

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
 Data File : BF120501.D
 Acq On : 2 Jun 2020 18:08
 Operator : JU/CG
 Sample : L2783-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOT-11

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-BF052820.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	1.963	10	13	17	rBV	75932	84689	1.73%	0.130%
2	2.069	26	31	37	rBV	964433	1223934	24.95%	1.878%
3	5.463	604	608	611	rBV	2367732	2049070	41.77%	3.144%
4	6.475	776	780	791	rVB	2131218	2013853	41.05%	3.090%
5	6.675	811	814	819	rBV	51985	61976	1.26%	0.095%
6	6.845	839	843	846	rBV	961596	732371	14.93%	1.124%
7	7.004	866	870	873	rBV	2006172	1849750	37.71%	2.838%
8	7.404	934	938	941	rBV	1626619	1277055	26.03%	1.959%
9	8.128	1057	1061	1063	rBV	1076782	842512	17.17%	1.293%
10	8.145	1063	1064	1069	rVB	99414	73711	1.50%	0.113%
11	9.204	1240	1244	1247	rBV	2763042	2419955	49.33%	3.713%
12	9.316	1259	1263	1266	rVB	82236	88485	1.80%	0.136%
13	9.592	1307	1310	1314	rVB	487195	354644	7.23%	0.544%
14	9.739	1333	1335	1339	rVB	114349	102048	2.08%	0.157%
15	9.880	1356	1359	1362	rVV	1164722	923999	18.84%	1.418%
16	9.916	1362	1365	1368	rVB	389279	315212	6.43%	0.484%
17	10.086	1389	1394	1398	rBV	161510	146928	3.00%	0.225%
18	10.427	1449	1452	1457	rBV	347511	285495	5.82%	0.438%
