

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102201.D
 Acq On : 18 Jan 2018 19:40
 Operator : SJ/JU
 Sample : J1187-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-9(0-5)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	5.322	546	550	553	rBV	2035002	1853964	19.41%	1.551%
2	6.351	721	725	730	rBV	1895600	1905878	19.95%	1.594%
3	6.487	744	748	751	rBV	2341951	1927208	20.17%	1.612%
4	6.722	784	788	791	rBV	1095596	929509	9.73%	0.778%
5	6.875	810	814	817	rBV	1870615	1500190	15.70%	1.255%
6	7.281	879	883	886	rBV	1232523	1130758	11.84%	0.946%
7	8.004	1000	1006	1008	rBV	1470045	1285482	13.46%	1.075%
8	8.022	1008	1009	1013	rVB	649327	423030	4.43%	0.354%
9	8.716	1123	1127	1130	rBV	336357	262712	2.75%	0.220%
10	8.810	1140	1143	1147	rVB	253068	219341	2.30%	0.183%
11	9.080	1184	1189	1192	rBV	2175241	1880908	19.69%	1.573%
12	9.416	1242	1246	1248	rBV	220809	213631	2.24%	0.179%
13	9.475	1253	1256	1259	rVV	284309	226839	2.37%	0.190%
14	9.616	1277	1280	1285	rVB	344435	267958	2.80%	0.224%
15	9.757	1297	1304	1306	rBV	1394382	1261209	13.20%	1.055%
16	9.786	1306	1309	1313	rVV	1591090	1404537	14.70%	1.175%
17	9.957	1334	1338	1342	rVV	757770	693773	7.26%	0.580%
18	10.304	1393	1397	1400	rVV	1498698	1286143	13.46%	1.076%
