

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111725.D
 Acq On : 26 Dec 2018 20:36
 Operator : JU/SJ
 Sample : J6520-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-165

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-BF121918.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	2.199	15	19	24	rVB	69869	96257	2.01%	0.126%
2	3.428	225	228	243	rBV	30429	68564	1.43%	0.090%
3	4.504	407	411	417	rVB	69252	76960	1.61%	0.101%
4	5.122	511	516	523	rVB	213151	266441	5.57%	0.349%
5	5.534	581	586	589	rBV	3956789	3753986	78.48%	4.922%
6	6.539	751	757	761	rBV2	3742706	4346489	90.87%	5.699%
7	6.675	775	780	783	rBV	4506138	4054014	84.75%	5.316%
8	6.898	815	818	822	rBV	1526269	1221656	25.54%	1.602%
9	7.057	841	845	848	rVB	3542425	2957904	61.84%	3.879%
10	7.457	908	913	916	rBV	2819826	2568255	53.69%	3.368%
11	8.181	1032	1036	1039	rBV	1817524	1547283	32.35%	2.029%
12	8.204	1039	1040	1044	rVB	105561	55653	1.16%	0.073%
13	8.892	1154	1157	1162	rVB	65358	50739	1.06%	0.067%
14	9.257	1214	1219	1222	rBV	3942454	3720081	77.77%	4.878%
15	9.645	1282	1285	1289	rVB	521218	463648	9.69%	0.608%
16	9.933	1326	1334	1337	rBV	1770201	1643031	34.35%	2.154%
17	9.969	1337	1340	1343	rVB	513355	416969	8.72%	0.547%
18	10.139	1365	1369	1372	rBV	246127	205943	4.31%	0.270%
19	10.480	1423	1427	1432	rVB	494210	393272	8.22%	0.516%
20	10.639	1452	1454	1457	rVB	80932	59082	1.24%	0.077%
