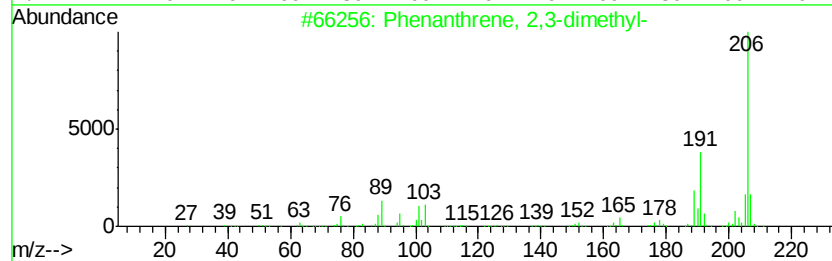
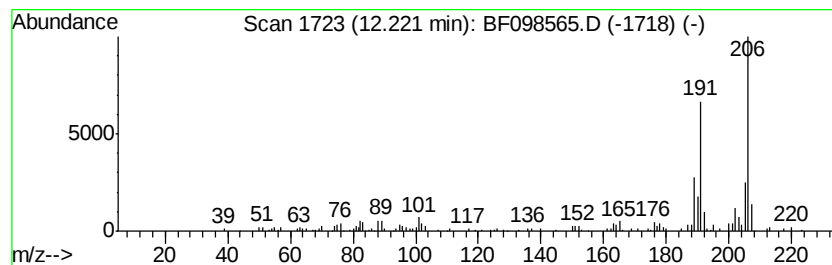
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.76 ng	269151	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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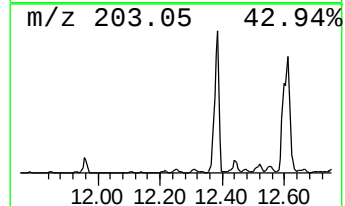
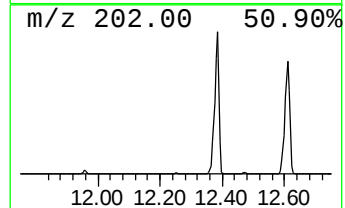
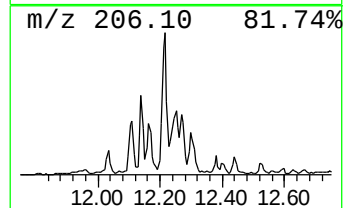
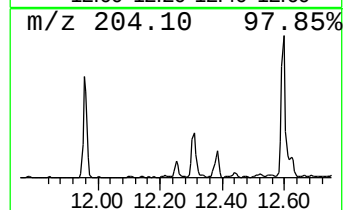
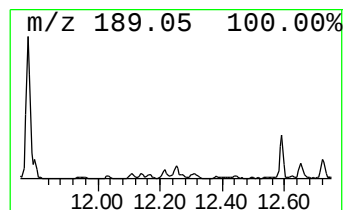
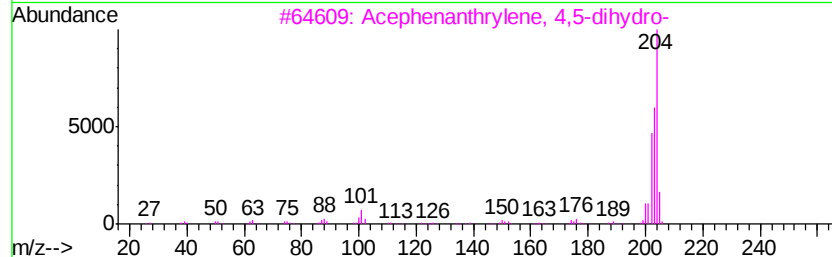
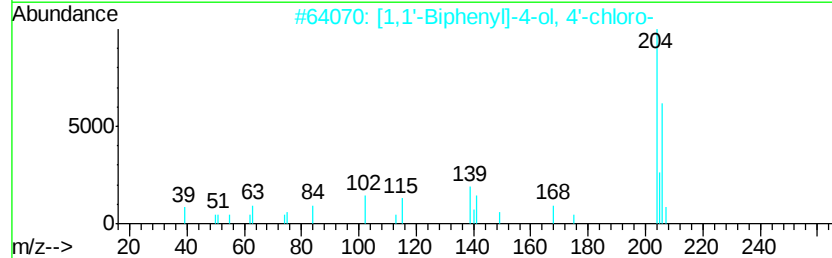
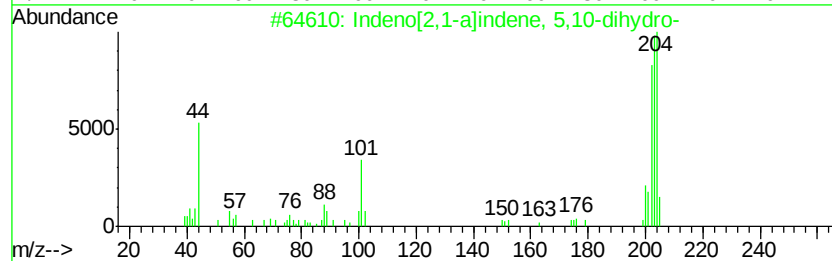
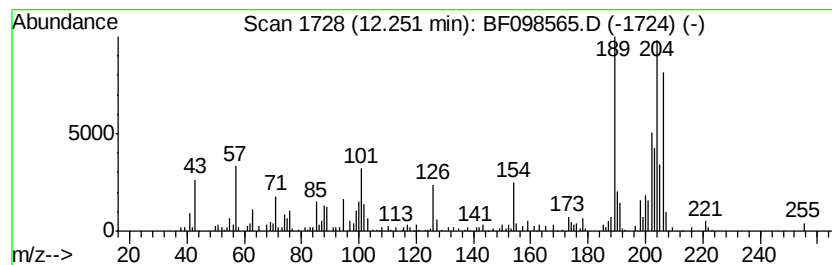
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	5.29 ng	299170	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	42
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
3		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
4		4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	27
