

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
 Data File : BF115175.D
 Acq On : 25 Jun 2019 3:54
 Operator : HP/JU
 Sample : K3482-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF062119.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	5.213	552	557	560	rBV	3804324	3746743	29.07%	1.838%
2	6.254	729	734	737	rBV	3653433	3980597	30.88%	1.952%
3	6.384	751	756	759	rBV	4272249	4157113	32.25%	2.039%
4	6.613	791	795	799	rVB	2007821	1599558	12.41%	0.785%
5	6.772	818	822	825	rBV	3415190	2954359	22.92%	1.449%
6	7.172	885	890	893	rBV	2904022	2520976	19.56%	1.236%
7	7.895	1009	1013	1015	rBV	2620199	2437498	18.91%	1.196%
8	7.913	1015	1016	1020	rVB	1193880	754329	5.85%	0.370%
9	8.601	1130	1133	1137	rVB	857039	761131	5.90%	0.373%
10	8.701	1147	1150	1154	rVB	820495	632798	4.91%	0.310%
11	8.972	1192	1196	1199	rVV	4304029	3670628	28.47%	1.800%
12	9.066	1209	1212	1216	rBV2	616075	581969	4.51%	0.285%
13	9.225	1236	1239	1243	rVV	597145	789677	6.13%	0.387%
14	9.301	1247	1252	1255	rBV	1161875	1177472	9.13%	0.578%
15	9.331	1255	1257	1260	rVV	793552	606063	4.70%	0.297%
16	9.366	1260	1263	1265	rVV	1562856	1189226	9.23%	0.583%
17	9.419	1269	1272	1279	rVB	607968	715290	5.55%	0.351%
18	9.501	1282	1286	1289	rBV	2644822	2184845	16.95%	1.072%
19	9.595	1300	1302	1305	rBV	589624	473011	3.67%	0.232%
20	9.642	1305	1310	1313	rBV2	2550644	2691820	20.88%	1.320%
21	9.842	1340	1344	1348	rVB	1786193	1567576	12.16%	0.769%
22	9.883	1348	1351	1354	rVB	735603	539926	4.19%	0.265%
23	9.960	1360	1364	1366	rBV	750433	742193	5.76%	0.364%
24	9.983	1366	1368	1375	rVB2	583304	529762	4.11%	0.260%
25	10.048	1375	1379	1381	rBV3	579158	796562	6.18%	0.391%
26	10.095	1384	1387	1389	rBV2	735088	597305	4.63%	0.293%
27	10.178	1399	1401	1405	rBV2	958655	935837	7.26%	0.459%
28	10.342	1426	1429	1431	rBV	1174290	926074	7.18%	0.454%
29	10.425	1438	1443	1447	rVB2	3549777	3977584	30.86%	1.951%
30	10.566	1459	1467	1468	rBV3	751094	1067750	8.28%	0.524%
31	10.860	1514	1517	1519	rBV	880254	857670	6.65%	0.421%
32	10.883	1519	1521	1523	rVV2	747301	701892	5.44%	0.344%
33	10.919	1525	1527	1532	rVB	1995644	1710954	13.27%	0.839%
34	10.972	1532	1536	1539	rBV	882951	1022260	7.93%	0.501%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.013	1539	1543	1546	rVV2	1332636	1333511	10.34%	0.654%
