

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106827.D
 Acq On : 26 Jun 2018 17:14
 Operator : JU/SJ
 Sample : J3684-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

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	87907	108091	8.20%	0.493%
2	5.601	552	555	559	rBV	915423	896124	68.01%	4.084%
3	6.601	721	725	736	rBV	842671	925597	70.24%	4.219%
4	6.737	744	748	751	rBV	1032513	931676	70.71%	4.246%
5	6.960	782	786	789	rBV	354897	272715	20.70%	1.243%
6	7.119	808	813	816	rBV	801081	731002	55.48%	3.332%
7	7.525	877	882	885	rBV	641120	584770	44.38%	2.665%
8	8.242	1000	1004	1007	rBV	395552	328732	24.95%	1.498%
9	9.313	1182	1186	1190	rBV	1007987	929613	70.55%	4.237%
10	9.707	1250	1253	1259	rVB	194808	163878	12.44%	0.747%
11	9.860	1276	1279	1284	rBV	62402	60253	4.57%	0.275%
12	9.907	1284	1287	1291	rBV	29811	26821	2.04%	0.122%
13	10.001	1300	1303	1306	rBV2	370908	305171	23.16%	1.391%
14	10.031	1306	1308	1313	rVB	53687	48648	3.69%	0.222%
15	10.207	1333	1338	1340	rVV2	38732	40414	3.07%	0.184%
16	10.407	1369	1372	1376	rVB	48876	44046	3.34%	0.201%
17	10.548	1393	1396	1402	rVB	66364	65880	5.00%	0.300%
18	10.707	1420	1423	1426	rVB	32436	29829	2.26%	0.136%
19	10.795	1434	1438	1442	rBV	631776	565570	42.92%	2.578%
20	10.883	1450	1453	1463	rVB3	43653	65440	4.97%	0.298%
21	11.101	1483	1490	1492	rBV3	35477	47452	3.60%	0.216%
22	11.225	1506	1511	1513	rBV3	32335	42058	3.19%	0.192%
23	11.248	1513	1515	1520	rVV2	31837	35845	2.72%	0.163%
24	11.336	1527	1530	1537	rVV3	48261	71723	5.44%	0.327%
25	11.389	1537	1539	1545	rVB	42897	36036	2.73%	0.164%
26	11.495	1554	1557	1559	rBV	357880	310066	23.53%	1.413%
27	11.519	1559	1561	1565	rVV	601345	498467	37.83%	2.272%
28	11.572	1565	1570	1572	rVV	209904	176098	13.36%	0.803%
29	11.601	1572	1575	1580	rVB3	27947	35776	2.72%	0.163%
30	11.730	1592	1597	1600	rBV3	43644	65645	4.98%	0.299%
31	11.995	1637	1642	1645	rBV	126281	116400	8.83%	0.531%
32	12.025	1645	1647	1650	rVV	178905	139355	10.58%	0.635%
33	12.072	1650	1655	1658	rVB	102585	83378	6.33%	0.380%
34	12.113	1658	1662	1664	rBV2	234417	253100	19.21%	1.154%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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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