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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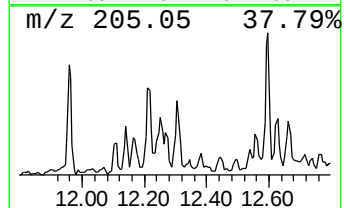
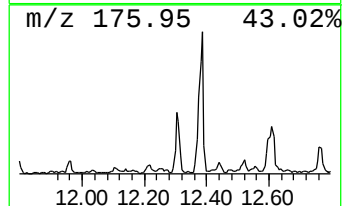
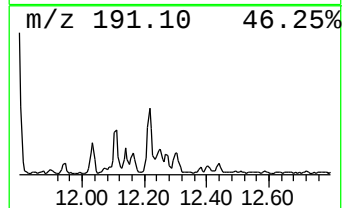
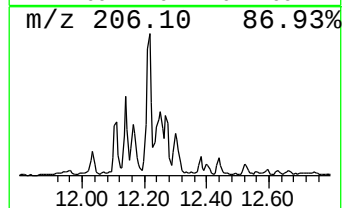
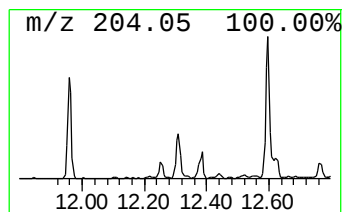
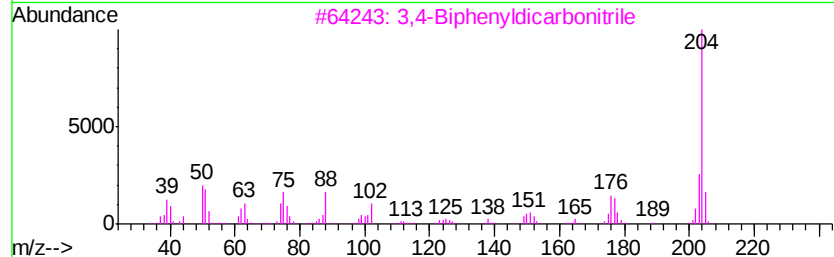
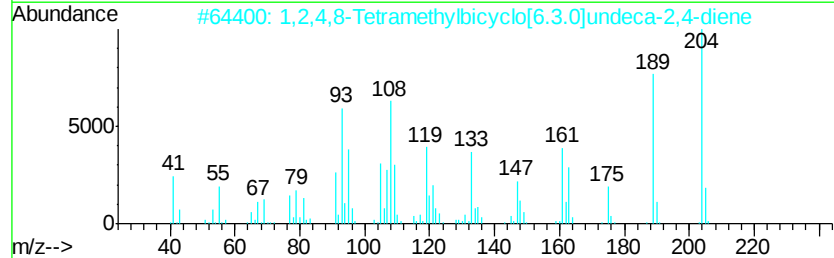
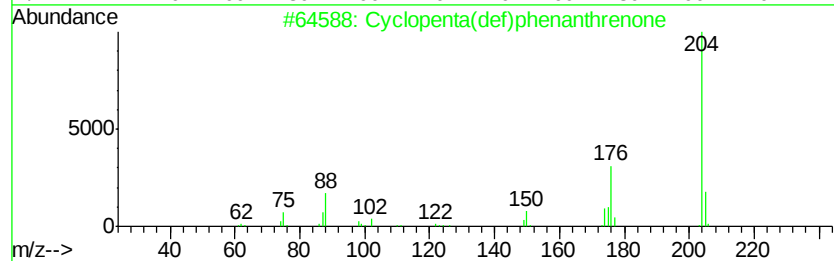
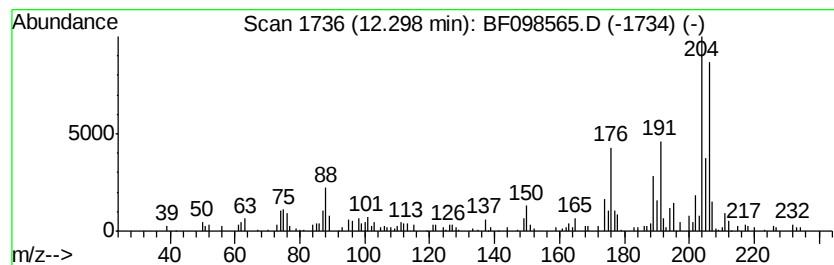
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.04 ng	284533	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4		4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	43
5		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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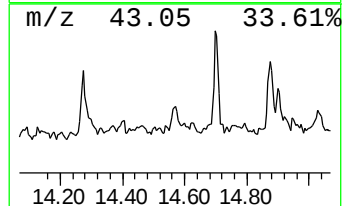
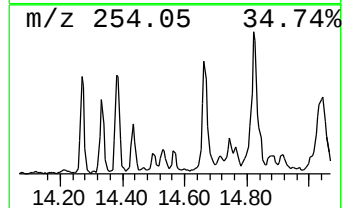
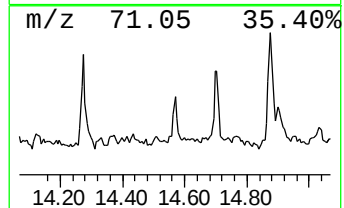
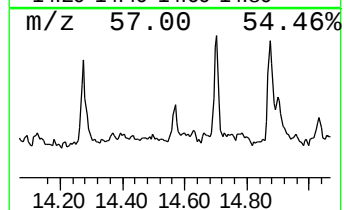
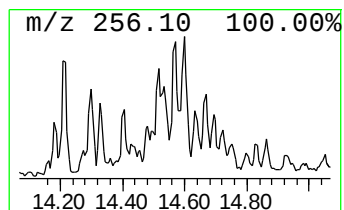
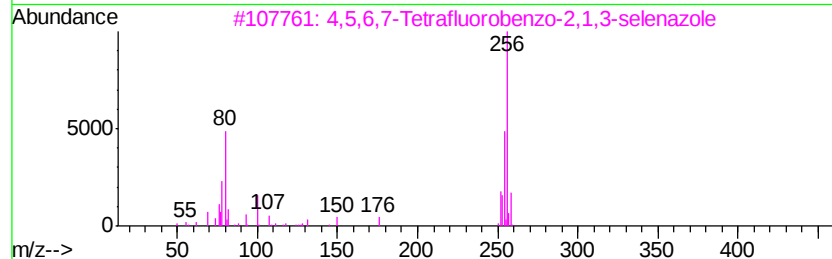
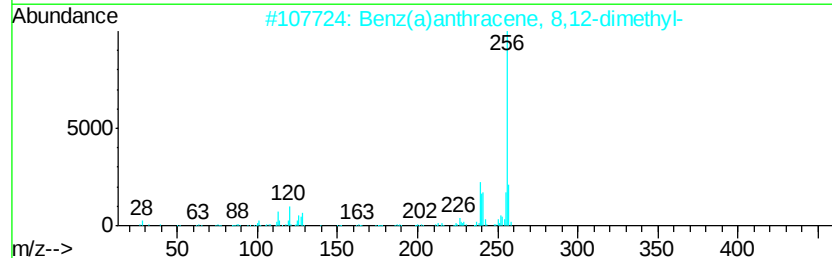
