

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(8)

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-BF022020.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	2.157	7	12	20	rBV	55598	77505	1.27%	0.121%
2	4.987	490	493	505	rVB	108972	165545	2.72%	0.258%
3	5.392	557	562	565	rBV	4373625	4394935	72.27%	6.844%
4	6.310	714	718	723	rBV	119828	114511	1.88%	0.178%
5	6.404	728	734	737	rBV	3942355	4468662	73.48%	6.959%
6	6.757	790	794	798	rBV	1408205	1179593	19.40%	1.837%
7	6.916	816	821	824	rBV	4355252	4046483	66.54%	6.301%
8	7.322	884	890	893	rBV	2952764	3105504	51.06%	4.836%
9	8.039	1007	1012	1015	rBV	1688993	1553762	25.55%	2.420%
10	8.751	1128	1133	1136	rBV	121393	105582	1.74%	0.164%
11	8.851	1145	1150	1154	rVB	200366	181845	2.99%	0.283%
12	9.116	1189	1195	1198	rBV	6076253	6081564	100.00%	9.471%
13	9.380	1234	1240	1243	rBV	205653	274086	4.51%	0.427%
14	9.451	1247	1252	1254	rBV	451401	448883	7.38%	0.699%
15	9.474	1254	1256	1259	rVB	249971	191220	3.14%	0.298%
16	9.504	1259	1261	1265	rVB	267688	238579	3.92%	0.372%
17	9.569	1268	1272	1274	rBV	195959	220295	3.62%	0.343%
18	9.651	1280	1286	1290	rBV	197718	177618	2.92%	0.277%
19	9.710	1290	1296	1303	rBV3	37316	76214	1.25%	0.119%
20	9.792	1303	1310	1313	rBV	1947512	1908602	31.38%	2.972%
