

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106829.D
 Acq On : 26 Jun 2018 18:07
 Operator : JU/SJ
 Sample : J3684-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.201	483	487	497	rBB	78730	94585	10.52%	0.698%
2	5.601	551	555	559	rBV	844522	814252	90.55%	6.009%
3	6.601	721	725	741	rBV	819865	831612	92.48%	6.137%
4	6.737	744	748	751	rBV	950931	835776	92.94%	6.168%
5	6.960	783	786	789	rBV	309471	236463	26.30%	1.745%
6	7.119	808	813	816	rBV	730857	647629	72.02%	4.779%
7	7.525	877	882	885	rBV	573741	502462	55.88%	3.708%
8	8.242	1000	1004	1007	rBV	331302	272856	30.34%	2.014%
9	9.313	1182	1186	1195	rBV	879928	796020	88.52%	5.874%
10	9.707	1250	1253	1260	rVB	155370	124312	13.82%	0.917%
11	9.866	1277	1280	1284	rBB	19129	17483	1.94%	0.129%
12	9.907	1284	1287	1292	rBV2	17642	16750	1.86%	0.124%
13	10.001	1300	1303	1306	rBV	319475	269096	29.92%	1.986%
14	10.030	1306	1308	1313	rVB	37124	33434	3.72%	0.247%
15	10.207	1334	1338	1340	rBV2	20616	21093	2.35%	0.156%
16	10.407	1370	1372	1376	rVB	29366	23790	2.65%	0.176%
17	10.548	1393	1396	1400	rBV	44101	41478	4.61%	0.306%
18	10.630	1405	1410	1413	rVB3	10111	14988	1.67%	0.111%
19	10.707	1421	1423	1426	rVB2	15335	12744	1.42%	0.094%
20	10.795	1434	1438	1442	rBV	588021	521179	57.96%	3.846%
21	10.883	1450	1453	1464	rVB	27123	33744	3.75%	0.249%
22	11.101	1482	1490	1493	rBV4	16006	25393	2.82%	0.187%
23	11.183	1500	1504	1506	rVB4	7738	9262	1.03%	0.068%
24	11.225	1506	1511	1513	rBV4	12777	15182	1.69%	0.112%
25	11.248	1513	1515	1519	rVV3	13010	14016	1.56%	0.103%
26	11.301	1521	1524	1527	rVV	10899	10965	1.22%	0.081%
27	11.336	1527	1530	1537	rVV5	23733	33949	3.78%	0.251%
28	11.389	1537	1539	1543	rVB	22915	19439	2.16%	0.143%
29	11.495	1553	1557	1559	rBV	327844	283304	31.50%	2.091%
30	11.519	1559	1561	1565	rVV	429928	328148	36.49%	2.422%
31	11.572	1565	1570	1573	rVV	115185	101715	11.31%	0.751%
32	11.607	1574	1576	1580	rVB	12044	10605	1.18%	0.078%
33	11.730	1592	1597	1600	rBV3	22042	28752	3.20%	0.212%
34	11.783	1604	1606	1611	rBV2	10433	10166	1.13%	0.075%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.995	1637	1642	1645	rBV	65744	60048	6.68%	0.443%
36	12.024	1645	1647	1651	rVB	95085	71652	7.97%	0.529%
37	12.072	1651	1655	1658	rBV	46450	38453	4.28%	0.284%
38	12.113	1658	1662	1664	rBV2	117861	119104	13.24%	0.879%