36	11.119	1556	1561	1562	rBV	2012870	2318622	17.99%	1.137%
37	11.148	1562	1566	1568	rVV	8757750	10172796	78.92%	4.990%
38	11.189	1568	1573	1575	rVV	2389740	2015731	15.64%	0.989%
39	11.225	1575	1579	1583	rVB3	382425	493224	3.83%	0.242%
40	11.342	1597	1599	1602	rVB	908792	663994	5.15%	0.326%
41	11.442	1613	1616	1619	rVB3	1107712	1180432	9.16%	0.579%
42	11.619	1639	1646	1648	rBV	2156958	2366716	18.36%	1.161%
43	11.642	1648	1650	1653	rVV	3257104	2747156	21.31%	1.347%
44	11.689	1656	1658	1661	rVB	952704	735971	5.71%	0.361%
45	11.724	1661	1664	1666	rBV	2350738	2357095	18.29%	1.156%
46	11.748	1666	1668	1671	rVB	1894336	1430442	11.10%	0.702%
47	11.842	1682	1684	1687	rVB	714855	573967	4.45%	0.282%
48	11.913	1693	1696	1697	rBV	1720005	1547994	12.01%	0.759%
49	11.930	1697	1699	1703	rVB	1778925	1394546	10.82%	0.684%
50	12.060	1715	1721	1724	rBV2	607125	784713	6.09%	0.385%
51	12.089	1724	1726	1728	rVB	757515	510008	3.96%	0.250%
52	12.113	1728	1730	1733	rVB	631348	483952	3.75%	0.237%
53	12.166	1734	1739	1741	rBV	1350611	1589674	12.33%	0.780%
54	12.201	1741	1745	1747	rVV	541798	846256	6.56%	0.415%
55	12.224	1747	1749	1750	rVV	794719	785305	6.09%	0.385%
56	12.248	1750	1753	1758	rVB2	2206644	2438137	18.91%	1.196%
57	12.336	1761	1768	1771	rBV	8746748	12198742	94.63%	5.983%
58	12.377	1771	1775	1779	rBV4	500451	902290	7.00%	0.443%
59	12.413	1779	1781	1784	rVB	1957658	1633385	12.67%	0.801%
60	12.460	1784	1789	1792	rBV3	1121751	1781104	13.82%	0.874%
61	12.560	1800	1806	1809	rBV2	8028701	12890734	100.00%	6.323%
62	12.595	1809	1812	1819	rVB3	1110255	1662367	12.90%	0.815%
63	12.666	1821	1824	1826	rBV	1323956	1127937	8.75%	0.553%
64	12.695	1826	1829	1836	rVB	3664055	3949743	30.64%	1.937%
65	12.771	1836	1842	1844	rBV2	1570697	2325357	18.04%	1.141%
66	12.854	1853	1856	1858	rVV2	1209818	1622053	12.58%	0.796%
67	12.942	1868	1871	1874	rBV3	392243	644932	5.00%	0.316%
68	12.977	1874	1877	1881	rVB	2265302	2093823	16.24%	1.027%
69	13.036	1884	1887	1890	rBV2	506841	640310	4.97%	0.314%
70	13.066	1890	1892	1895	rVB	1040748	839425	6.51%	0.412%
71	13.095	1895	1897	1904	rBV2	1079064	1206520	9.36%	0.592%

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72	13.171	1907	1910	1920	rVB5	299317	611873	4.75%	0.300%
73	13.254	1920	1924	1926	rBV2	405790	583666	4.53%	0.286%