21	9.822	1313	1315	1319	rVB2	100188	90463	1.49%	0.141%
22	9.898	1324	1328	1332	rBV2	115209	158645	2.61%	0.247%
23	9.992	1338	1344	1347	rVV	223519	267757	4.40%	0.417%
24	10.033	1347	1351	1354	rVB	236843	198131	3.26%	0.309%
25	10.104	1359	1363	1366	rBV	205786	220016	3.62%	0.343%
26	10.133	1366	1368	1371	rVB	153073	125024	2.06%	0.195%
27	10.198	1374	1379	1380	rBV	153962	199256	3.28%	0.310%
28	10.216	1380	1382	1385	rVB	117552	93863	1.54%	0.146%
29	10.333	1399	1402	1408	rVB3	290091	305752	5.03%	0.476%
30	10.404	1408	1414	1415	rBV3	90609	132745	2.18%	0.207%
31	10.451	1419	1422	1426	rVV4	63341	82070	1.35%	0.128%
32	10.492	1426	1429	1434	rVB3	112908	142474	2.34%	0.222%
33	10.580	1438	1444	1447	rVV	3984971	3754765	61.74%	5.847%
34	10.704	1461	1465	1471	rVB2	119243	134385	2.21%	0.209%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(8)

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-BF022020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.880	1490	1495	1498	rBV3	183364	252299	4.15%	0.393%
36	10.910	1498	1500	1503	rVB	180734	140871	2.32%	0.219%
37	10.963	1507	1509	1512	rVB2	105537	104703	1.72%	0.163%
38	11.016	1512	1518	1520	rBV2	88636	147122	2.42%	0.229%
39	11.080	1526	1529	1532	rVB2	118499	111062	1.83%	0.173%
40	11.110	1532	1534	1539	rVV2	63784	110009	1.81%	0.171%