39	12.289	1689	1692	1695	rVB	51017	39574	4.40%	0.292%
40	12.324	1695	1698	1700	rBV	15630	14859	1.65%	0.110%
41	12.442	1712	1718	1721	rBV3	15232	17207	1.91%	0.127%
42	12.472	1721	1723	1725	rVV	15575	10414	1.16%	0.077%
43	12.495	1725	1727	1729	rVB2	14322	10078	1.12%	0.074%
44	12.548	1732	1736	1739	rBV	37779	46220	5.14%	0.341%
45	12.589	1739	1743	1744	rVV	26354	29068	3.23%	0.215%
46	12.601	1744	1745	1748	rVB	14715	10006	1.11%	0.074%
47	12.636	1748	1751	1756	rVB3	31888	40748	4.53%	0.301%
48	12.713	1760	1764	1768	rBV	632272	604970	67.28%	4.465%
49	12.777	1772	1775	1778	rVB	19746	17164	1.91%	0.127%
50	12.807	1778	1780	1783	rBV	22630	19174	2.13%	0.141%
51	12.866	1787	1790	1792	rBV2	24095	20602	2.29%	0.152%
52	12.924	1797	1800	1801	rBV	133925	118599	13.19%	0.875%
53	12.948	1801	1804	1809	rVV	611819	551536	61.33%	4.070%
54	12.989	1809	1811	1816	rVB2	41788	41649	4.63%	0.307%
55	13.077	1816	1826	1829	rBV	935837	899240	100.00%	6.636%
56	13.101	1829	1830	1833	rVB	37577	29263	3.25%	0.216%
57	13.166	1833	1841	1845	rBV2	46759	88840	9.88%	0.656%
58	13.248	1851	1855	1856	rBV2	38872	45008	5.01%	0.332%
59	13.271	1856	1859	1862	rVB	121870	114684	12.75%	0.846%
60	13.336	1867	1870	1873	rVV	96322	81764	9.09%	0.603%
61	13.377	1873	1877	1880	rVV2	73790	91162	10.14%	0.673%
62	13.401	1880	1881	1884	rVB2	16208	12146	1.35%	0.090%
63	13.430	1884	1886	1890	rBV4	16555	19580	2.18%	0.144%
64	13.471	1890	1893	1895	rBV	38643	30396	3.38%	0.224%
65	13.501	1895	1898	1901	rBV2	42527	39792	4.43%	0.294%
66	13.583	1910	1912	1915	rVB	15292	13663	1.52%	0.101%
67	13.648	1920	1923	1925	rBV3	12911	16272	1.81%	0.120%
68	13.671	1925	1927	1929	rVV3	18175	20201	2.25%	0.149%
69	13.695	1929	1931	1934	rVV	22599	24454	2.72%	0.180%
70	13.754	1938	1941	1944	rBV2	23124	31949	3.55%	0.236%
71	13.783	1944	1946	1950	rVB2	40779	42706	4.75%	0.315%

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Integration Parameters: rteint.p
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	13.895	1960	1965	1967	rBV2	53541	64906	7.22%	0.479%
73	13.924	1967	1970	1972	rVV	64461	61457	6.83%	0.454%
74	13.960	1972	1976	1980	rVV4	82537	119608	13.30%	0.883%
75	13.995	1980	1982	1985	rVB	36269	31694	3.52%	0.234%
76	14.071	1989	1995	1999	rBV	20305	46134	5.13%	0.340%