21	10.722	1464	1468	1472	rBV	3101416	2629866	54.98%	3.448%
22	10.839	1485	1488	1496	rVB3	73097	91409	1.91%	0.120%
23	11.222	1550	1553	1558	rVB	106848	95810	2.00%	0.126%
24	11.280	1558	1563	1566	rVV3	47709	88283	1.85%	0.116%
25	11.316	1566	1569	1574	rVB	232151	195386	4.08%	0.256%
26	11.421	1583	1587	1589	rBV	1657277	1543607	32.27%	2.024%
27	11.451	1589	1592	1594	rVV	3653702	3373576	70.53%	4.424%
28	11.498	1594	1600	1602	rVV	1002139	908657	19.00%	1.191%
29	11.527	1602	1605	1609	rVB	121047	105771	2.21%	0.139%
30	11.645	1619	1625	1628	rBV2	454036	452390	9.46%	0.593%
31	11.716	1632	1637	1639	rBV3	90204	86692	1.81%	0.114%
32	11.921	1666	1672	1674	rBV	301058	289168	6.05%	0.379%
33	11.945	1674	1676	1680	rVV2	715308	695105	14.53%	0.911%
34	11.998	1680	1685	1687	rVV2	141811	195718	4.09%	0.257%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.033	1687	1691	1694	rVV	699912	732474	15.31%	0.960%
36	12.057	1694	1695	1698	rVB	184147	96603	2.02%	0.127%
37	12.216	1719	1722	1724	rBV	285753	259575	5.43%	0.340%
38	12.233	1724	1725	1730	rVB	276377	212793	4.45%	0.279%
39	12.368	1743	1748	1750	rBV2	77662	77777	1.63%	0.102%
40	12.468	1761	1765	1769	rBV3	173722	234488	4.90%	0.307%
41	12.510	1769	1772	1774	rVV	108020	111505	2.33%	0.146%
42	12.557	1777	1780	1785	rVB2	123904	143161	2.99%	0.188%
43	12.639	1790	1794	1797	rVB	5043968	4644776	97.10%	6.090%