74	13.377	1941	1945	1950	rVV	2756589	2667651	20.69%	1.308%
75	13.483	1959	1963	1966	rVV2	1734616	1957725	15.19%	0.960%
76	13.518	1966	1969	1971	rVV	1606865	1751477	13.59%	0.859%
77	13.536	1971	1972	1977	rVV2	1568687	1919018	14.89%	0.941%
78	13.583	1977	1980	1983	rVB	1928926	1870845	14.51%	0.918%
79	13.618	1983	1986	1990	rBV4	525575	611247	4.74%	0.300%
80	13.736	1999	2006	2009	rBV2	6050801	10040925	77.89%	4.925%
81	13.771	2009	2012	2017	rVB	5500613	6154203	47.74%	3.019%
82	13.877	2027	2030	2032	rBV	1036376	881909	6.84%	0.433%
83	14.089	2063	2066	2068	rBV2	507678	554193	4.30%	0.272%
84	14.124	2068	2072	2075	rVB	1673818	1618702	12.56%	0.794%
85	14.160	2075	2078	2081	rVB2	1034997	969484	7.52%	0.476%
86	14.242	2089	2092	2095	rBV2	1214854	1233292	9.57%	0.605%
87	14.318	2103	2105	2111	rVB3	580285	551044	4.27%	0.270%
88	14.536	2139	2142	2145	rVB2	1007248	988767	7.67%	0.485%
89	14.571	2145	2148	2151	rBV2	581731	780402	6.05%	0.383%
90	14.742	2171	2177	2179	rBV2	4630867	7634080	59.22%	3.744%
91	14.830	2189	2192	2196	rVB2	1824141	1957013	15.18%	0.960%
92	15.001	2216	2221	2226	rBV	2676463	3715648	28.82%	1.822%
93	15.060	2226	2231	2235	rVB	3964159	5177070	40.16%	2.539%
94	15.107	2236	2239	2242	rVV	1321311	1663586	12.91%	0.816%
95	15.136	2242	2244	2247	rVV	1269279	1366987	10.60%	0.670%
96	15.171	2247	2250	2254	rVB2	863037	1090619	8.46%	0.535%
97	15.554	2312	2315	2320	rVB2	519832	692191	5.37%	0.340%
98	15.995	2387	2390	2395	rVB2	407608	606654	4.71%	0.298%
99	16.389	2451	2457	2463	rVB2	1822865	3330455	25.84%	1.634%
100	16.771	2515	2522	2529	rVB	1522973	3013329	23.38%	1.478%

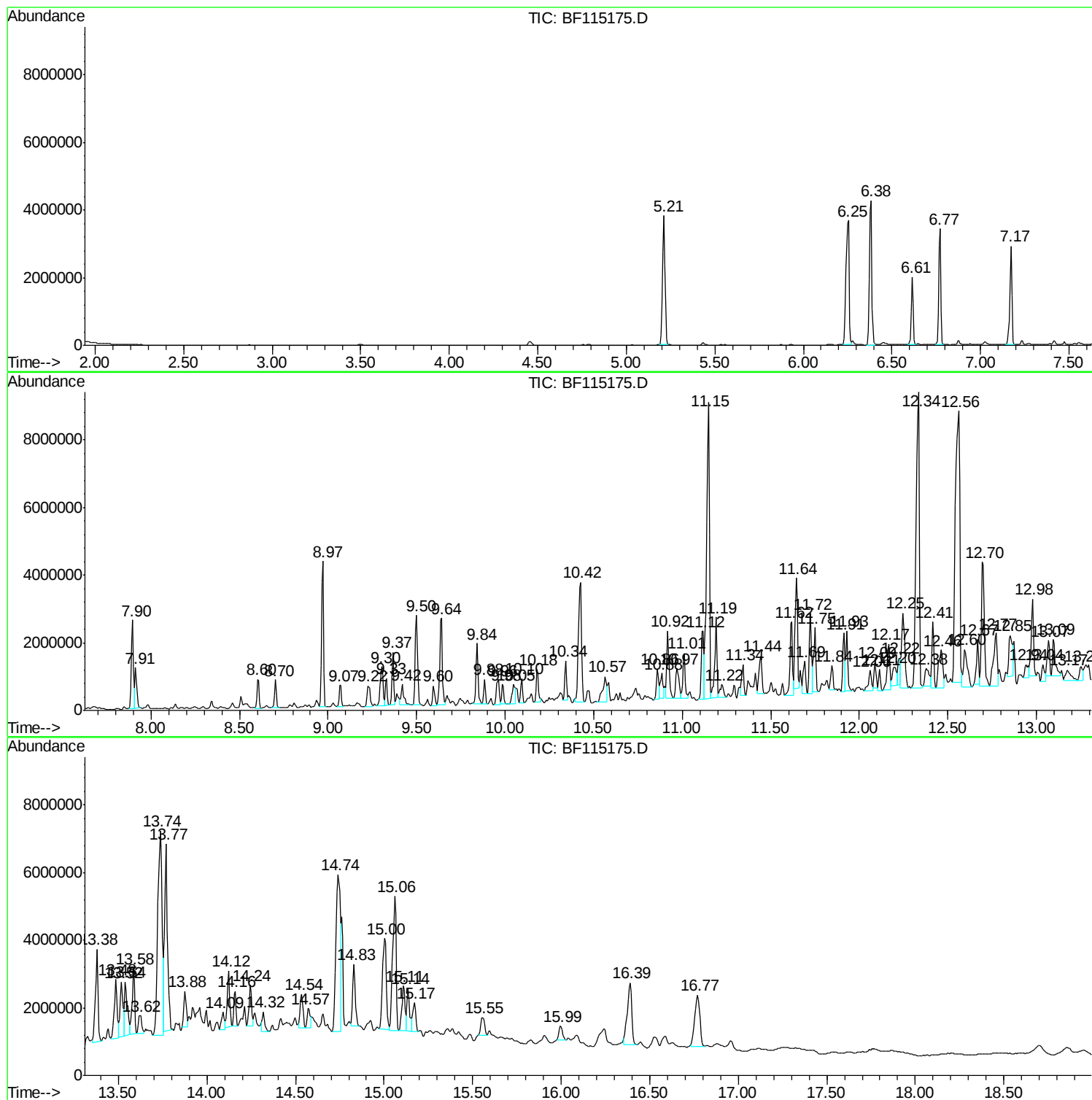
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Instrument :
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TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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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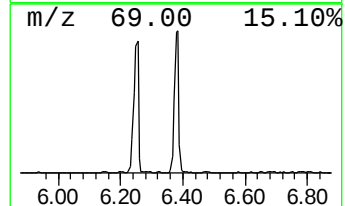
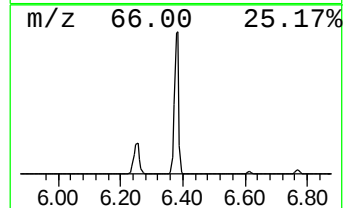
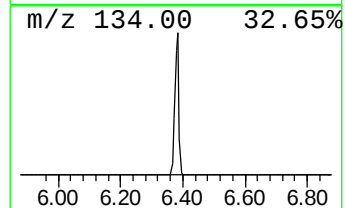
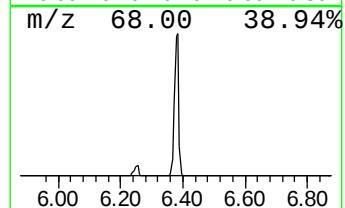
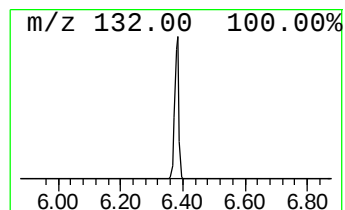
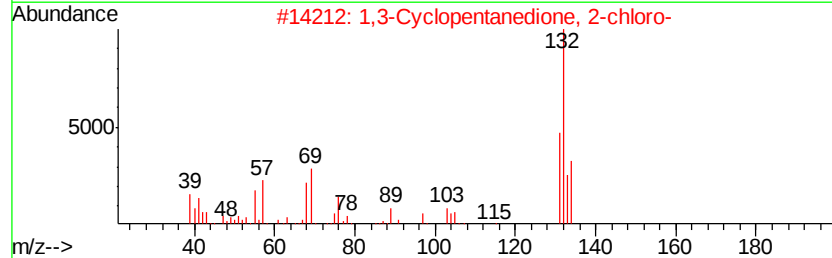
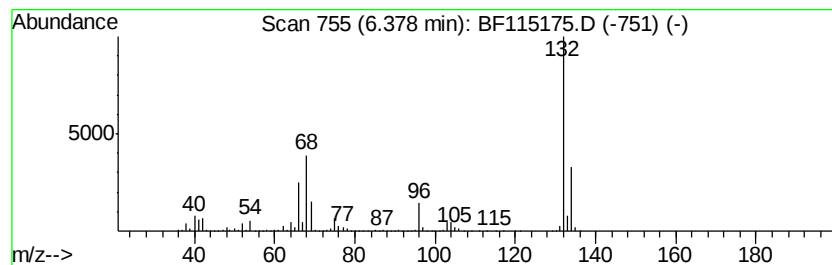