19	10.386	1409	1411	1413	rVV	275322	221054	2.31%	0.185%
20	10.457	1421	1423	1427	rVB	332599	273977	2.87%	0.229%
21	10.539	1432	1437	1441	rVV	1302870	1284500	13.45%	1.074%
22	10.663	1455	1458	1466	rVB2	214646	247000	2.59%	0.207%
23	10.851	1483	1490	1492	rBV3	275470	422426	4.42%	0.353%
24	10.974	1506	1511	1513	rBV3	150838	211639	2.22%	0.177%
25	10.998	1513	1515	1517	rVV2	209698	181895	1.90%	0.152%
26	11.045	1520	1523	1527	rVV	400055	353940	3.70%	0.296%
27	11.098	1527	1532	1535	rVV3	242274	393162	4.12%	0.329%
28	11.133	1535	1538	1544	rVB	605845	567980	5.95%	0.475%
29	11.245	1552	1557	1558	rBV	836727	968856	10.14%	0.810%
30	11.280	1558	1563	1565	rVV	5684964	7104967	74.37%	5.943%
31	11.322	1565	1570	1572	rVV	3056043	2742099	28.70%	2.294%
32	11.351	1572	1575	1578	rVB	327174	313119	3.28%	0.262%
33	11.451	1589	1592	1593	rBV	227544	188917	1.98%	0.158%
34	11.474	1593	1596	1599	rVV	1172911	1023394	10.71%	0.856%

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35	11.533	1603	1606	1609	rVV3	310558	255493	2.67%	0.214%
36	11.569	1609	1612	1616	rVB3	238309	222528	2.33%	0.186%
37	11.739	1637	1641	1644	rVV	1059084	1038642	10.87%	0.869%
38	11.769	1644	1646	1650	rVB	1530417	1251859	13.10%	1.047%
39	11.816	1651	1654	1657	rVV	607969	589818	6.17%	0.493%