41	11.168	1541	1544	1549	rVB	191513	192372	3.16%	0.300%
42	11.274	1557	1562	1564	rBV	1784036	1861361	30.61%	2.899%
43	11.298	1564	1566	1569	rVV	1705781	1306449	21.48%	2.035%
44	11.345	1571	1574	1577	rVB	225594	195158	3.21%	0.304%
45	11.380	1577	1580	1583	rBV2	108927	134025	2.20%	0.209%
46	11.604	1614	1618	1623	rVB2	265057	263552	4.33%	0.410%
47	11.686	1626	1632	1636	rVB2	140316	213620	3.51%	0.333%
48	11.727	1636	1639	1642	rBV	105962	104573	1.72%	0.163%
49	11.774	1642	1647	1649	rBV	798642	775513	12.75%	1.208%
50	11.804	1649	1652	1656	rVB	1093124	1000795	16.46%	1.559%
51	11.845	1656	1659	1662	rVB	148152	131177	2.16%	0.204%
52	11.880	1662	1665	1668	rBV2	765477	846110	13.91%	1.318%
53	11.904	1668	1669	1675	rVB	630752	477266	7.85%	0.743%
54	11.963	1675	1679	1681	rBV3	56921	84934	1.40%	0.132%
55	12.010	1684	1687	1689	rVB	107706	99168	1.63%	0.154%
56	12.068	1689	1697	1699	rBV	286171	384786	6.33%	0.599%
57	12.098	1699	1702	1707	rVB	189564	231329	3.80%	0.360%
58	12.198	1716	1719	1720	rBV	113565	96285	1.58%	0.150%
59	12.215	1720	1722	1725	rVB	138835	105637	1.74%	0.165%
60	12.245	1725	1727	1729	rBV	170638	155821	2.56%	0.243%
61	12.321	1736	1740	1743	rBV	542187	578336	9.51%	0.901%
62	12.357	1743	1746	1748	rVV2	202802	222798	3.66%	0.347%
63	12.380	1748	1750	1752	rVB	141731	105424	1.73%	0.164%