77	14.148	2001	2008	2011	rBV2	488277	734839	81.72%	5.423%
78	14.177	2011	2013	2020	rVB	326745	299701	33.33%	2.212%
79	14.236	2020	2023	2024	rBV	11925	9339	1.04%	0.069%
80	14.260	2024	2027	2029	rBV	58987	48727	5.42%	0.360%
81	14.301	2032	2034	2036	rBV3	15804	15333	1.71%	0.113%
82	14.389	2044	2049	2052	rBV2	36081	47115	5.24%	0.348%
83	14.507	2067	2069	2071	rBV2	17050	13579	1.51%	0.100%
84	14.548	2071	2076	2078	rBV	70167	73950	8.22%	0.546%
85	14.583	2079	2082	2084	rBV2	35528	31847	3.54%	0.235%
86	14.648	2091	2093	2096	rVB	21342	17702	1.97%	0.131%
87	14.677	2096	2098	2100	rVV2	32544	30531	3.40%	0.225%
88	14.701	2100	2102	2106	rVB2	41864	37094	4.13%	0.274%
89	14.871	2129	2131	2134	rBV4	13618	16386	1.82%	0.121%
90	15.071	2163	2165	2172	rVB4	23365	29130	3.24%	0.215%
91	15.242	2189	2194	2197	rBV	184825	289126	32.15%	2.134%
92	15.354	2209	2213	2217	rBV	44598	53712	5.97%	0.396%
93	15.448	2226	2229	2234	rBV4	16350	29722	3.31%	0.219%
94	15.565	2245	2249	2255	rVB	100066	134935	15.01%	0.996%
95	15.630	2256	2260	2265	rBV	169343	226944	25.24%	1.675%
96	15.701	2267	2272	2275	rVV	174445	244288	27.17%	1.803%
97	15.730	2275	2277	2285	rVB2	48897	74526	8.29%	0.550%
98	17.277	2534	2540	2549	rVB2	54678	112523	12.51%	0.830%
99	17.753	2616	2621	2632	rVB	41125	97828	10.88%	0.722%
100	18.018	2661	2666	2673	rVB2	11257	23102	2.57%	0.170%

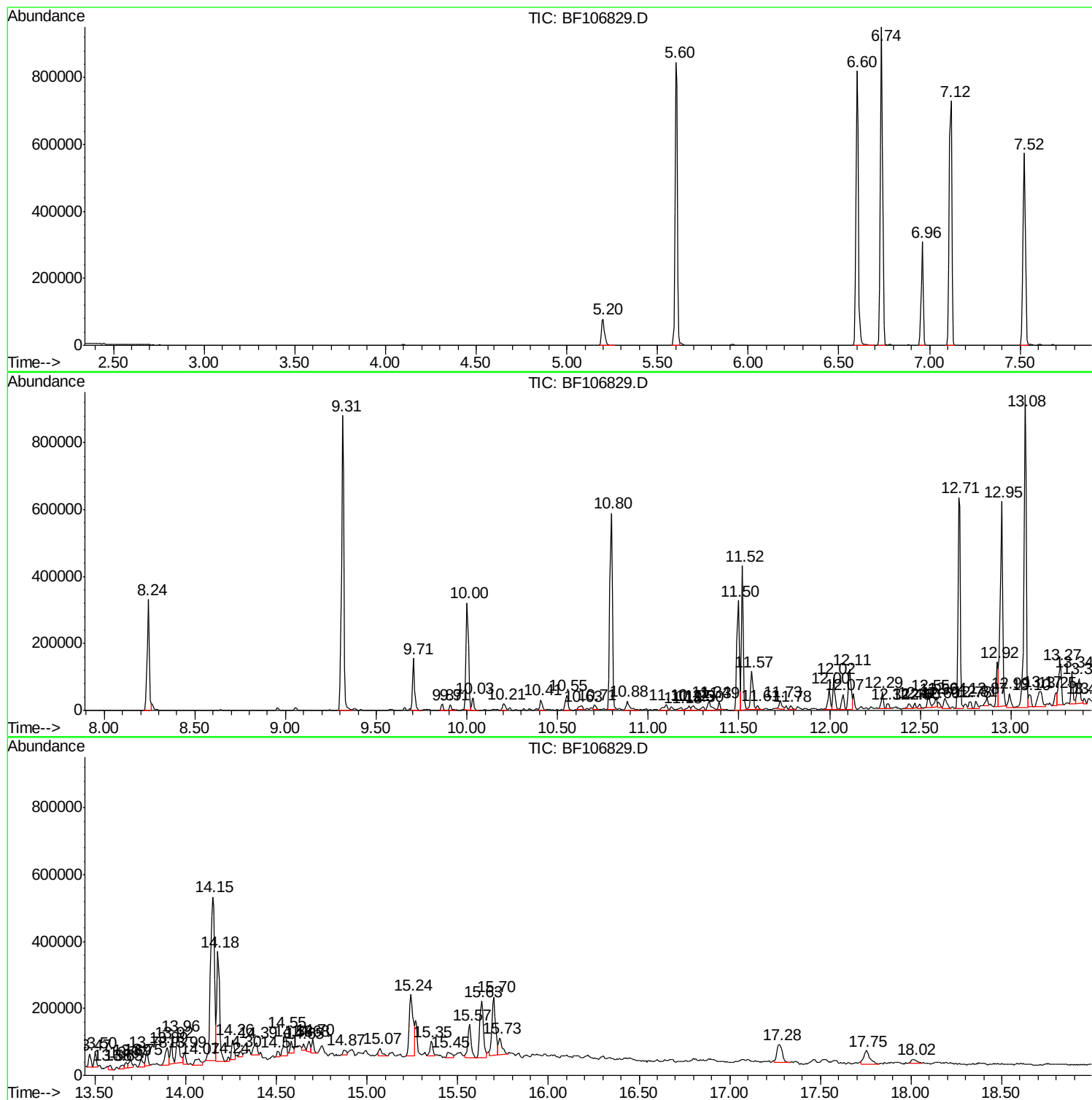
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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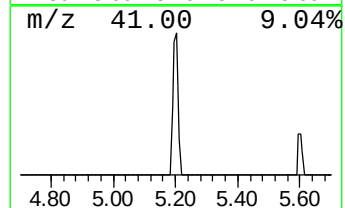
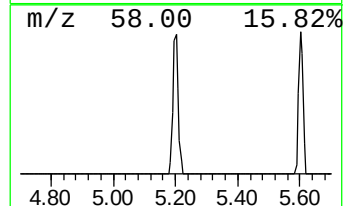
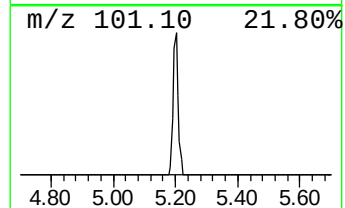
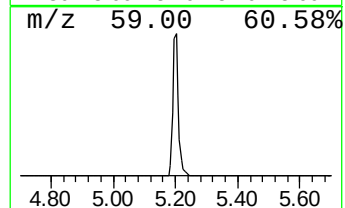
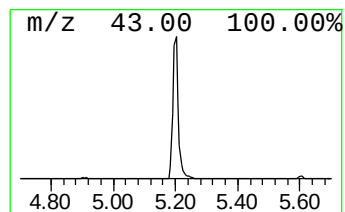
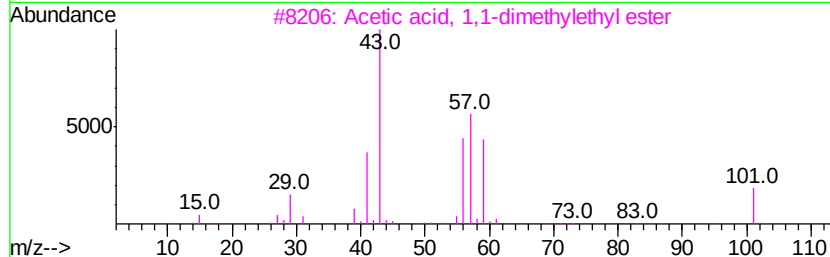
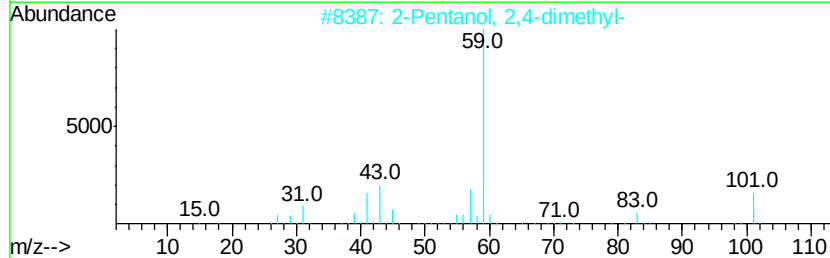
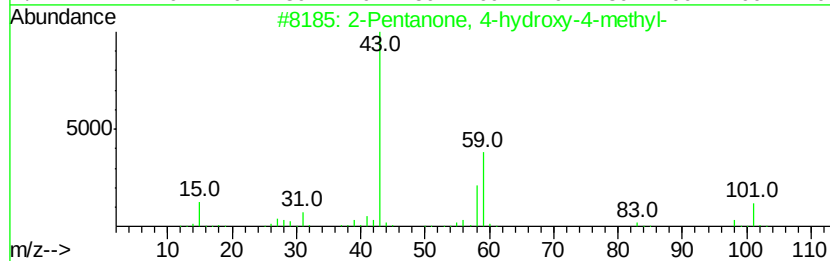
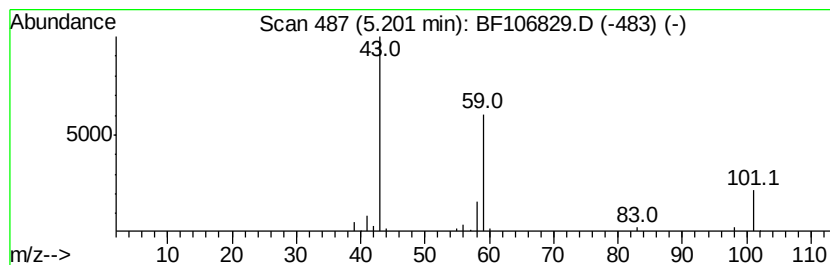
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.00 ng	94585	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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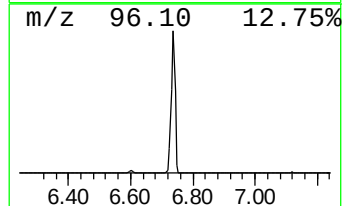
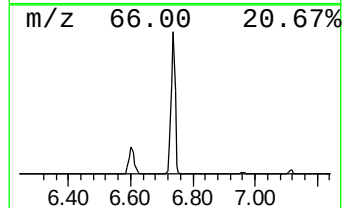
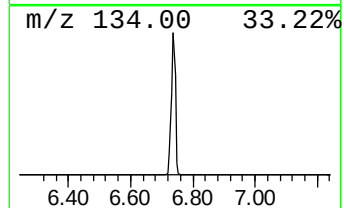
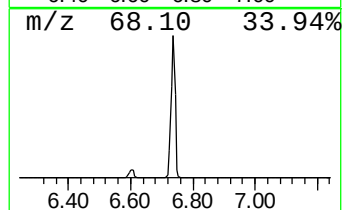
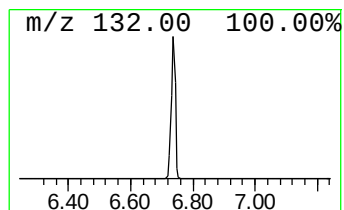
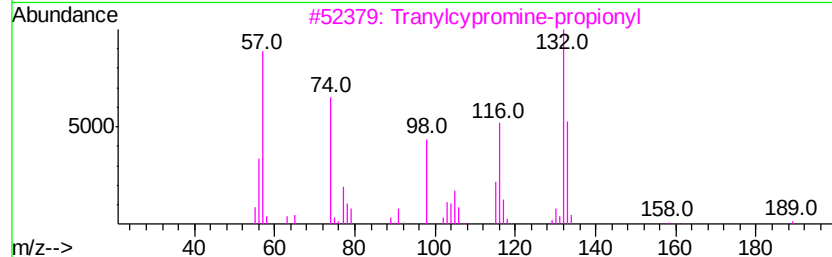