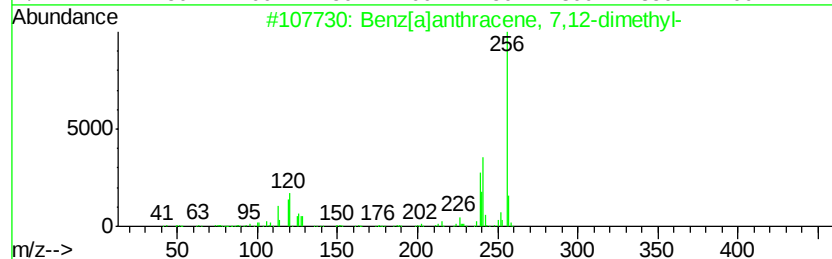
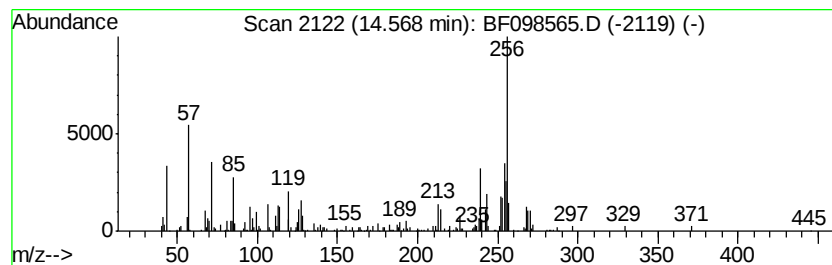
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benz[a]anthracene, 7,12-dim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.11 ng	216157	Perylene-d12	15.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	50
2			Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	49
3			4,5,6,7-Tetrafluorobenzo-2,1,3-s...	256	C6F4N2Se	019227-22-6	43
4			3-[(2-Methyl-5-nitro-phenylimino...	256	C14H12N2O3	1000297-24-5	43
5			4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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Acq On : 15 Sep 2017 13:15
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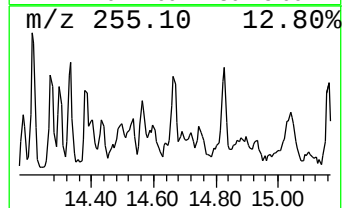
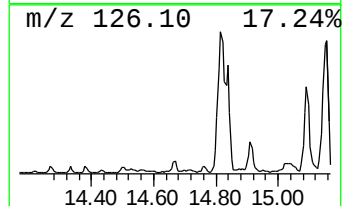
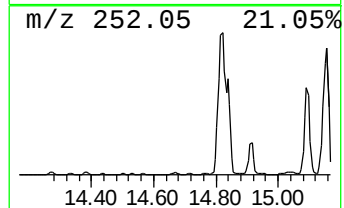
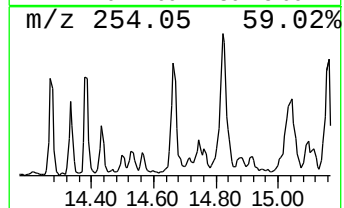
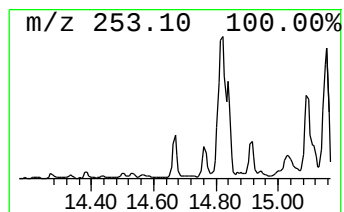
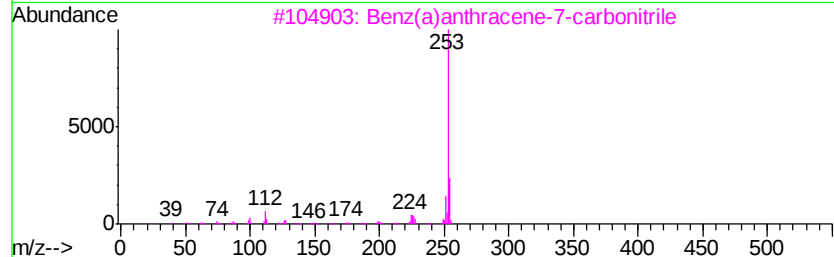
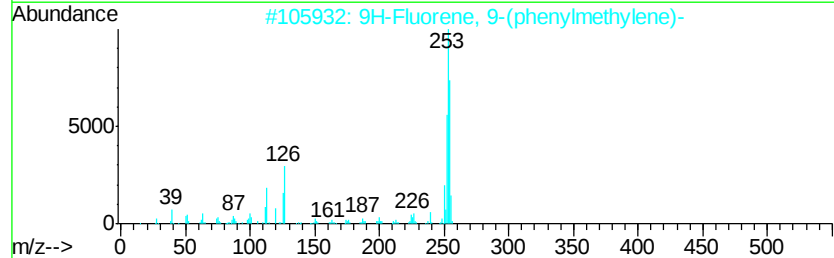