64	12.410	1752	1755	1759	rBV2	250884	357543	5.88%	0.557%
65	12.480	1762	1767	1770	rBV	991511	1184550	19.48%	1.845%
66	12.710	1801	1806	1809	rBV	1108283	984238	16.18%	1.533%
67	12.768	1813	1816	1820	rVB3	134859	158291	2.60%	0.247%
68	12.857	1827	1831	1834	rBV	5148817	4808062	79.06%	7.487%
69	12.927	1840	1843	1850	rBV3	223088	352158	5.79%	0.548%
70	12.986	1850	1853	1855	rBV2	100993	81705	1.34%	0.127%
71	13.015	1855	1858	1860	rVV3	166906	210781	3.47%	0.328%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(8)

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-BF022020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.039	1860	1862	1865	rVB	247273	215803	3.55%	0.336%
73	13.086	1865	1870	1871	rBV3	68540	81879	1.35%	0.128%
74	13.104	1871	1873	1876	rVV	104294	92620	1.52%	0.144%
75	13.145	1876	1880	1884	rVV	270662	259900	4.27%	0.405%
76	13.233	1892	1895	1898	rBV	261821	210444	3.46%	0.328%
77	13.262	1898	1900	1904	rVB	256737	225693	3.71%	0.351%
78	13.415	1918	1926	1927	rBV5	75660	132120	2.17%	0.206%
79	13.545	1946	1948	1953	rVB	161457	171773	2.82%	0.267%
80	13.657	1962	1967	1969	rBV3	151609	238927	3.93%	0.372%
81	13.751	1979	1983	1994	rVB5	523942	727999	11.97%	1.134%
82	13.904	2004	2009	2012	rBV2	1413500	1661006	27.31%	2.587%
83	13.933	2012	2014	2022	rVV	404790	401262	6.60%	0.625%