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	51.98 ng	4157110	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		Xenon	132	Xe	007440-63-3	9



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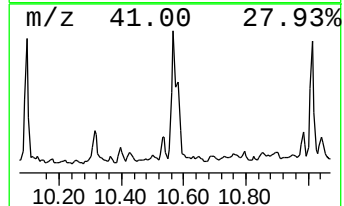
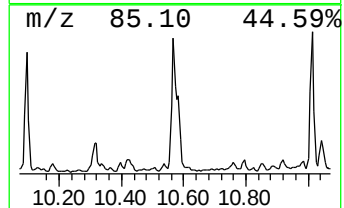
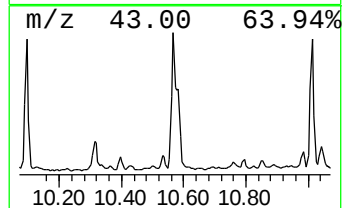
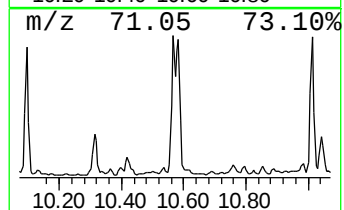
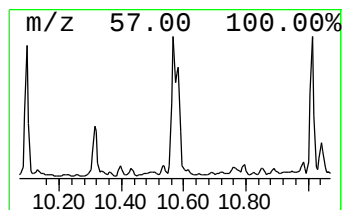
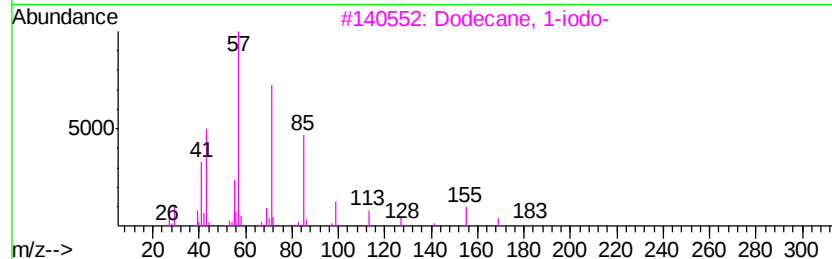
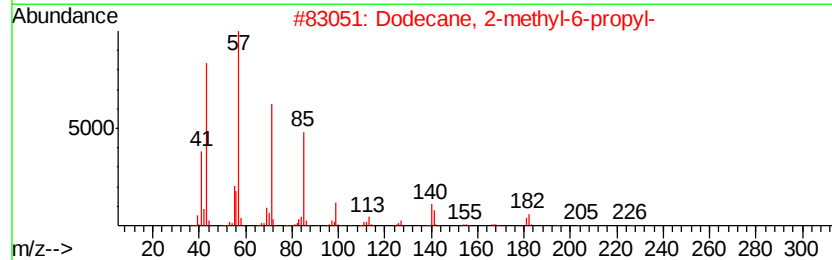
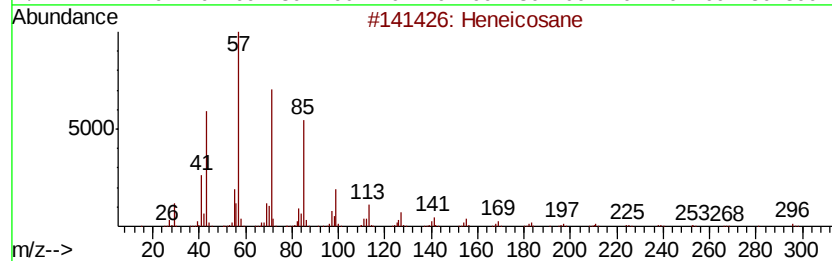
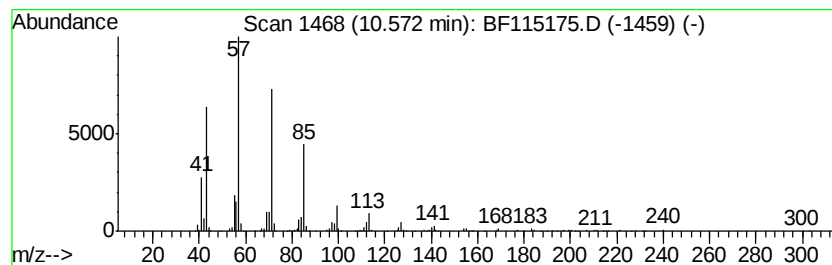
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	9.21 ng	1067750	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Heptadecane		240	C17H36	000629-78-7	83



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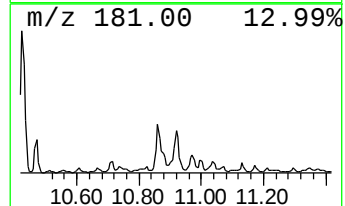
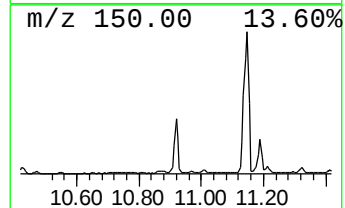
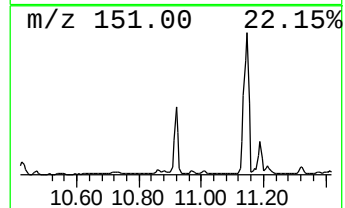
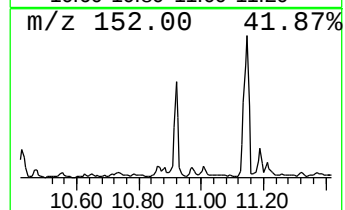
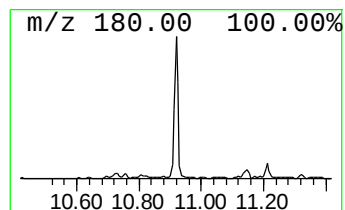
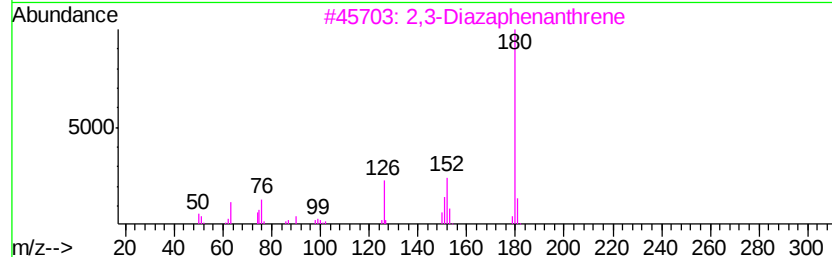
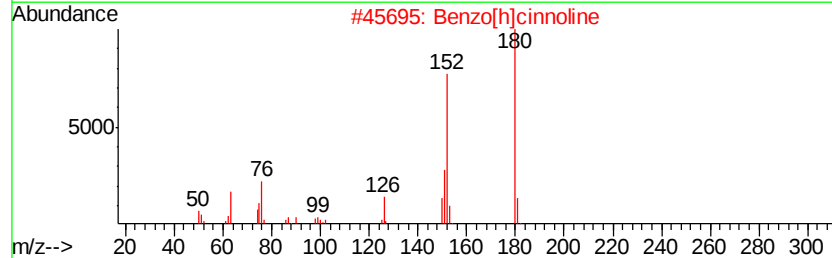
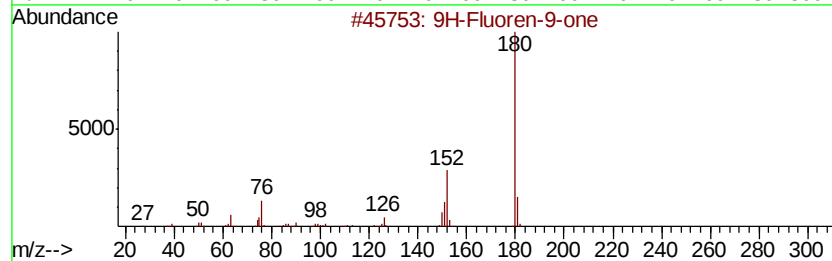
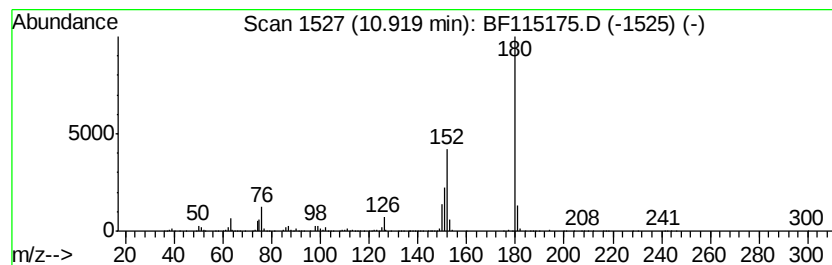
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	14.76 ng	1710950	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	87
3	2,3-Diazaphenanthrene		180	C12H8N2	000229-72-1	53
4	5-Methoxy-4-methyl-2,1,3-benzoth...		180	C8H8N2OS	089976-68-1	50
5	1H-Phenalen-1-one		180	C13H8O	000548-39-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
Operator : HP/JU
Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

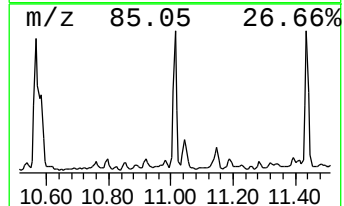
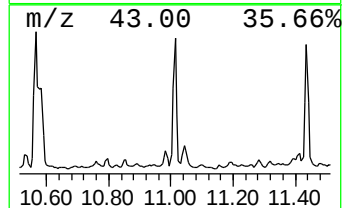
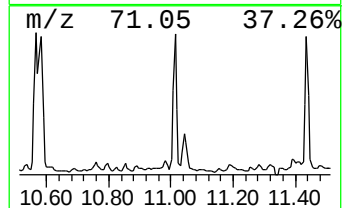
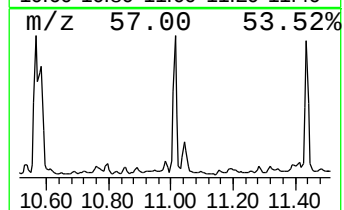
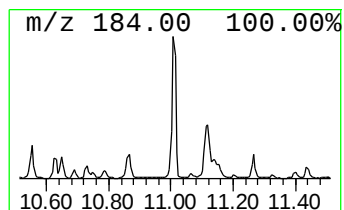
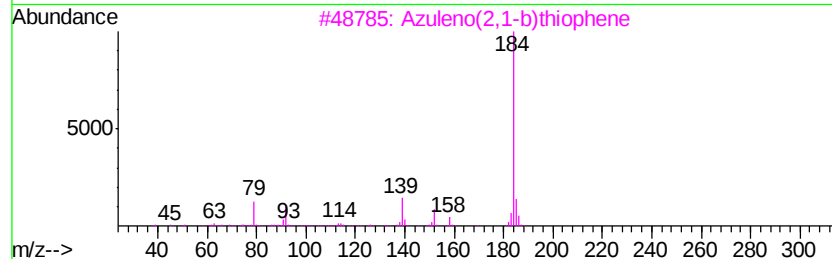
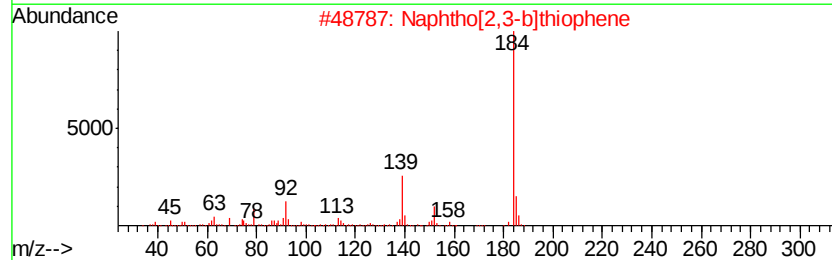
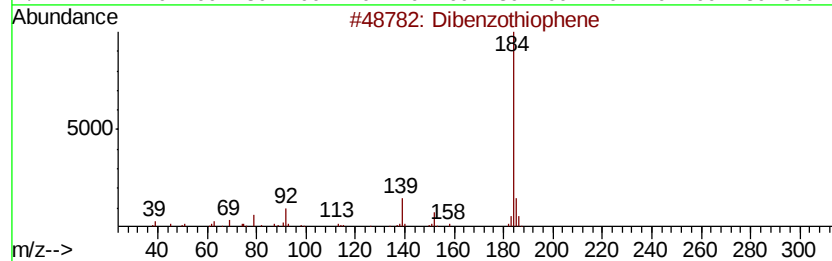
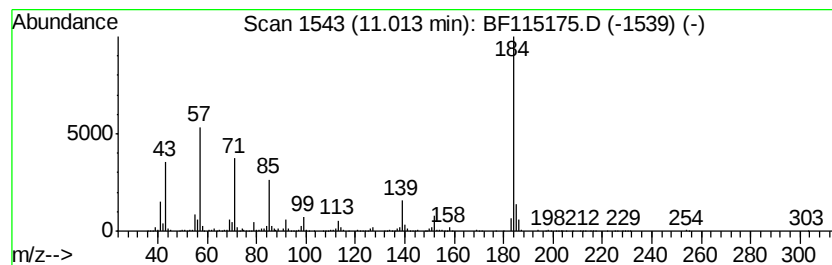
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.01	11.50 ng	1333510	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	86
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	70
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
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Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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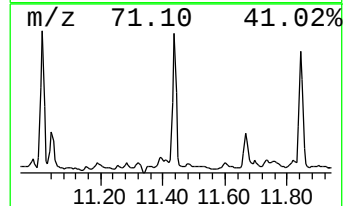