19	10.586	1477	1479	1482	rVB	82081	63805	1.30%	0.098%
20	10.669	1489	1493	1497	rBV	1850280	1628191	33.19%	2.498%
21	10.792	1509	1514	1521	rVB5	61145	87784	1.79%	0.135%
22	10.974	1538	1545	1548	rBV4	86273	117661	2.40%	0.181%
23	11.104	1563	1567	1569	rBV3	57785	68315	1.39%	0.105%
24	11.127	1569	1571	1575	rVV	74680	73869	1.51%	0.113%
25	11.174	1575	1579	1583	rVB	117870	121126	2.47%	0.186%
26	11.227	1583	1588	1592	rBV4	66197	128872	2.63%	0.198%
27	11.263	1592	1594	1600	rVB	200145	167225	3.41%	0.257%
28	11.369	1608	1612	1614	rBV	1229006	1100326	22.43%	1.688%
29	11.398	1614	1617	1620	rVV	2826283	2583386	52.66%	3.963%
30	11.445	1622	1625	1628	rVV	1110293	865698	17.65%	1.328%
31	11.474	1628	1630	1634	rVV2	90115	82273	1.68%	0.126%
32	11.598	1645	1651	1653	rBV2	408759	411173	8.38%	0.631%
33	11.663	1659	1662	1665	rBV3	92271	76232	1.55%	0.117%
34	11.698	1665	1668	1672	rVB3	76882	71988	1.47%	0.110%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.868	1691	1697	1700	rBV	433269	423350	8.63%	0.649%
36	11.898	1700	1702	1706	rVB	646260	512616	10.45%	0.786%
37	11.945	1706	1710	1713	rBV	320178	264762	5.40%	0.406%
38	11.986	1713	1717	1719	rVV	742129	814427	16.60%	1.249%
39	12.004	1719	1720	1724	rVB	307026	192254	3.92%	0.295%