84	14.074	2033	2038	2044	rVB4	181770	276591	4.55%	0.431%
85	14.292	2071	2075	2078	rVV	244985	234950	3.86%	0.366%
86	14.327	2078	2081	2084	rVB	130937	109572	1.80%	0.171%
87	14.380	2085	2090	2094	rVB3	211330	288483	4.74%	0.449%
88	14.415	2094	2096	2099	rBV	133304	123902	2.04%	0.193%
89	14.674	2137	2140	2143	rBV	236974	219325	3.61%	0.342%
90	14.927	2179	2183	2190	rVB	204851	328304	5.40%	0.511%
91	14.992	2191	2194	2198	rVB	232920	243158	4.00%	0.379%
92	15.209	2228	2231	2237	rBV	152755	189411	3.11%	0.295%
93	15.268	2238	2241	2247	rVV	210856	259730	4.27%	0.404%
94	15.333	2247	2252	2266	rVB	986339	1558196	25.62%	2.427%
95	15.762	2321	2325	2330	rBV	180133	259364	4.26%	0.404%
96	16.239	2402	2406	2411	rVB2	74302	126218	2.08%	0.197%
97	16.639	2462	2474	2485	rVV7	398681	1660888	27.31%	2.586%
98	16.727	2486	2489	2495	rVB2	100662	184838	3.04%	0.288%
99	16.798	2498	2501	2506	rVB5	52532	87693	1.44%	0.137%
100	17.150	2557	2561	2569	rVB2	79312	158340	2.60%	0.247%

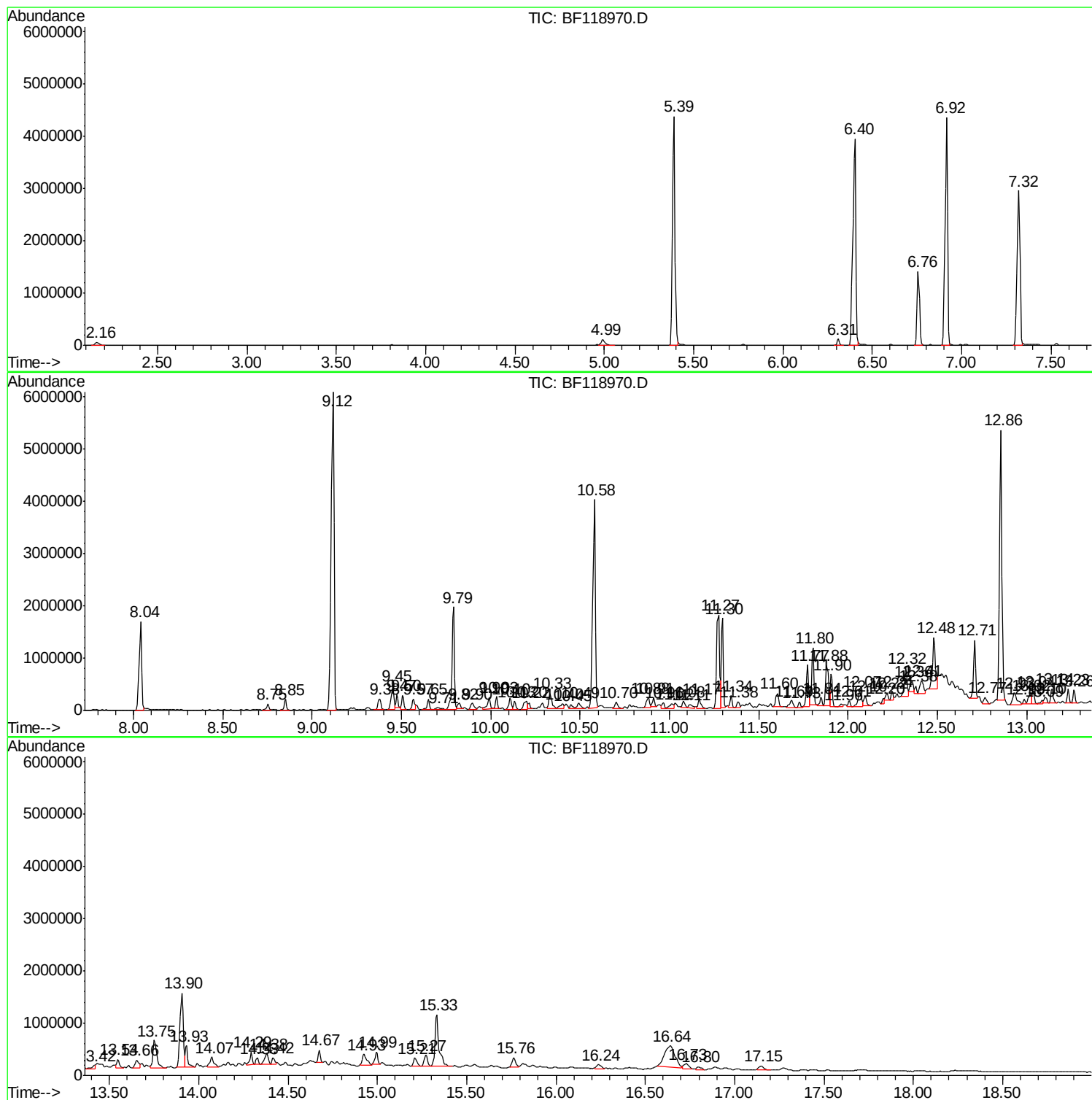
Sum of corrected areas: 64214606

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

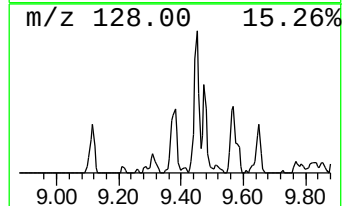
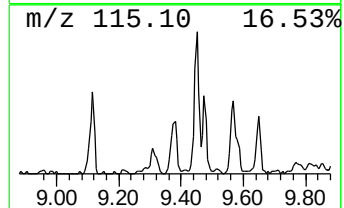
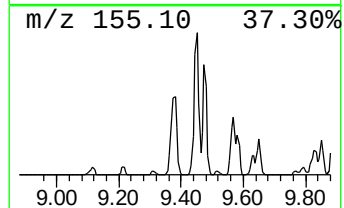
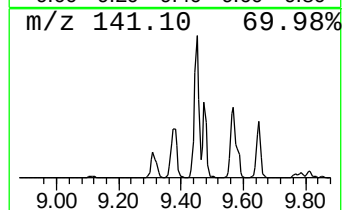