44	12.692	1797	1803	1806	rBV2	86255	118480	2.48%	0.155%
45	12.727	1806	1809	1812	rBV2	187089	171747	3.59%	0.225%
46	12.786	1816	1819	1823	rVV	168610	175556	3.67%	0.230%
47	12.868	1826	1833	1836	rVV	4212108	4783270	100.00%	6.272%
48	12.910	1838	1840	1846	rVB2	158138	166444	3.48%	0.218%
49	12.980	1849	1852	1853	rBV	239017	203245	4.25%	0.267%
50	13.004	1853	1856	1863	rVB	3378742	3078221	64.35%	4.036%
51	13.080	1863	1869	1872	rBV3	184208	332776	6.96%	0.436%
52	13.110	1872	1874	1876	rVB	122840	94311	1.97%	0.124%
53	13.145	1876	1880	1881	rBV2	68750	69210	1.45%	0.091%
54	13.168	1881	1884	1885	rVV2	141963	156721	3.28%	0.206%
55	13.192	1885	1888	1891	rVB	592151	526318	11.00%	0.690%
56	13.257	1896	1899	1901	rVV	520491	417990	8.74%	0.548%
57	13.292	1901	1905	1908	rVV2	284877	305494	6.39%	0.401%
58	13.315	1908	1909	1912	rVB	170000	138907	2.90%	0.182%
59	13.351	1912	1915	1918	rBV	71812	58608	1.23%	0.077%
60	13.386	1918	1921	1924	rBV	149041	122054	2.55%	0.160%
61	13.415	1924	1926	1930	rBV2	156856	153411	3.21%	0.201%
62	13.486	1936	1938	1943	rVB3	48218	59336	1.24%	0.078%
63	13.592	1949	1956	1958	rBV6	91928	203832	4.26%	0.267%
64	13.692	1970	1973	1978	rVB	190883	244991	5.12%	0.321%
65	13.810	1988	1993	1995	rBV2	339950	390431	8.16%	0.512%
66	13.839	1995	1998	2000	rVV	314218	321920	6.73%	0.422%
67	13.863	2000	2002	2005	rVV2	344956	414977	8.68%	0.544%