35	12.130	1664	1665	1669	rVB	98579	66391	5.04%	0.303%
36	12.289	1689	1692	1695	rVB	111770	89558	6.80%	0.408%
37	12.325	1695	1698	1700	rBV	37809	37141	2.82%	0.169%
38	12.436	1713	1717	1721	rBV3	36053	43126	3.27%	0.197%
39	12.495	1725	1727	1729	rVB2	39757	28137	2.14%	0.128%
40	12.542	1732	1735	1739	rBV	92446	119164	9.04%	0.543%
41	12.589	1739	1743	1744	rVV2	57618	58278	4.42%	0.266%
42	12.607	1744	1746	1748	rVB	37429	27943	2.12%	0.127%
43	12.636	1748	1751	1756	rVB3	75036	106663	8.09%	0.486%
44	12.719	1760	1765	1768	rBV	1224000	1204896	91.44%	5.491%
45	12.777	1772	1775	1777	rVB	49123	43512	3.30%	0.198%
46	12.807	1777	1780	1783	rBV	54268	46342	3.52%	0.211%
47	12.866	1787	1790	1792	rBV2	48596	42544	3.23%	0.194%
48	12.889	1792	1794	1797	rVB3	30218	27658	2.10%	0.126%
49	12.930	1797	1801	1802	rBV2	284088	325730	24.72%	1.485%
50	12.954	1802	1805	1809	rVB	1085413	1070824	81.27%	4.880%
51	12.989	1809	1811	1816	rVB2	94745	104470	7.93%	0.476%
52	13.077	1816	1826	1829	rBV2	990148	1063633	80.72%	4.848%
53	13.107	1829	1831	1834	rVB	81550	67717	5.14%	0.309%
54	13.166	1835	1841	1845	rBV2	122059	216503	16.43%	0.987%
55	13.248	1851	1855	1856	rBV2	90601	108635	8.24%	0.495%
56	13.272	1856	1859	1863	rVB	274213	261983	19.88%	1.194%
57	13.336	1867	1870	1873	rBV	209557	186157	14.13%	0.848%
58	13.377	1873	1877	1880	rVV2	166588	196546	14.92%	0.896%
59	13.430	1884	1886	1890	rBV3	39923	47001	3.57%	0.214%
60	13.472	1890	1893	1895	rVV	89675	67657	5.13%	0.308%
61	13.501	1895	1898	1901	rVV2	102486	87693	6.66%	0.400%
62	13.671	1920	1927	1929	rBV5	46721	87166	6.62%	0.397%
63	13.695	1929	1931	1934	rVV	49135	45095	3.42%	0.206%
64	13.754	1938	1941	1944	rBV	58493	76243	5.79%	0.347%
65	13.783	1944	1946	1950	rVB	107055	102489	7.78%	0.467%
66	13.901	1961	1966	1968	rBV3	112393	149624	11.36%	0.682%
67	13.924	1968	1970	1972	rVV	170644	142152	10.79%	0.648%
68	13.960	1972	1976	1980	rVV3	204336	291939	22.16%	1.331%
69	13.995	1980	1982	1986	rVB	90385	82591	6.27%	0.376%
70	14.071	1989	1995	1999	rBV	45330	103538	7.86%	0.472%
71	14.148	2001	2008	2012	rVV2	822645	1317682	100.00%	6.006%