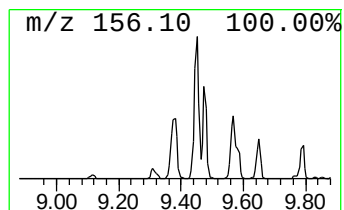
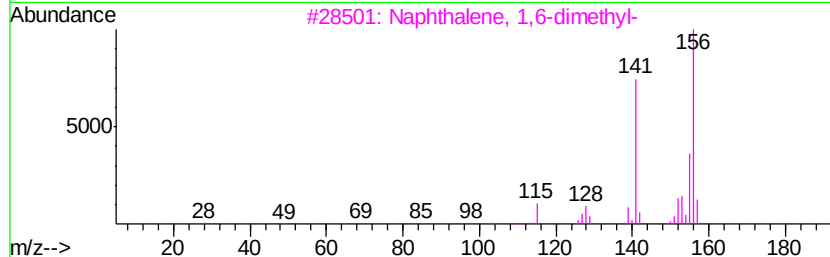
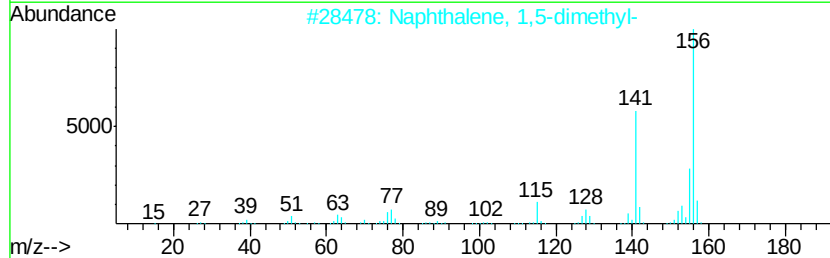
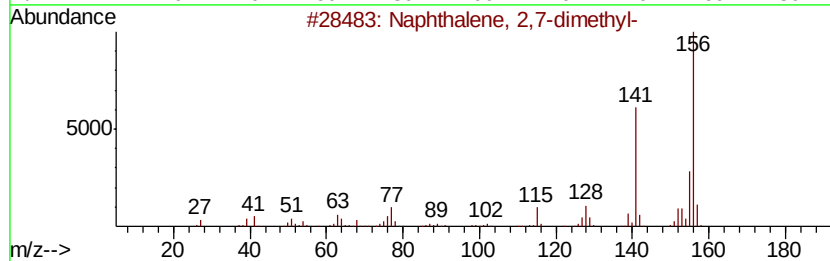
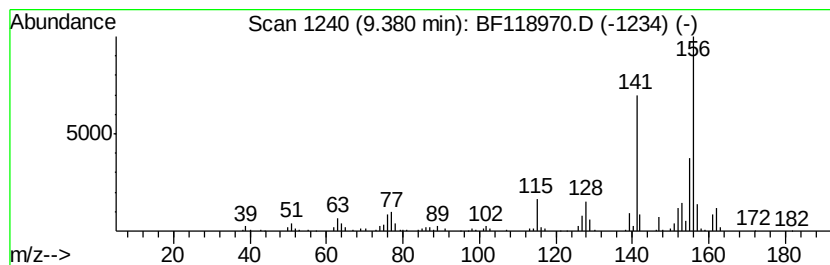
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.38	2.87 ng	274086	Acenaphthene-d10		9.79
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

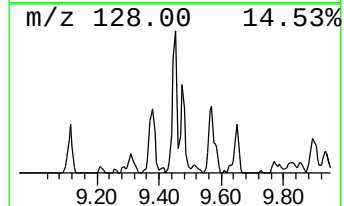
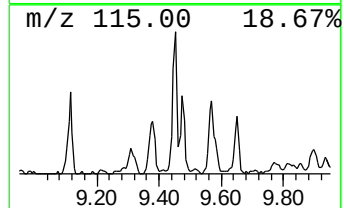
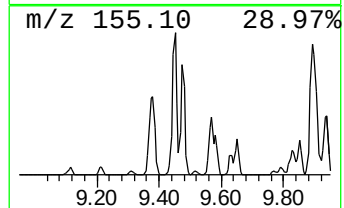
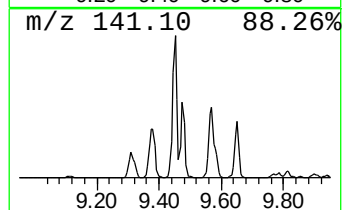
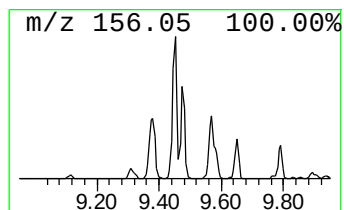
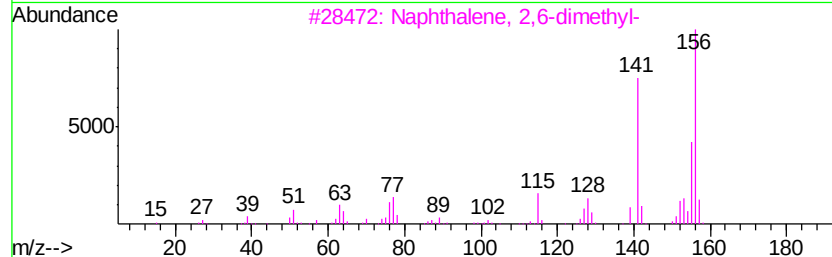
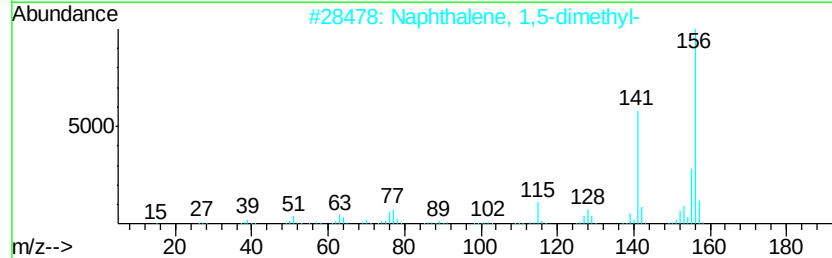
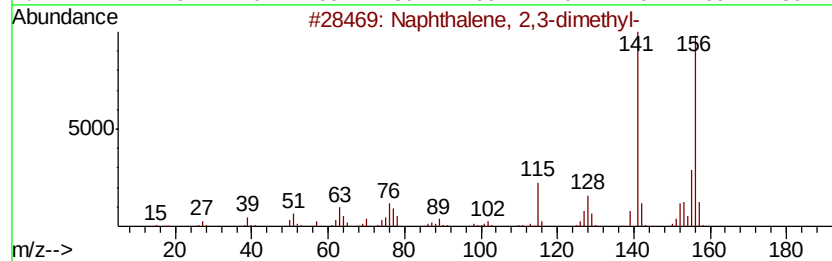
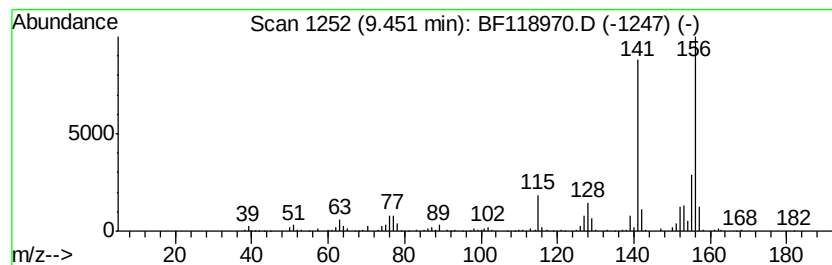
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.45	4.70 ng	448883	Acenaphthene-d10		9.79	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

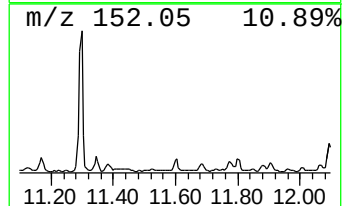
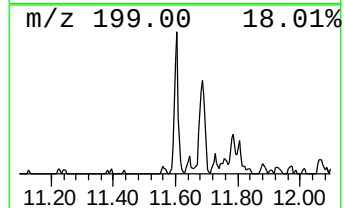
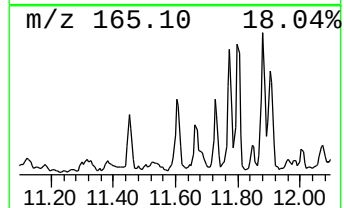
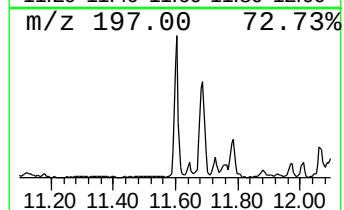
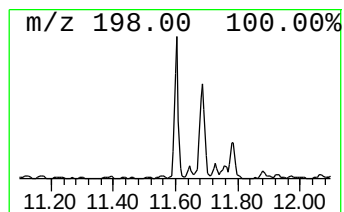
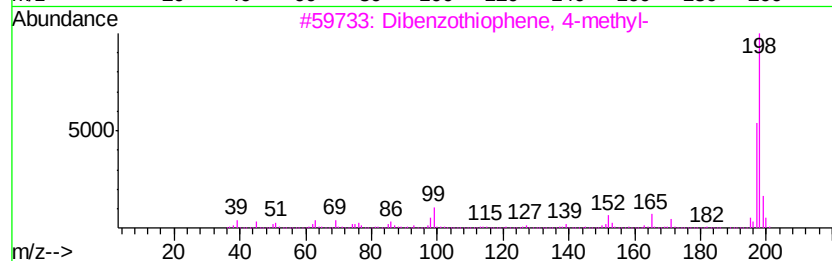
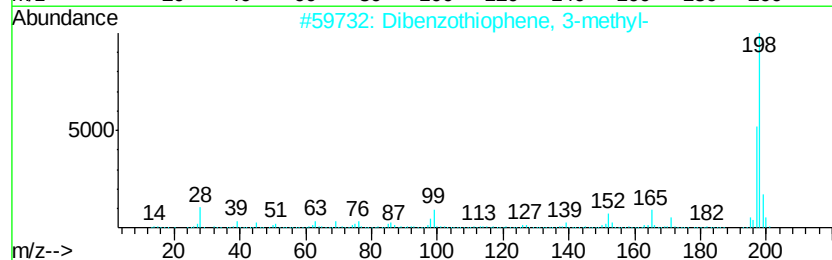
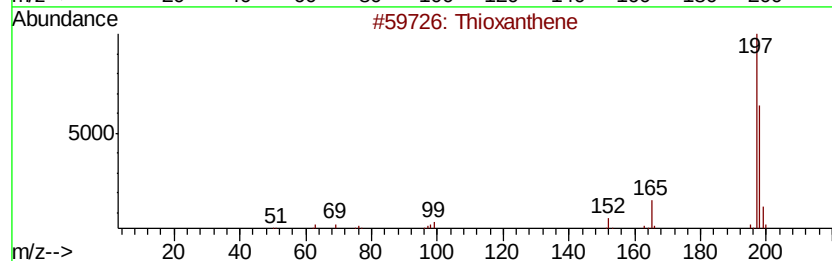
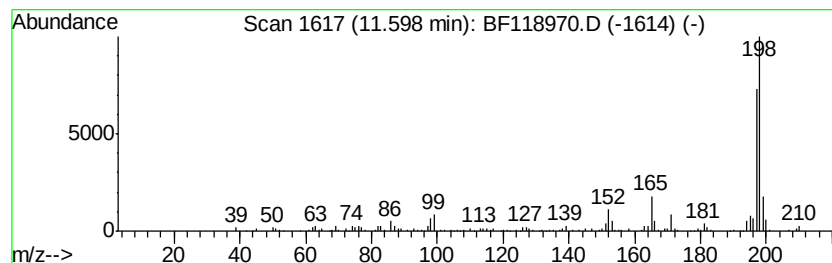