40	12.045	1724	1727	1730	rBV3	58281	69411	1.41%	0.106%
41	12.074	1730	1732	1734	rVB2	76512	61731	1.26%	0.095%
42	12.127	1739	1741	1744	rVV2	41533	51030	1.04%	0.078%
43	12.163	1744	1747	1750	rVV	329910	323915	6.60%	0.497%
44	12.192	1750	1752	1755	rVB	211106	175210	3.57%	0.269%
45	12.316	1770	1773	1776	rVB	108108	79485	1.62%	0.122%
46	12.345	1776	1778	1780	rBV	90241	68881	1.40%	0.106%
47	12.368	1780	1782	1785	rVB	94576	70488	1.44%	0.108%
48	12.421	1787	1791	1794	rBV	234560	260835	5.32%	0.400%
49	12.457	1794	1797	1799	rVV	152245	152955	3.12%	0.235%
50	12.480	1799	1801	1803	rVB	76412	53213	1.08%	0.082%
51	12.504	1803	1805	1811	rVB2	206867	238839	4.87%	0.366%
52	12.592	1815	1820	1823	rBV	4372987	4380730	89.30%	6.721%
53	12.627	1823	1826	1827	rBV	68520	52517	1.07%	0.081%
54	12.645	1827	1829	1832	rVB	118830	102713	2.09%	0.158%
55	12.674	1832	1834	1837	rVB	84759	73630	1.50%	0.113%
56	12.733	1837	1844	1848	rBV2	197605	376197	7.67%	0.577%
57	12.821	1852	1859	1863	rBV2	3824026	4905665	100.00%	7.526%
58	12.863	1863	1866	1870	rVB2	224165	229090	4.67%	0.351%
59	12.933	1874	1878	1879	rBV	303610	307584	6.27%	0.472%
60	12.957	1879	1882	1889	rVB	3378776	3170145	64.62%	4.863%
61	13.033	1889	1895	1898	rBV2	336846	576138	11.74%	0.884%