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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

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72	14.183	2012	2014	2021	rVV	687427	664589	50.44%	3.029%
73	14.266	2025	2028	2031	rVV	154475	150767	11.44%	0.687%
74	14.307	2032	2035	2037	rVV2	66429	81057	6.15%	0.369%
75	14.354	2041	2043	2045	rVV	46718	41194	3.13%	0.188%
76	14.389	2045	2049	2052	rVV3	74979	115098	8.73%	0.525%
77	14.419	2052	2054	2057	rVB3	31399	28123	2.13%	0.128%
78	14.483	2062	2065	2067	rBV2	30380	32998	2.50%	0.150%
79	14.513	2067	2070	2072	rBV2	43032	38371	2.91%	0.175%
80	14.554	2072	2077	2080	rBV	172448	179908	13.65%	0.820%
81	14.589	2080	2083	2087	rBV	69459	62831	4.77%	0.286%
82	14.654	2092	2094	2097	rVV	85327	102821	7.80%	0.469%
83	14.683	2097	2099	2101	rVV	101473	102108	7.75%	0.465%
84	14.707	2101	2103	2107	rVV2	109605	111615	8.47%	0.509%
85	14.754	2107	2111	2118	rVB3	59292	94433	7.17%	0.430%
86	14.883	2130	2133	2135	rBV2	38585	39594	3.00%	0.180%
87	14.960	2144	2146	2150	rBV3	21182	32362	2.46%	0.147%
88	15.077	2163	2166	2169	rBV2	47565	50632	3.84%	0.231%
89	15.136	2174	2176	2182	rBV5	22332	29989	2.28%	0.137%
90	15.254	2190	2196	2199	rBV	422400	726557	55.14%	3.311%
91	15.360	2211	2214	2219	rBV	103313	123272	9.36%	0.562%
92	15.454	2227	2230	2232	rBV2	37156	49778	3.78%	0.227%
93	15.571	2246	2250	2257	rVB	230559	342514	25.99%	1.561%
94	15.642	2257	2262	2267	rBV	387536	493381	37.44%	2.249%
95	15.707	2269	2273	2276	rVV	190993	260149	19.74%	1.186%
96	15.742	2276	2279	2286	rVB2	115674	163075	12.38%	0.743%
97	17.283	2535	2541	2551	rVB2	135894	290119	22.02%	1.322%
98	17.471	2569	2573	2578	rBV2	25542	44045	3.34%	0.201%
99	17.765	2617	2623	2633	rVB	100768	224507	17.04%	1.023%
100	18.024	2663	2667	2679	rVB2	35028	85148	6.46%	0.388%

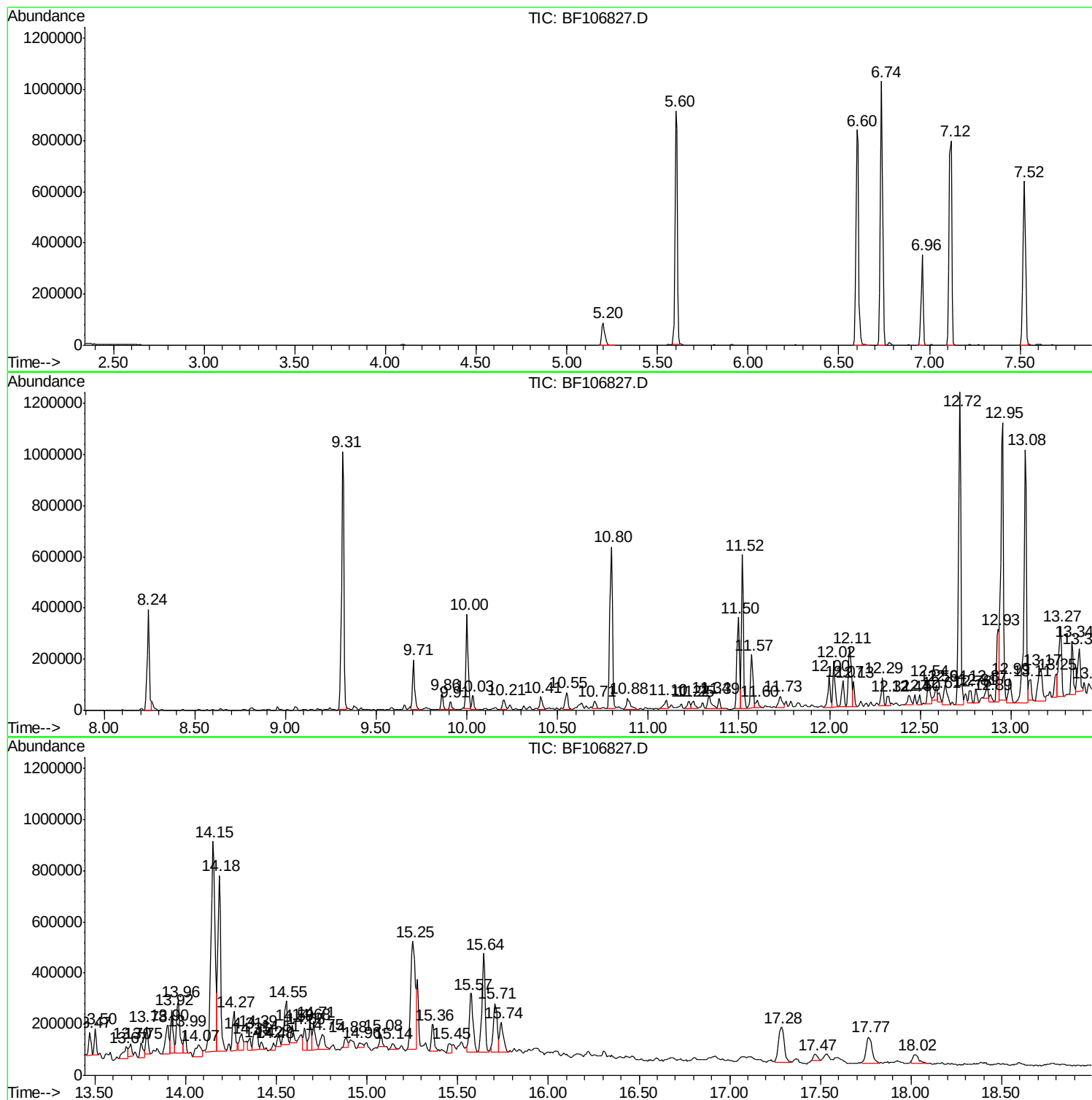
Sum of corrected areas: 21941125

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Instrument :
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TP-1-S

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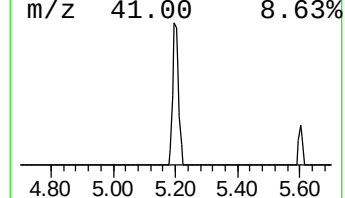
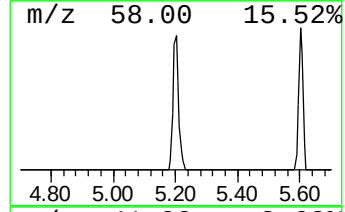
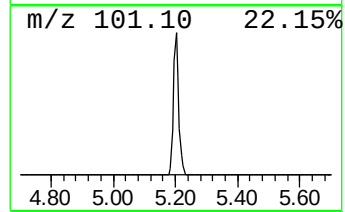