68	13.898	2005	2008	2014	rVB3	507740	570691	11.93%	0.748%
69	13.974	2019	2021	2024	rVV	89660	98438	2.06%	0.129%
70	14.057	2027	2035	2038	rVV3	2708122	4111617	85.96%	5.391%
71	14.086	2038	2040	2045	rVB	2012717	1846477	38.60%	2.421%

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72	14.168	2048	2054	2057	rBV	589179	558887	11.68%	0.733%
73	14.198	2057	2059	2061	rVV	87311	81327	1.70%	0.107%
74	14.221	2061	2063	2065	rVV2	117543	125526	2.62%	0.165%
75	14.245	2065	2067	2069	rVB2	152013	117446	2.46%	0.154%
76	14.280	2069	2073	2077	rBV2	232422	272385	5.69%	0.357%
77	14.410	2092	2095	2097	rBV	100171	90342	1.89%	0.118%
78	14.445	2097	2101	2104	rVV	275647	293386	6.13%	0.385%
79	14.480	2104	2107	2110	rVB2	176226	150041	3.14%	0.197%
80	14.539	2113	2117	2120	rVB2	191106	266198	5.57%	0.349%
81	14.568	2120	2122	2124	rBV	189426	167013	3.49%	0.219%
82	14.592	2124	2126	2129	rVB2	286409	235948	4.93%	0.309%
83	14.627	2130	2132	2133	rBV	90543	74362	1.55%	0.098%
84	14.745	2150	2152	2157	rBV2	100665	158603	3.32%	0.208%
85	14.839	2165	2168	2171	rBV2	123207	121219	2.53%	0.159%
86	15.109	2209	2214	2217	rBV	1480291	2329900	48.71%	3.055%
87	15.186	2224	2227	2229	rBV	135330	139602	2.92%	0.183%
88	15.215	2229	2232	2236	rVB	281724	306603	6.41%	0.402%
89	15.415	2262	2266	2272	rVB	843528	1150159	24.05%	1.508%
90	15.480	2272	2277	2283	rVV	1284568	1583118	33.10%	2.076%