40	11.857	1657	1661	1663	rVV	1975627	2154133	22.55%	1.802%
41	11.874	1663	1664	1668	rVB	792332	534045	5.59%	0.447%
42	12.039	1689	1692	1694	rVV	824384	772526	8.09%	0.646%
43	12.063	1694	1696	1699	rVB	603751	527915	5.53%	0.442%
44	12.180	1711	1716	1720	rBV2	240923	306514	3.21%	0.256%
45	12.292	1731	1735	1737	rBV	496744	579214	6.06%	0.484%
46	12.327	1737	1741	1744	rVV3	329183	460449	4.82%	0.385%
47	12.386	1747	1751	1757	rBV2	519560	610205	6.39%	0.510%
48	12.474	1758	1766	1768	rBV	5630369	8775672	91.86%	7.341%
49	12.604	1784	1788	1790	rBV2	500910	487686	5.10%	0.408%
50	12.704	1797	1805	1808	rBV3	5332027	9553694	100.00%	7.991%
51	12.733	1808	1810	1815	rVB2	559029	536516	5.62%	0.449%
52	12.804	1818	1822	1823	rBV	697652	688148	7.20%	0.576%
53	12.827	1823	1826	1827	rBV	971979	777681	8.14%	0.651%
54	12.904	1833	1839	1842	rBV2	688175	1164128	12.19%	0.974%
55	12.933	1842	1844	1846	rVV	306684	239270	2.50%	0.200%
56	12.986	1850	1853	1855	rVV3	645083	799669	8.37%	0.669%
57	13.016	1855	1858	1860	rVB	1646503	1503012	15.73%	1.257%
58	13.045	1860	1863	1865	rBV2	152070	178970	1.87%	0.150%
59	13.080	1865	1869	1871	rVV	1524284	1349458	14.12%	1.129%
60	13.116	1871	1875	1877	rVV2	1068562	1170851	12.26%	0.979%
61	13.139	1877	1879	1882	rVB	540452	452733	4.74%	0.379%