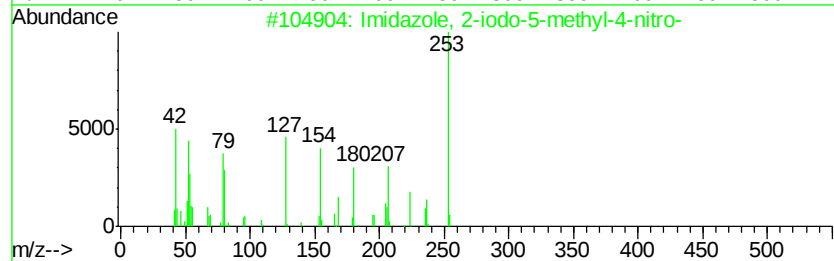
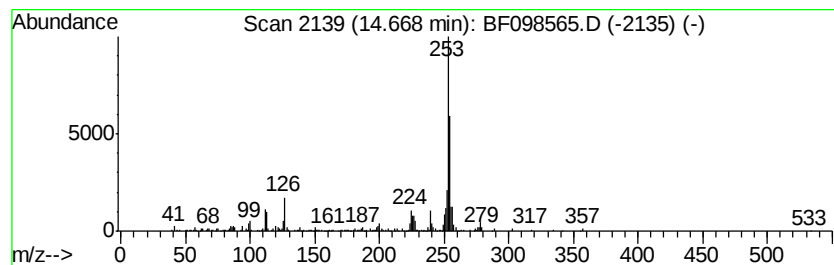
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Imidazole, 2-iodo-5-methyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.13 ng	216974	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	80
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
3		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
4		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	59
5		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

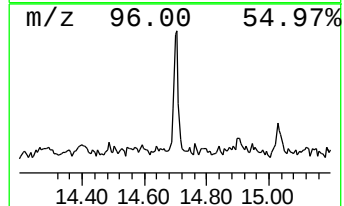
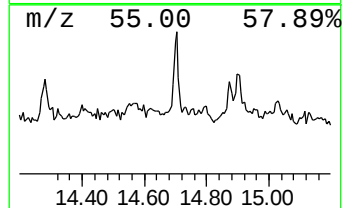
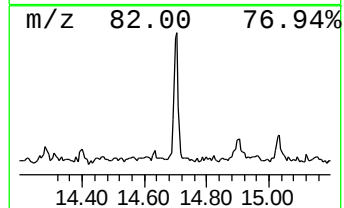
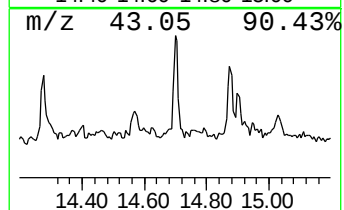
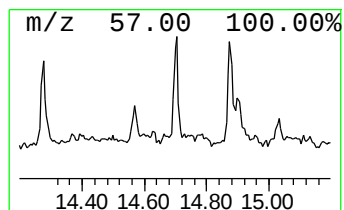
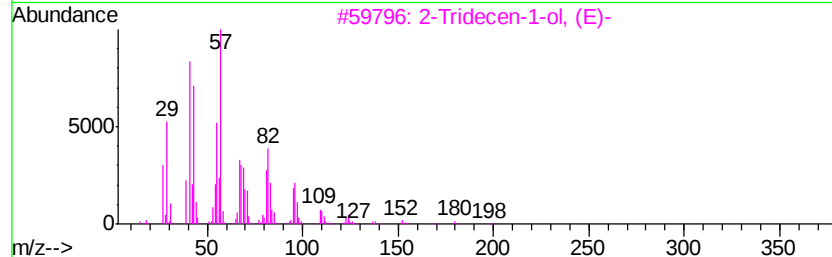
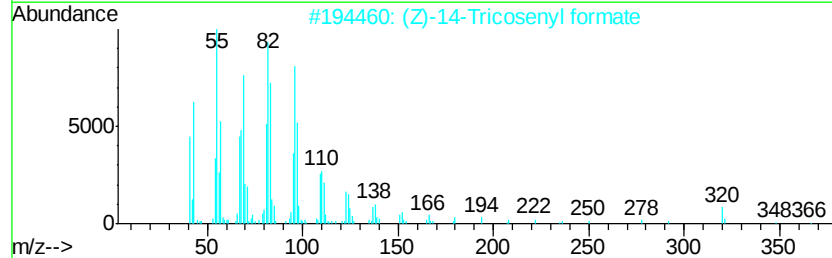
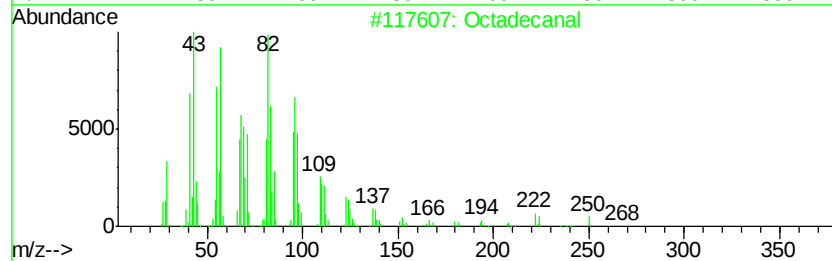
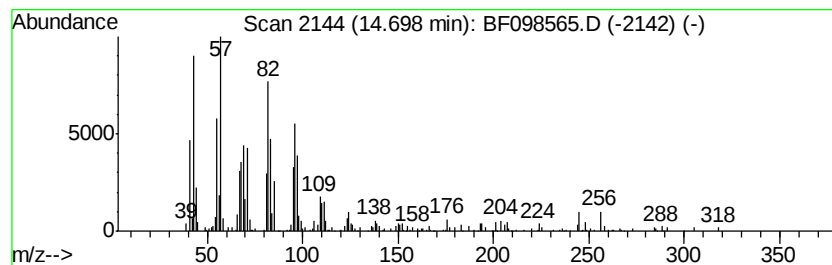
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.90 ng	249644	Perylene-d12	15.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	90