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Thioxanthene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.83 ng	263552	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thioxanthene	198	C13H10S	000261-31-4	93
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5		Tacrine	198	C13H14N2	000321-64-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

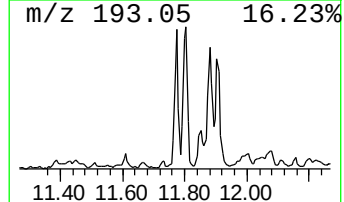
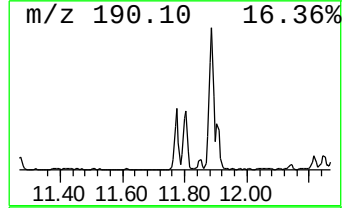
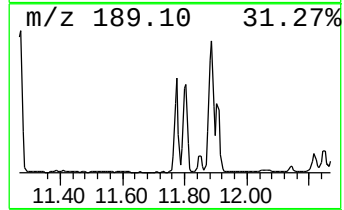
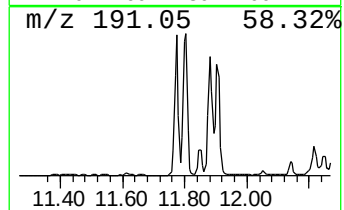
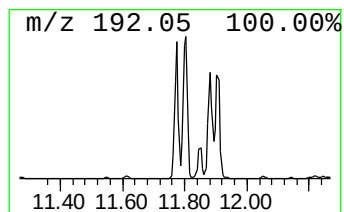
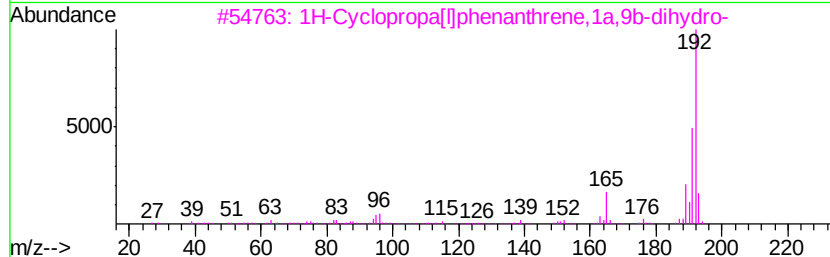
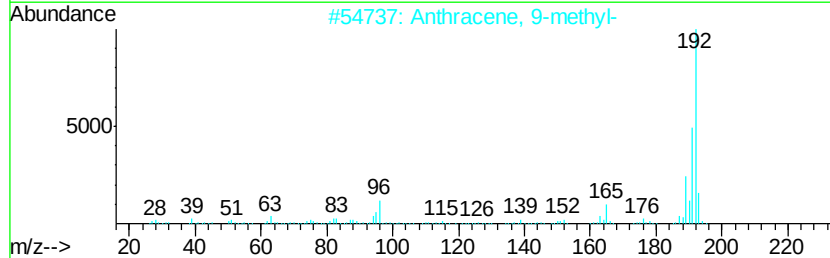
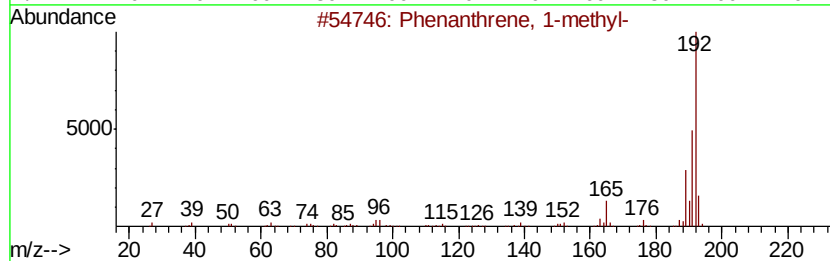
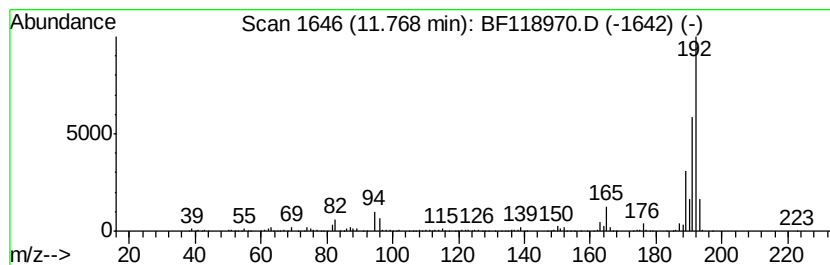
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	8.33 ng	775513	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

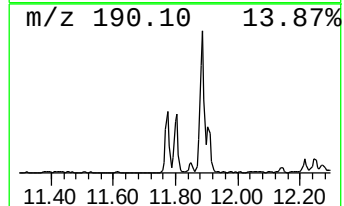
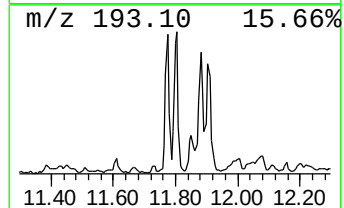
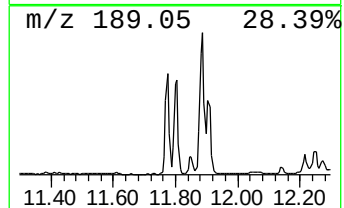
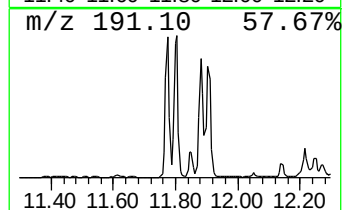
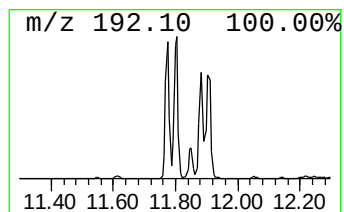
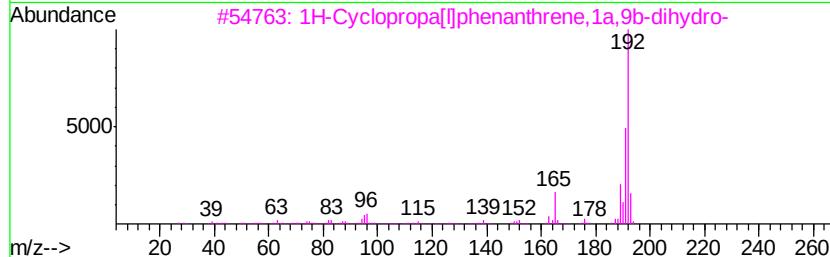
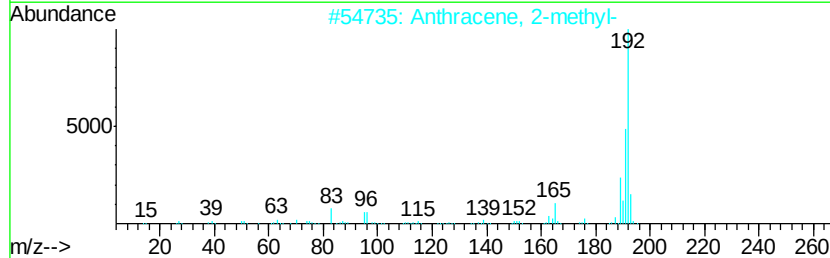
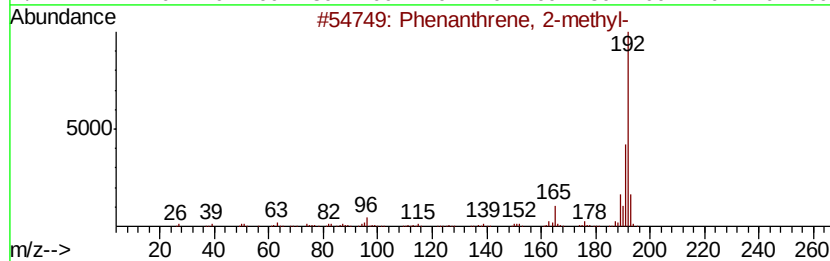
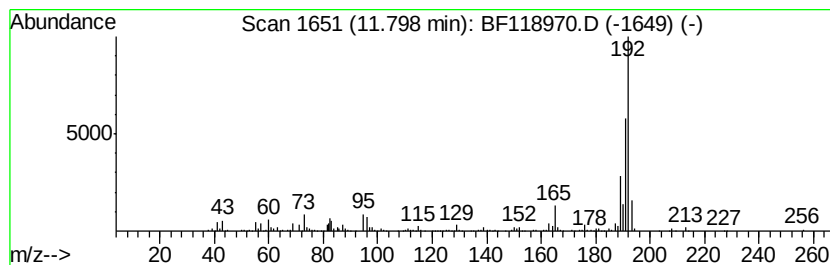
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	10.75 ng	1000800	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