62	13.168	1882	1884	1887	rBV	231979	190894	2.00%	0.160%
63	13.204	1887	1890	1893	rVB	529685	457240	4.79%	0.382%
64	13.233	1893	1895	1899	rBV2	534996	574586	6.01%	0.481%
65	13.433	1926	1929	1931	rVB	274411	263764	2.76%	0.221%
66	13.492	1936	1939	1940	rBV	259177	242299	2.54%	0.203%
67	13.515	1940	1943	1948	rVB	632679	704096	7.37%	0.589%
68	13.627	1958	1962	1964	rBV	893980	912512	9.55%	0.763%
69	13.657	1964	1967	1969	rVV	983663	1005370	10.52%	0.841%
70	13.680	1969	1971	1976	rVV2	874026	1272796	13.32%	1.065%
71	13.727	1976	1979	1983	rVB	751022	793971	8.31%	0.664%

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72	13.886	1997	2006	2008	rBV2	3638226	7015233	73.43%	5.868%
73	13.921	2008	2012	2018	rVV	3811917	4785482	50.09%	4.003%
74	13.992	2018	2024	2028	rVV	1257772	1410500	14.76%	1.180%
75	14.027	2028	2030	2031	rVV	329573	309572	3.24%	0.259%
76	14.074	2035	2038	2040	rVV	486162	557133	5.83%	0.466%
77	14.092	2040	2041	2042	rVV	444360	293655	3.07%	0.246%
78	14.110	2042	2044	2046	rVV	535127	471571	4.94%	0.394%
79	14.139	2046	2049	2051	rVB	203321	195533	2.05%	0.164%
80	14.227	2061	2064	2066	rBV2	353469	337891	3.54%	0.283%
81	14.268	2066	2071	2073	rVV	862693	888706	9.30%	0.743%
82	14.298	2073	2076	2080	rVB2	489014	442195	4.63%	0.370%