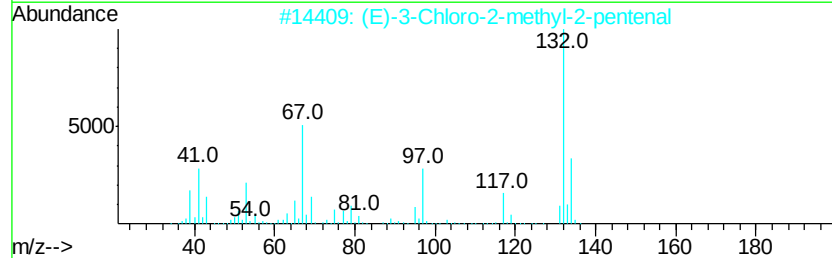
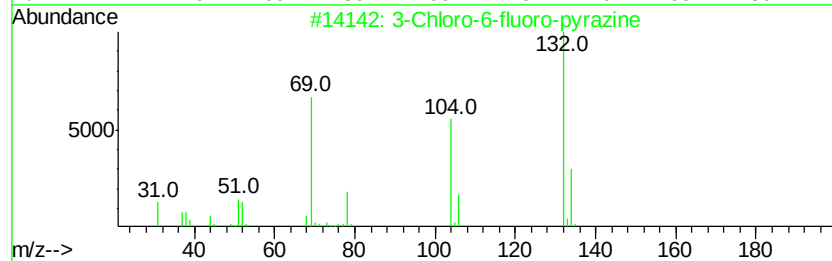
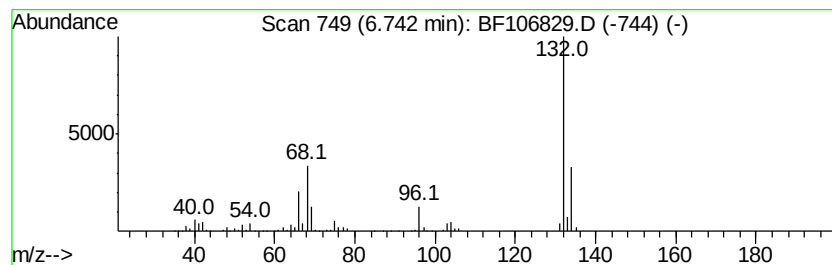
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.69 ng	835776	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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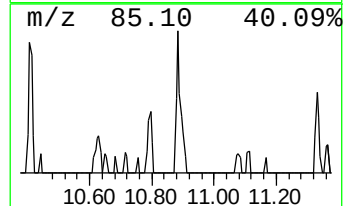
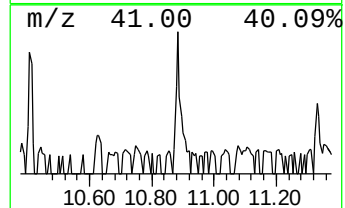
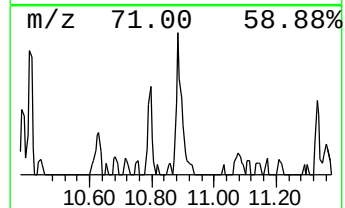
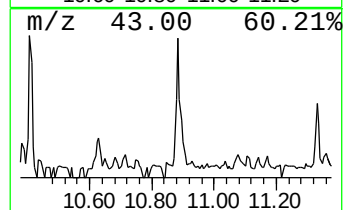
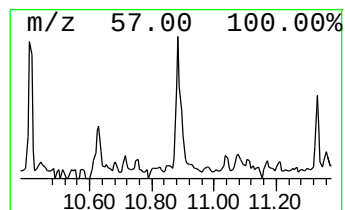
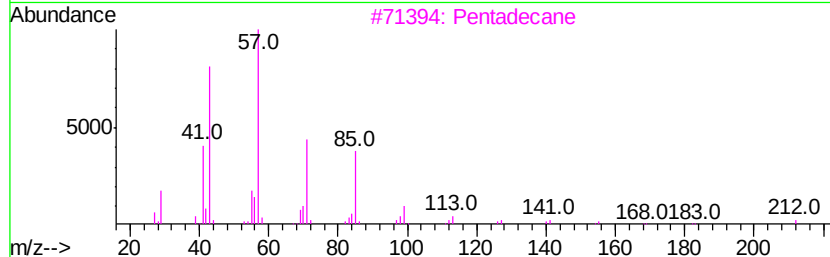
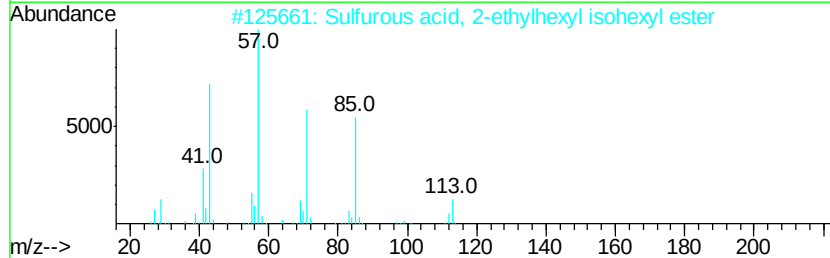
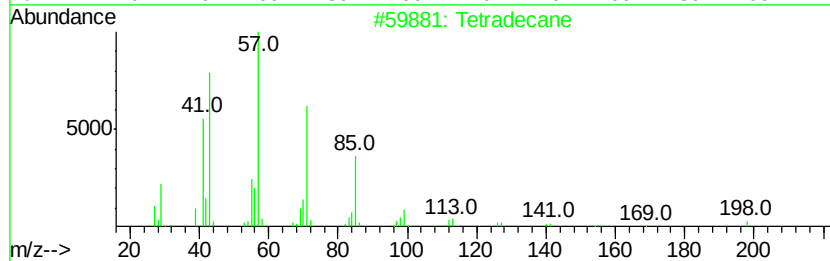
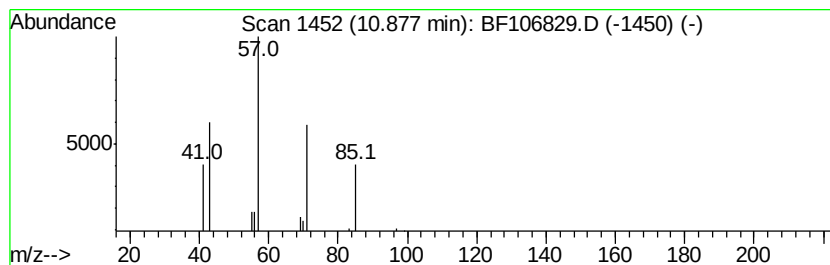
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.38 ng	33744	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	78
2		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
3		Pentadecane	212	C15H32	000629-62-9	64
4		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
Operator : JU/SJ
Sample : J3684-10
Misc :
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ClientSampleId :
TP-1-D

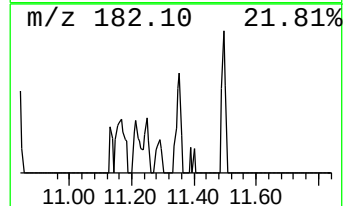
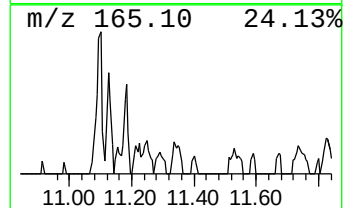
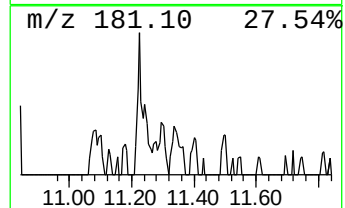
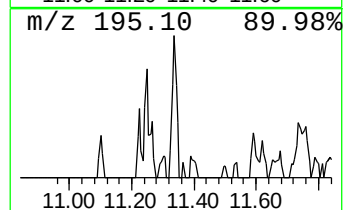
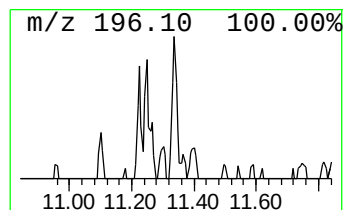
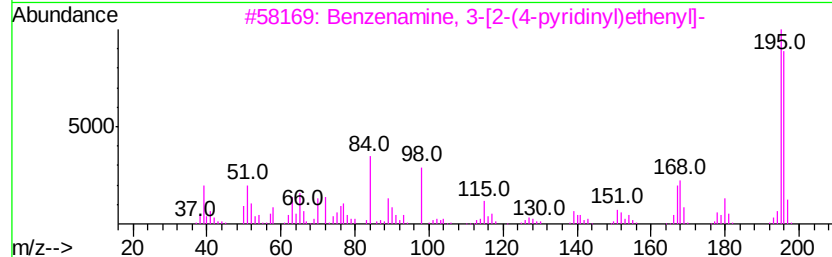
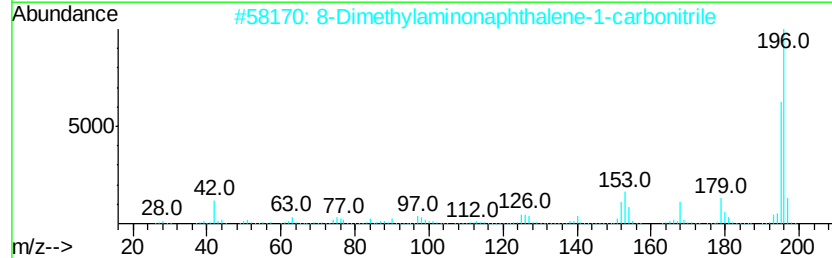
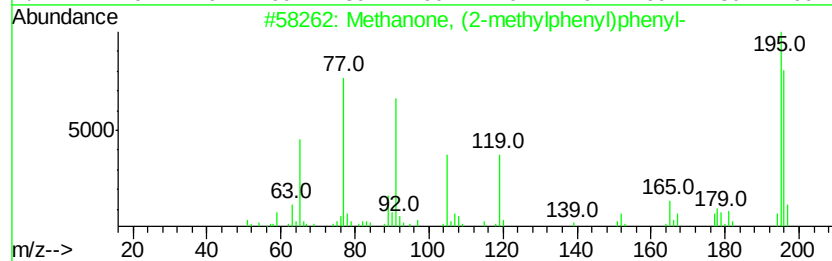
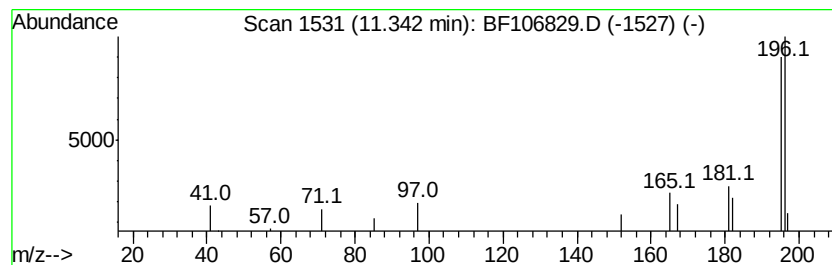
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Methanone, (2-methylphenyl)... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.40 ng	33949	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	58
2		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	47
3		Benzenamine, 3-[2-(4-pyridinyl)ethenyl]-	196	C13H12N2	1000337-31-3	47
4		Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	43
5		2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
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Sample : J3684-10
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ClientSampleId :
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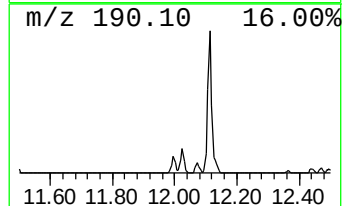
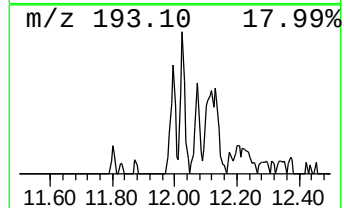
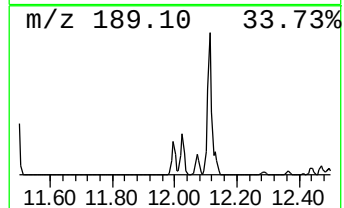
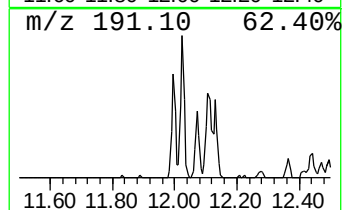