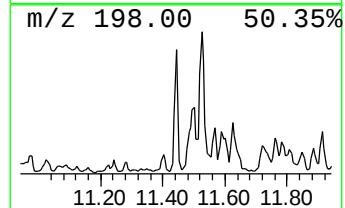
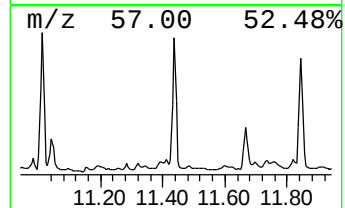
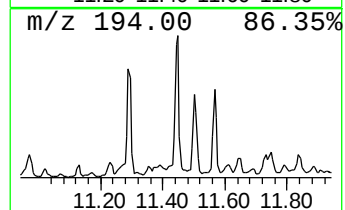
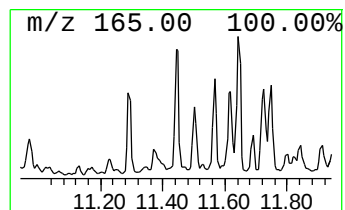
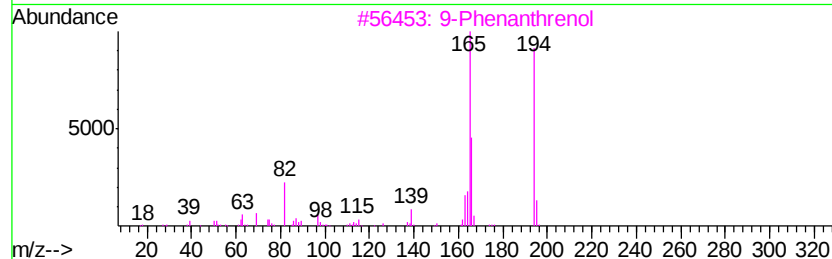
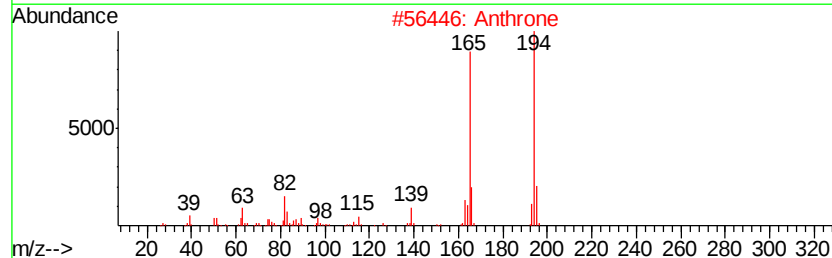
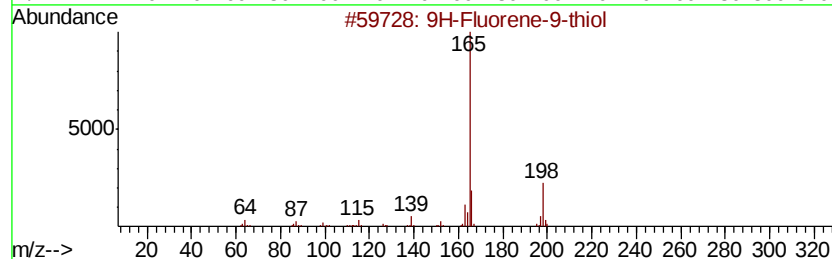
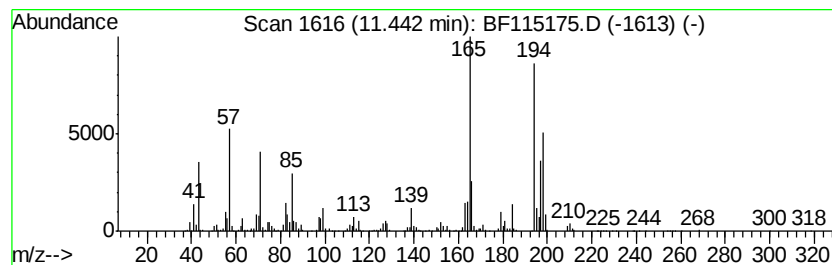
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene-9-thiol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	10.18 ng	1180430	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	62
2		Anthrone	194	C14H10O	000090-44-8	55
3		9-Phenanthrenol	194	C14H10O	000484-17-3	50
4		3-Phenanthrol	194	C14H10O	000605-87-8	49
5		9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
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Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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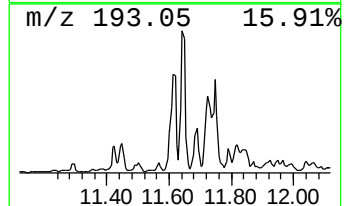
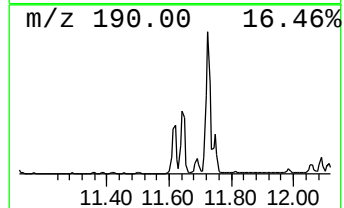
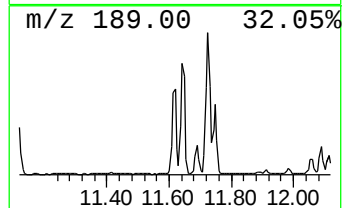
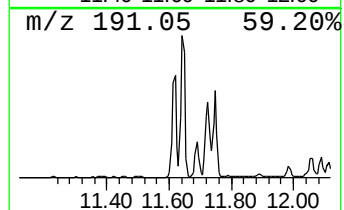
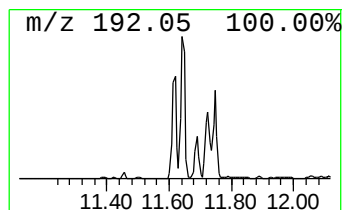
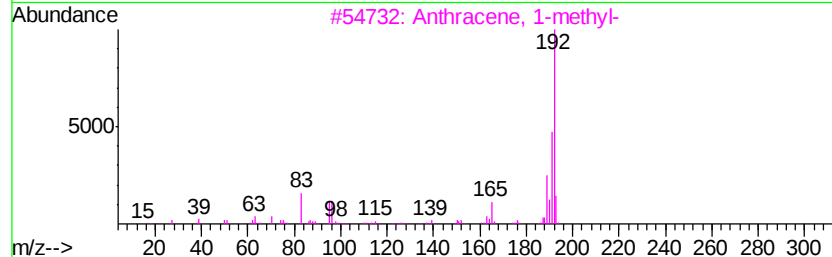
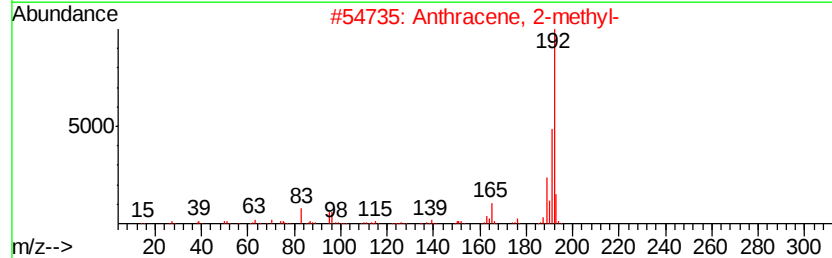
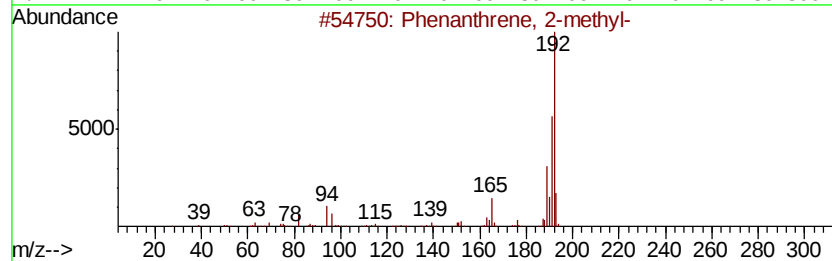
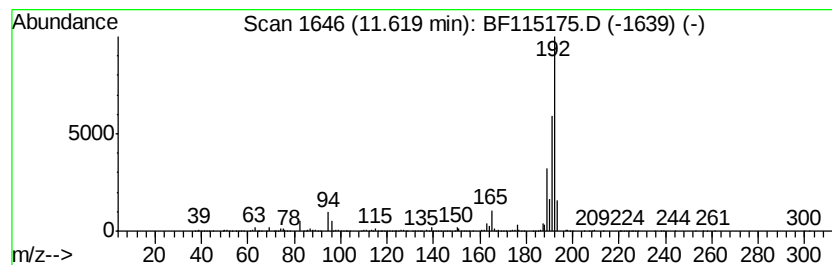
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	20.41 ng	2366720	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
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Misc :
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Instrument :
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ClientSampleId :
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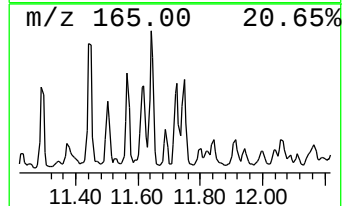
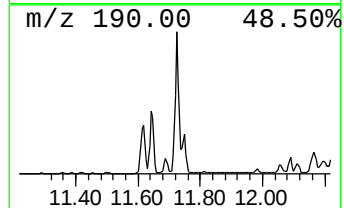
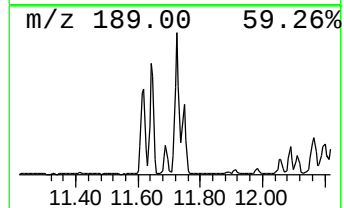
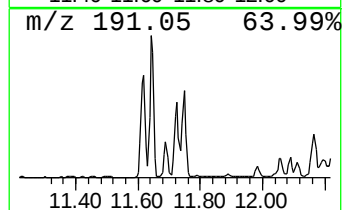
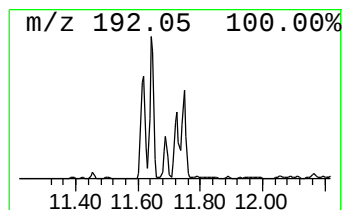
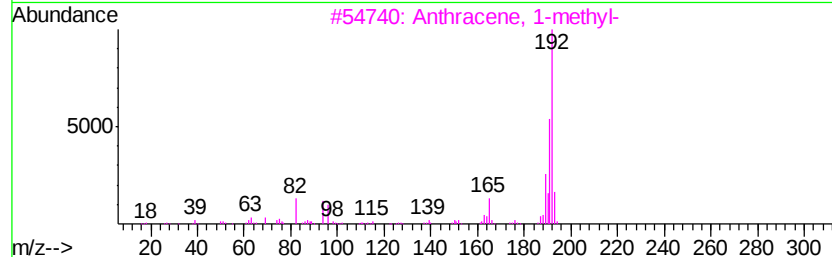
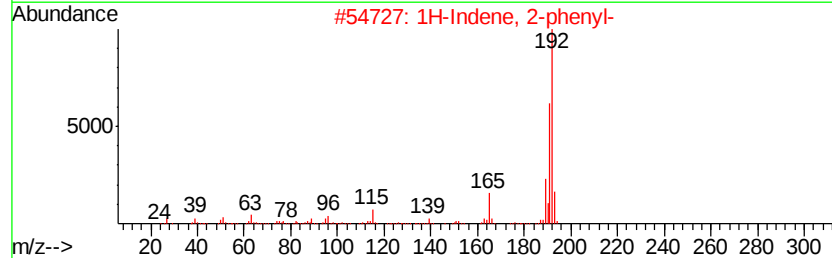
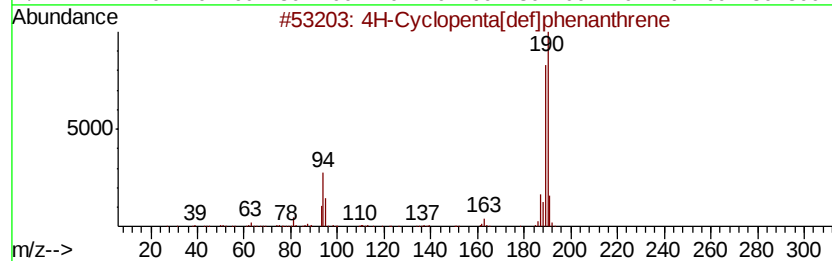
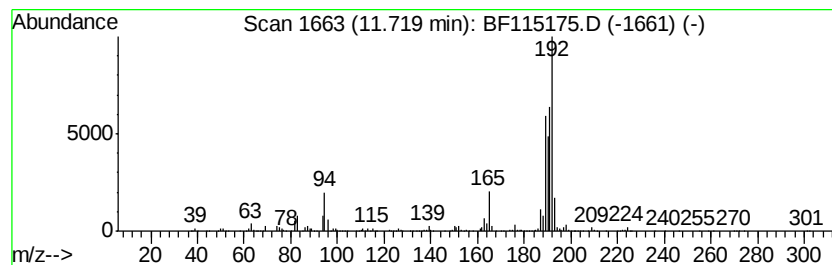
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	20.33 ng	2357100	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
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Misc :