83	14.362	2083	2087	2089	rVB2	469588	546913	5.72%	0.457%
84	14.392	2089	2092	2093	rBV	537837	451850	4.73%	0.378%
85	14.410	2093	2095	2098	rVB	704119	612505	6.41%	0.512%
86	14.568	2119	2122	2125	rBV2	345183	413613	4.33%	0.346%
87	14.745	2149	2152	2156	rBV2	273755	347582	3.64%	0.291%
88	14.915	2173	2181	2184	rBV	2695420	5822963	60.95%	4.871%
89	15.004	2193	2196	2199	rVB	757534	763574	7.99%	0.639%
90	15.198	2224	2229	2234	rVB	1651646	2510878	26.28%	2.100%
91	15.268	2234	2241	2244	rVB	2569211	3637166	38.07%	3.042%
92	15.309	2244	2248	2250	rBV	526080	648281	6.79%	0.542%
93	15.345	2250	2254	2259	rVB2	1026243	1344091	14.07%	1.124%
94	15.839	2335	2338	2345	rVB	232746	281720	2.95%	0.236%
95	16.715	2479	2487	2492	rVB2	1126637	2312471	24.20%	1.934%
96	16.862	2507	2512	2516	rBV	240574	422491	4.42%	0.353%
97	16.915	2517	2521	2526	rVV2	203628	341409	3.57%	0.286%
98	17.133	2550	2558	2570	rVB	813739	1969567	20.62%	1.647%
99	17.345	2589	2594	2606	rVB3	309976	714104	7.47%	0.597%
100	19.192	2900	2908	2914	rBV5	359919	1131739	11.85%	0.947%

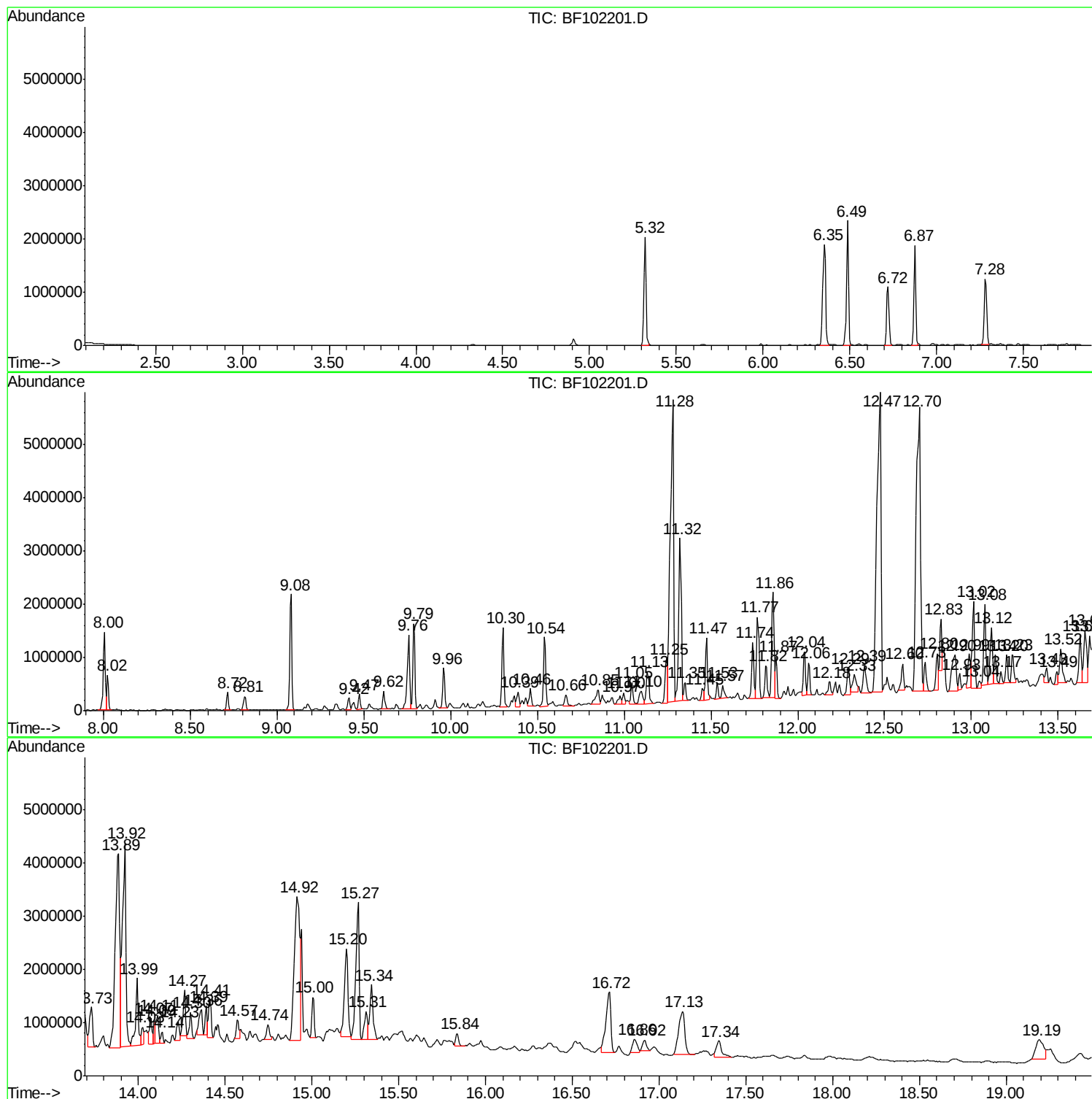
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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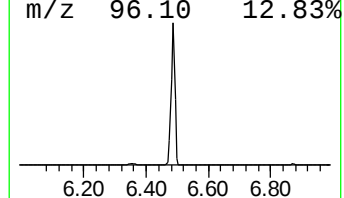
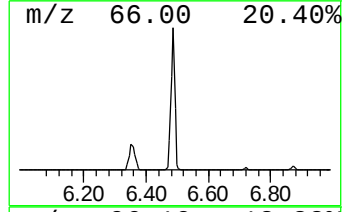