91	15.545	2283	2288	2291	rVV	872040	1167143	24.40%	1.530%
92	15.574	2291	2293	2300	rVB	503799	558727	11.68%	0.733%
93	17.033	2536	2541	2550	rVB2	520382	985849	20.61%	1.293%
94	17.486	2612	2618	2627	rVB	368973	762919	15.95%	1.000%

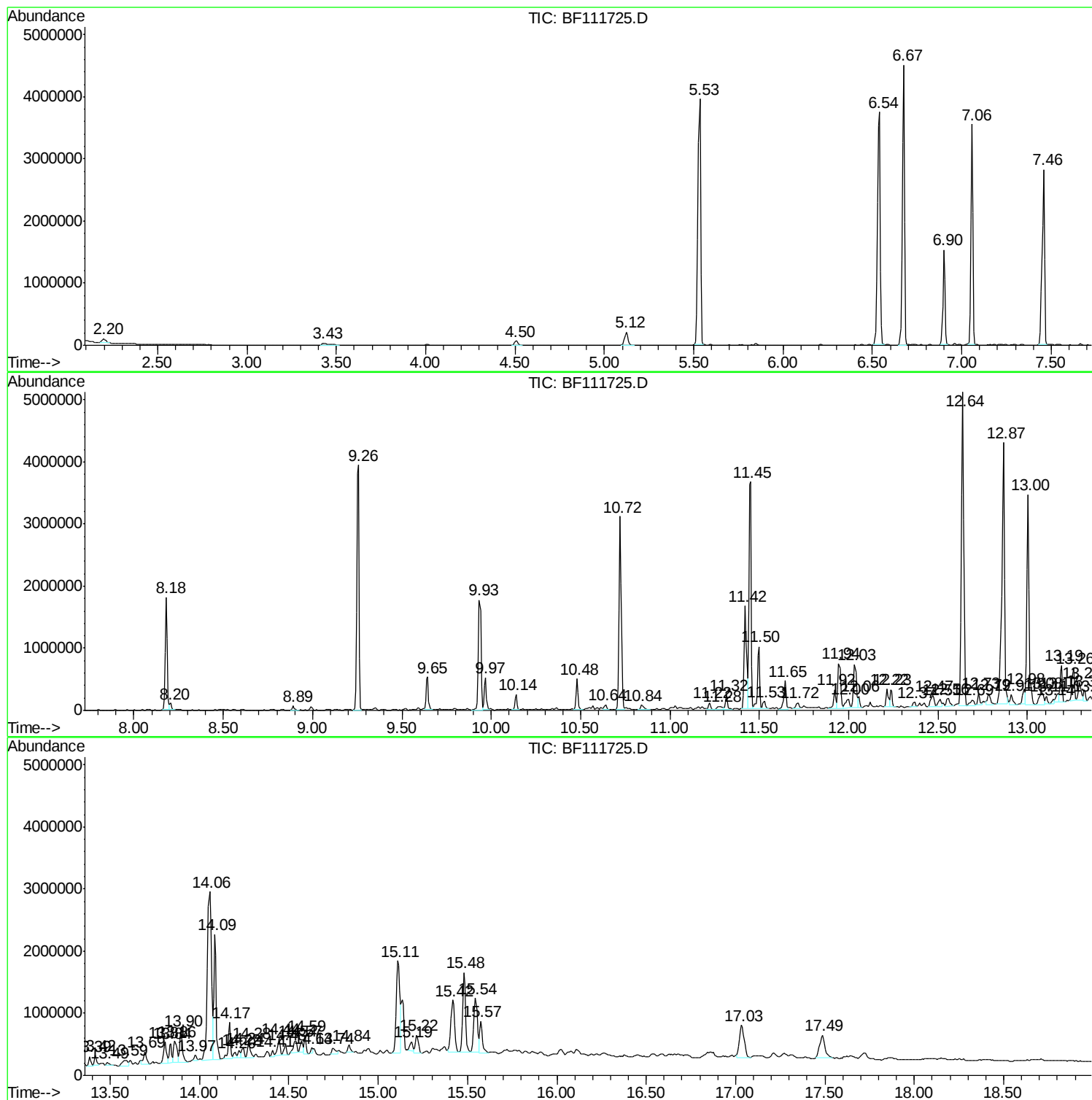
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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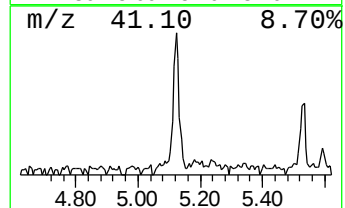
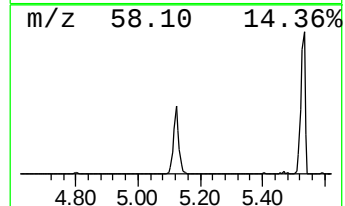
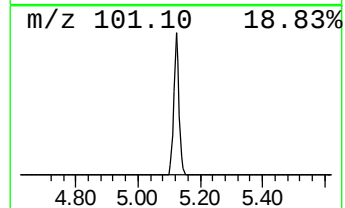
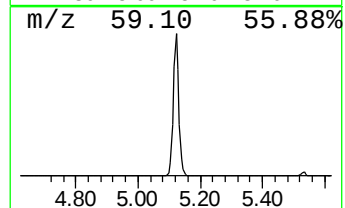
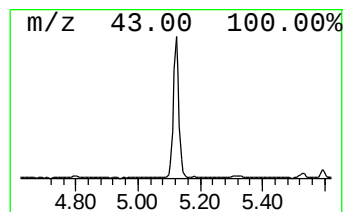
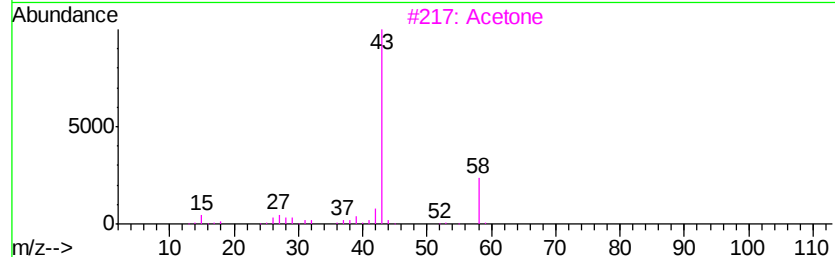
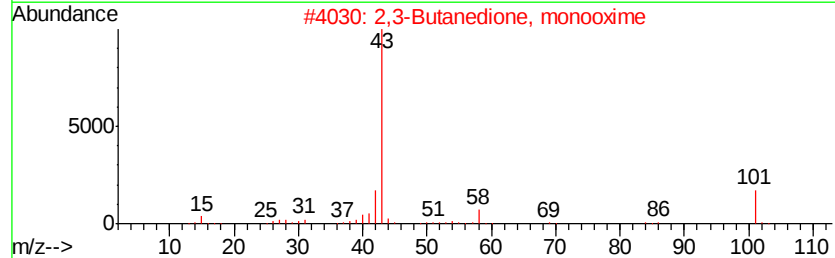
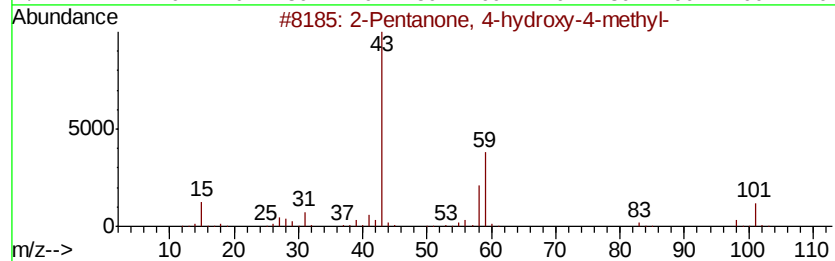
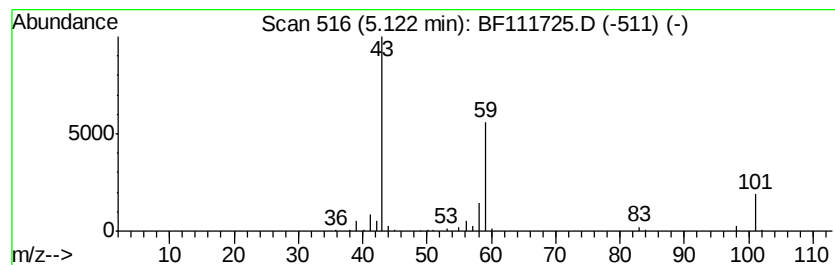
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.12	4.36 ng	266441	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3			Acetone	58	C3H6O	000067-64-1	9
4			Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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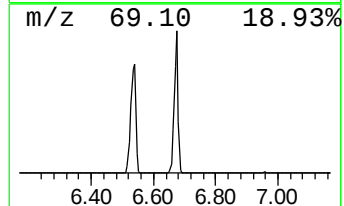
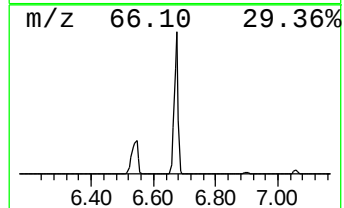
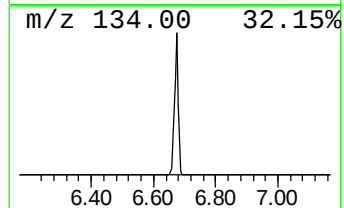
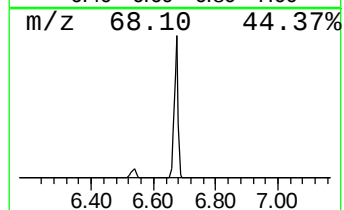
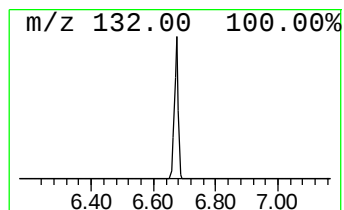
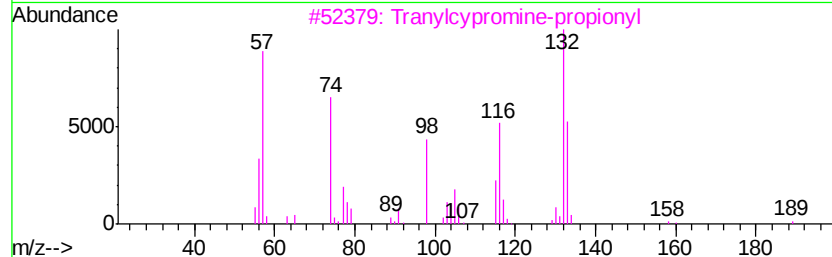
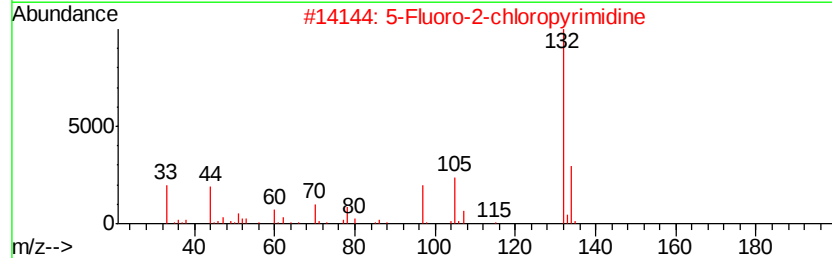
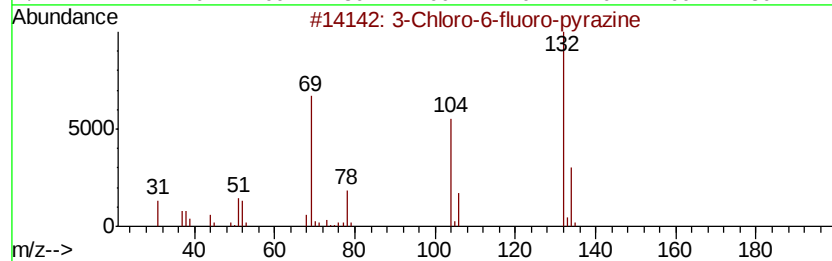
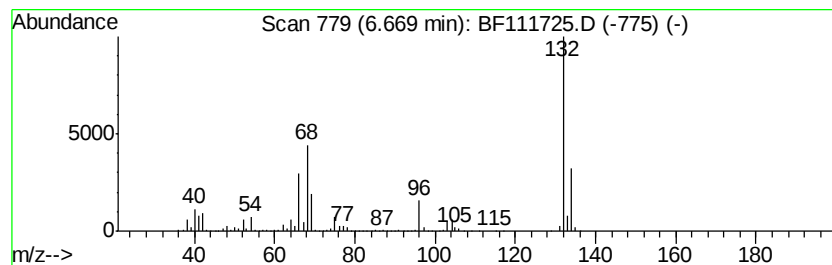