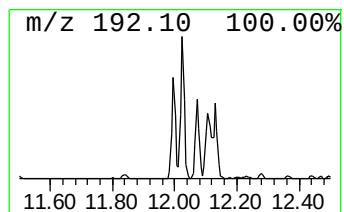
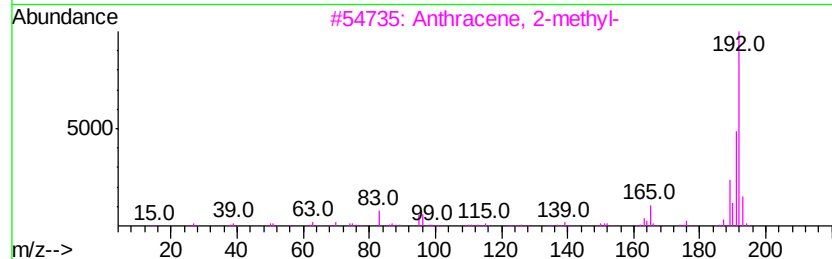
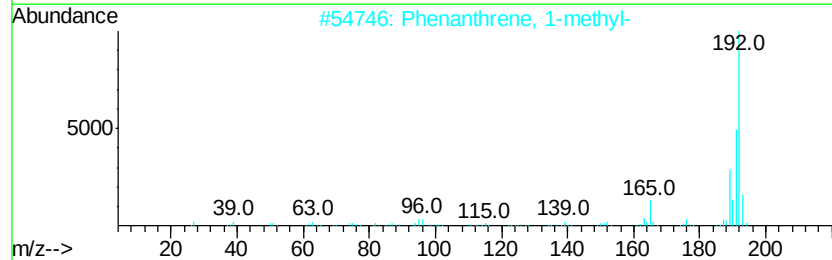
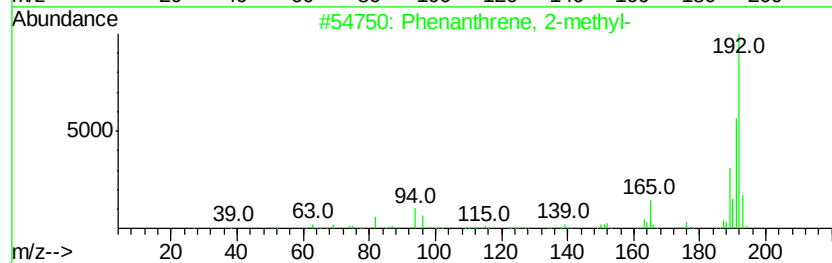
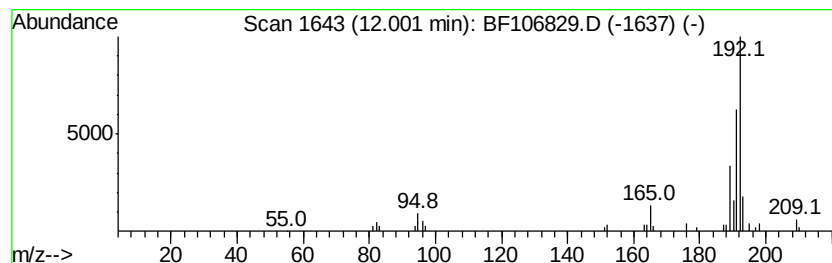
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.24 ng	60048	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
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Sample : J3684-10
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ClientSampleId :
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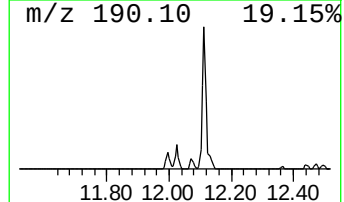
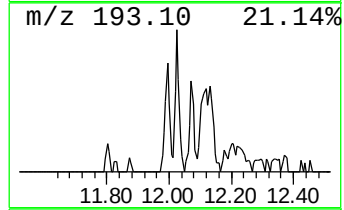
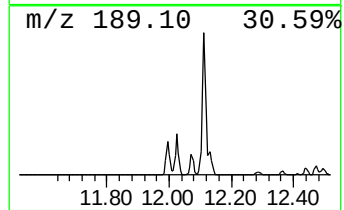
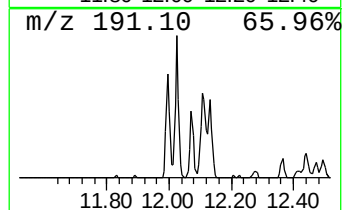
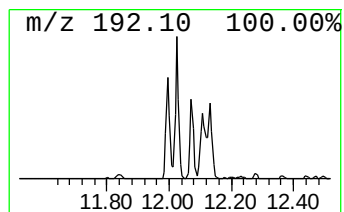
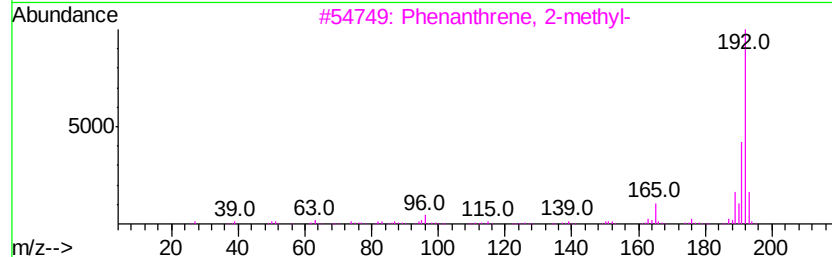
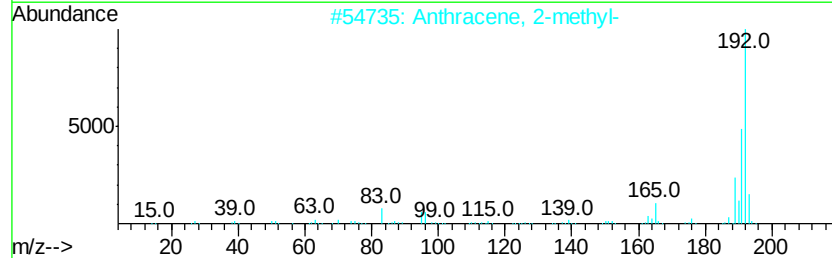
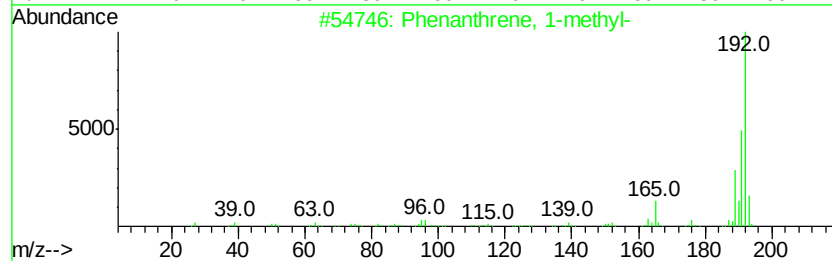
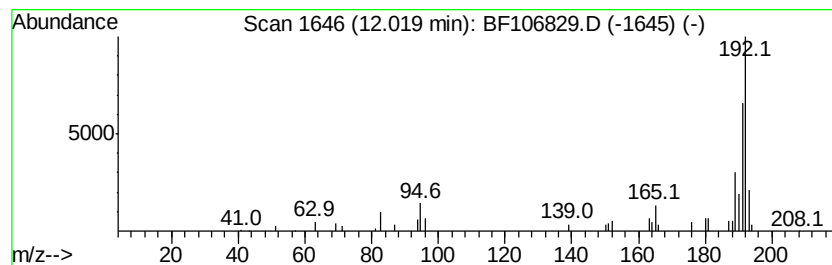
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.06 ng	71652	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
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ClientSampleId :
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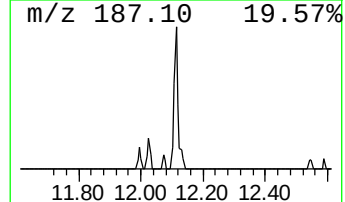
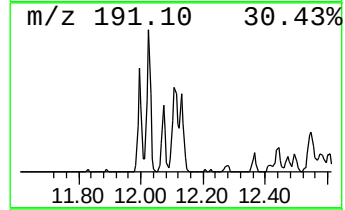
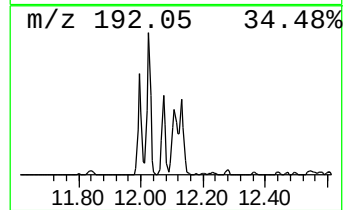
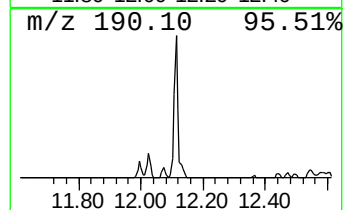
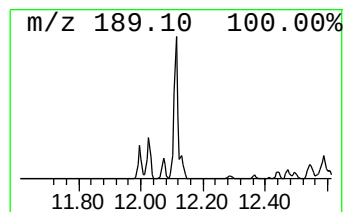
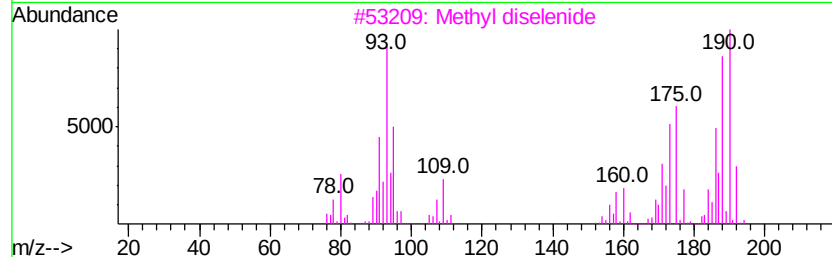
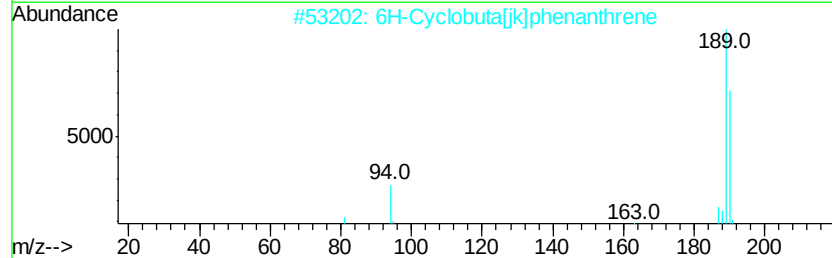
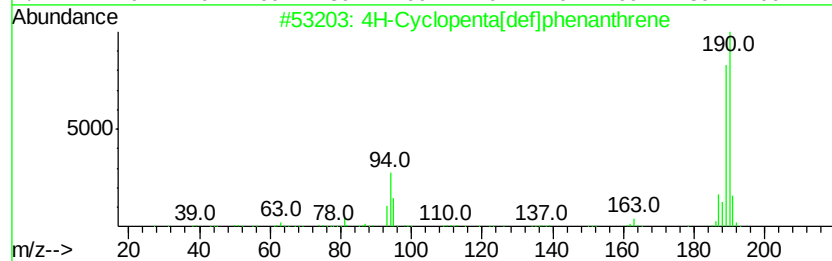
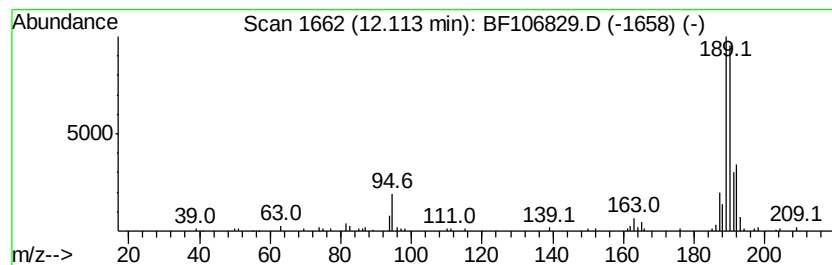
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	8.41 ng	119104	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Methyl diselenide	190	C2H6Se2	007101-31-7	53
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
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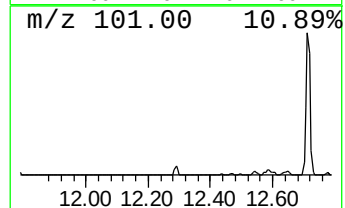
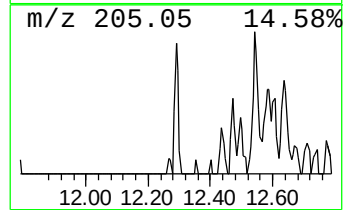
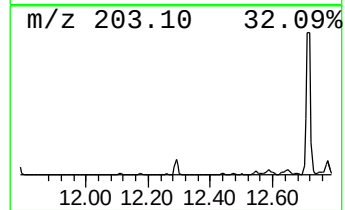
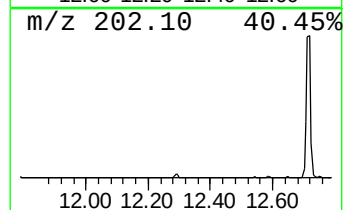
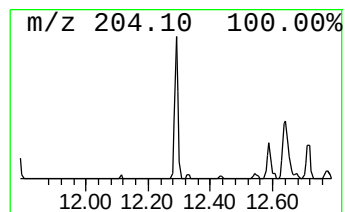
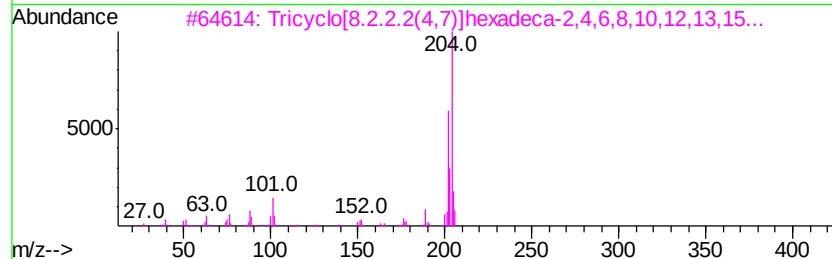
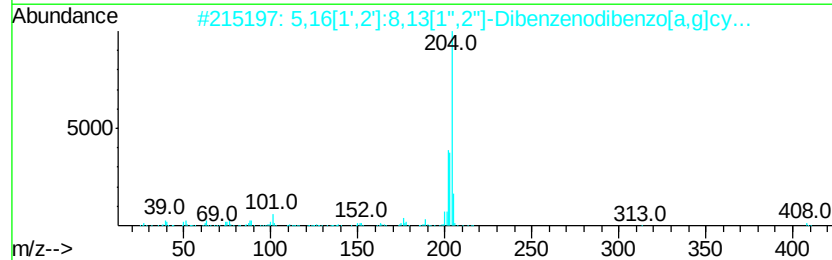
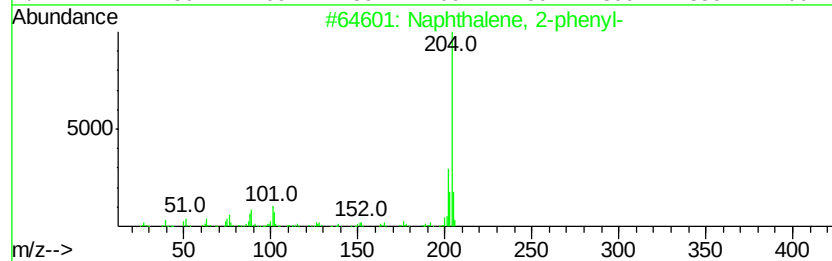
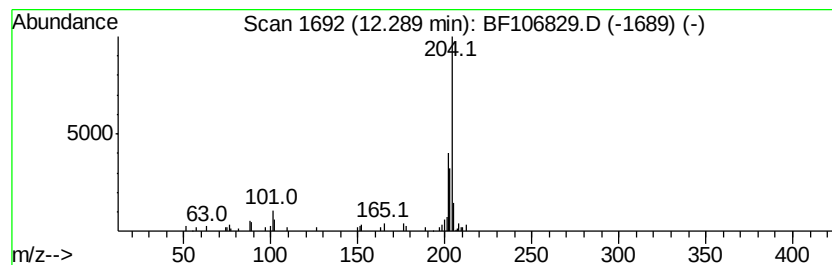
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.79 ng	39574	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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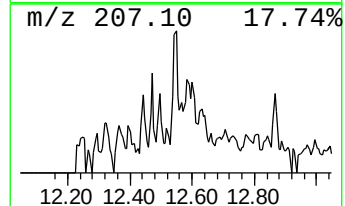