2	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	89
3	2-Tridecen-1-ol, (E)-	198 C13H26O	074962-98-4	83
4	1,19-Eicosadiene	278 C20H38	014811-95-1	81
5	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RL-2-0-17.25

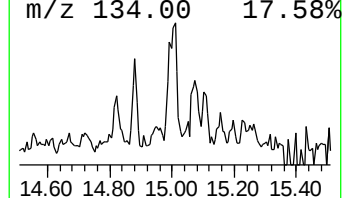
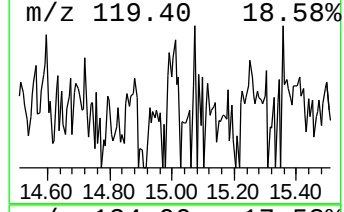
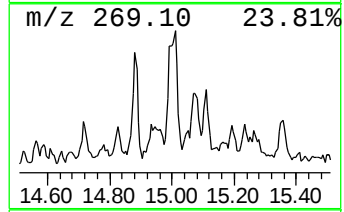
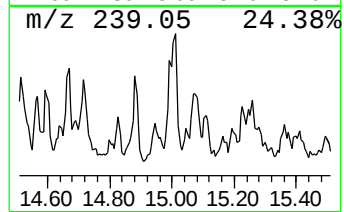
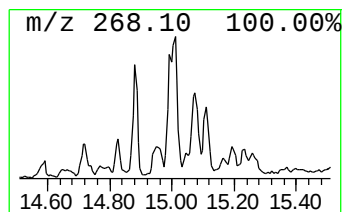
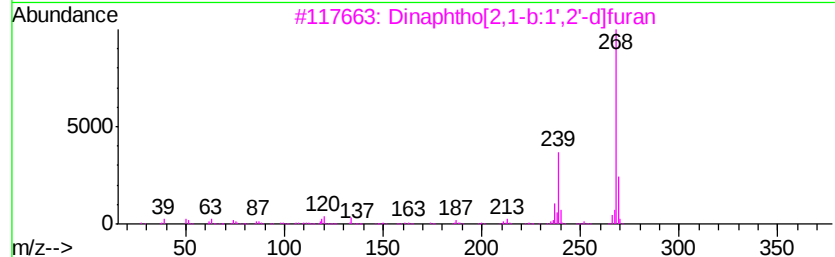
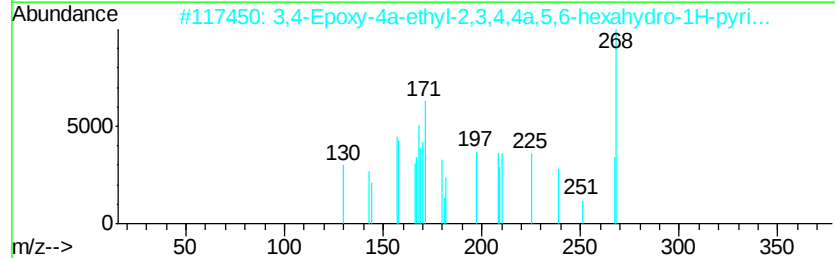
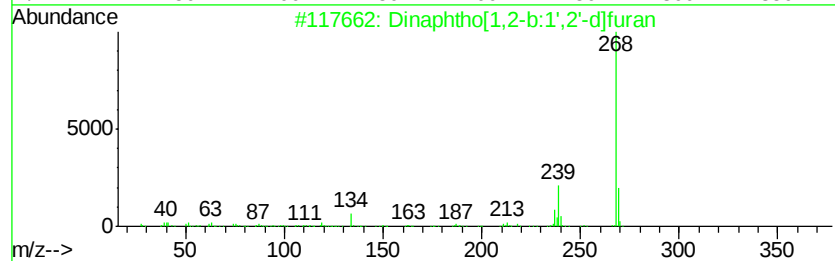
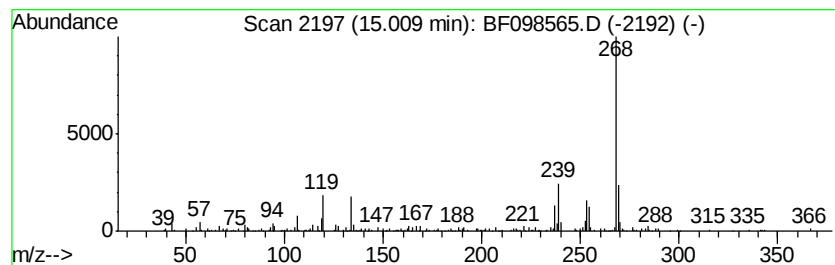
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	4.73 ng	200377	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	60
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
4		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	59
5		1-{4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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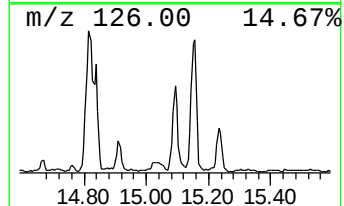