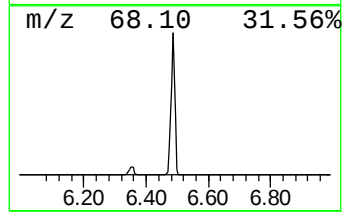
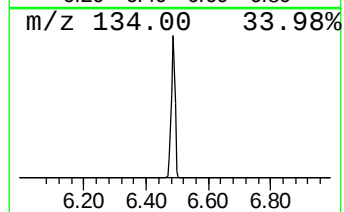
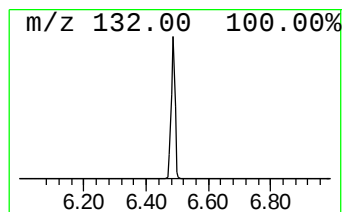
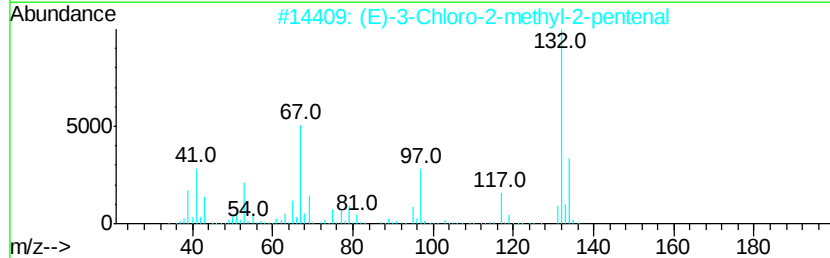
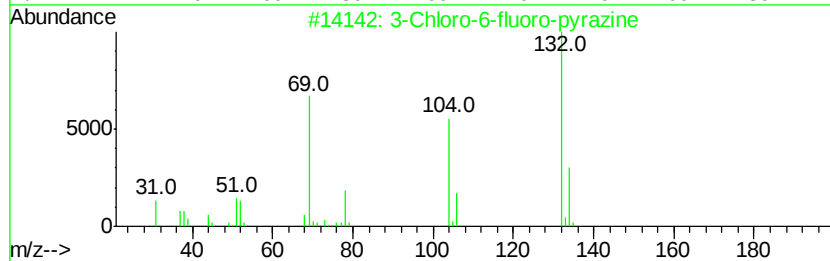
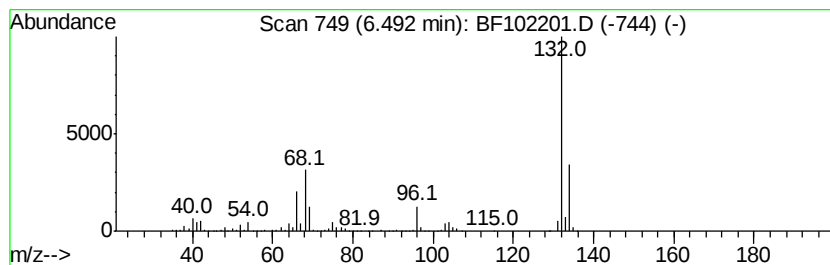
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	41.47 ng	1927210	1,4-Dichlorobenzene-d4	6.72

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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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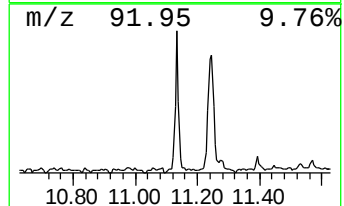
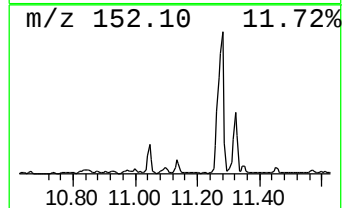
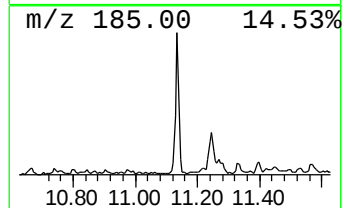
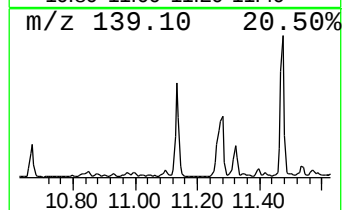
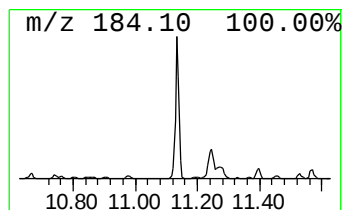
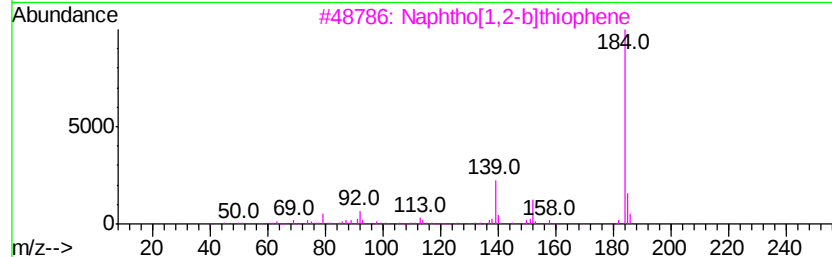
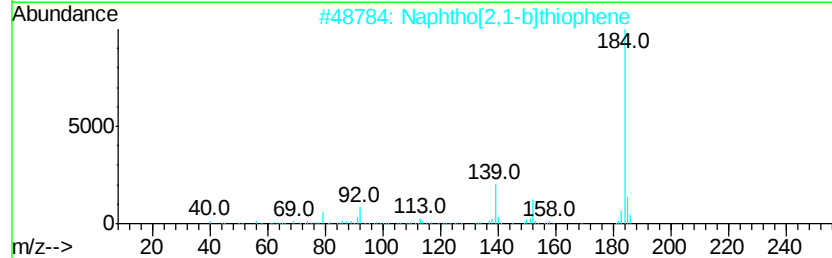
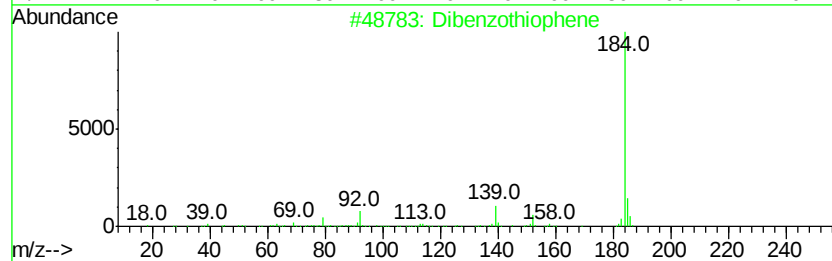
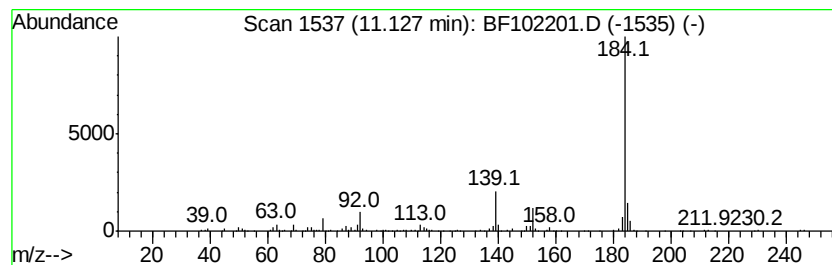
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	11.72 ng	567980	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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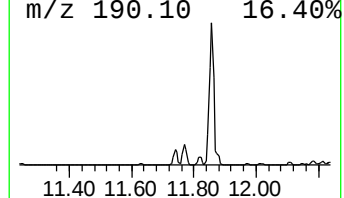
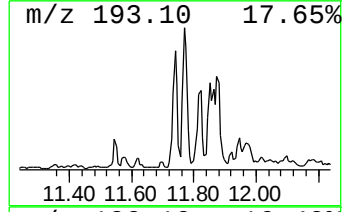
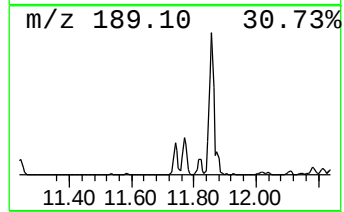
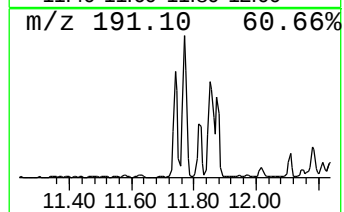
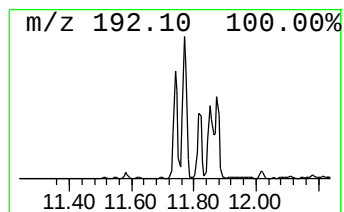