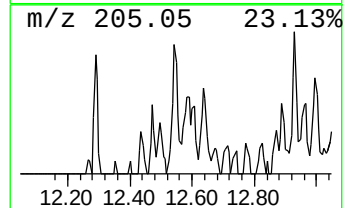
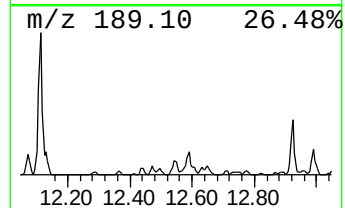
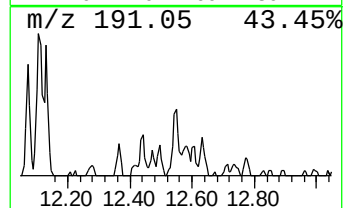
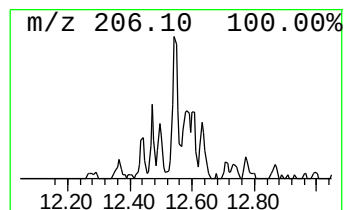
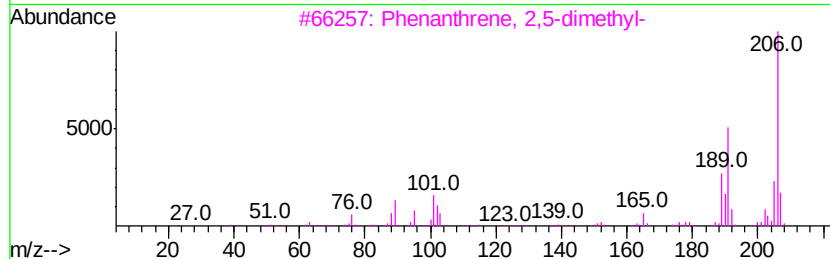
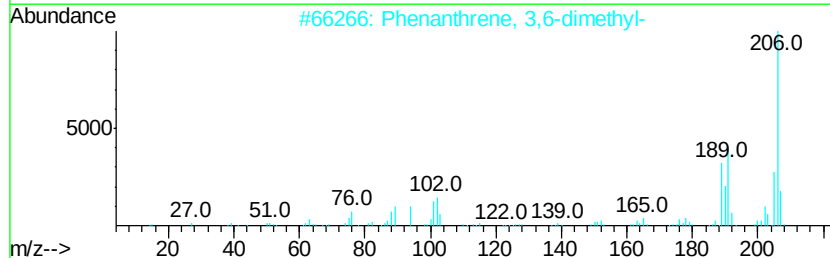
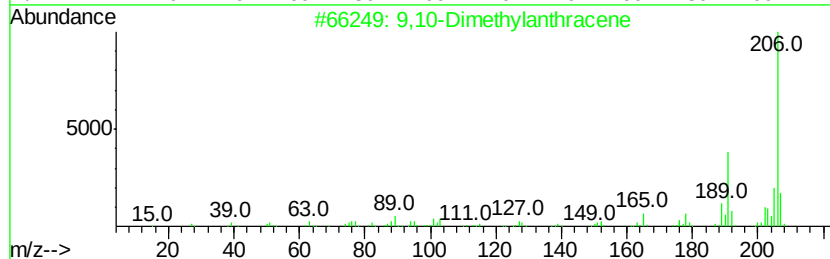
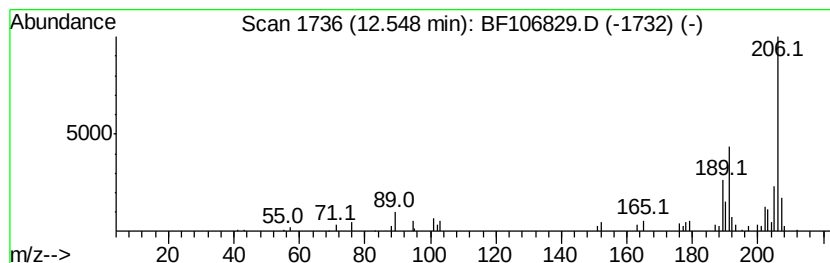
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.26 ng	46220	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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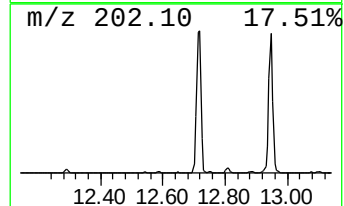
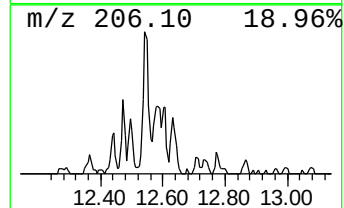
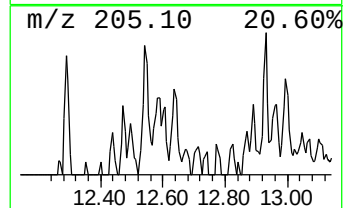
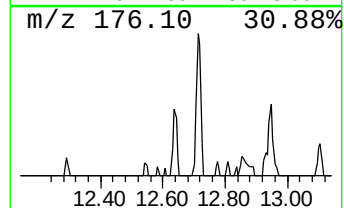
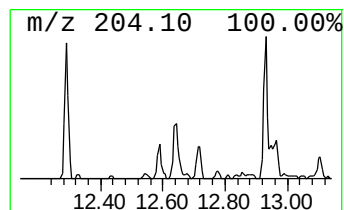
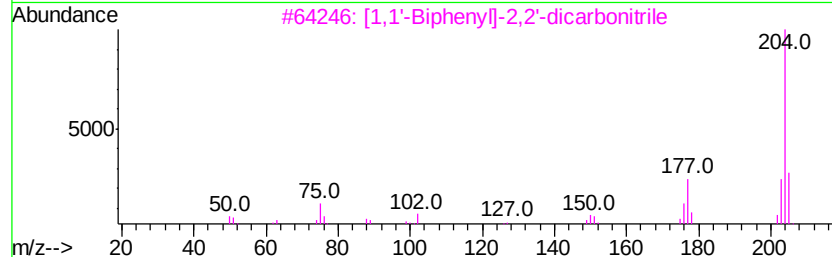
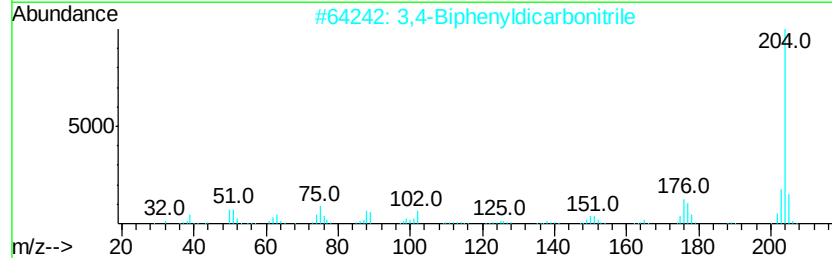
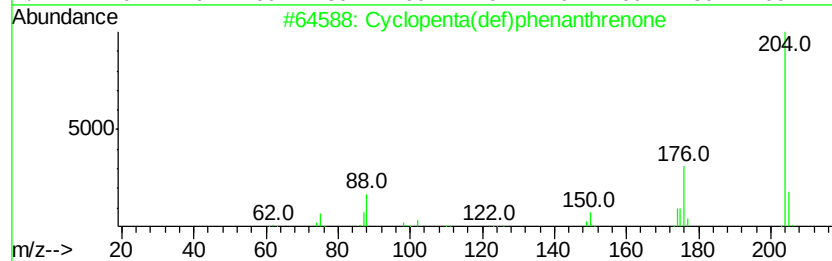
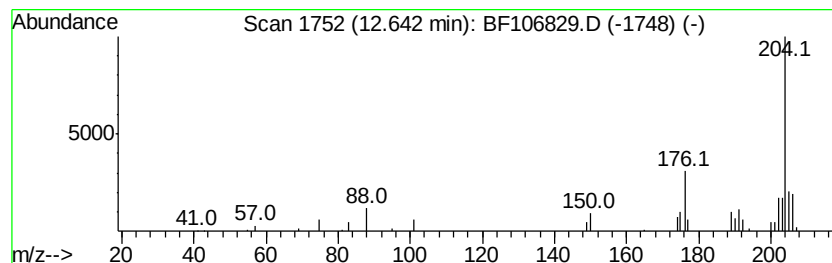
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.88 ng	40748	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42
5			4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
Operator : JU/SJ
Sample : J3684-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-D

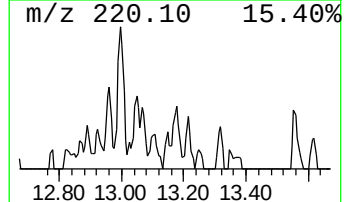
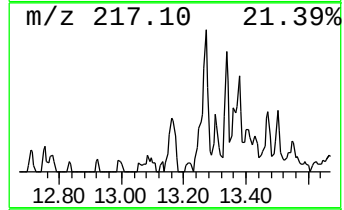
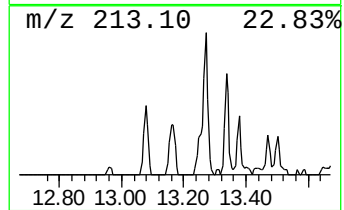
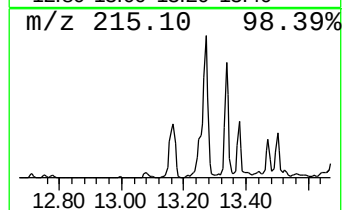
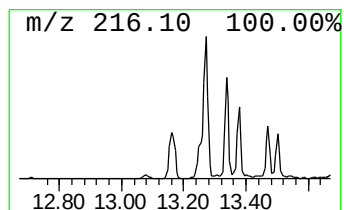
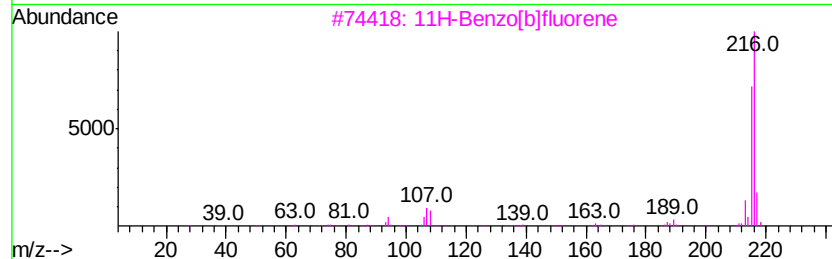
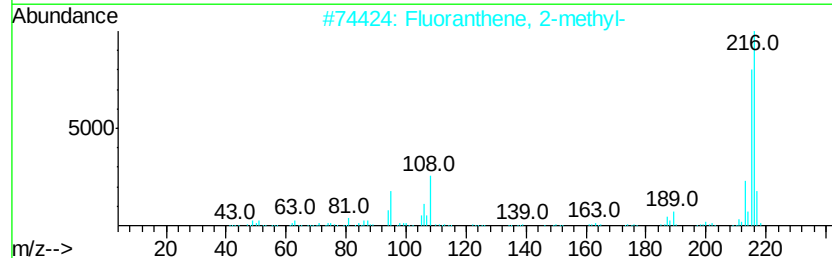
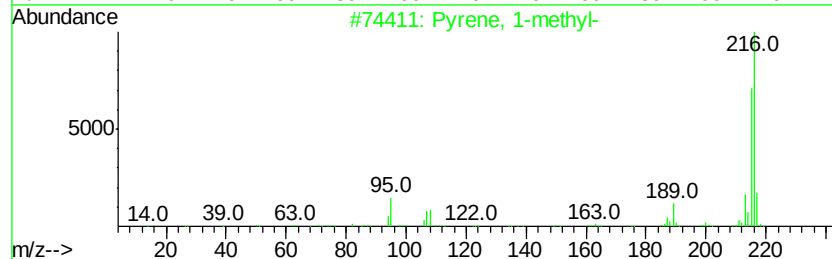
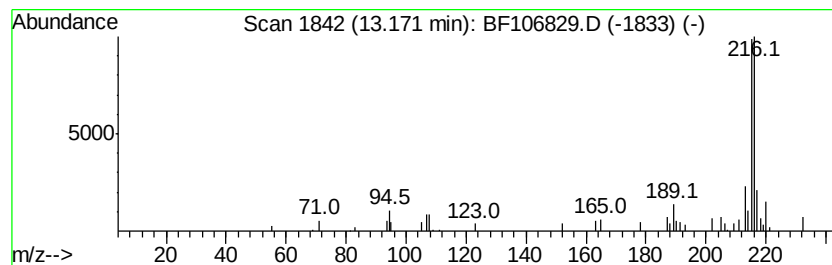
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.42 ng	88840	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
Operator : JU/SJ
Sample : J3684-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-D

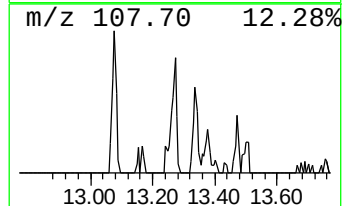
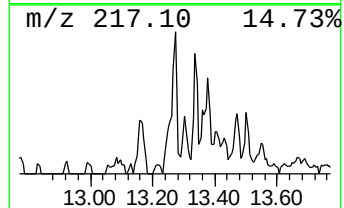
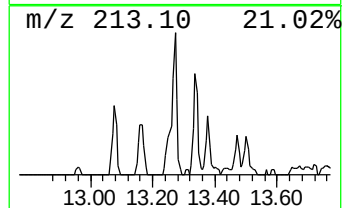
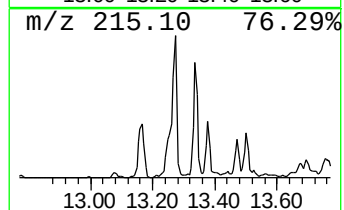
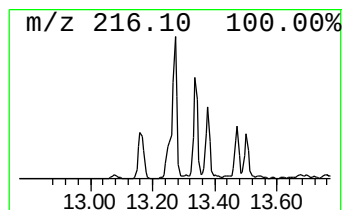
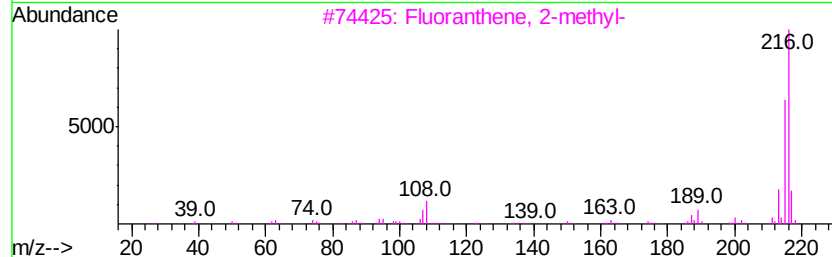
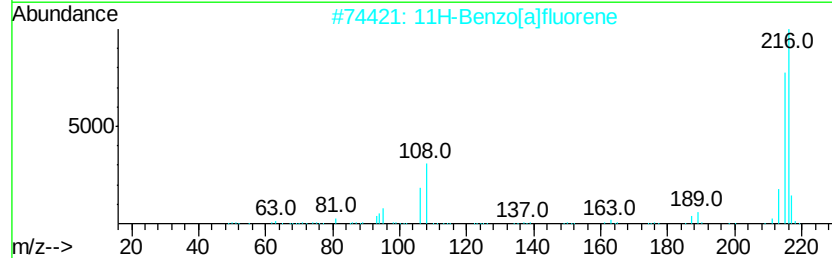
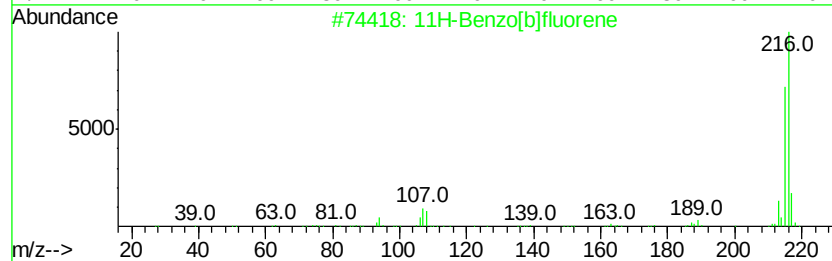
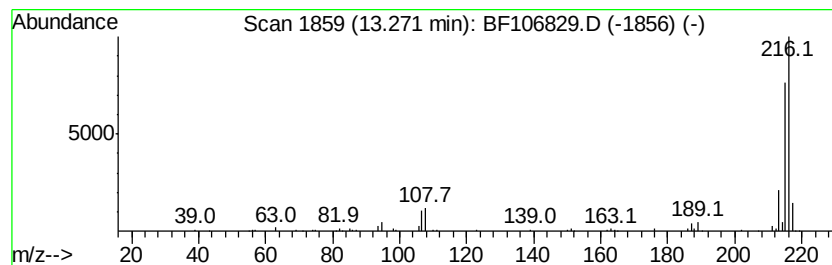