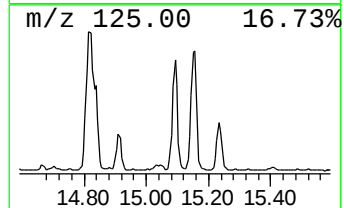
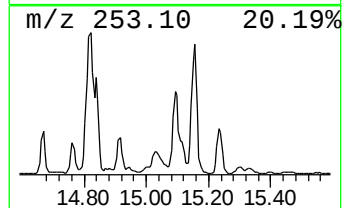
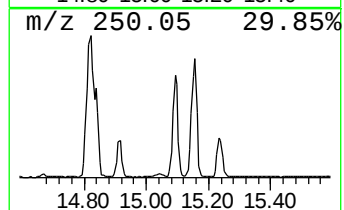
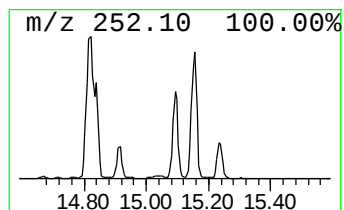
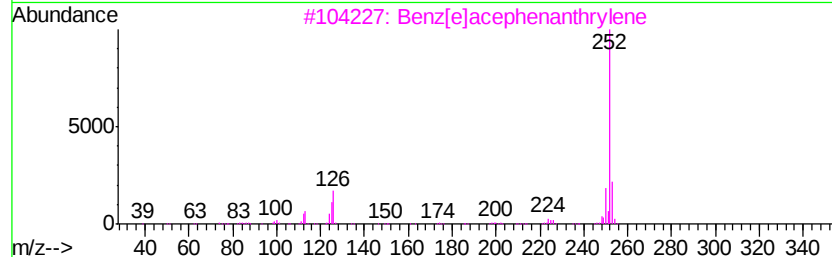
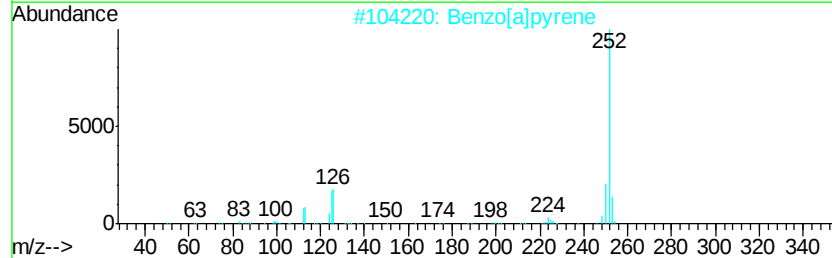
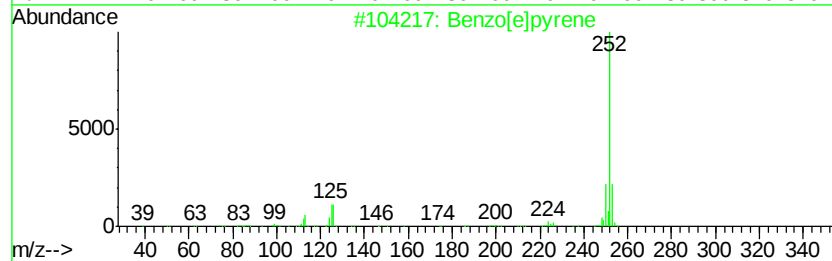
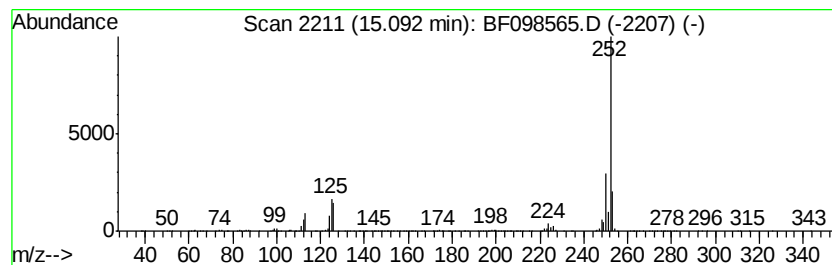
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	31.82 ng	1347090	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

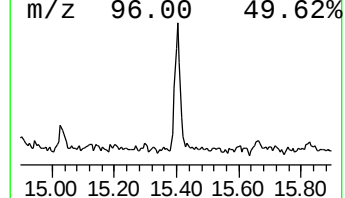
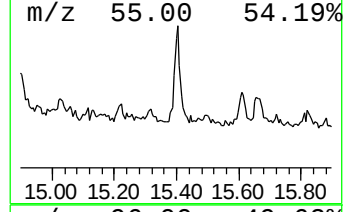
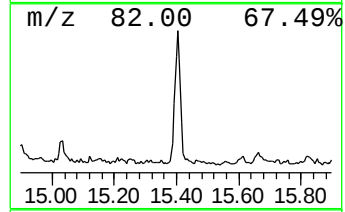
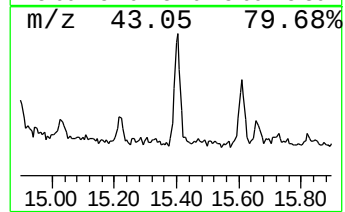
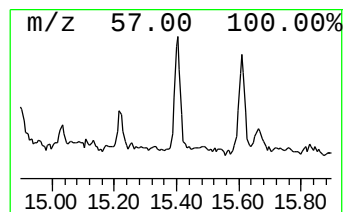
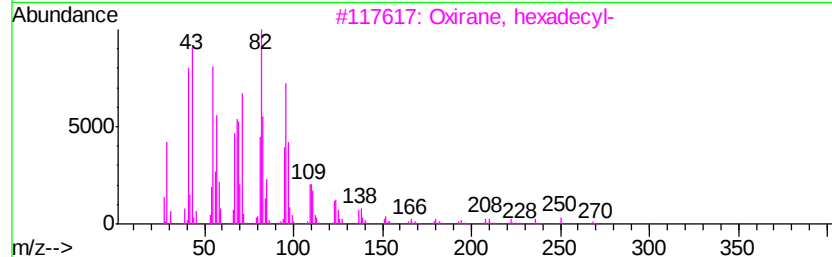
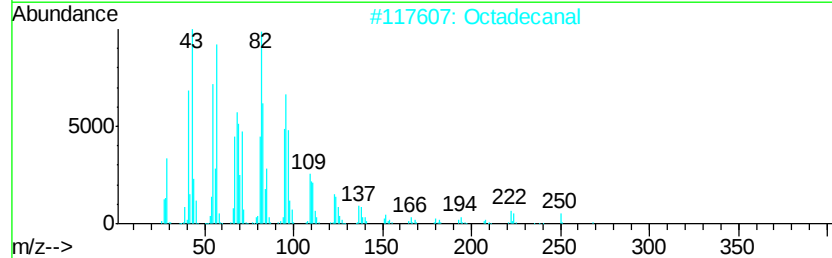
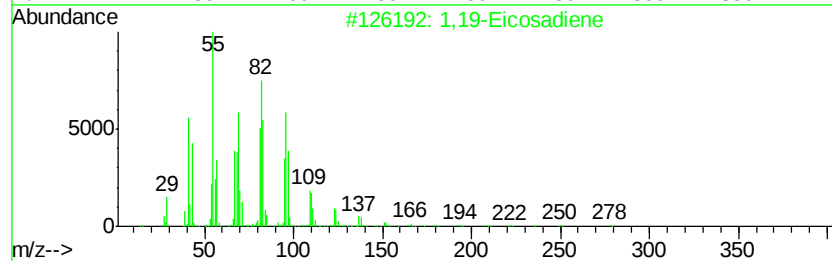
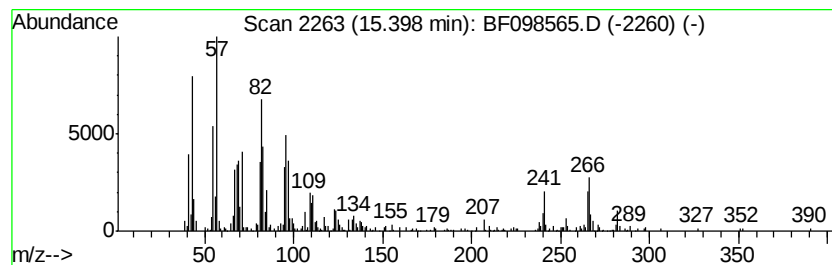
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.40	13.92 ng	589260	Perylene-d12	15.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	83