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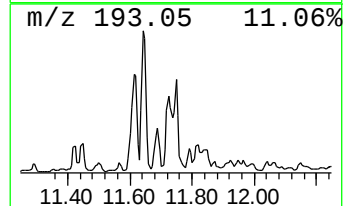
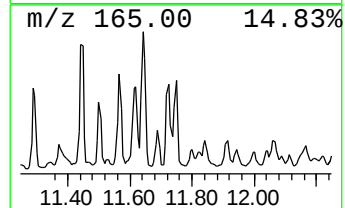
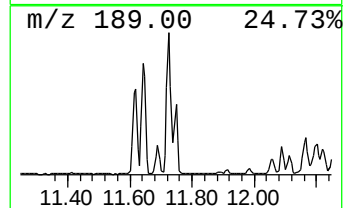
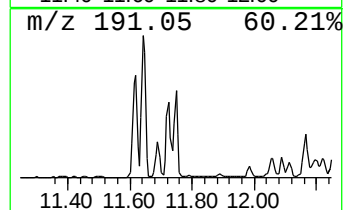
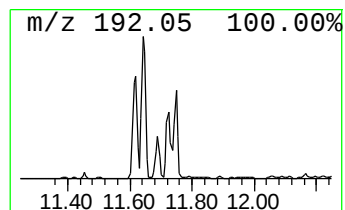
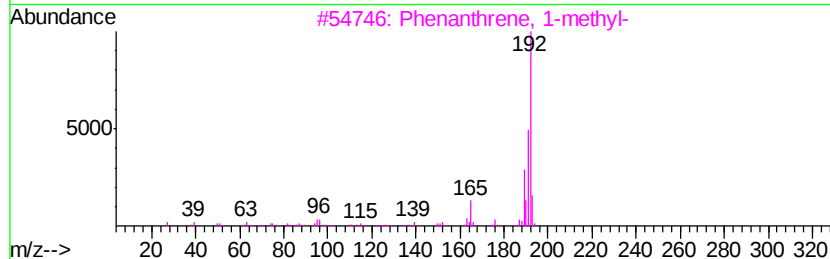
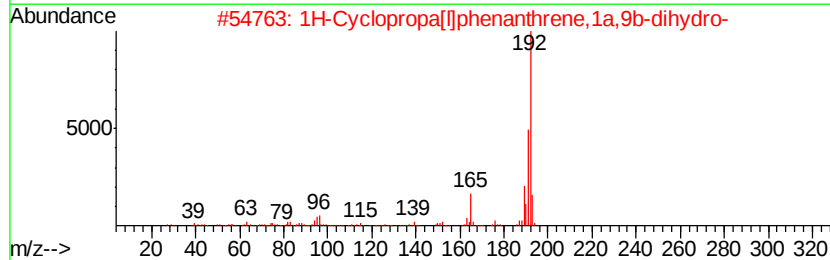
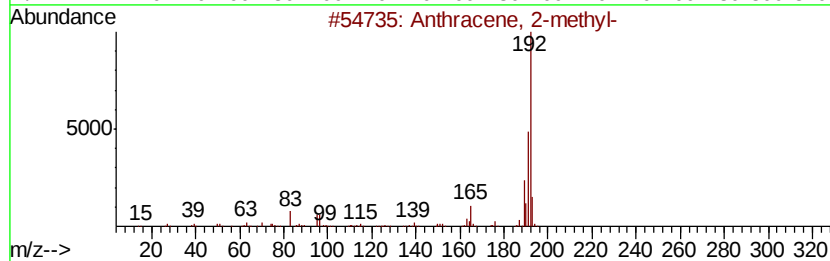
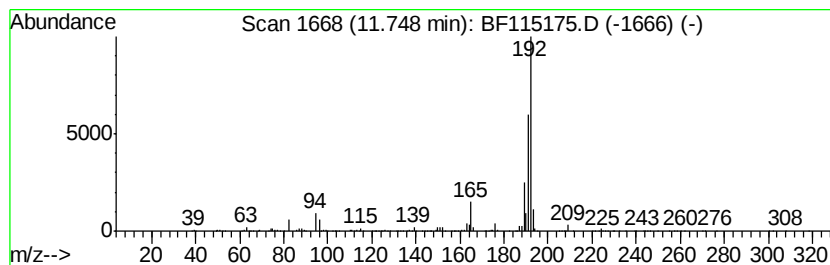
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.34 ng	1430440	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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ClientSampleId :
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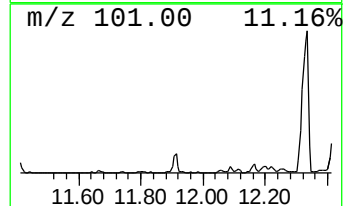
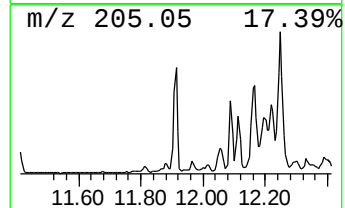
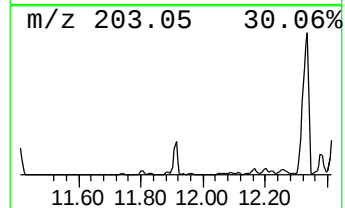
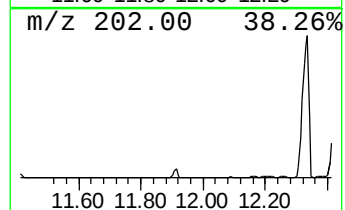
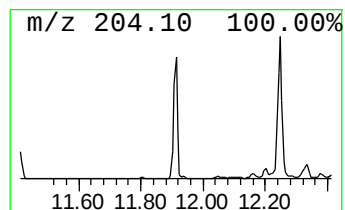
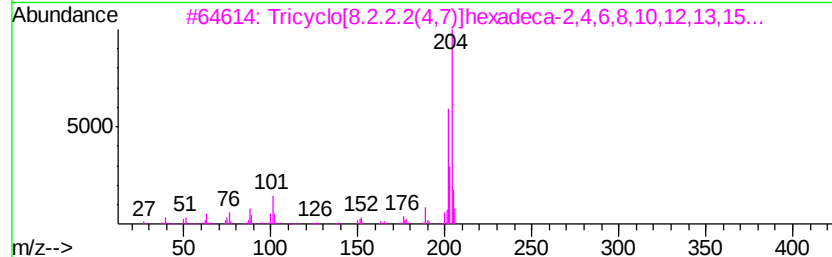
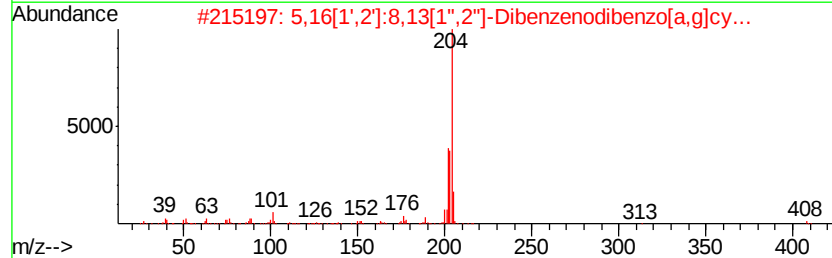
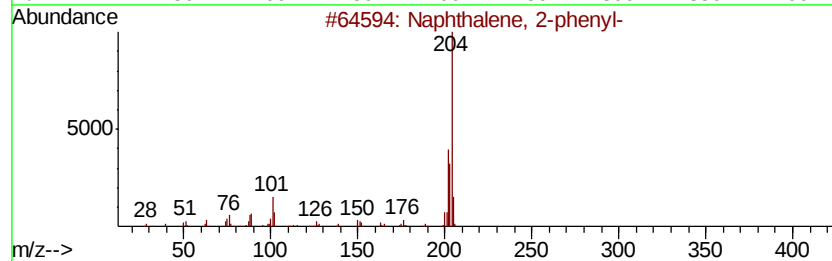
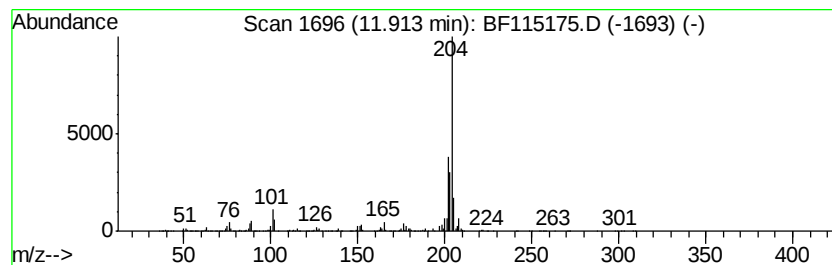
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	13.35 ng	1547990	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53



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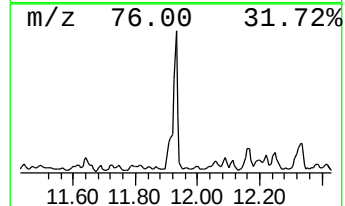
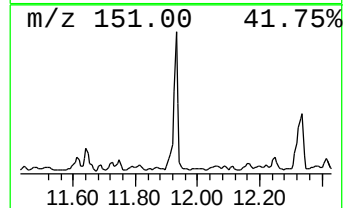
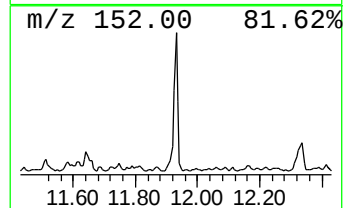
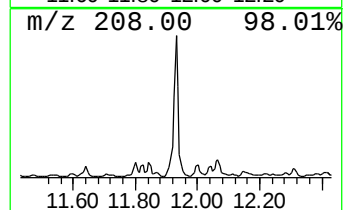
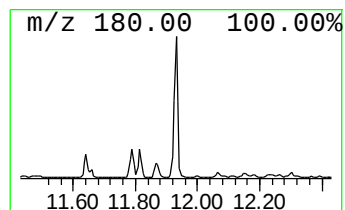
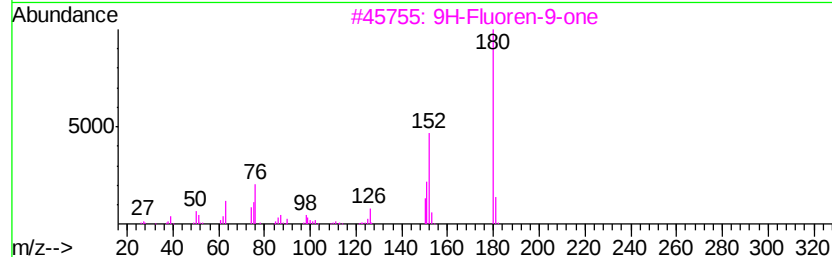
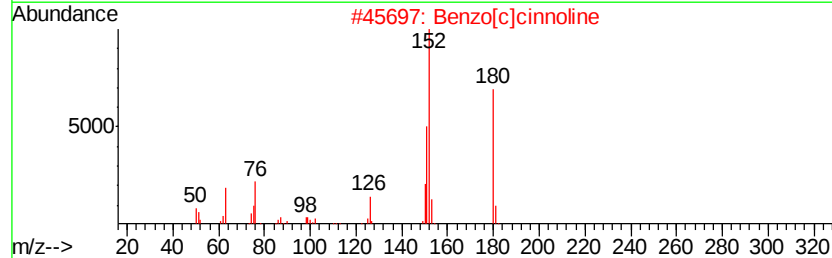
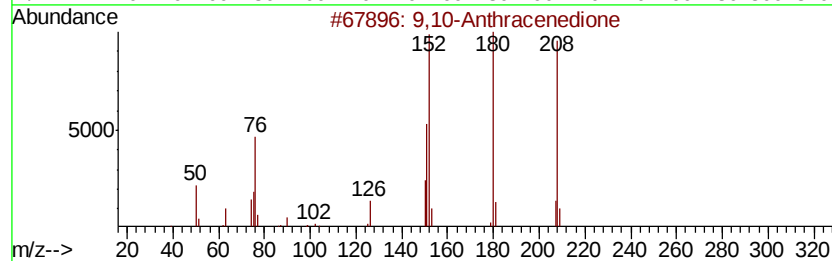
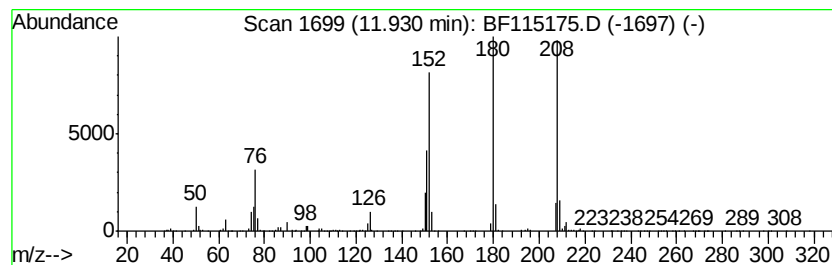
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	12.03 ng	1394550	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
Operator : HP/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

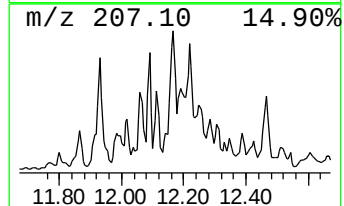
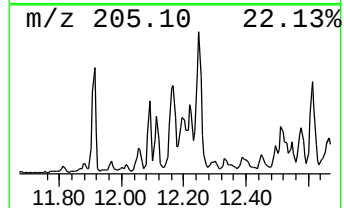
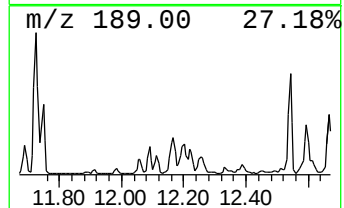
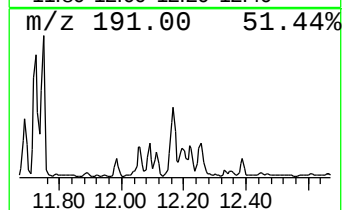
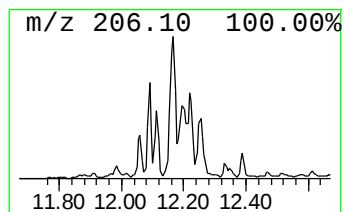
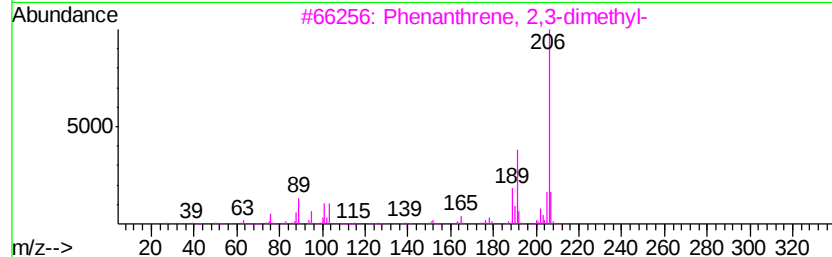
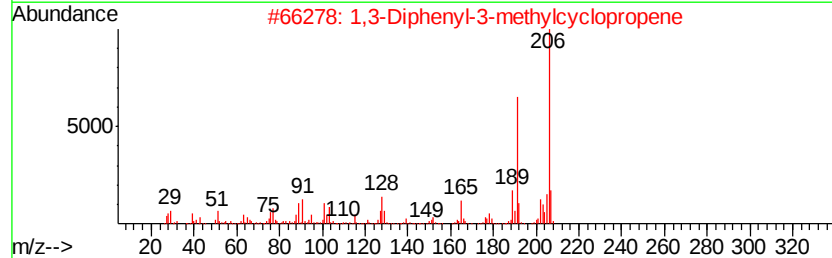
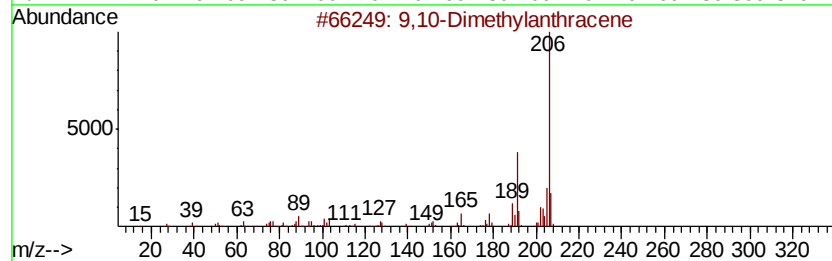
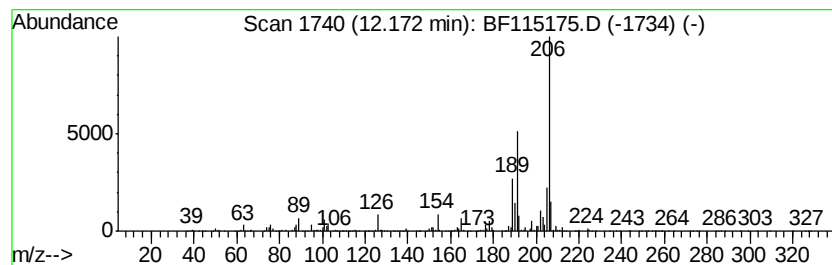
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	13.71 ng	1589670	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
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Misc :