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.12 ng	114684	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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Acq On : 26 Jun 2018 18:07
Operator : JU/SJ
Sample : J3684-10
Misc :
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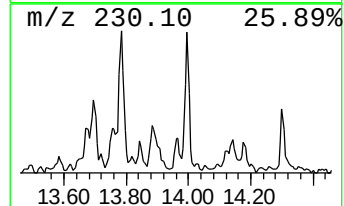
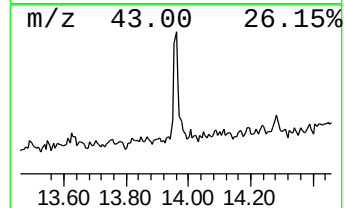
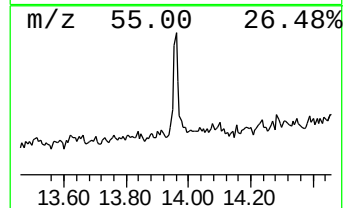
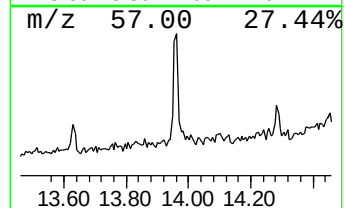
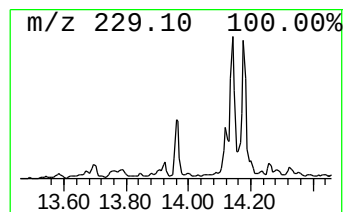
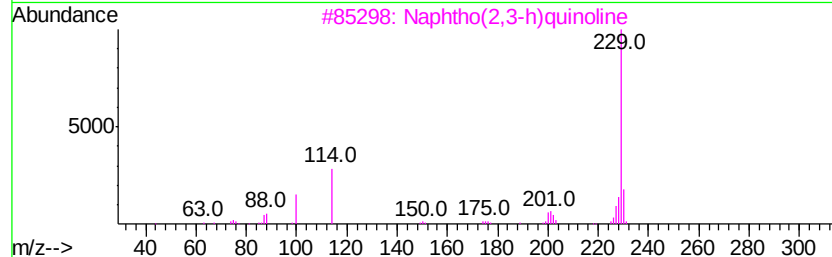
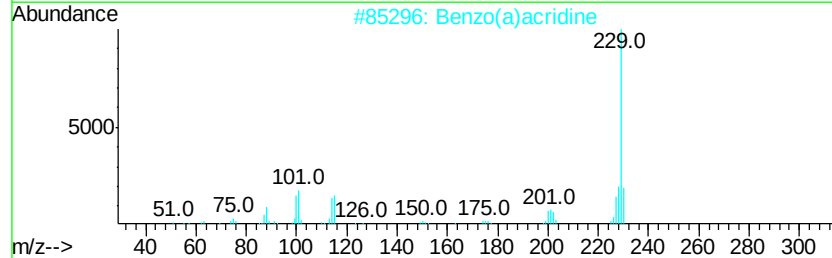
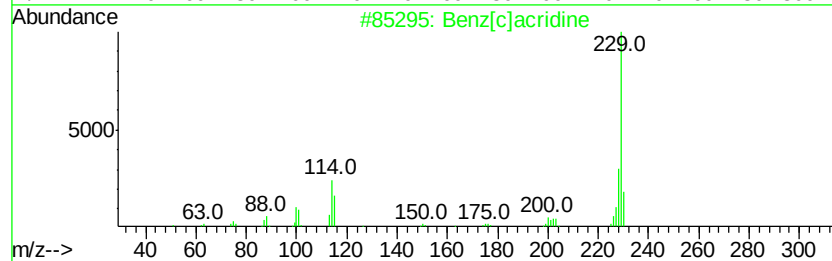
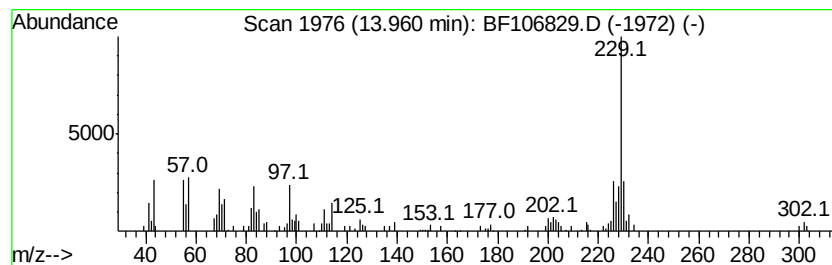
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz[c]acridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.96	3.26 ng	119608	Chrysene-d12		14.15		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[c]acridine	229	C17H11N	000225-51-4	83
2			Benzo(a)acridine	229	C17H11N	000225-11-6	70
3			Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	60
4			Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	58
5			Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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Sample : J3684-10
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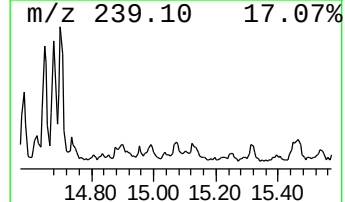
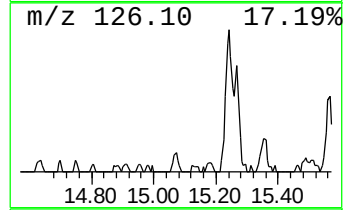
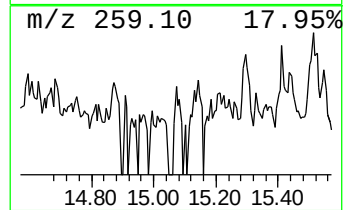
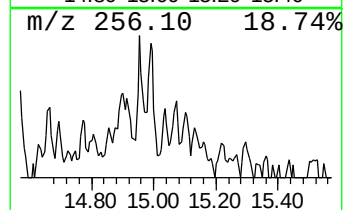
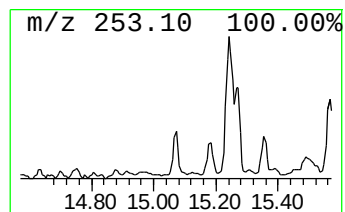
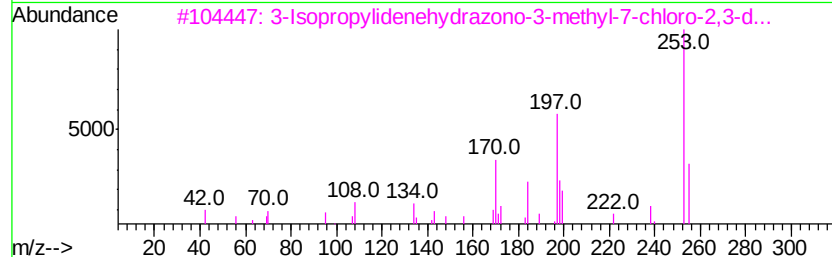
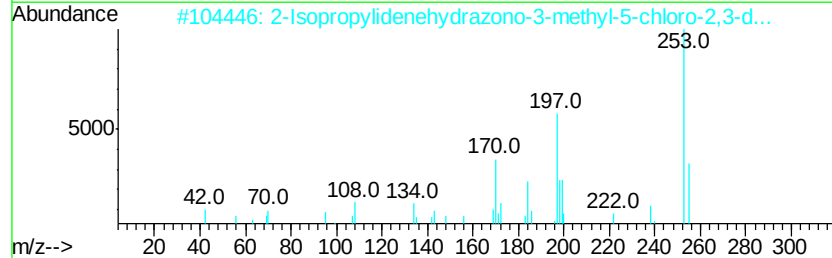
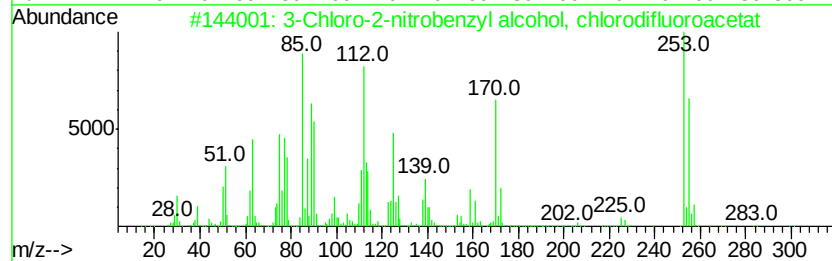
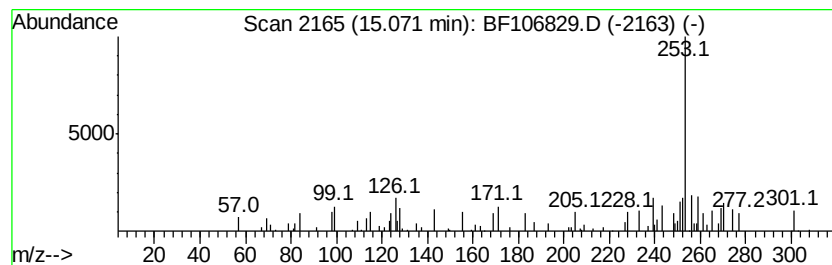
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.38 ng	29130	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2N04	1000376-11-2	35
2			2-Isopropylidenehydrazono-3-meth...	253	C11H12ClN3S	1000148-26-0	35
3			3-Isopropylidenehydrazono-3-meth...	253	C11H12ClN3S	1000148-26-2	35
4			3-Chloro-4-iodoaniline	253	C6H5ClIN	135050-44-1	25
5			Triamterene	253	C12H11N7	000396-01-0	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106829.D
Acq On : 26 Jun 2018 18:07
Operator : JU/SJ
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Misc :
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ClientSampleId :
TP-1-D

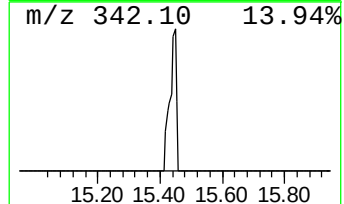
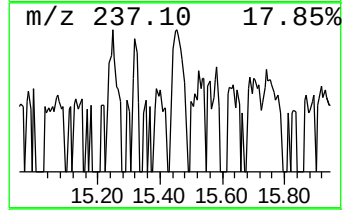