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
5	17-Octadecenal	266	C18H34O	056554-86-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098565.D
Acq On : 15 Sep 2017 13:15
Operator : SJ/JU
Sample : I5188-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RL-2-0-17.25

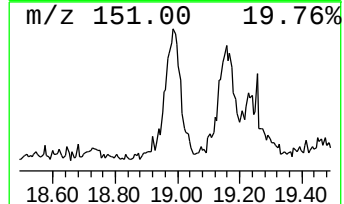
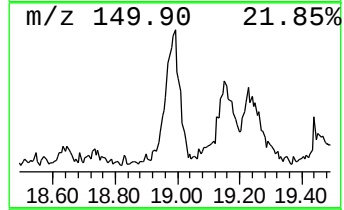
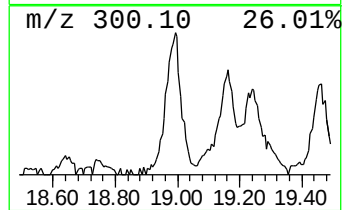
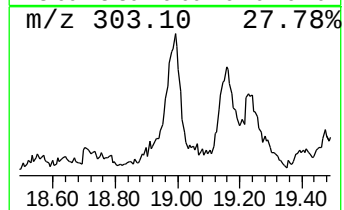
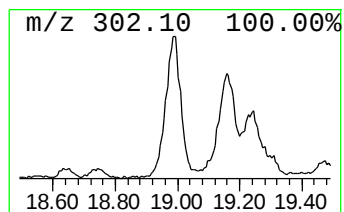
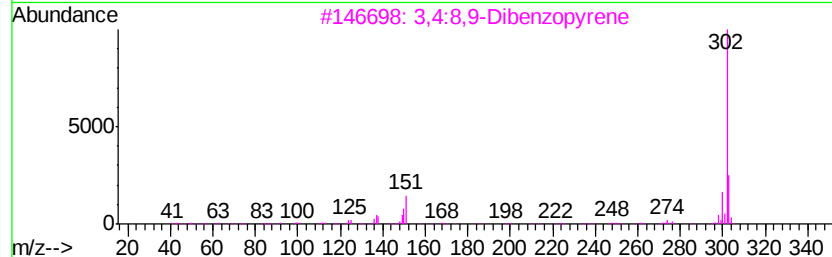
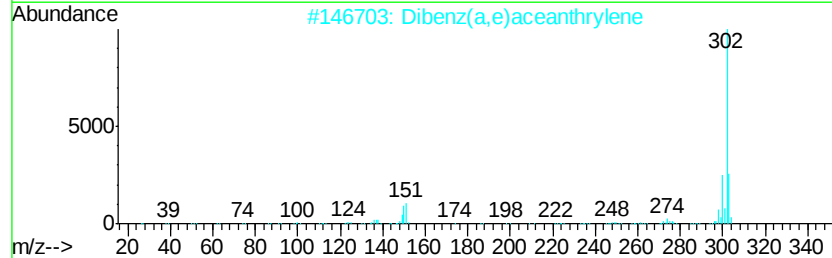
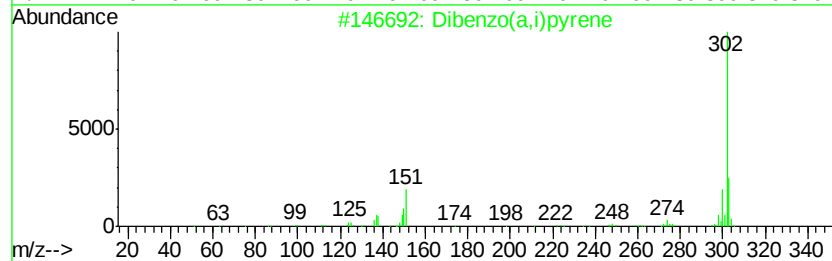
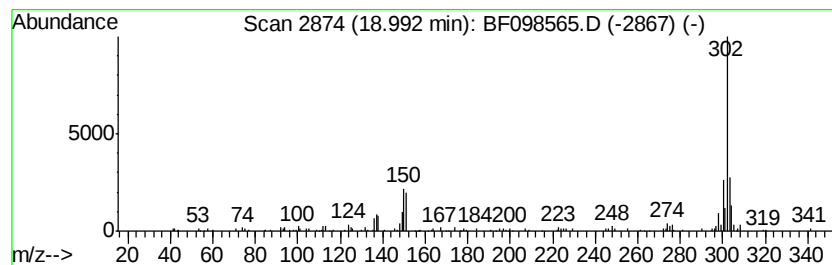
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	8.46 ng	358304	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	97
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098565.D
 Acq On : 15 Sep 2017 13:15
 Operator : SJ/JU