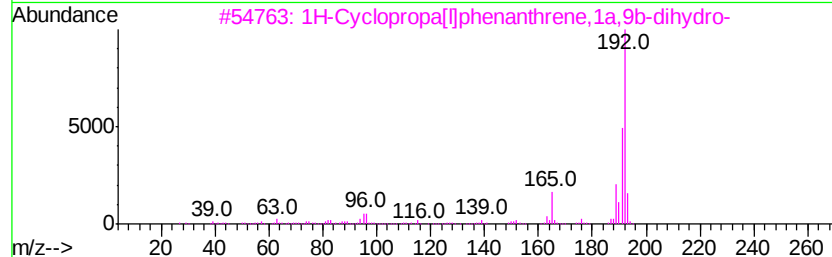
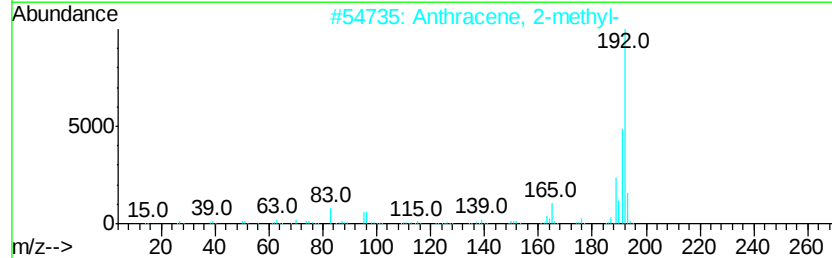
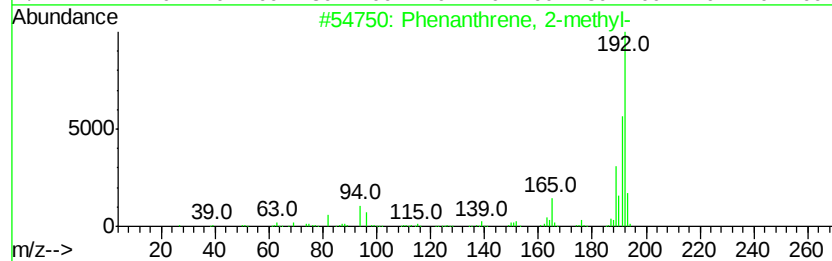
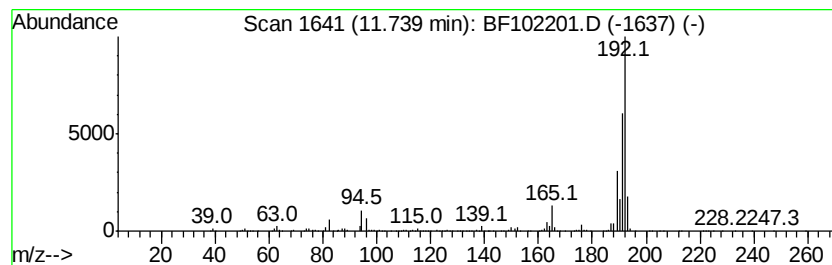
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	21.44 ng	1038640	Phenanthrene-d10	11.25

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		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
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Operator : SJ/JU
Sample : J1187-09 2X
Misc :
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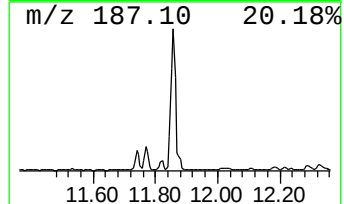
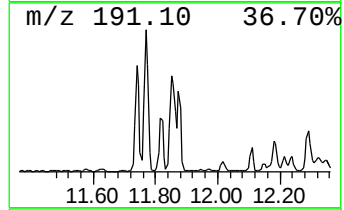
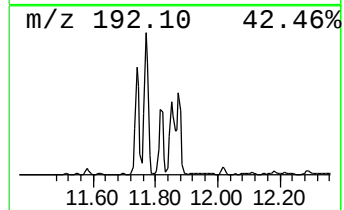
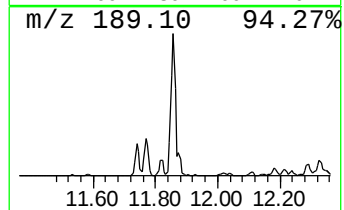
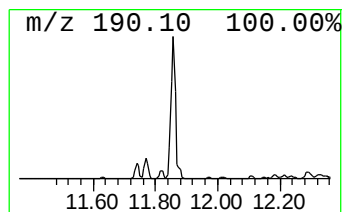
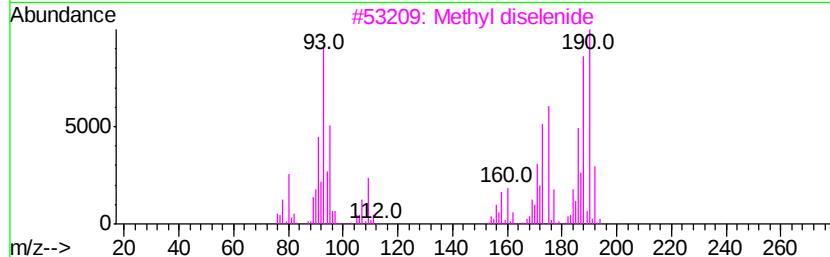
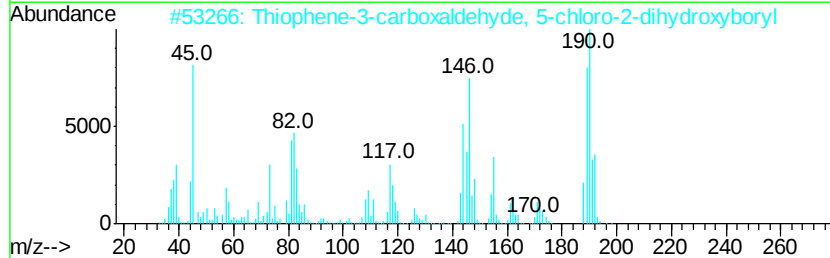
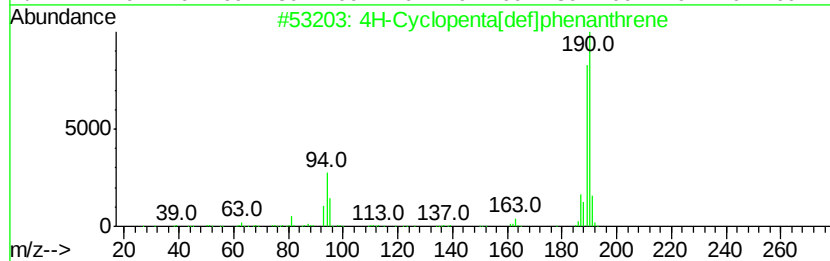
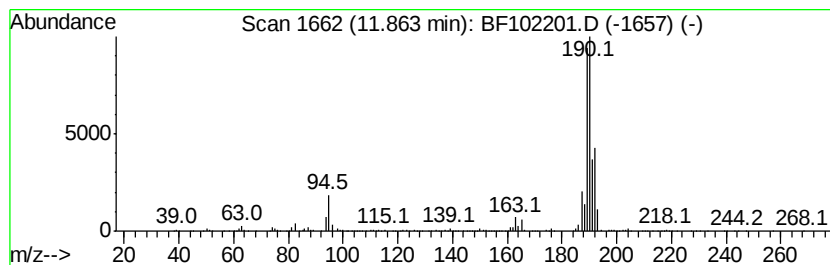
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	44.47 ng	2154130	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cvclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102201.D
Acq On : 18 Jan 2018 19:40
Operator : SJ/JU
Sample : J1187-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.02 ng	534045	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	80