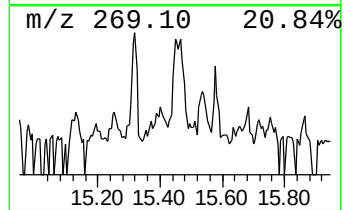
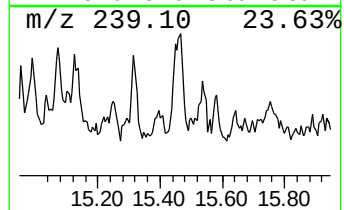
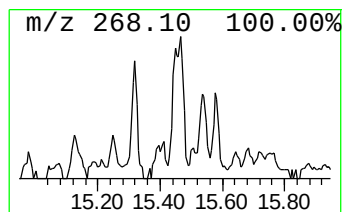
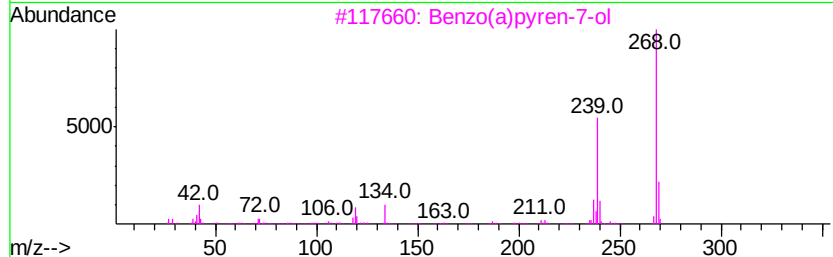
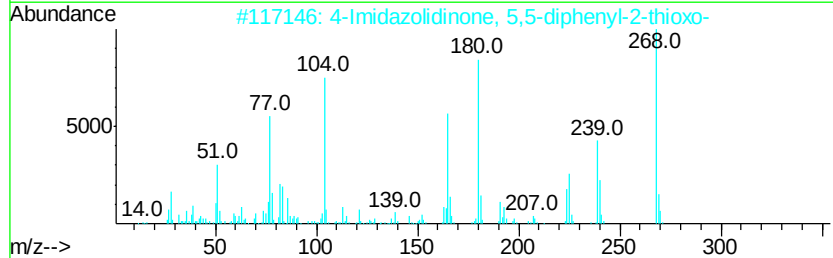
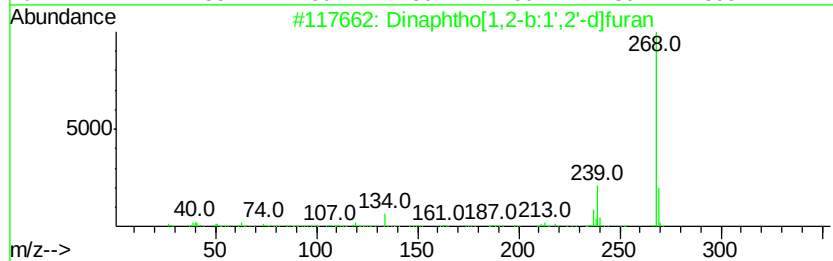
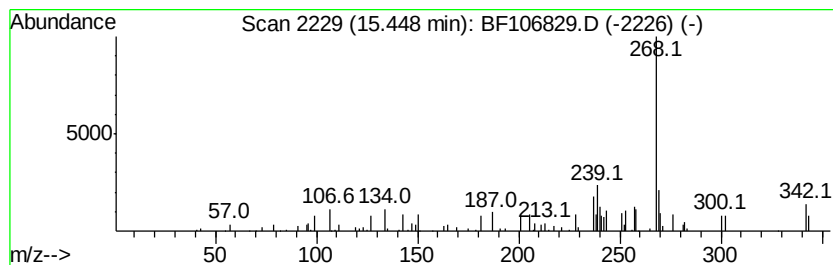
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.43 ng	29722	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2		4-Imidazolidinone, 5,5-diphenyl-...	268	C15H12N2OS	021083-47-6	58
3		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	58
4		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
5		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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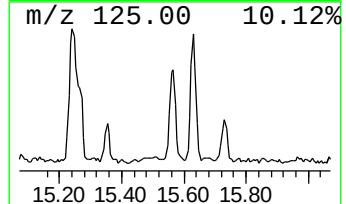
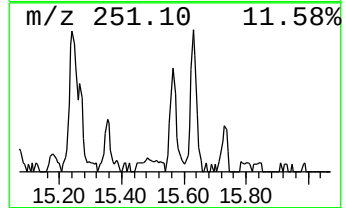
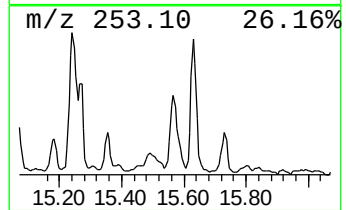
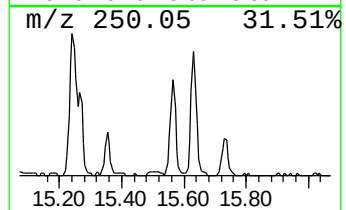
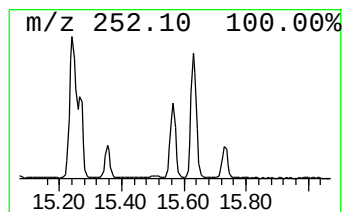
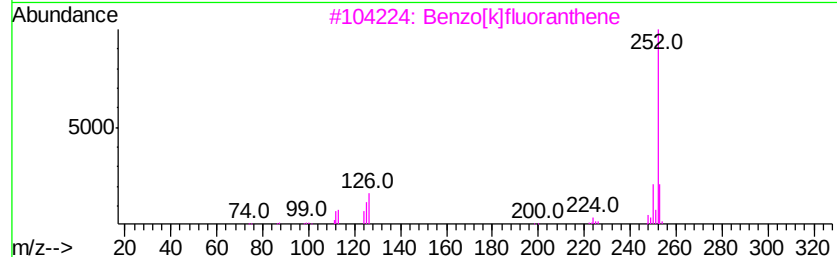
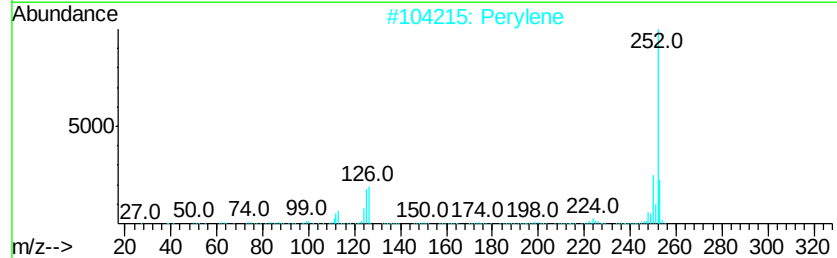
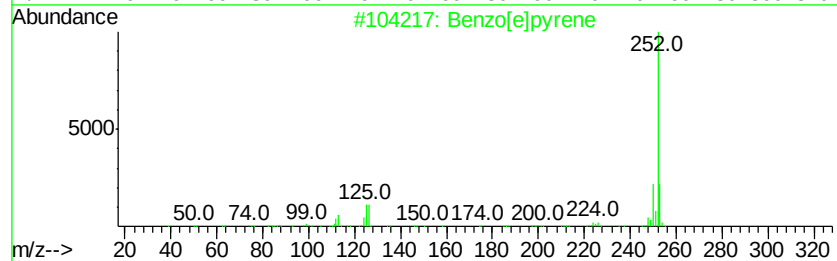
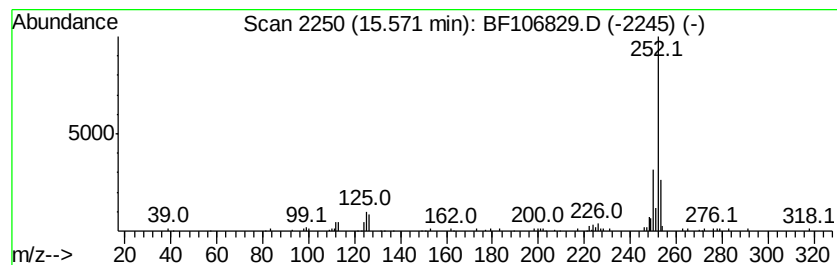
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	11.05 ng	134935	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
5			Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106829.D
 Acq On : 26 Jun 2018 18:07
 Operator : JU/SJ
 Sample : J3684-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.20	8.0	ng	94585	1	6.96	236463	20.0
unknown6.74	6.74	70.7	ng	835776	1	6.96	236463	20.0
Tetradecane	10.88	2.4	ng	33744	4	11.50	283304	20.0
Methanone, (2-met...	11.34	2.4	ng	33949	4	11.50	283304	20.0
Phenanthrene, 2-m...	12.00	4.2	ng	60048	4	11.50	283304	20.0
Phenanthrene, 1-m...	12.02	5.1	ng	71652	4	11.50	283304	20.0
4H-Cyclopenta[def...	12.11	8.4	ng	119104	4	11.50	283304	20.0
Naphthalene, 2-ph...	12.29	2.8	ng	39574	4	11.50	283304	20.0
9,10-Dimethylanthe...	12.55	3.3	ng	46220	4	11.50	283304	20.0
Cyclopenta(def)ph...	12.64	2.9	ng	40748	4	11.50	283304	20.0
Pyrene, 1-methyl-	13.17	2.4	ng	88840	5	14.15	734839	20.0
11H-Benzo[b]fluorene	13.27	3.1	ng	114684	5	14.15	734839	20.0
Benz[c]acridine	13.96	3.3	ng	119608	5	14.15	734839	20.0
unknown15.07	15.07	2.4	ng	29130	6	15.70	244288	20.0
Dinaphtho[1,2-b:1...	15.45	2.4	ng	29722	6	15.70	244288	20.0
Benzo[e]pyrene	15.57	11.1	ng	134935	6	15.70	244288	20.0