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	66.37 ng	4054010	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12	
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10	
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9	



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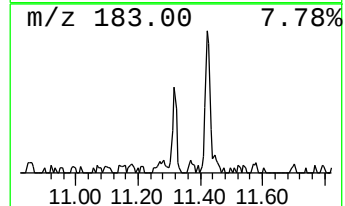
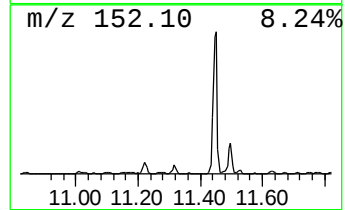
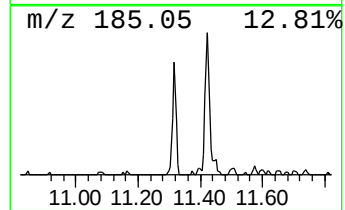
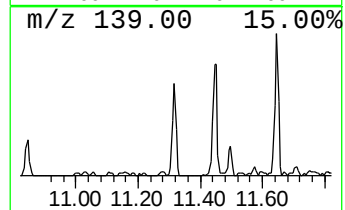
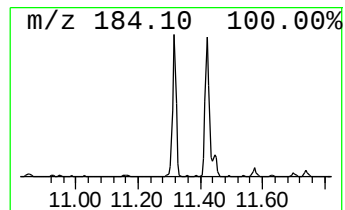
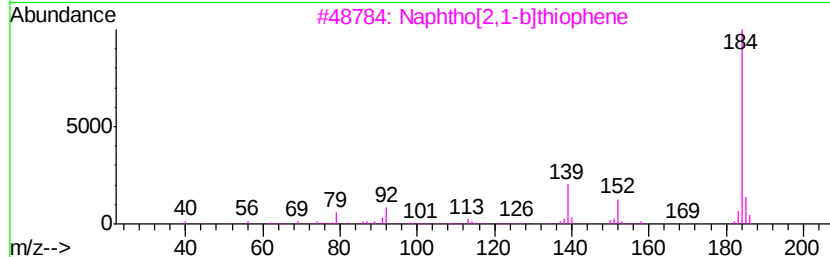
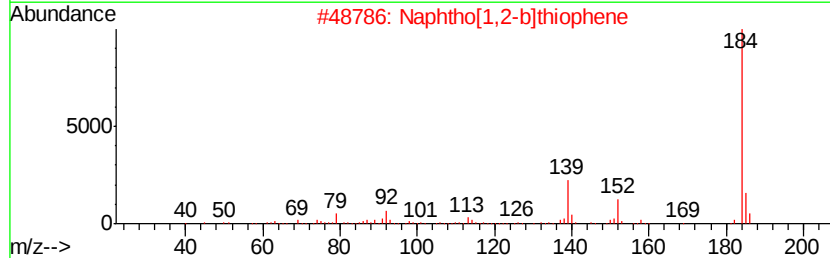
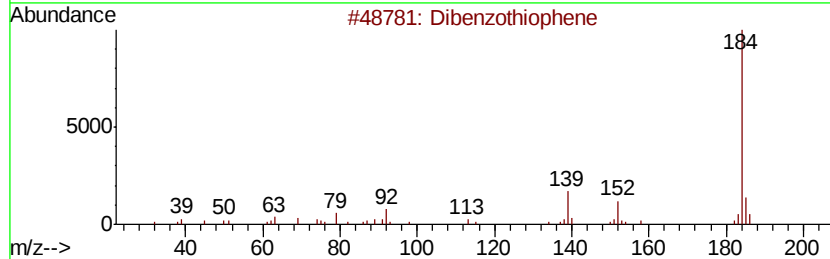
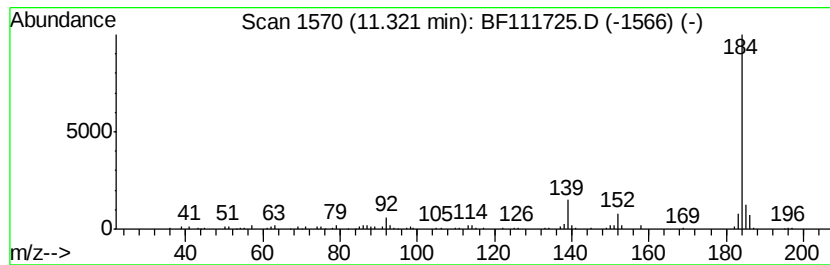
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.53 ng	195386	Phenanthrene-d10	11.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzothiophene	184 C12H8S	000132-65-0 96
2		Naphtho[1,2-b]thiophene	184 C12H8S	000234-41-3 95
3		Naphtho[2,1-b]thiophene	184 C12H8S	000233-02-3 95
4		Naphtho[2,3-b]thiophene	184 C12H8S	000268-77-9 95
5		Azuleno(2,1-b)thiophene	184 C12H8S	000248-13-5 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111725.D
Acq On : 26 Dec 2018 20:36
Operator : JU/SJ
Sample : J6520-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-165

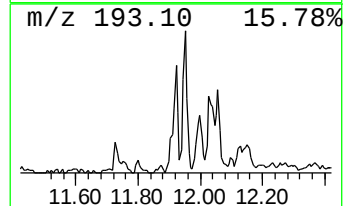
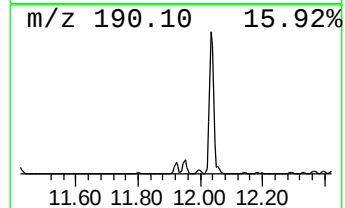
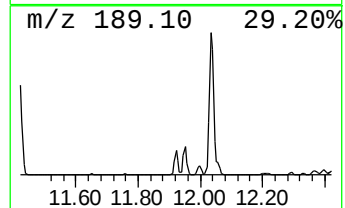