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ClientSampleId :
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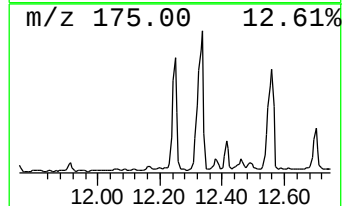
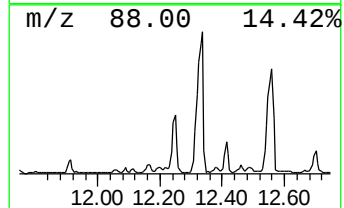
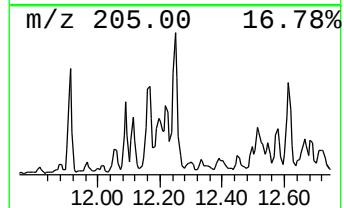
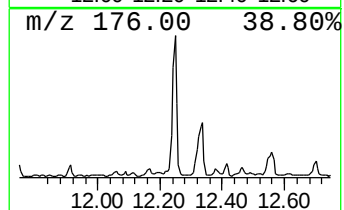
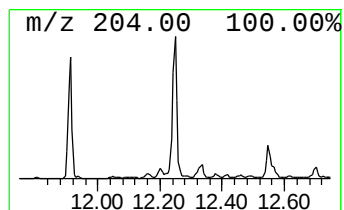
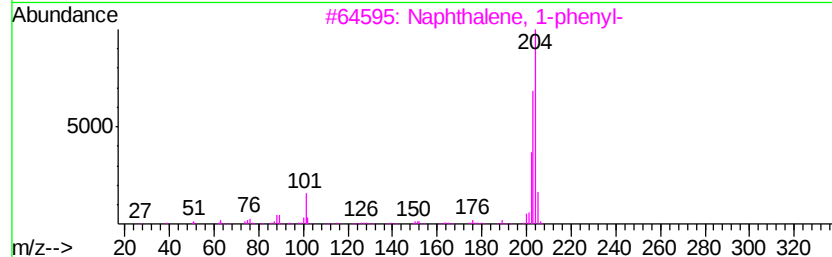
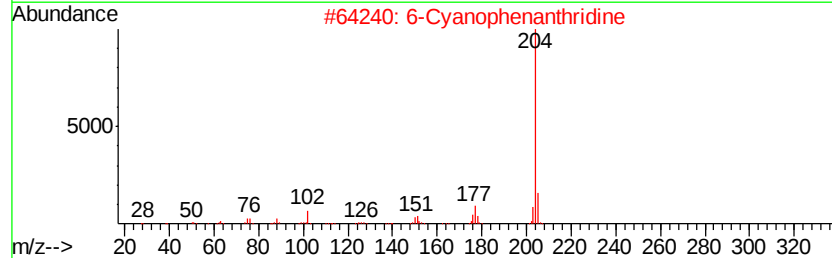
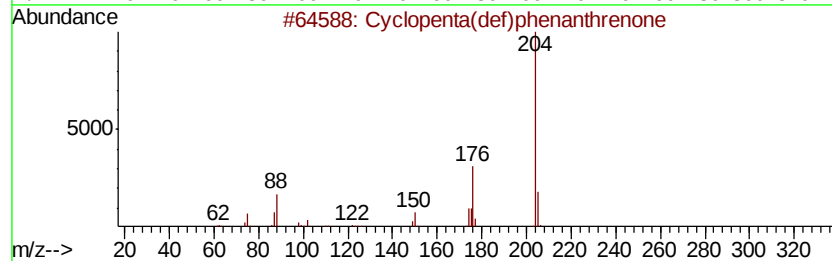
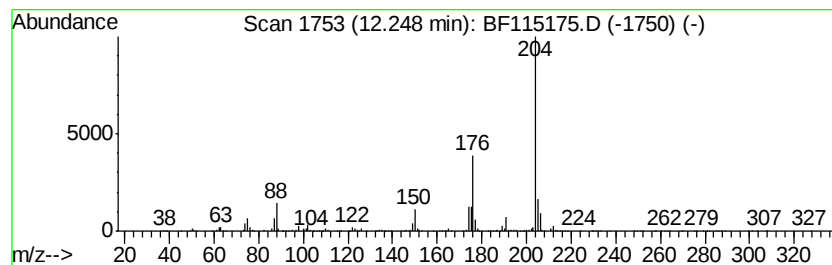
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	21.03 ng	2438140	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Operator : HP/JU
Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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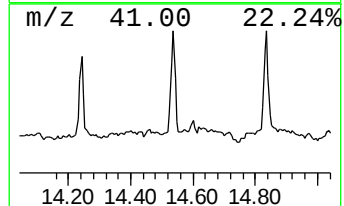
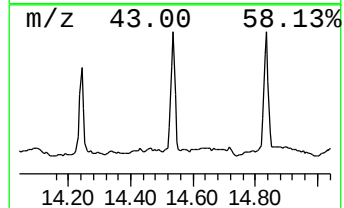
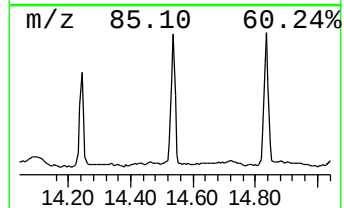
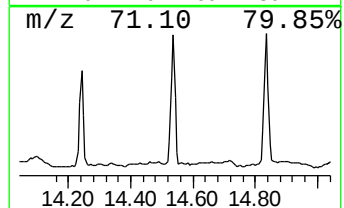
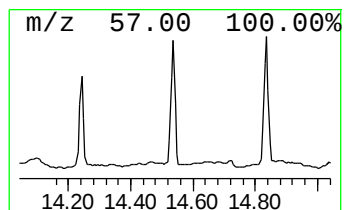
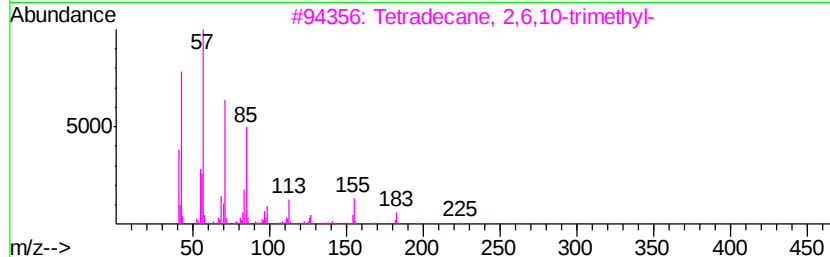
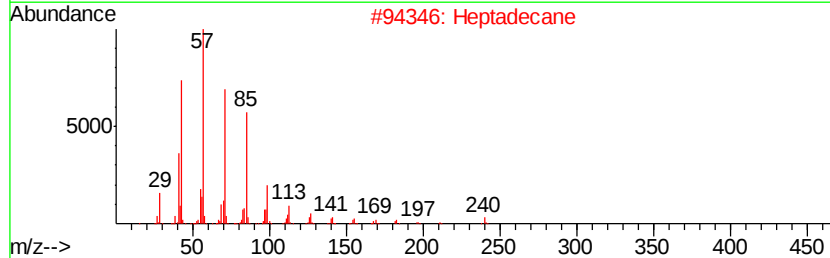
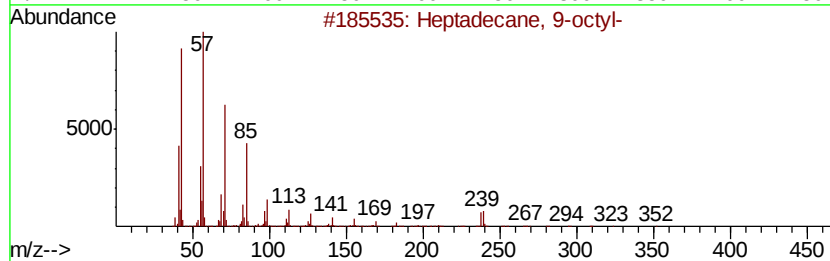
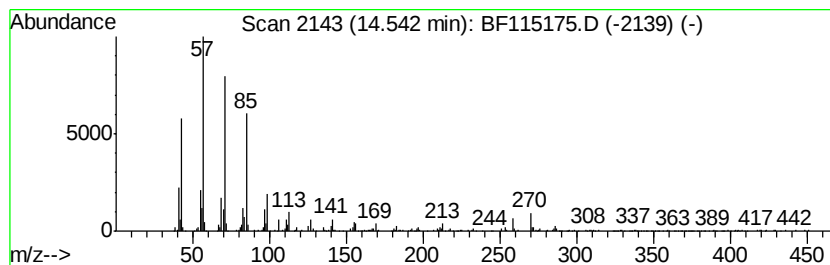
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	11.89 ng	988767	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Operator : HP/JU
Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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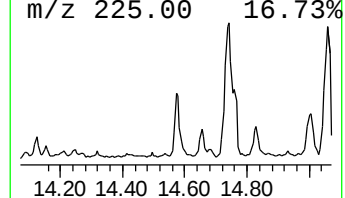
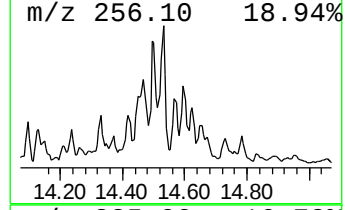
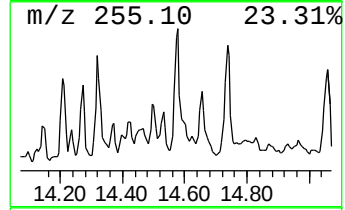
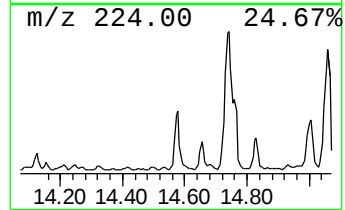
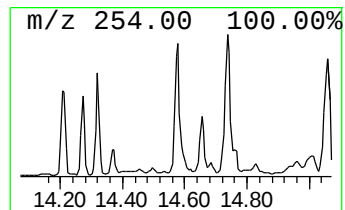
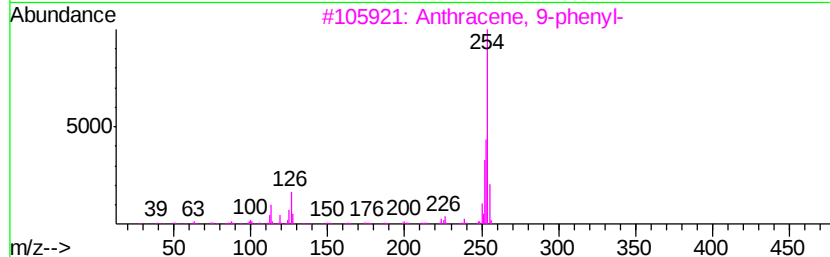
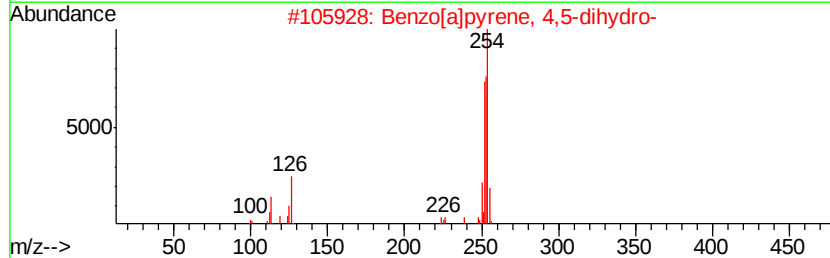
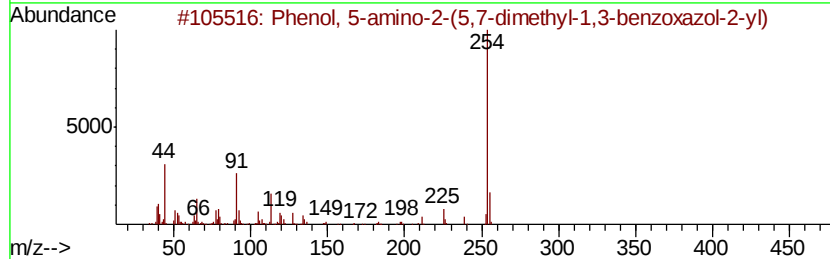
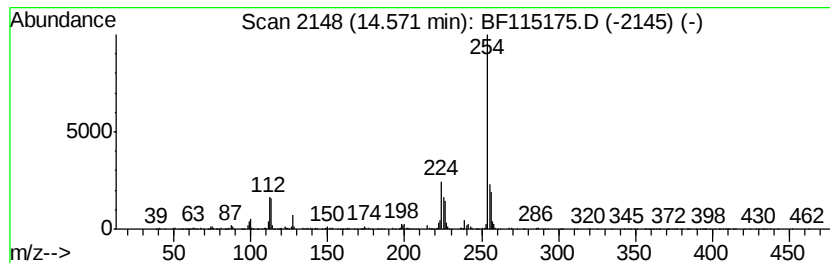
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenol, 5-amino-2-(5,7-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	9.38 ng	780402	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	58
2		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	53
5		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
Operator : HP/JU
Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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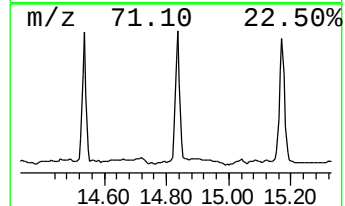
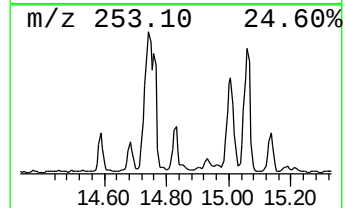