62	13.063	1898	1900	1902	rVB	133944	98960	2.02%	0.152%
63	13.115	1902	1909	1911	rBV7	282897	429423	8.75%	0.659%
64	13.145	1911	1914	1916	rVB	841027	805211	16.41%	1.235%
65	13.186	1916	1921	1922	rBV3	78763	119836	2.44%	0.184%
66	13.210	1922	1925	1927	rBV	741099	600464	12.24%	0.921%
67	13.245	1927	1931	1934	rBV2	510841	537913	10.97%	0.825%
68	13.268	1934	1935	1938	rVB2	155380	124078	2.53%	0.190%
69	13.304	1938	1941	1943	rBV	119251	112044	2.28%	0.172%
70	13.339	1944	1947	1949	rBV	224193	185723	3.79%	0.285%
71	13.368	1949	1952	1956	rBV2	265658	267309	5.45%	0.410%

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72	13.527	1975	1979	1980	rBV2	119786	163125	3.33%	0.250%
73	13.545	1980	1982	1983	rVV	73985	59664	1.22%	0.092%
74	13.621	1992	1995	1997	rBV3	129722	155779	3.18%	0.239%
75	13.645	1997	1999	2004	rVB	313954	383267	7.81%	0.588%
76	13.762	2015	2019	2021	rBV3	426826	513034	10.46%	0.787%
77	13.786	2021	2023	2025	rVV	441581	392105	7.99%	0.602%
78	13.810	2025	2027	2032	rVV2	336003	533099	10.87%	0.818%
79	13.857	2032	2035	2042	rVB2	569076	777550	15.85%	1.193%
80	14.010	2054	2061	2064	rBV2	2729643	4234294	86.31%	6.496%
81	14.045	2064	2067	2072	rVB	2195230	2210311	45.06%	3.391%
82	14.121	2077	2080	2083	rVV	476256	400608	8.17%	0.615%
83	14.198	2091	2093	2096	rVB	251432	224149	4.57%	0.344%