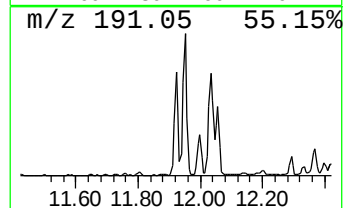
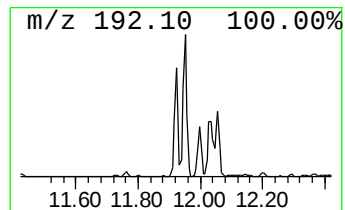
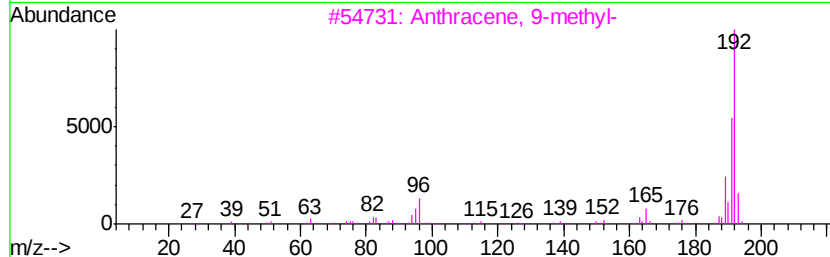
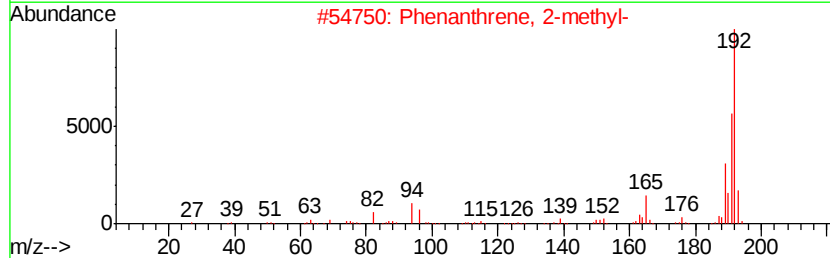
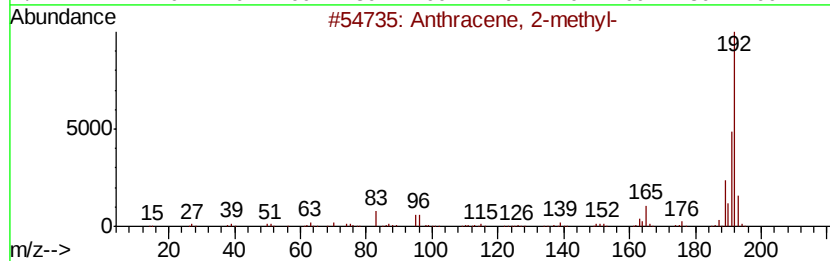
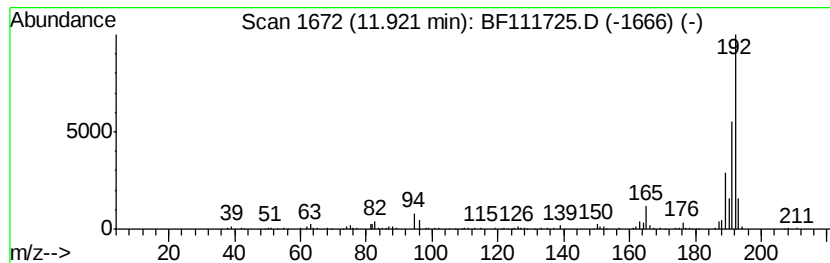
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.75 ng	289168	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Sample : J6520-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

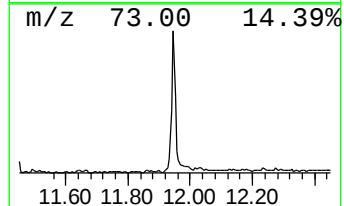
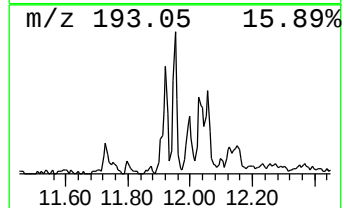
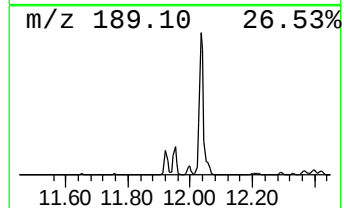
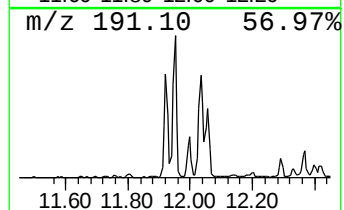
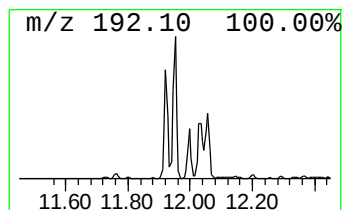
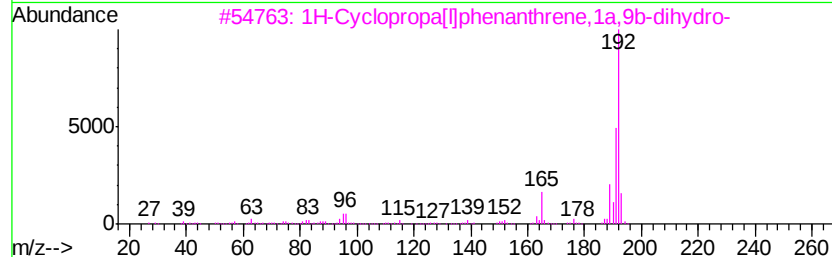
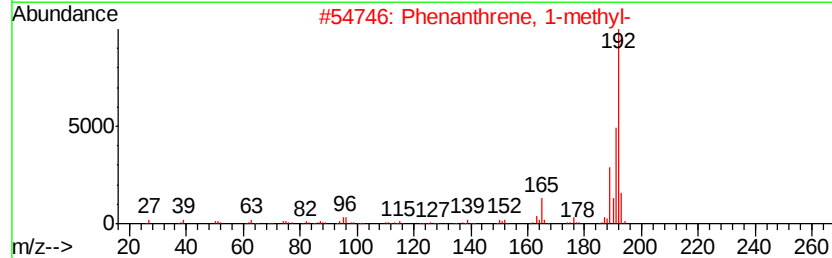
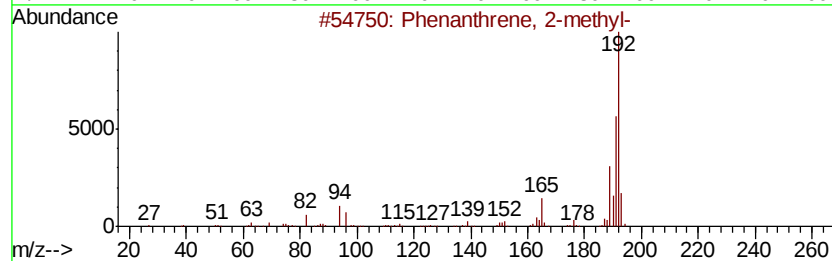
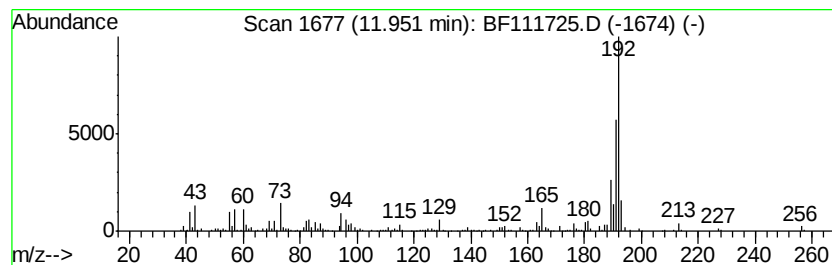
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.95	9.01 ng	695105	Phenanthrene-d10		11.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111725.D
Acq On : 26 Dec 2018 20:36
Operator : JU/SJ
Sample : J6520-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

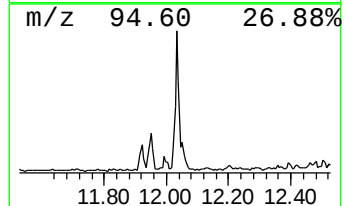
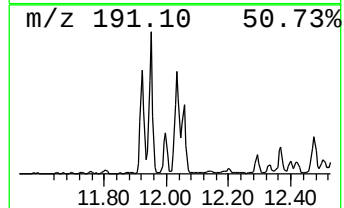
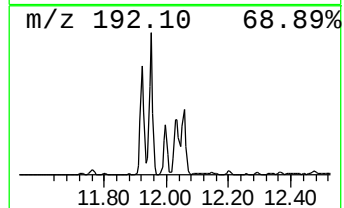
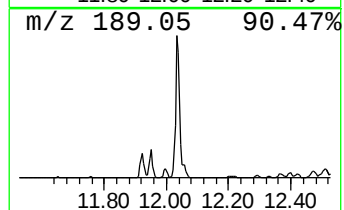
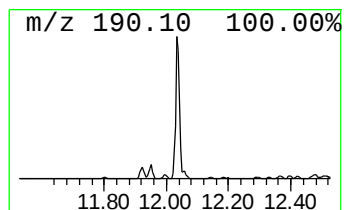
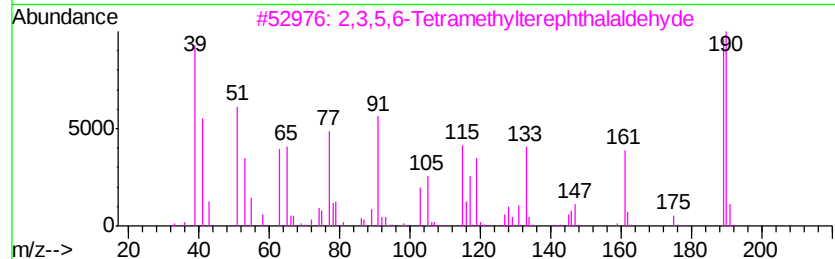
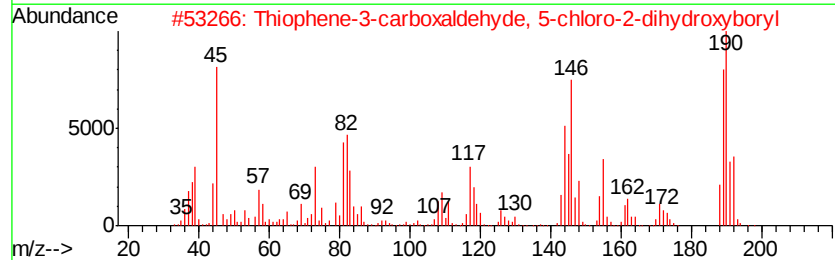