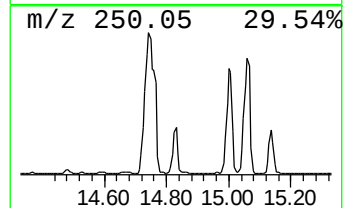
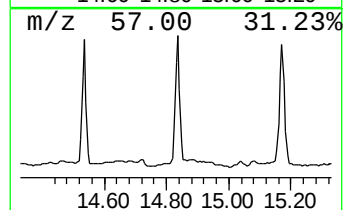
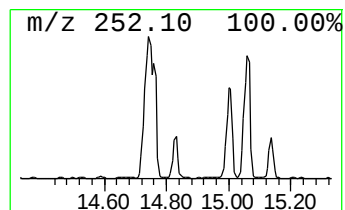
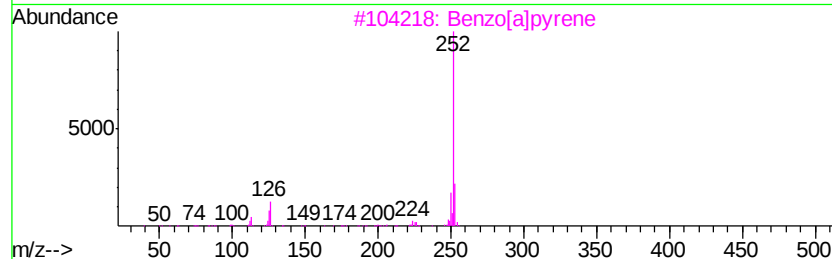
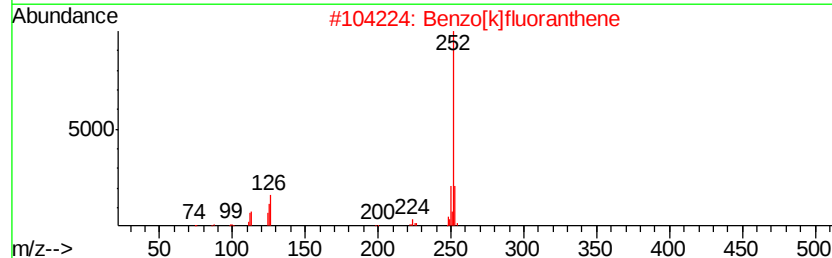
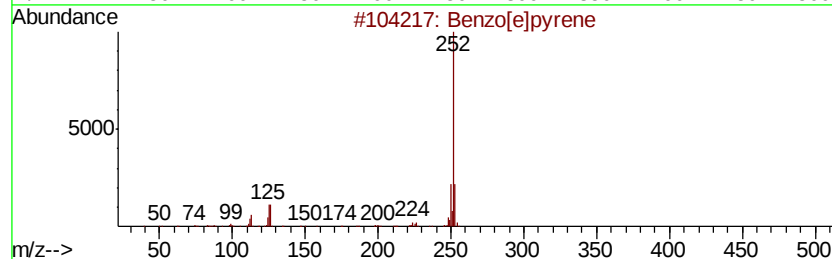
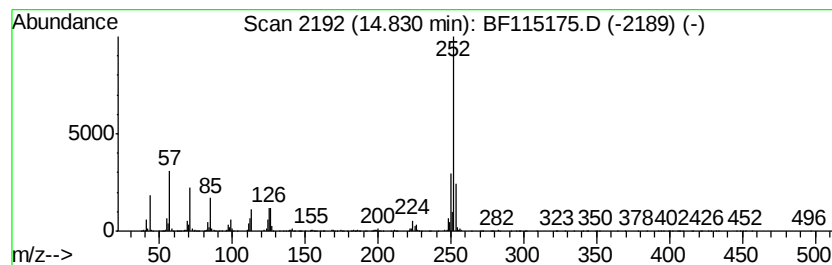
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	23.53 ng	1957010	Perylene-d12	15.11

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115175.D
Acq On : 25 Jun 2019 3:54
Operator : HP/JU
Sample : K3482-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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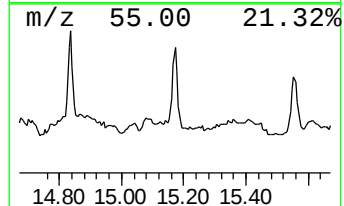
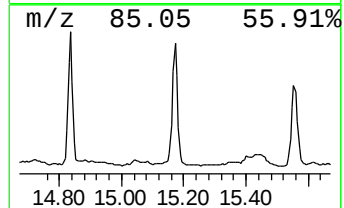
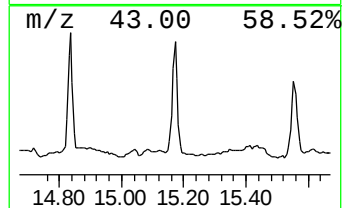
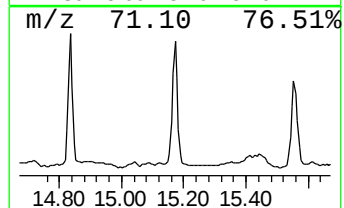
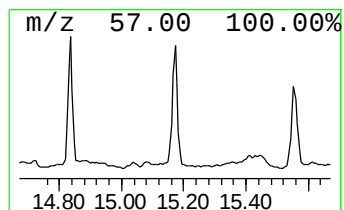
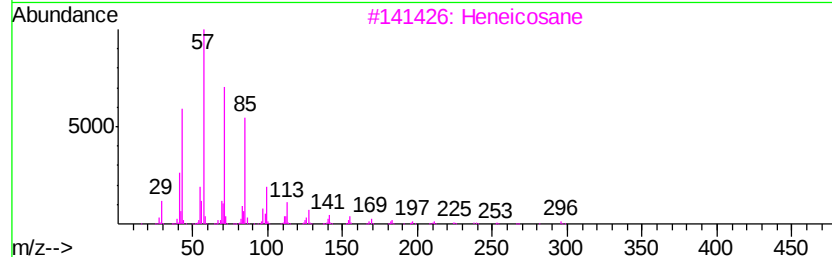
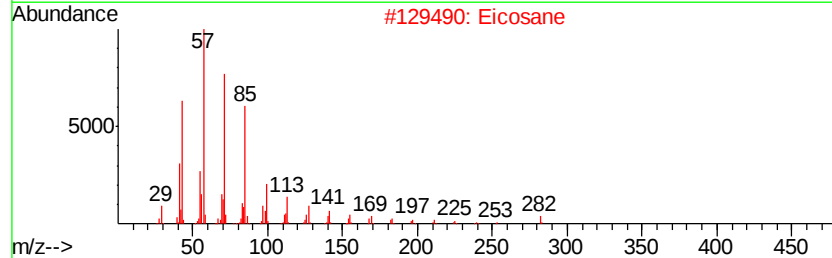
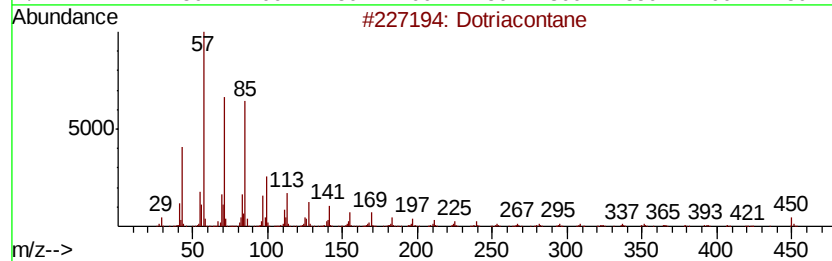
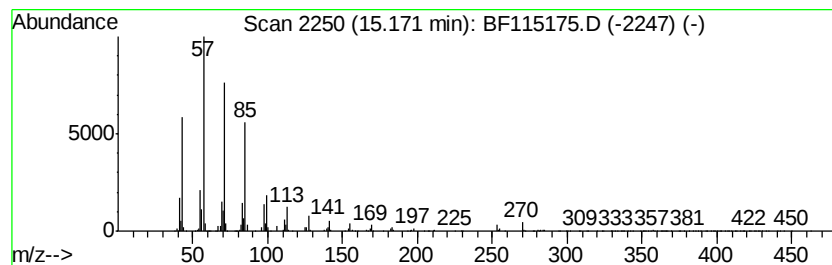
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dotriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	13.11 ng	1090620	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
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 Sample : K3482-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
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Heneicosane	10.57	9.2	ng	1067750	4	11.11	2318620	20.0
9H-Fluoren-9-one	10.92	14.8	ng	1710950	4	11.11	2318620	20.0
Dibenzothiophene	11.01	11.5	ng	1333510	4	11.11	2318620	20.0
9H-Fluorene-9-thiol	11.44	10.2	ng	1180430	4	11.11	2318620	20.0
Phenanthrene, 2-m...	11.62	20.4	ng	2366720	4	11.11	2318620	20.0
4H-Cyclopenta[def...	11.72	20.3	ng	2357100	4	11.11	2318620	20.0
Anthracene, 2-met...	11.75	12.3	ng	1430440	4	11.11	2318620	20.0
Naphthalene, 2-ph...	11.91	13.4	ng	1547990	4	11.11	2318620	20.0
9,10-Anthracenedione	11.93	12.0	ng	1394550	4	11.11	2318620	20.0
9,10-Dimethylanthe...	12.17	13.7	ng	1589670	4	11.11	2318620	20.0
Cyclopenta(def)ph...	12.25	21.0	ng	2438140	4	11.11	2318620	20.0
Heptadecane, 9-oc...	14.54	11.9	ng	988767	6	15.11	1663590	20.0
Phenol, 5-amino-2...	14.57	9.4	ng	780402	6	15.11	1663590	20.0
Benzo[e]pyrene	14.83	23.5	ng	1957010	6	15.11	1663590	20.0
Dotriacontane	15.17	13.1	ng	1090620	6	15.11	1663590	20.0