84	14.233	2096	2099	2103	rBV2	278269	337653	6.88%	0.518%
85	14.362	2119	2121	2123	rBV	144428	106227	2.17%	0.163%
86	14.398	2123	2127	2130	rVV	497891	493959	10.07%	0.758%
87	14.433	2130	2133	2136	rVB2	206636	199696	4.07%	0.306%
88	14.521	2146	2148	2150	rVV	177539	141332	2.88%	0.217%
89	14.545	2150	2152	2155	rVB2	296206	242114	4.94%	0.371%
90	14.927	2215	2217	2220	rVB2	166040	141476	2.88%	0.217%
91	15.057	2234	2239	2242	rBV	1561560	2639188	53.80%	4.049%
92	15.162	2253	2257	2267	rVB2	482449	790719	16.12%	1.213%
93	15.356	2286	2290	2295	rVB	928308	1218682	24.84%	1.870%
94	15.421	2296	2301	2306	rBV	1279080	1698452	34.62%	2.606%
95	15.480	2307	2311	2313	rVV	685389	868721	17.71%	1.333%
96	15.509	2313	2316	2322	rVB2	436899	602288	12.28%	0.924%
97	16.939	2554	2559	2567	rVB2	550669	1058852	21.58%	1.624%
98	17.386	2629	2635	2644	rVB	395979	833895	17.00%	1.279%

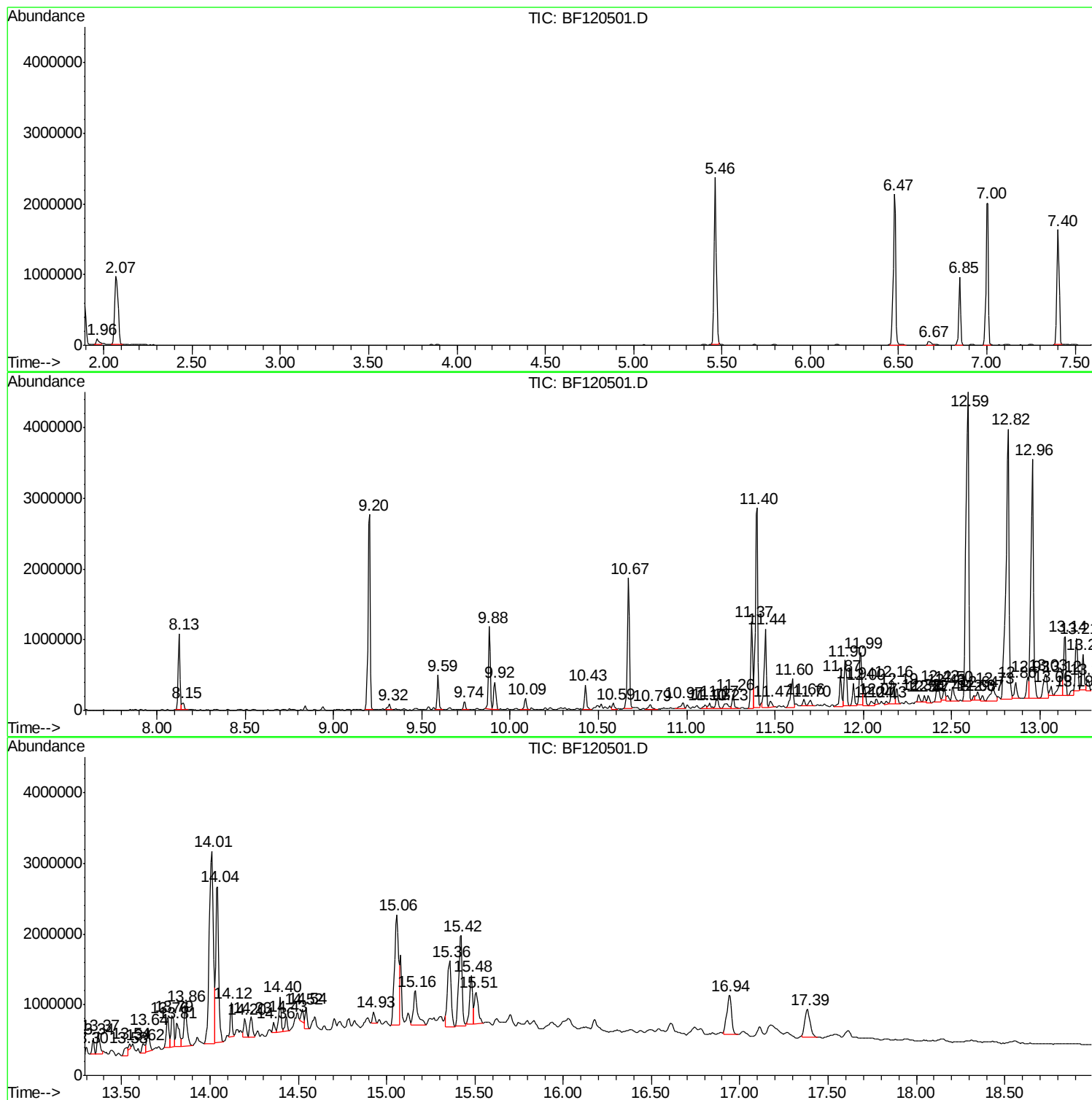
Sum of corrected areas: 65182622

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.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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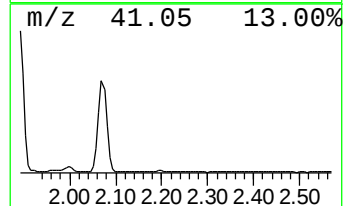
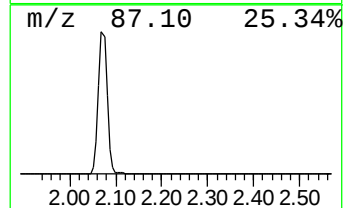
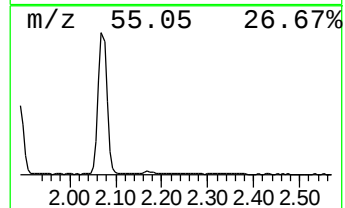