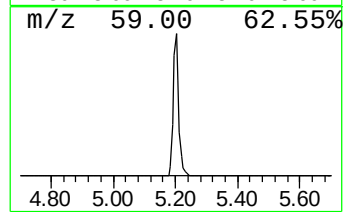
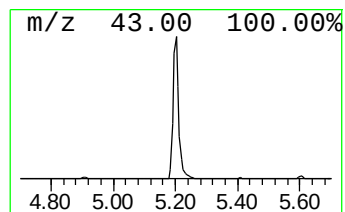
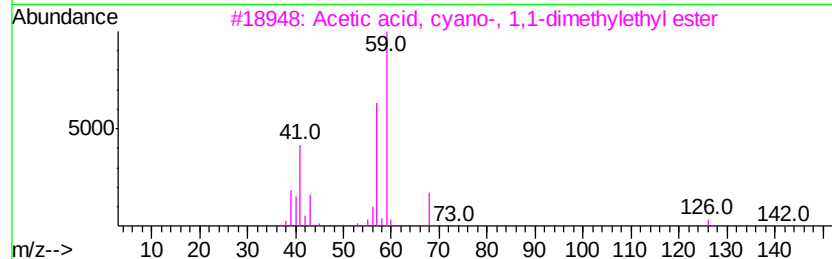
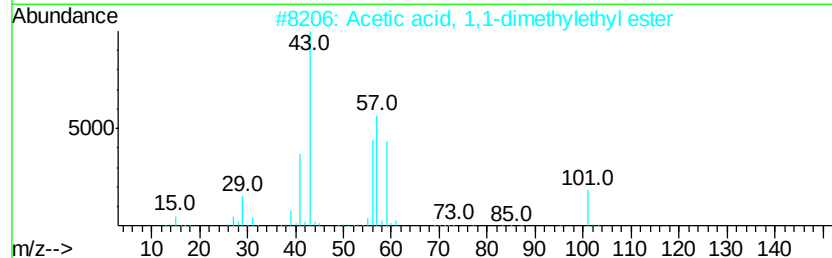
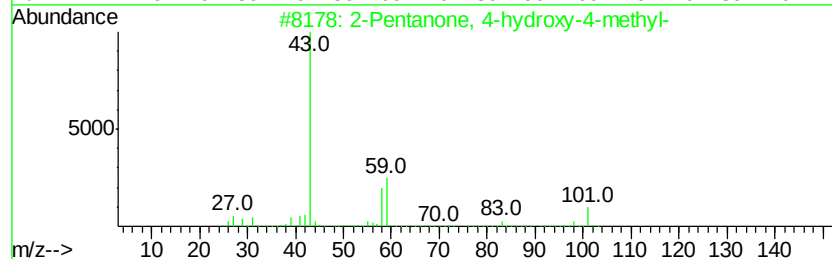
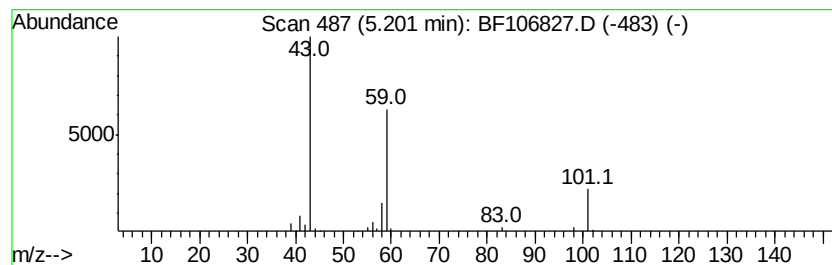
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.93 ng	108091	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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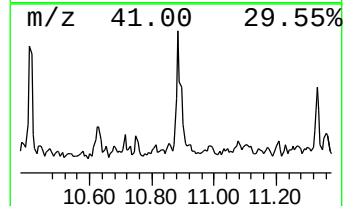
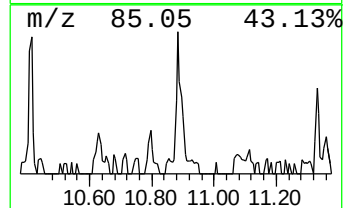
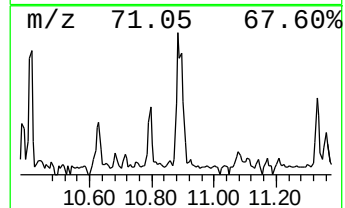
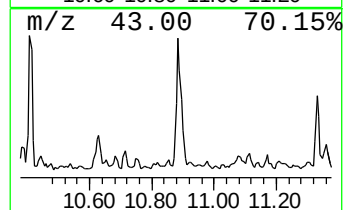
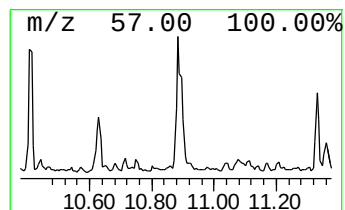
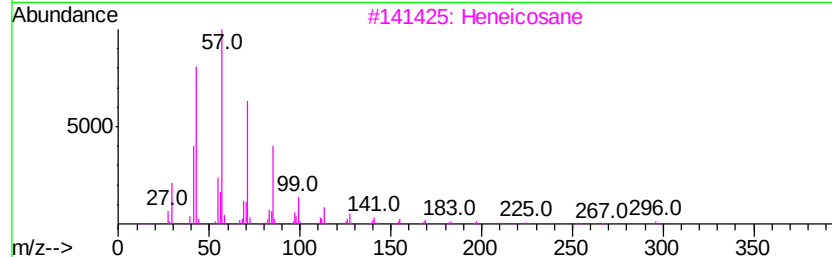
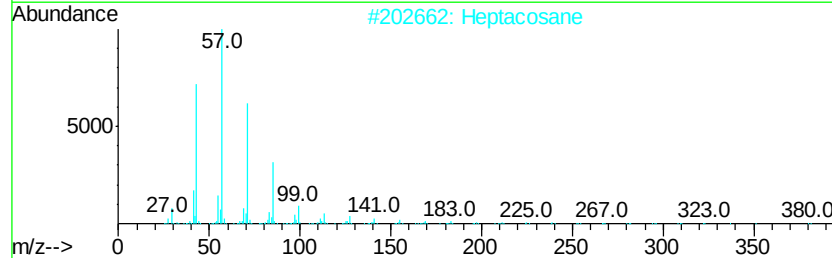
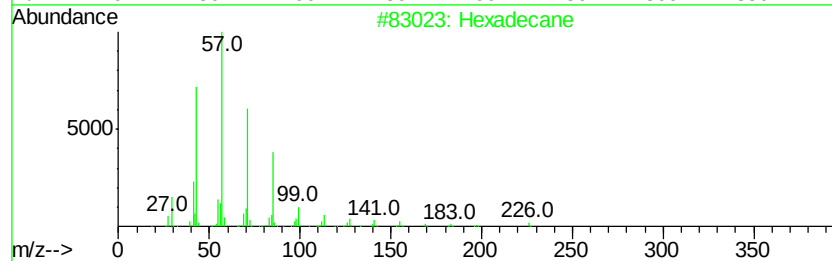
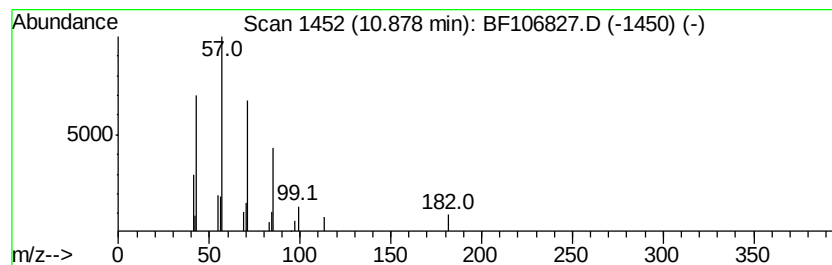
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.22 ng	65440	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heptacosane		380	C27H56	000593-49-7	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	Tetracosane		338	C24H50	000646-31-1	87
5	Octacosane		394	C28H58	000630-02-4	86



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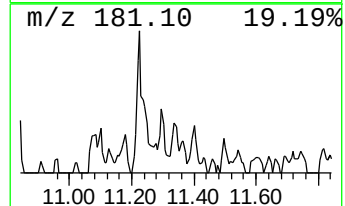
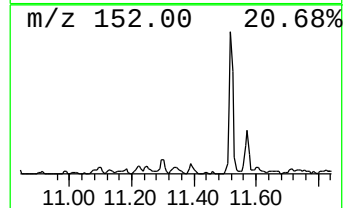
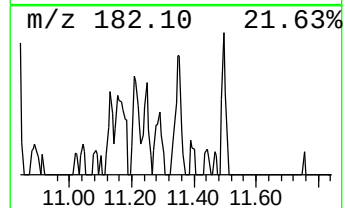
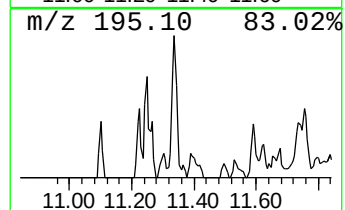
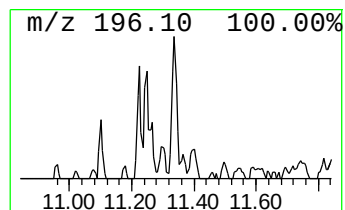
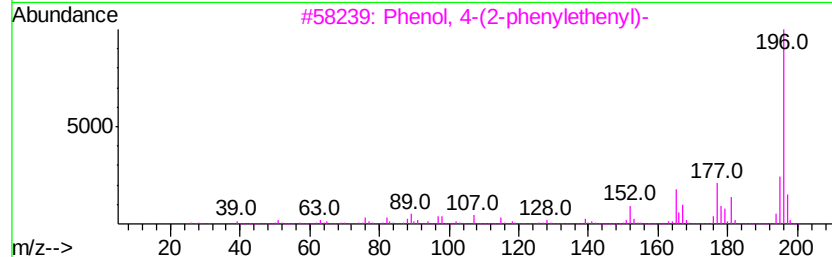
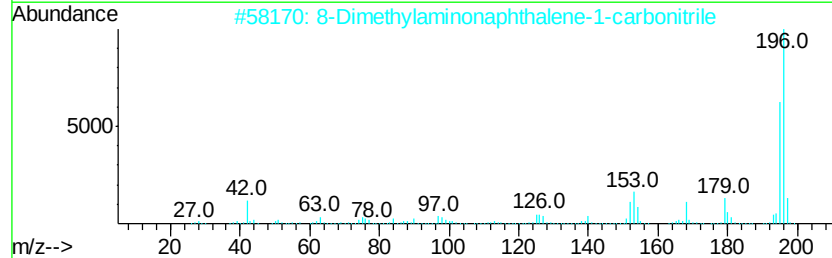
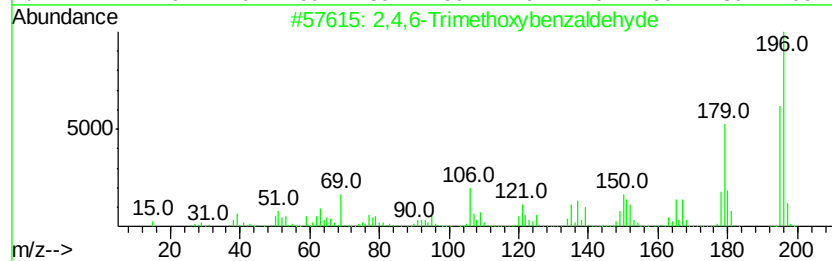
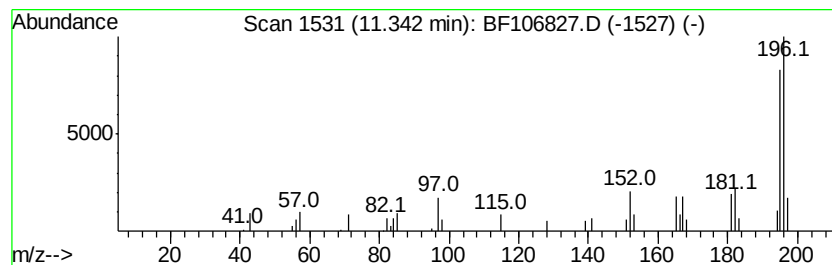
Instrument :
BNA_F
ClientSampleId :
TP-1-S

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 5 2,4,6-Trimethoxybenzaldehyde Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.34	4.63 ng	71723	Phenanthrene-d10		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4		000830-79-5	72
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2		128644-69-9	64
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O		003839-46-1	53
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O		006554-98-9	53
5	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2		1000351-56-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