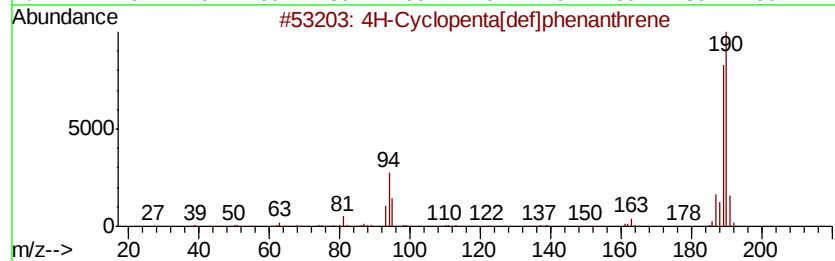
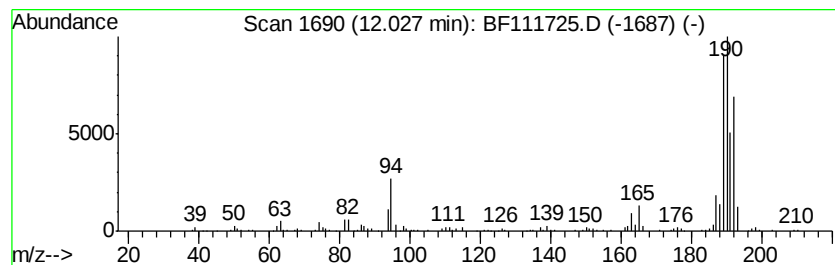
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.03	9.49 ng	732474	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
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		Methyl diselenide	190	C2H6Se2	007101-31-7	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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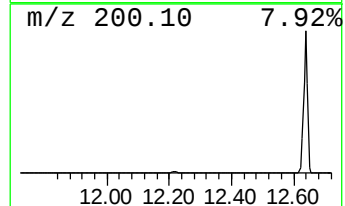
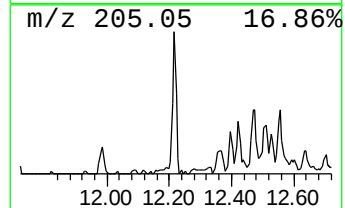
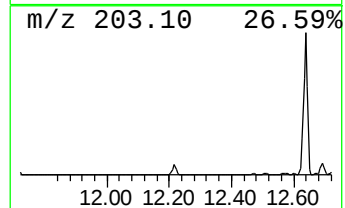
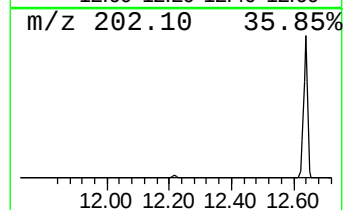
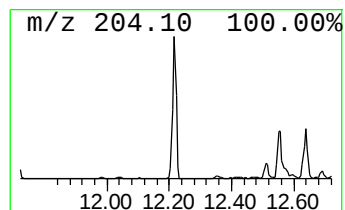
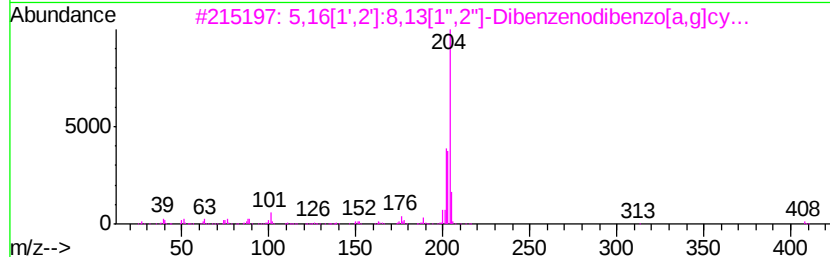
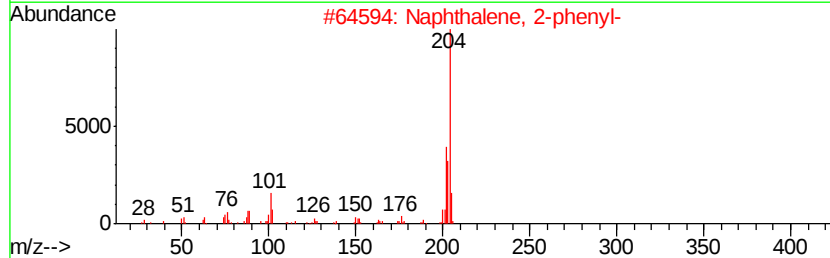
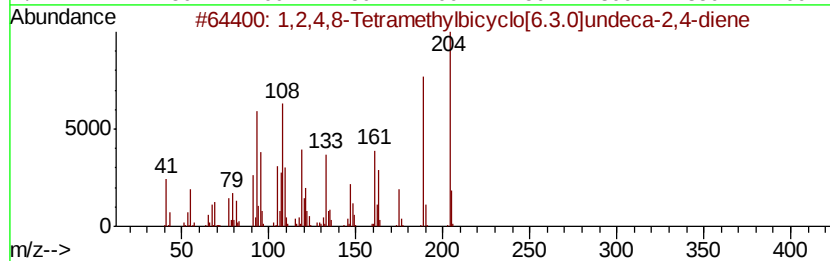
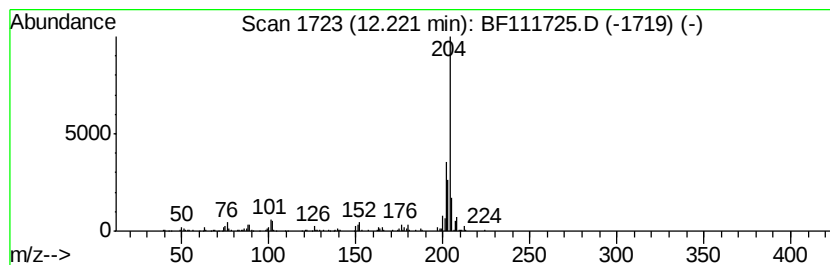
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.36 ng	259575	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		5,16[1',2']-8,13[1'',2'']-Dibenz[1,2-b:4,5-b']-Diphenyl-1,3,5-trisubstituted	408	C32H24	005672-97-9	78
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	64
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



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ALS Vial : 7 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 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.76 ng	212793	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	52