 Sample : I5188-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-2-0-17.25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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unknown6.42	6.42	69.5	ng	2986320	1	6.65	859888	20.0
Phenanthrene, 2-m...	11.66	8.8	ng	497509	4	11.16	1130200	20.0
4H-Cyclopenta[def...	11.77	18.8	ng	1063290	4	11.16	1130200	20.0
Naphthalene, 2-ph...	11.96	5.3	ng	297214	4	11.16	1130200	20.0
Phenanthrene, 2,3...	12.22	4.8	ng	269151	4	11.16	1130200	20.0
unknown12.25	12.25	5.3	ng	299170	4	11.16	1130200	20.0
Cyclopenta(def)ph...	12.30	5.0	ng	284533	4	11.16	1130200	20.0
Benz[a]anthracene...	14.57	5.1	ng	216157	6	15.21	846612	20.0
Imidazole, 2-iodo...	14.67	5.1	ng	216974	6	15.21	846612	20.0
Octadecanal	14.70	5.9	ng	249644	6	15.21	846612	20.0
Dinaphtho[1,2-b:1...	15.01	4.7	ng	200377	6	15.21	846612	20.0
Benzo[e]pyrene	15.09	31.8	ng	1347090	6	15.21	846612	20.0
1,19-Eicosadiene	15.40	13.9	ng	589260	6	15.21	846612	20.0
Dibenzo(a,i)pyrene	18.99	8.5	ng	358304	6	15.21	846612	20.0