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Instrument :
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ClientSampleId :
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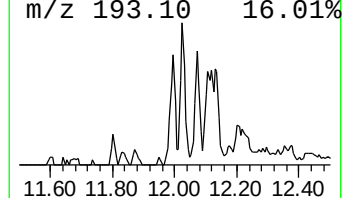
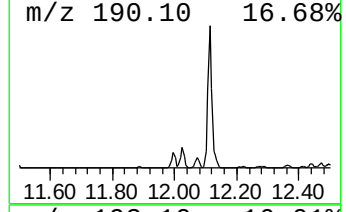
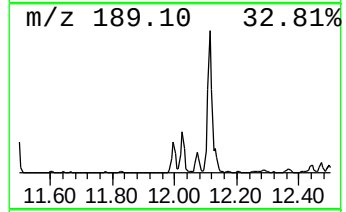
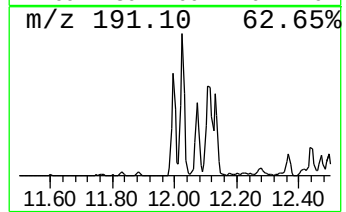
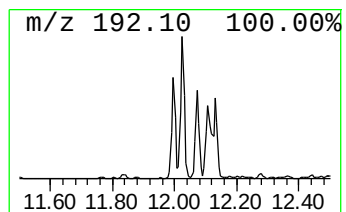
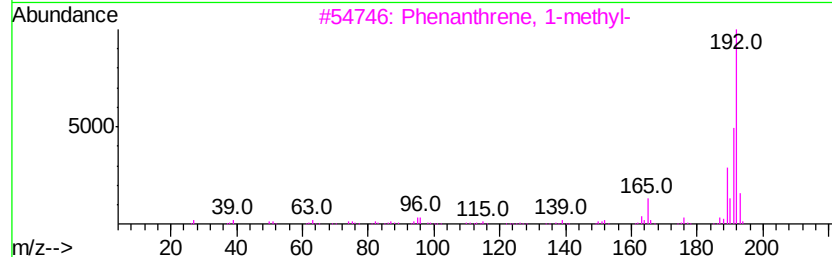
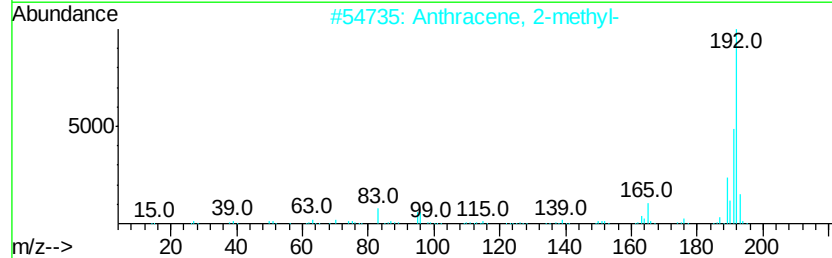
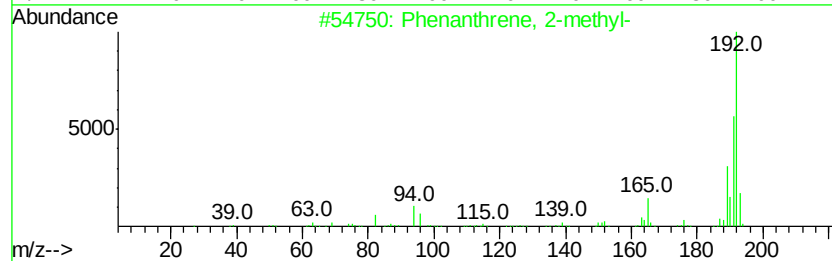
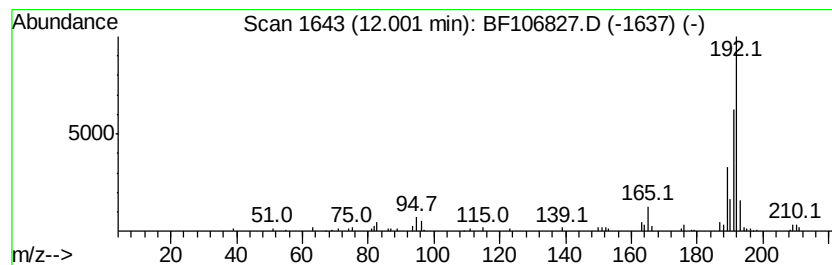
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.51 ng	116400	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
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Sample : J3684-03
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ClientSampleId :
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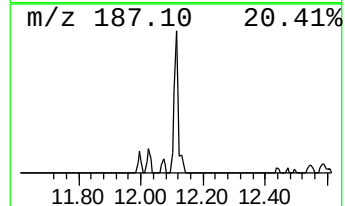
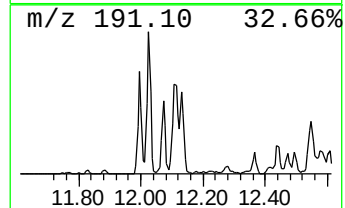
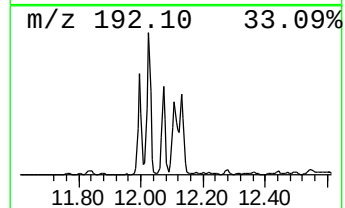
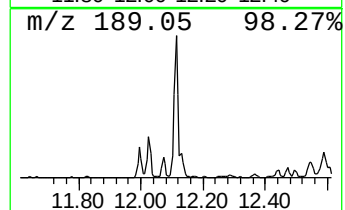
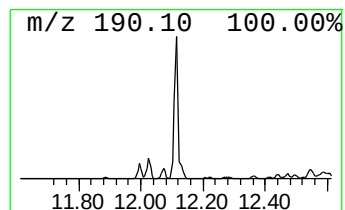
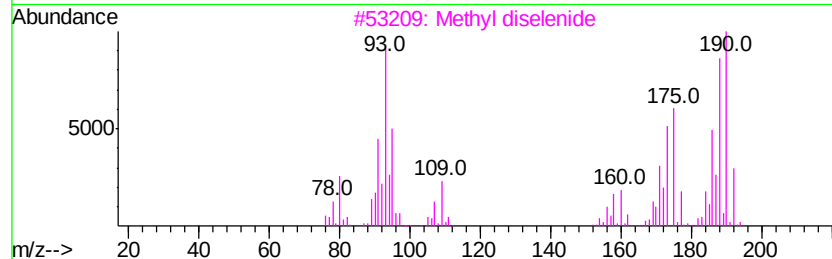
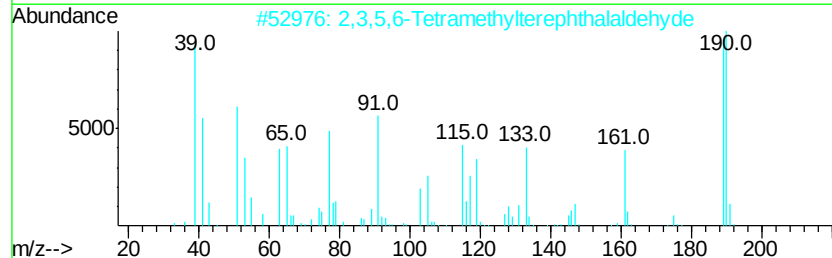
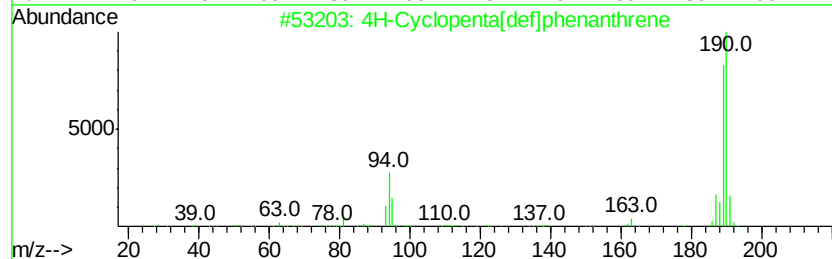
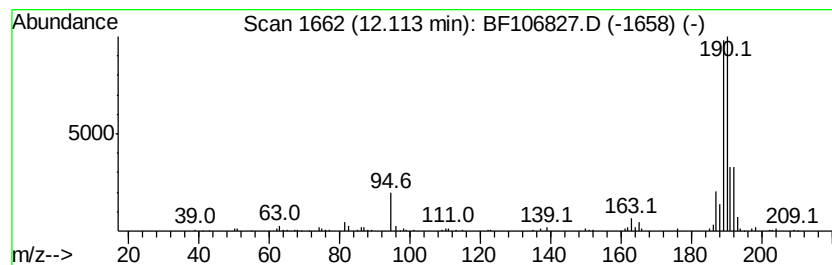
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	16.33 ng	253100	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3		Methyl diselenide	190	C2H6Se2	007101-31-7	49
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
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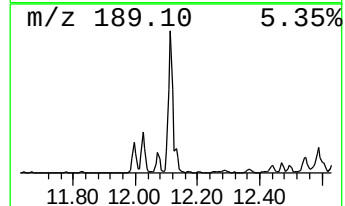
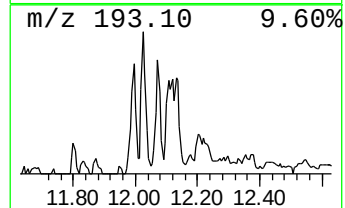
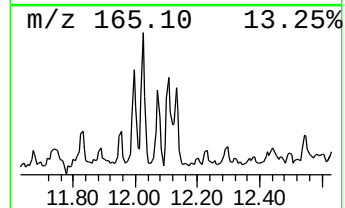
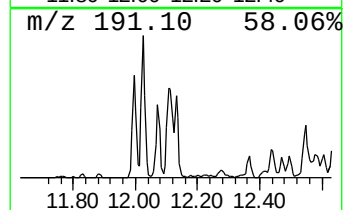
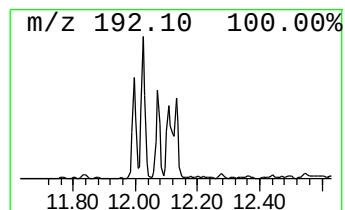
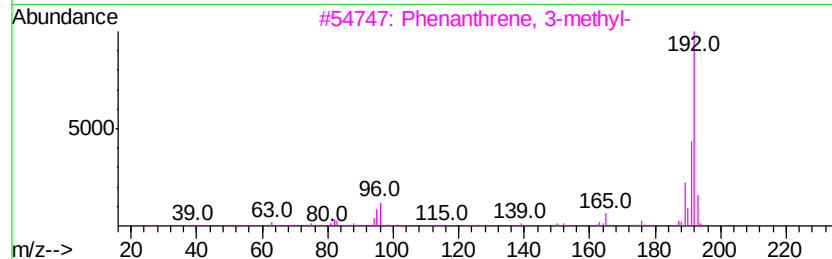
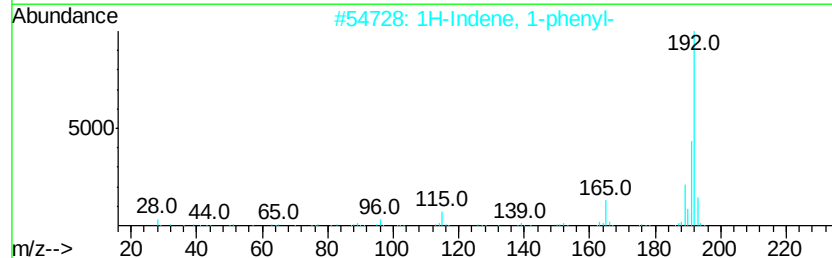
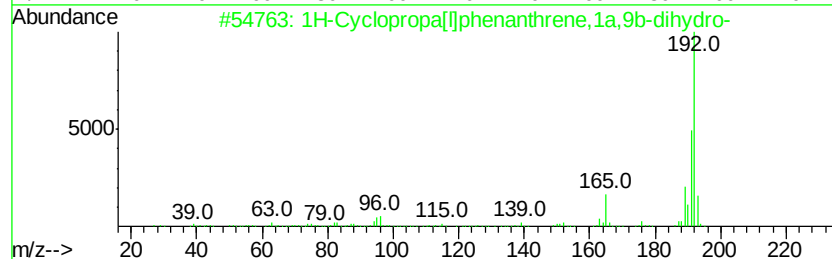
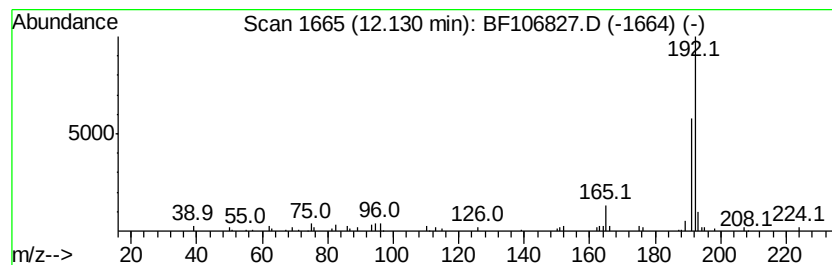
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.28 ng	66391	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	83
2			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
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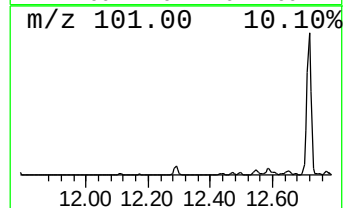