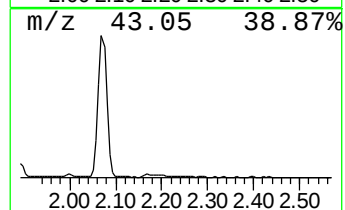
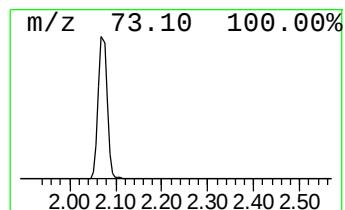
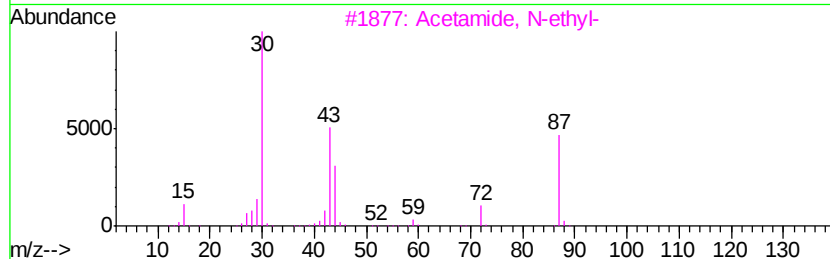
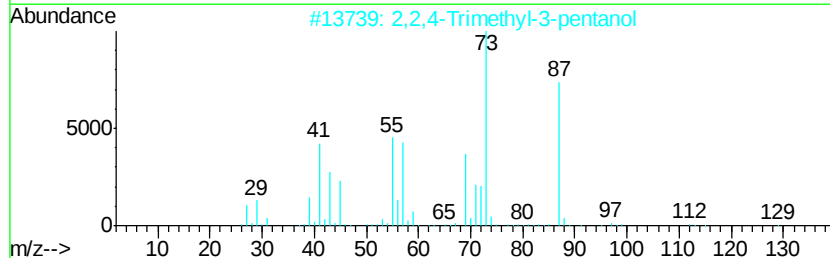
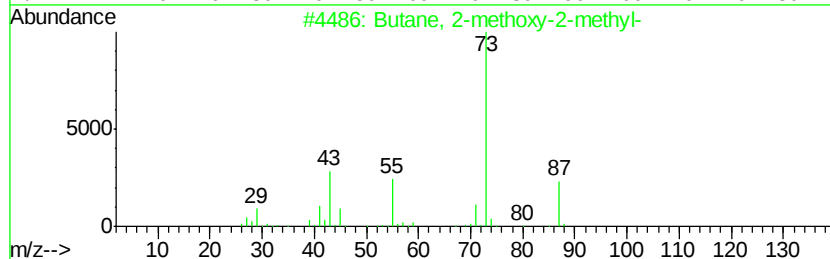
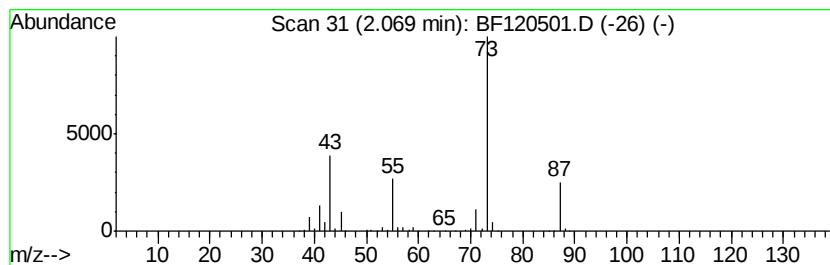
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	33.42 ng	1223930	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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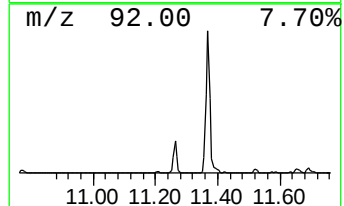
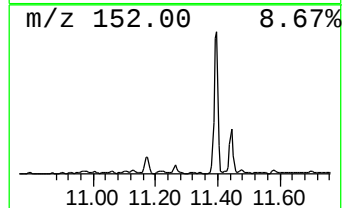
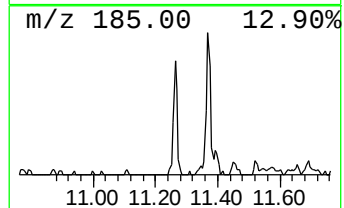
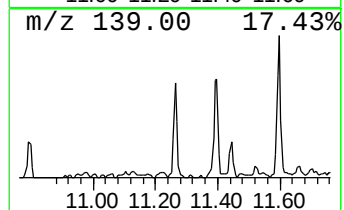
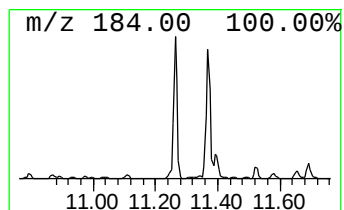
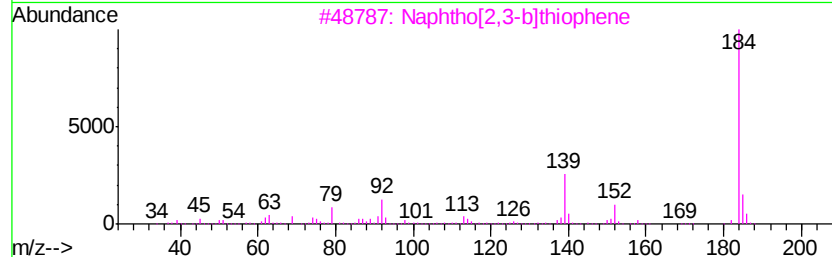
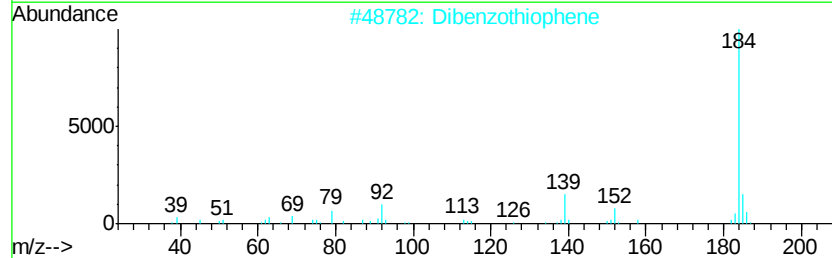
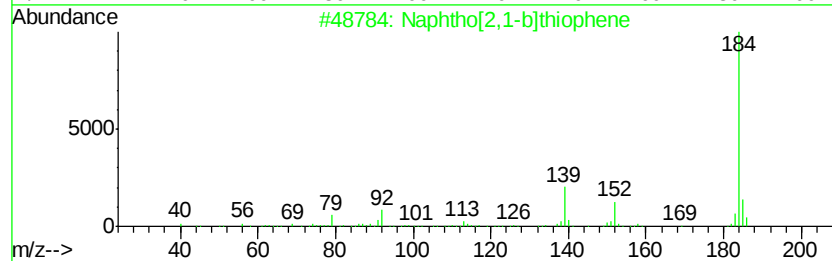
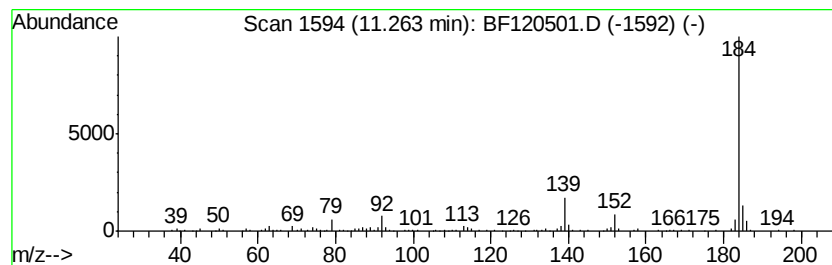
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.04 ng	167225	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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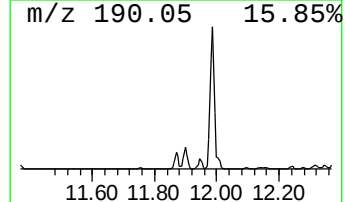
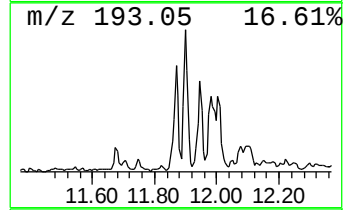
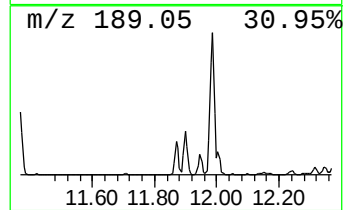
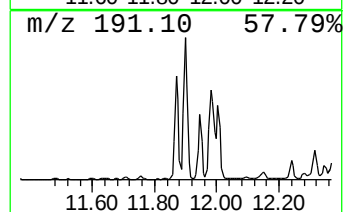
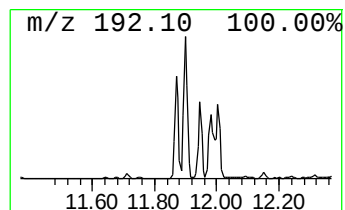
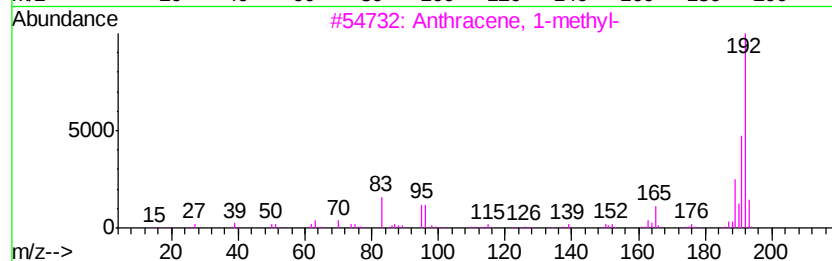
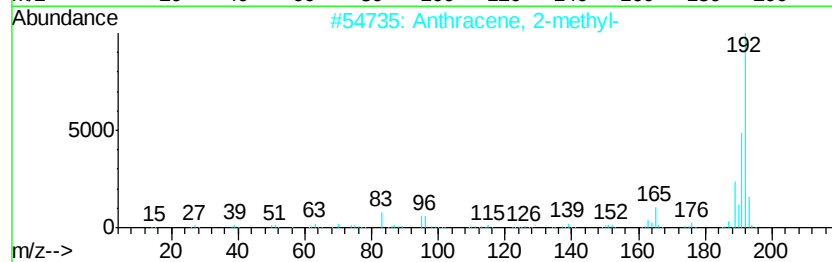