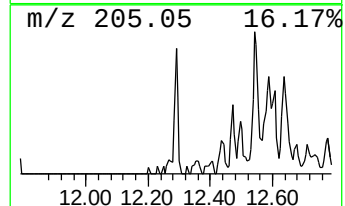
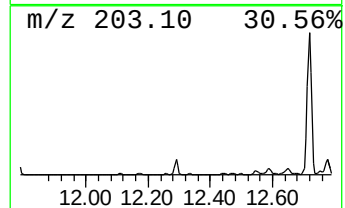
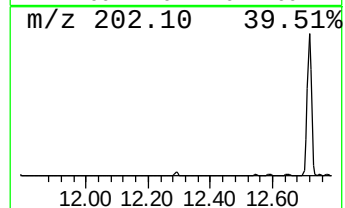
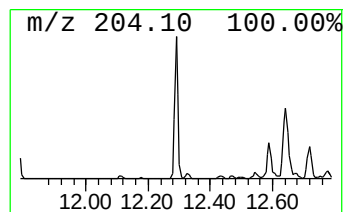
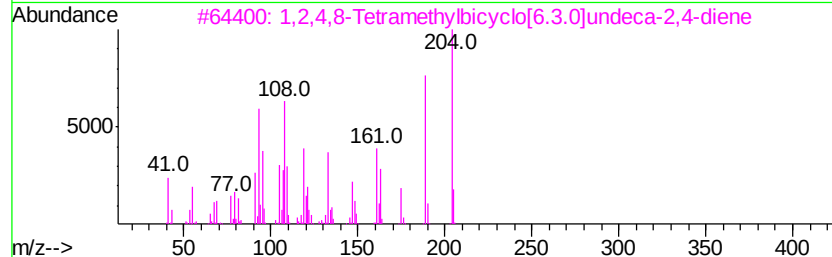
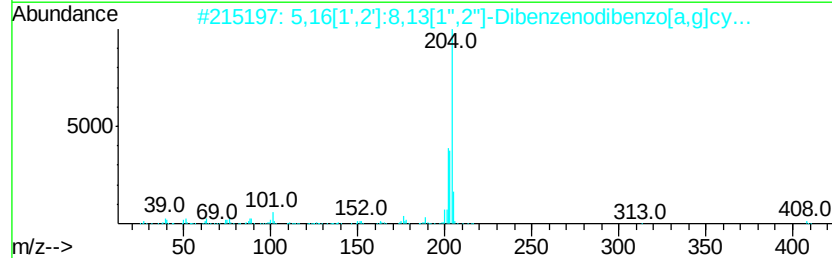
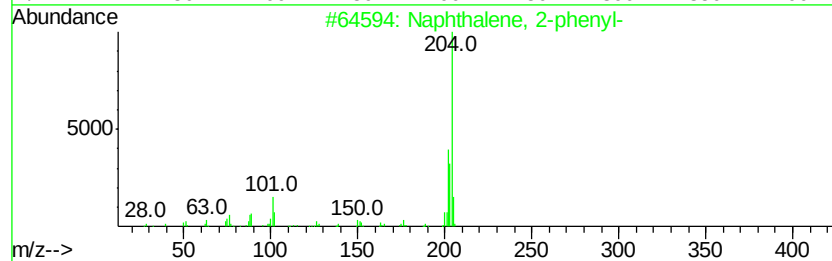
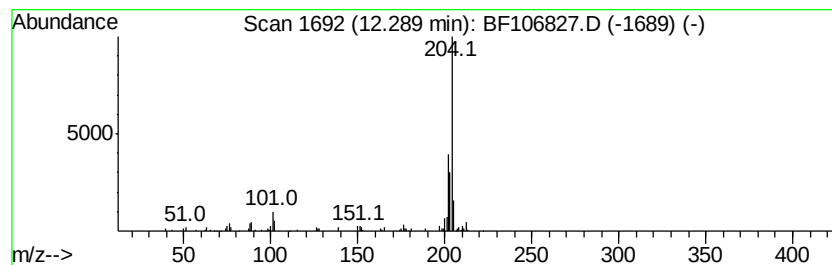
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	5.78 ng	89558	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	83
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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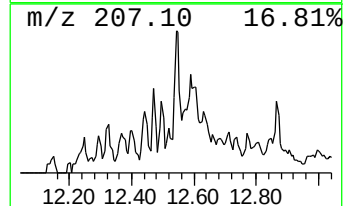
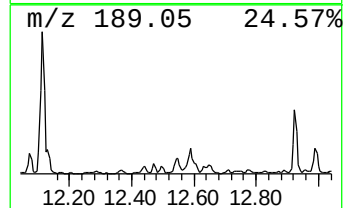
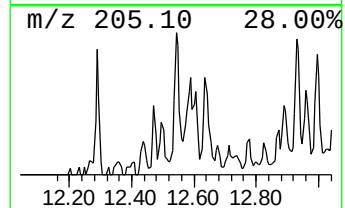
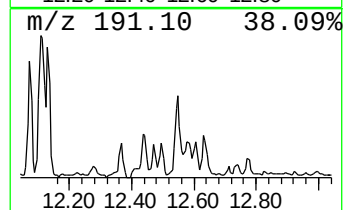
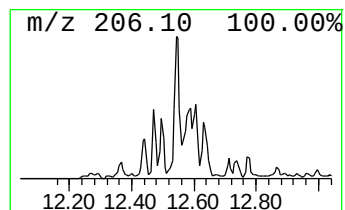
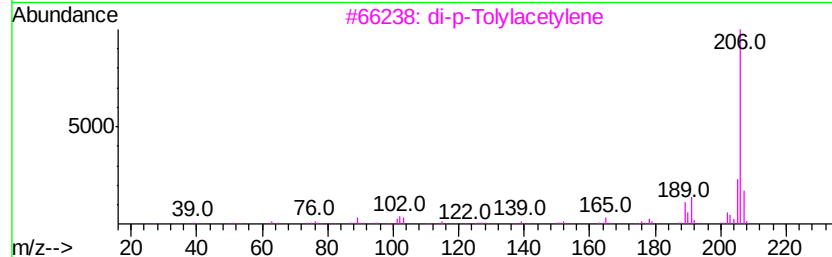
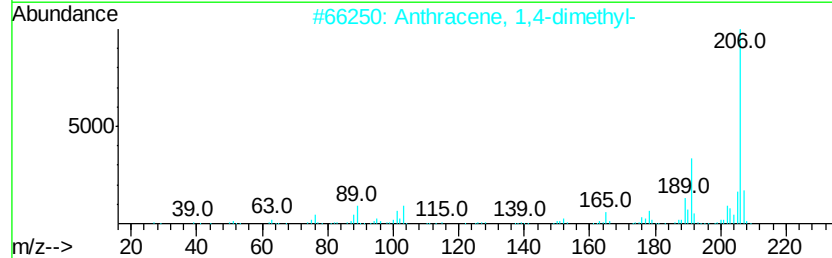
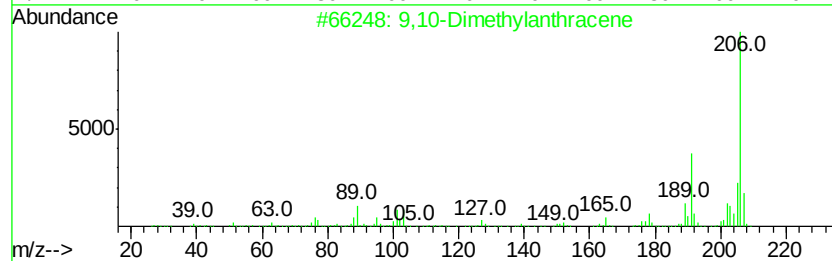
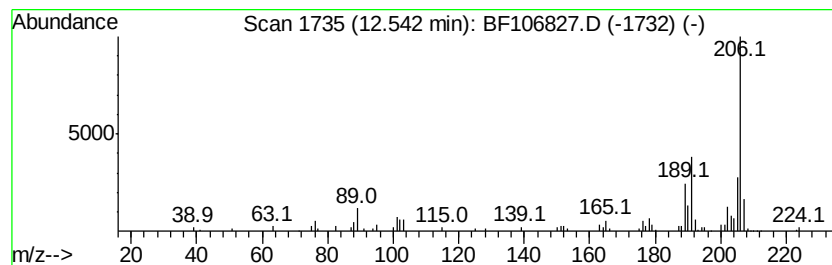
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.69 ng	119164	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
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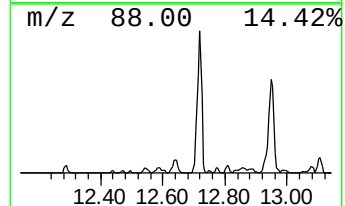
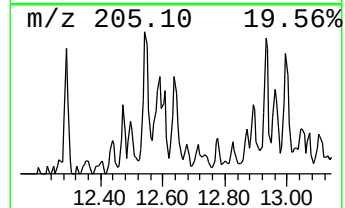
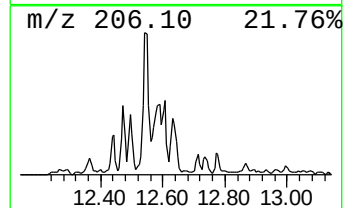
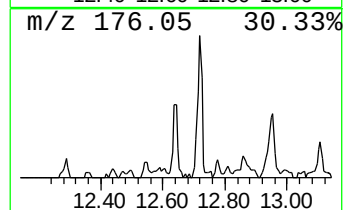
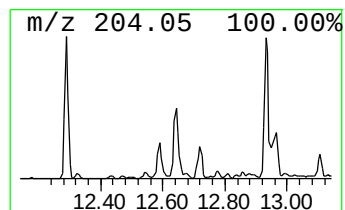
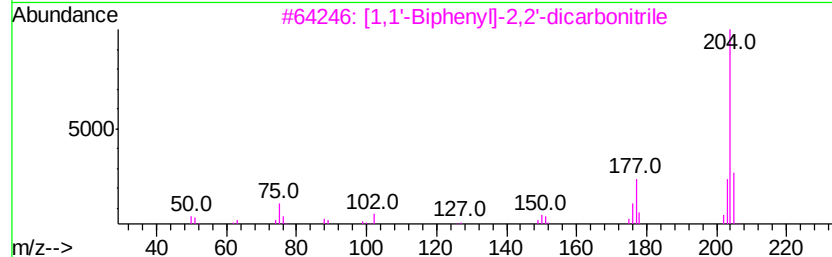
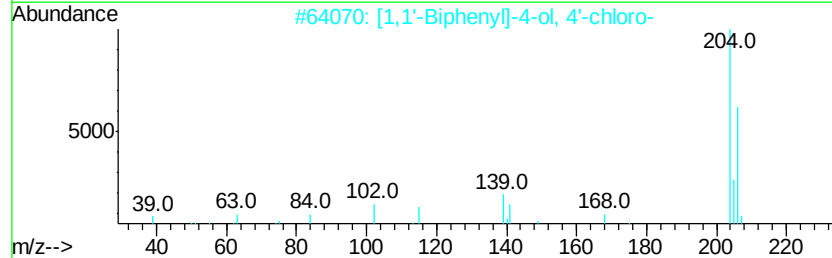
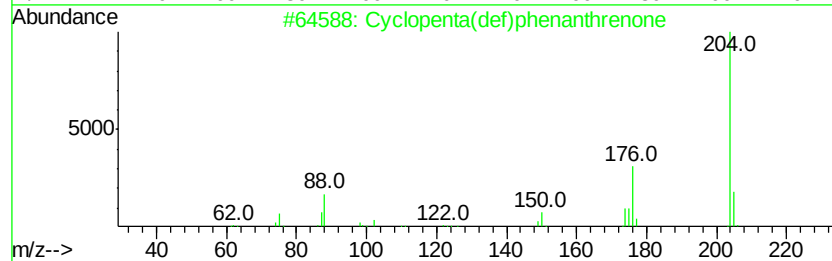
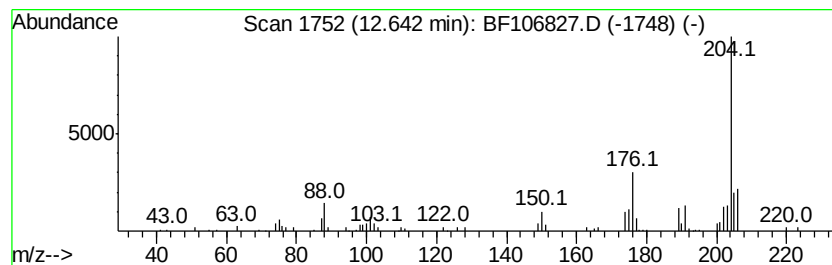
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	6.88 ng	106663	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5		Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38



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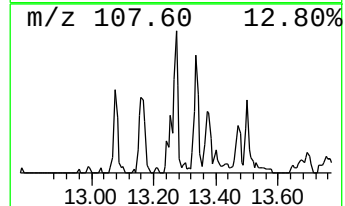
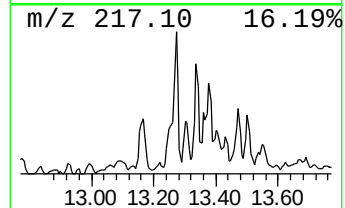
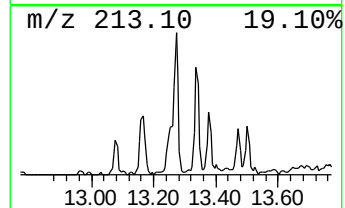
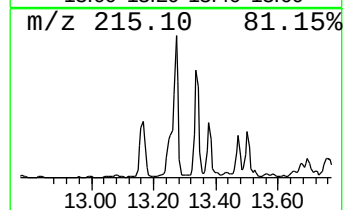
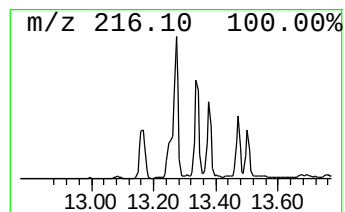
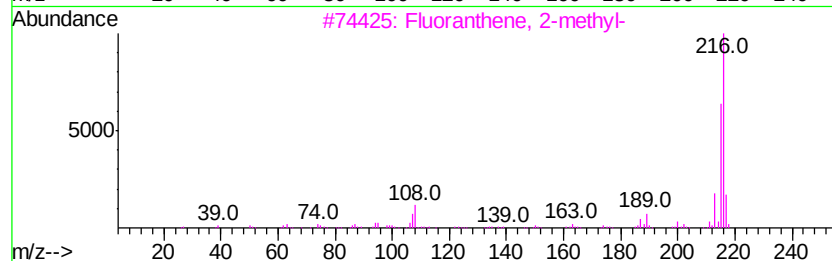
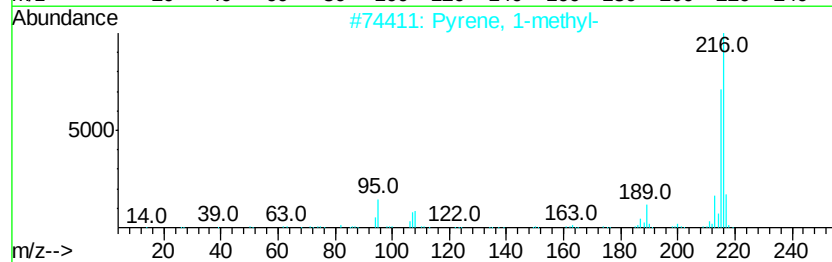
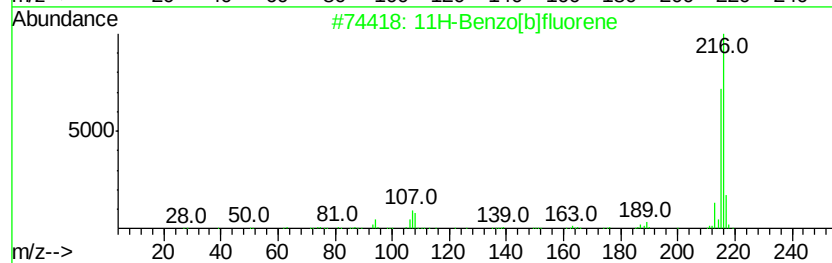
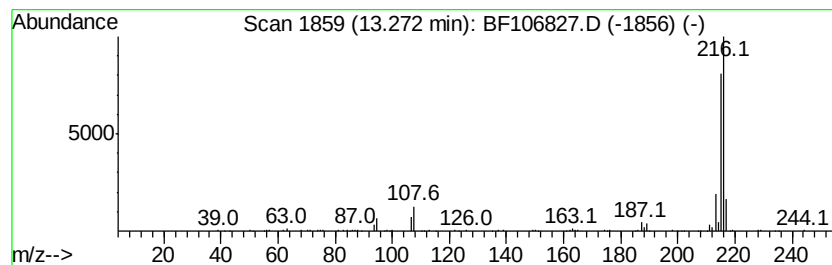
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.98 ng	261983	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-S

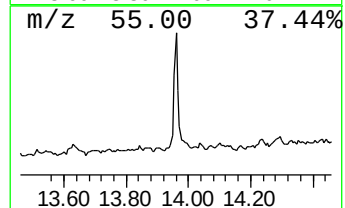
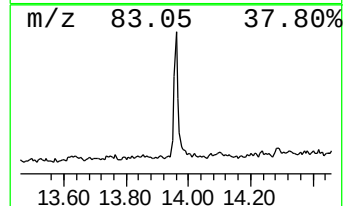
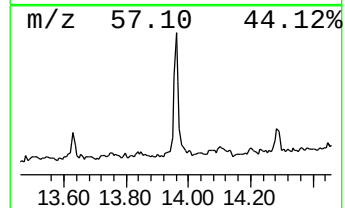
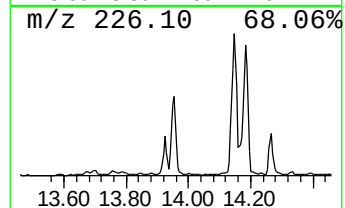
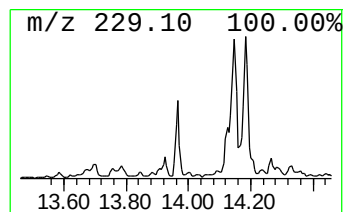
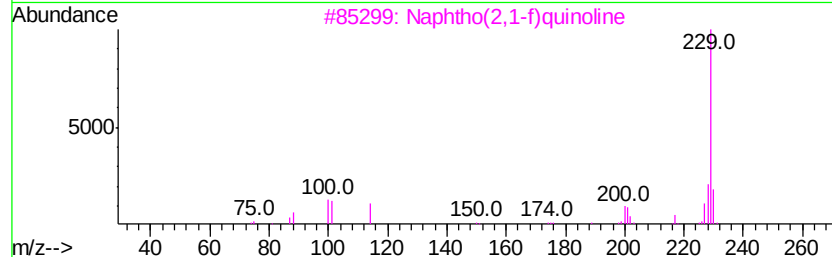
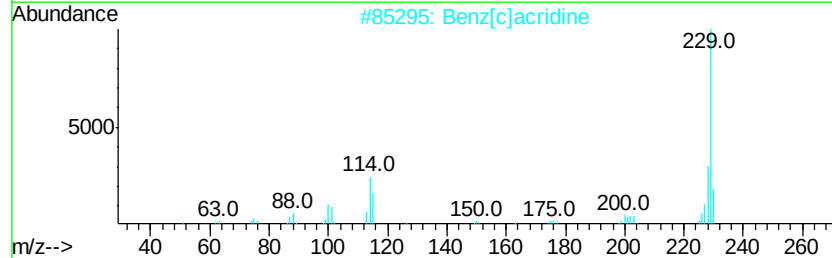
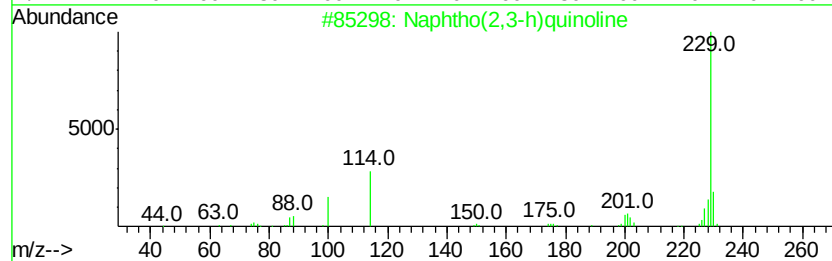
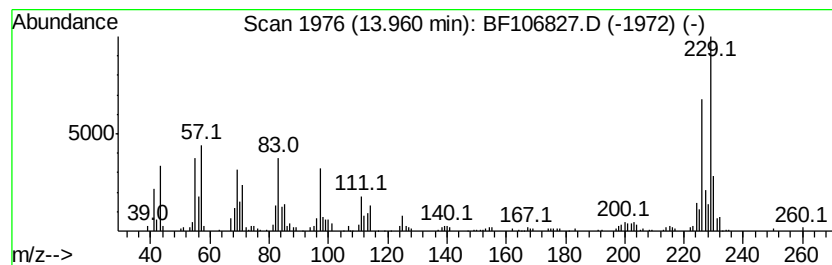
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.96 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.43 ng	291939	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	45
2		Benz[c]acridine	229	C17H11N	000225-51-4	43
3		Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
4		2,6-Luitioine 4-[p-tolylthio]-	229	C14H15NS	1000252-20-5	35
5		7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
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Instrument :
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ClientSampleId :
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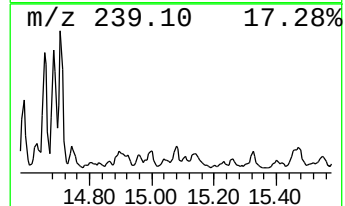
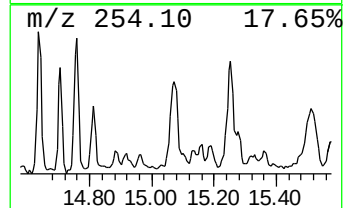
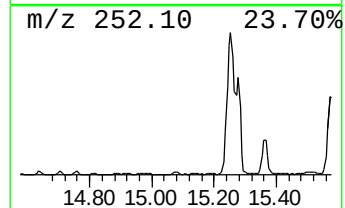
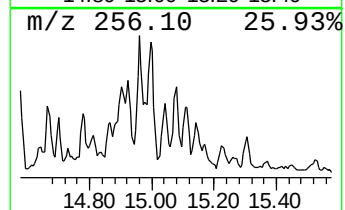
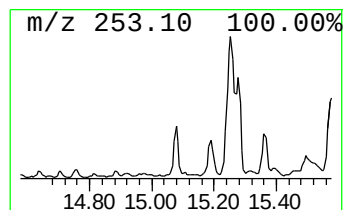
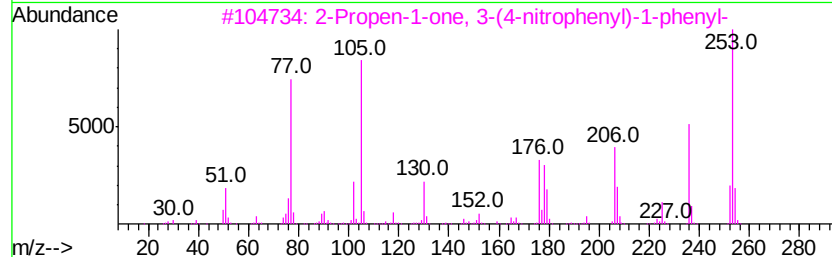
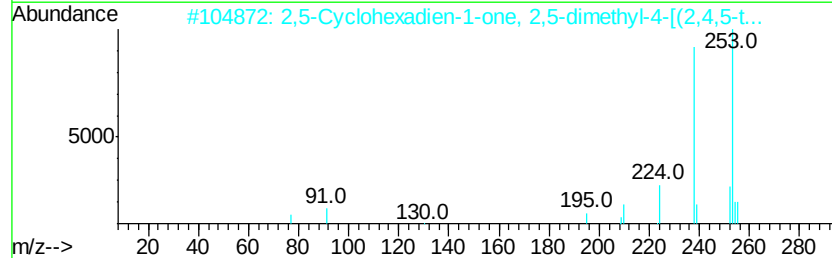
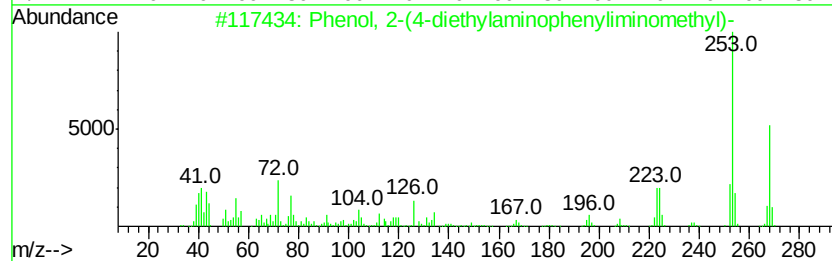
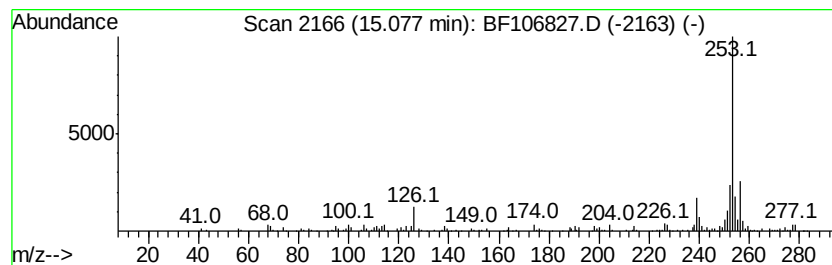
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 2-(4-diethylaminoph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.89 ng	50632	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(4-diethylaminophenyl)-	268	C17H20N2O	004938-45-8	50
2		2,5-Cyclohexadien-1-one, 2,5-dimethyl-4-[(2,4,5-trimethylphenyl)-	253	C17H19NO	054245-93-1	50
3		2-Propen-1-one, 3-(4-nitrophenyl)-1-phenyl-	253	C15H11NO3	001222-98-6	47
4		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
5		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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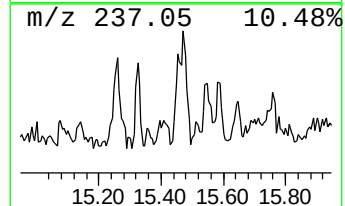
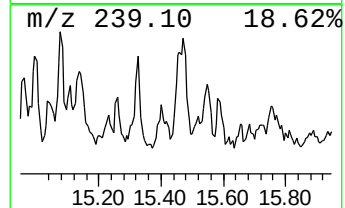
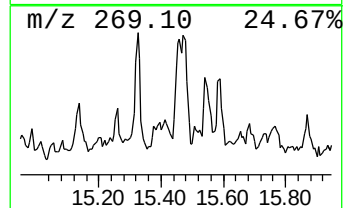
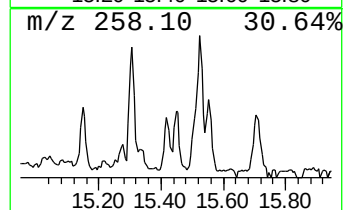