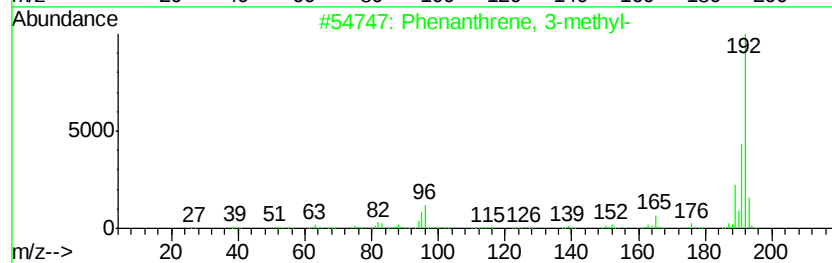
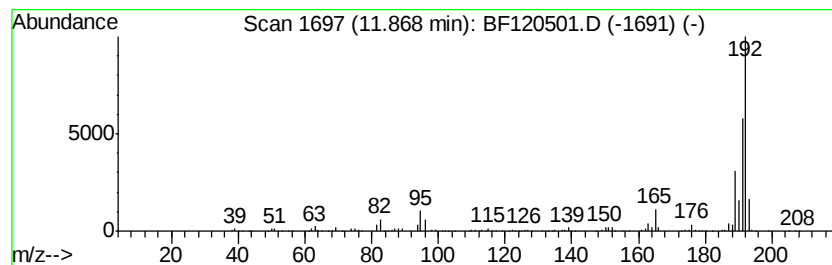
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Peak Number 4 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.69 ng	423350	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



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Acq On : 2 Jun 2020 18:08
Operator : JU/CG
Sample : L2783-01
Misc :
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Instrument :
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ClientSampleId :
LOT-11

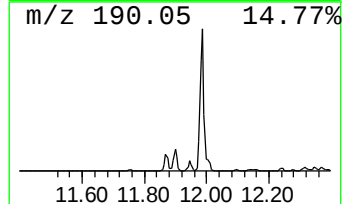
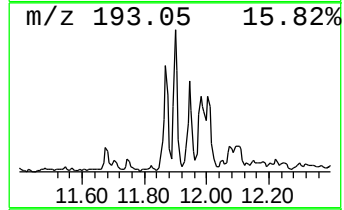
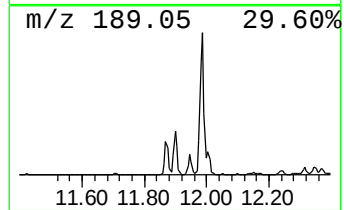
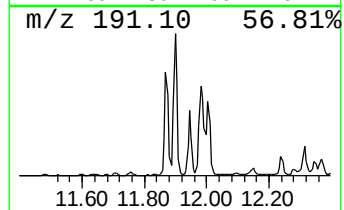
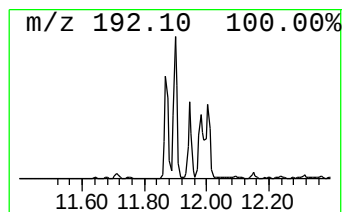
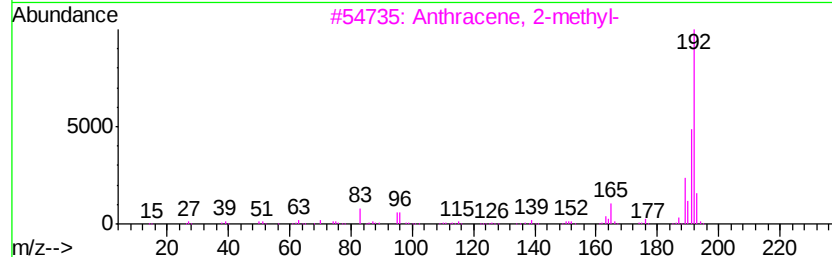
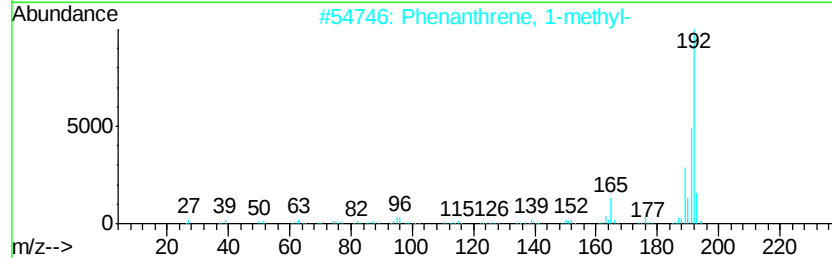
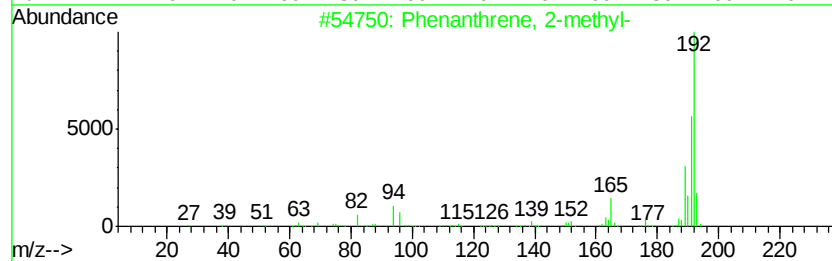
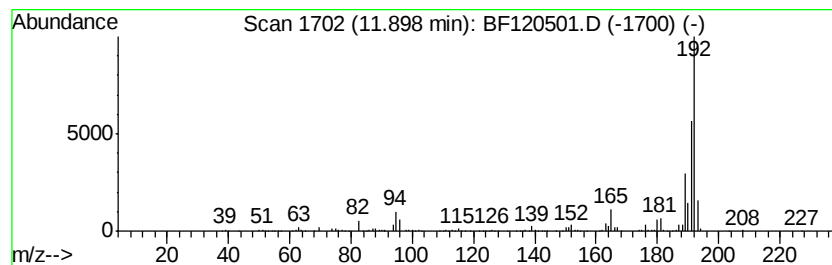
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.32 ng	512616	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120501.D
Acq On : 2 Jun 2020 18:08
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Sample : L2783-01
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ALS Vial : 18 Sample Multiplier: 1