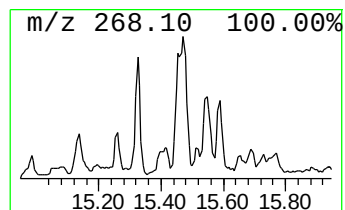
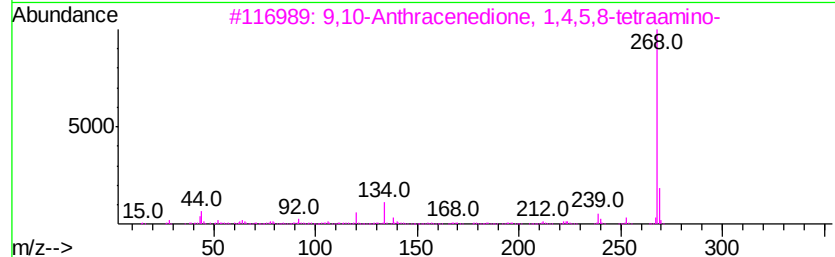
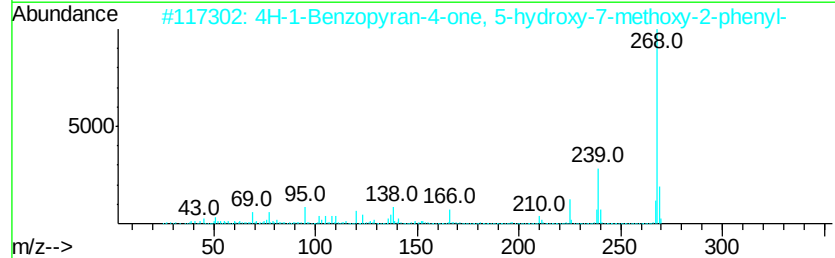
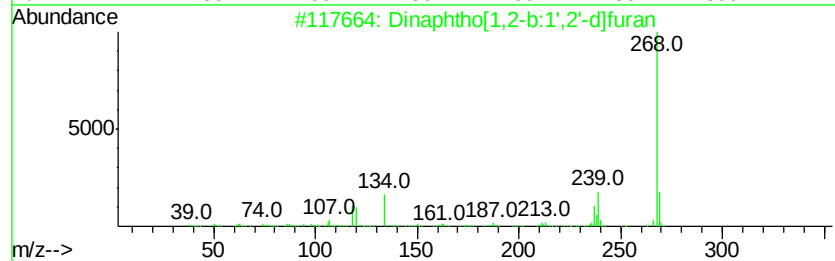
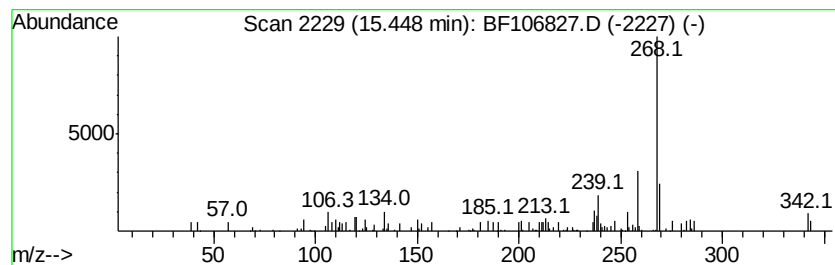
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.83 ng	49778	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
3		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	50
4		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	49
5		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

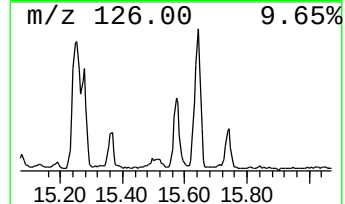
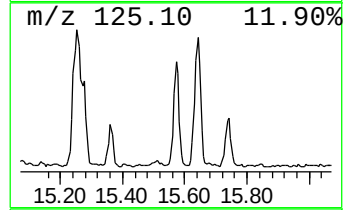
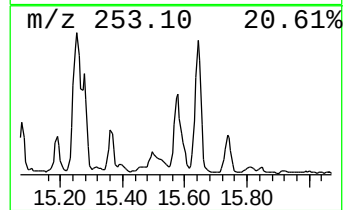
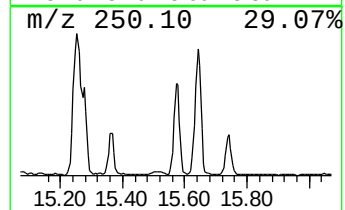
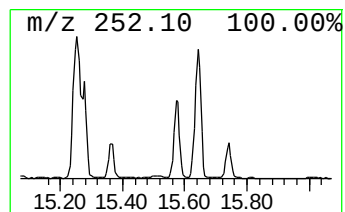
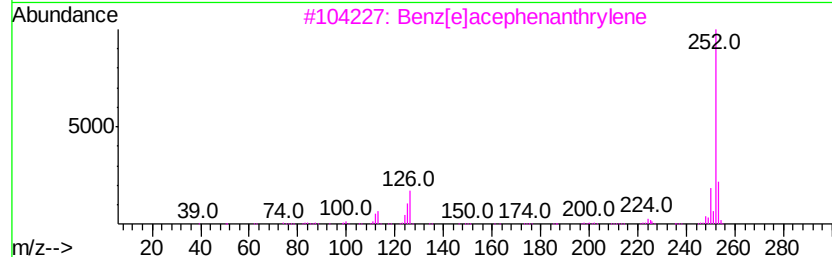
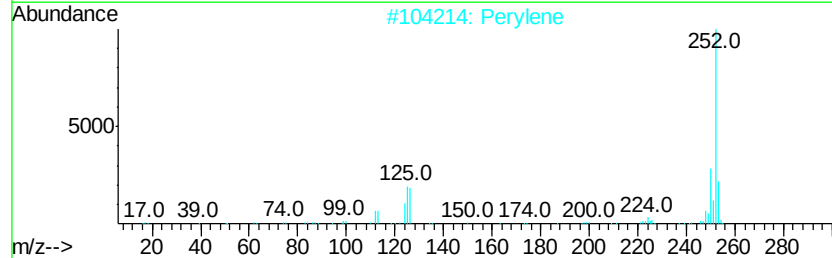
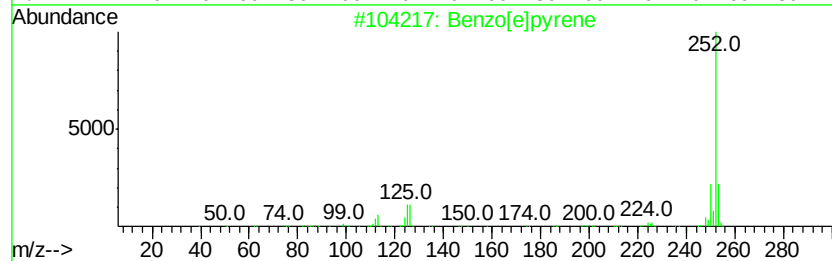
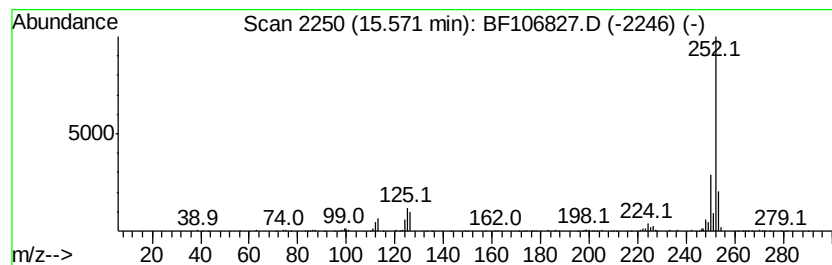
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	26.33 ng	342514	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Perylene	252 C20H12	000198-55-0 97
3		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 95
4		Benzo[a]pyrene	252 C20H12	000050-32-8 94
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106827.D
 Acq On : 26 Jun 2018 17:14
 Operator : JU/SJ
 Sample : J3684-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

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	7.9	ng	108091	1	6.96	272715	20.0
Hexadecane	10.88	4.2	ng	65440	4	11.50	310066	20.0
2,4,6-Trimethoxyb...	11.34	4.6	ng	71723	4	11.50	310066	20.0
Phenanthrene, 2-m...	12.00	7.5	ng	116400	4	11.50	310066	20.0
4H-Cyclopenta[def...	12.11	16.3	ng	253100	4	11.50	310066	20.0
1H-Cyclopropa[l]p...	12.13	4.3	ng	66391	4	11.50	310066	20.0
Naphthalene, 2-ph...	12.29	5.8	ng	89558	4	11.50	310066	20.0
9,10-Dimethylanthe...	12.54	7.7	ng	119164	4	11.50	310066	20.0
Cyclopenta(def)ph...	12.64	6.9	ng	106663	4	11.50	310066	20.0
11H-Benzo[b]fluorene	13.27	4.0	ng	261983	5	14.16	1317680	20.0
unknown13.96	13.96	4.4	ng	291939	5	14.16	1317680	20.0
Phenol, 2-(4-diet...	15.08	3.9	ng	50632	6	15.71	260149	20.0
Dinaphtho[1,2-b:1...	15.45	3.8	ng	49778	6	15.71	260149	20.0
Benzo[e]pyrene	15.57	26.3	ng	342514	6	15.71	260149	20.0