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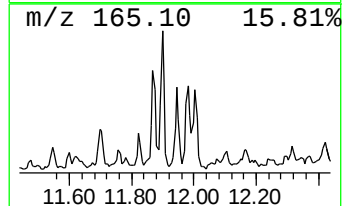
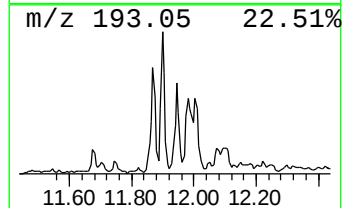
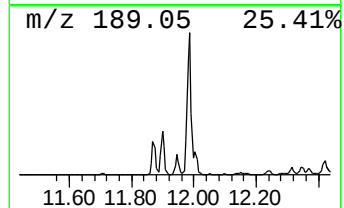
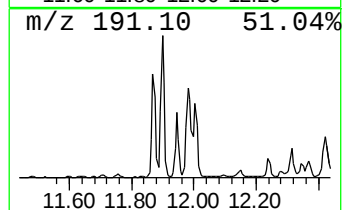
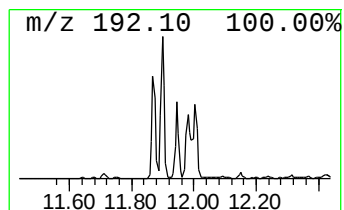
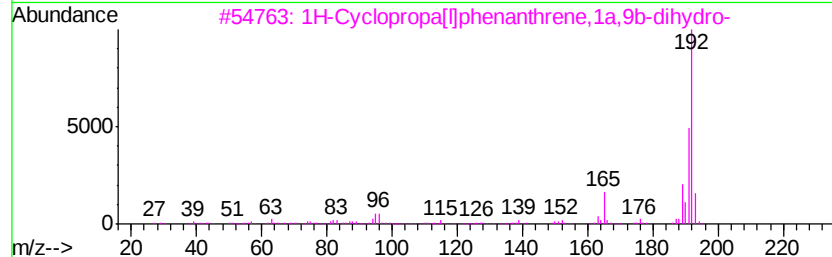
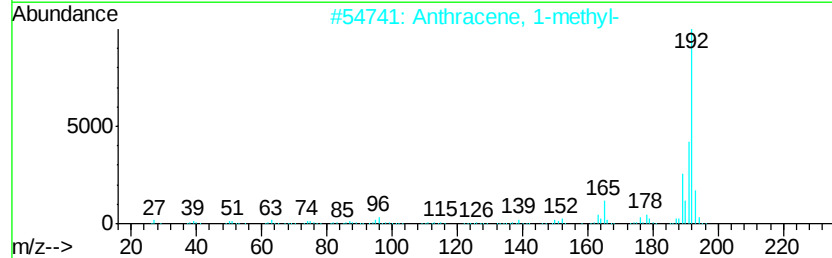
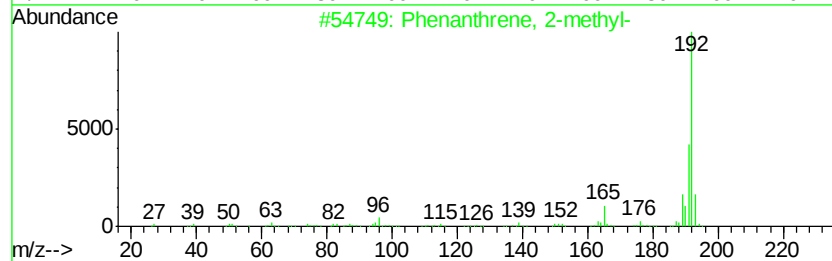
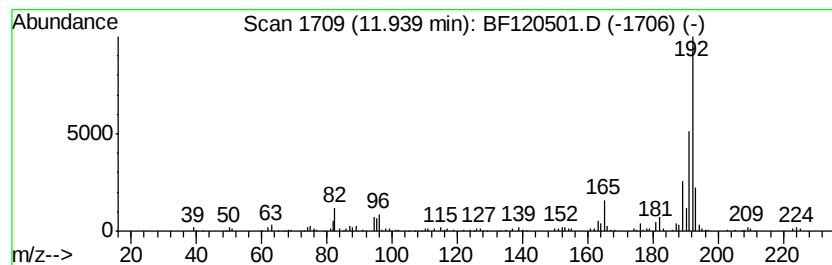
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.81 ng	264762	Phenanthrene-d10	11.37

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120501.D
Acq On : 2 Jun 2020 18:08
Operator : JU/CG
Sample : L2783-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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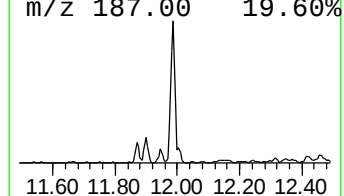
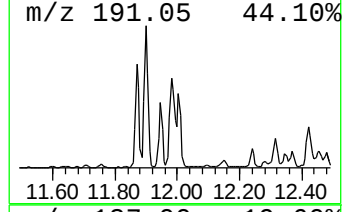
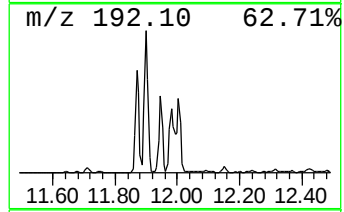
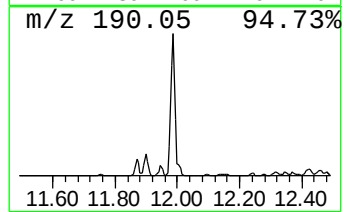
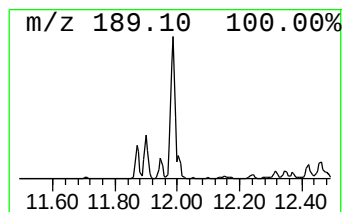
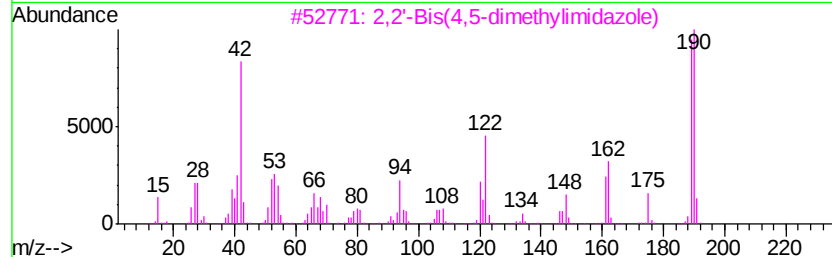
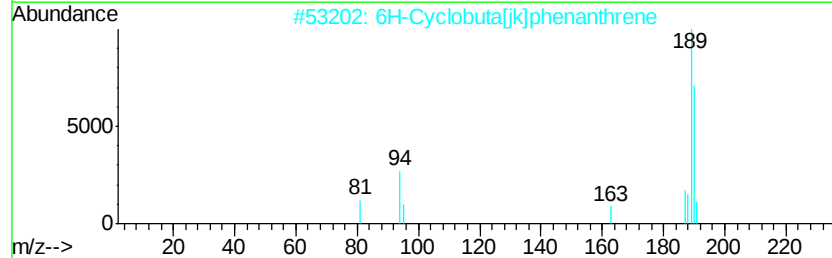
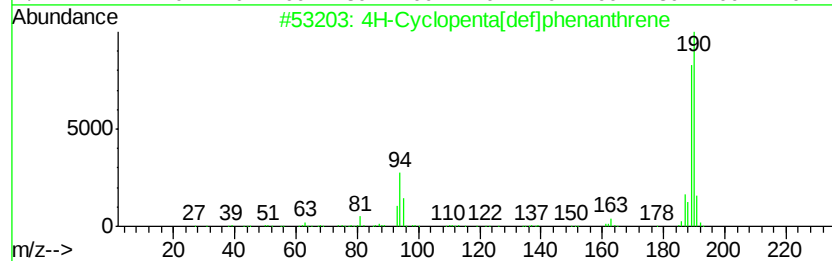
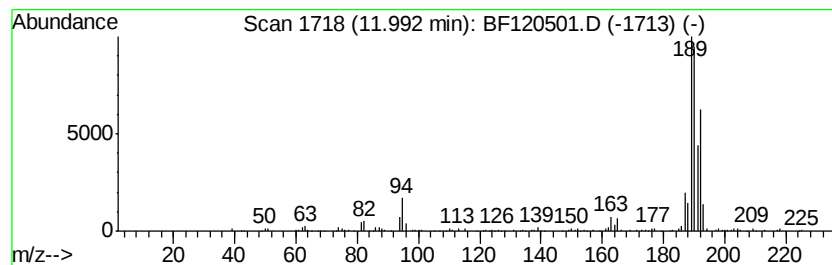
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	14.80 ng	814427	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.49 ng	192254	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76