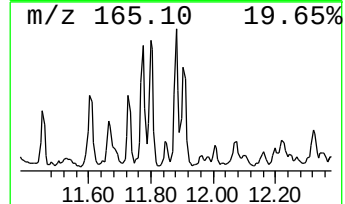
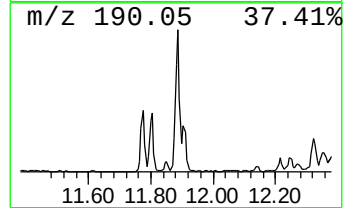
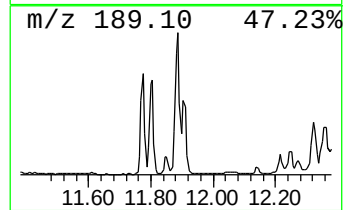
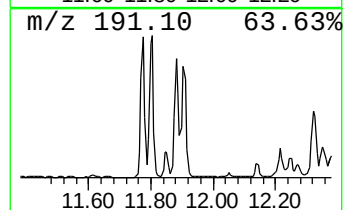
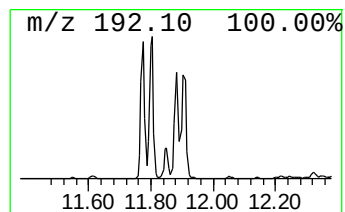
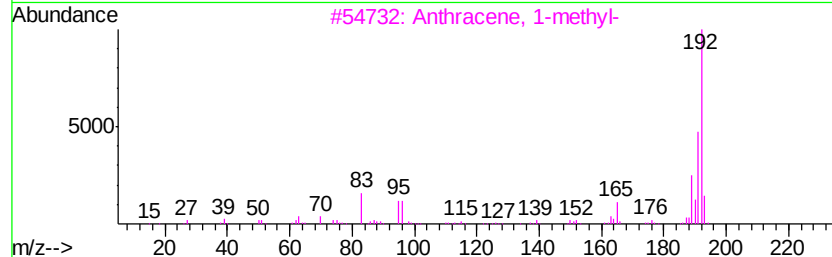
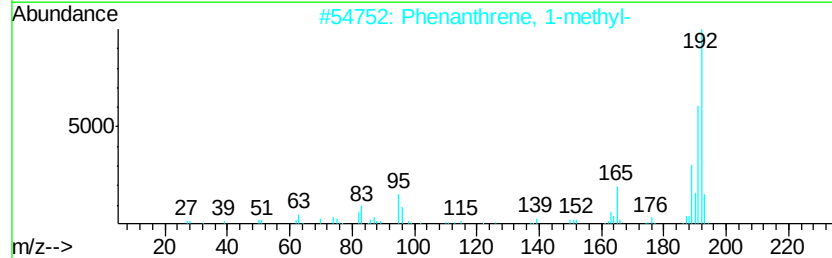
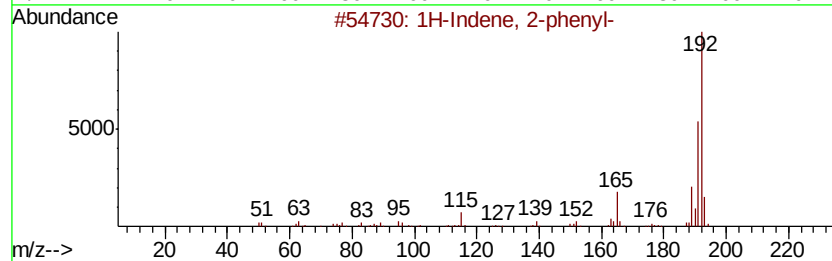
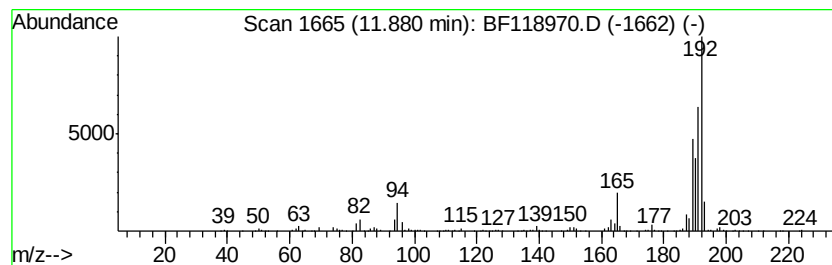
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	9.09 ng	846110	Phenanthrene-d10		11.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

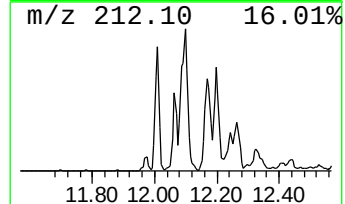
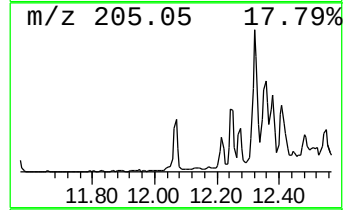
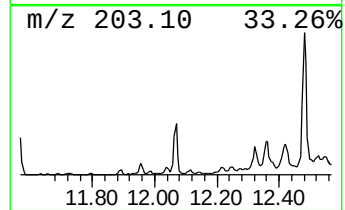
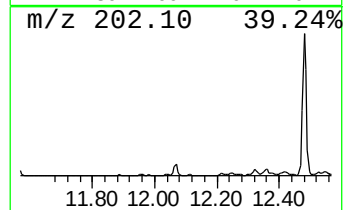
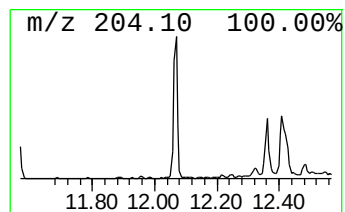
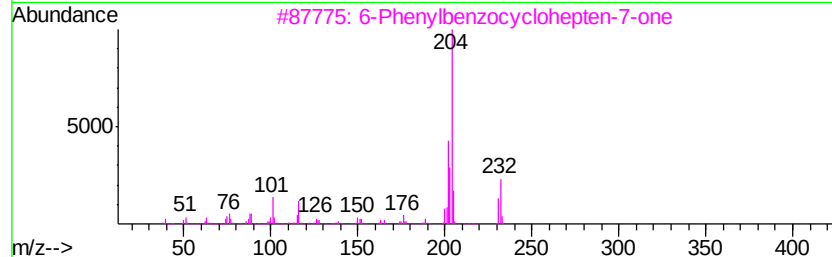
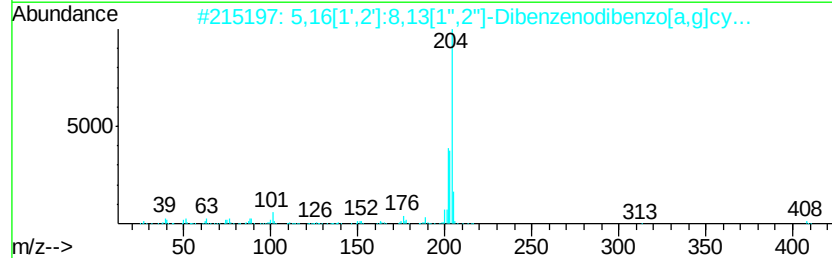
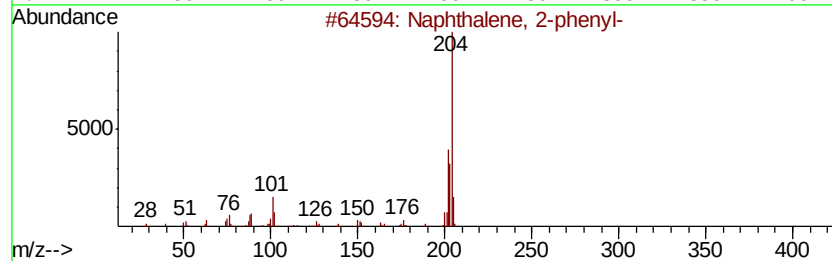
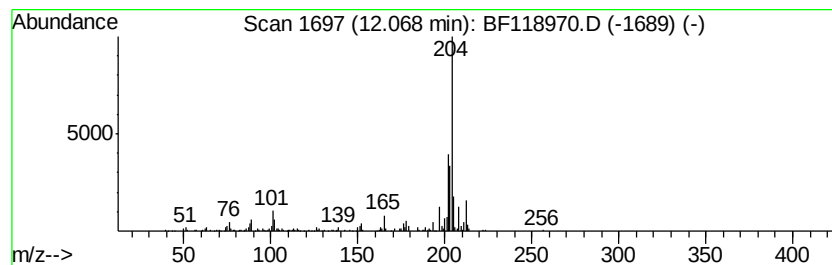
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.13 ng	384786	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

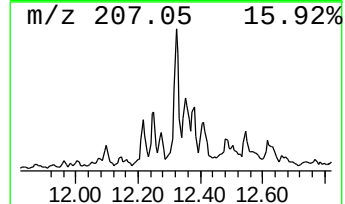
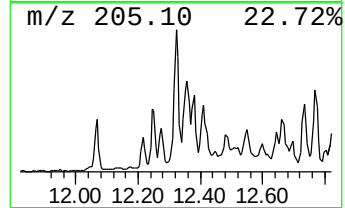
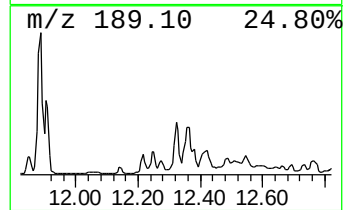
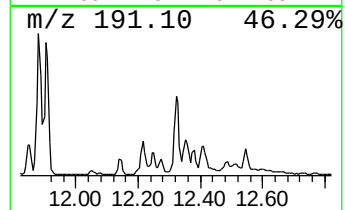
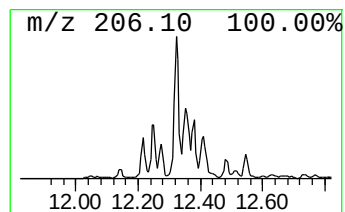
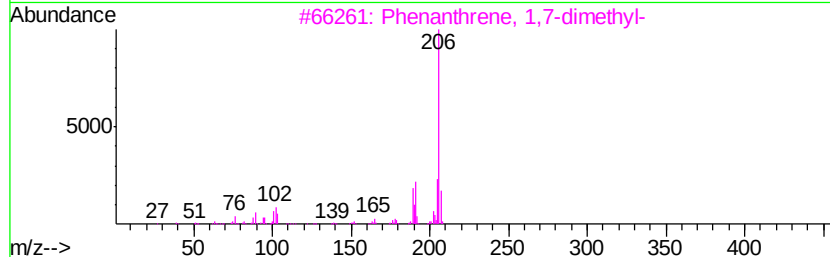
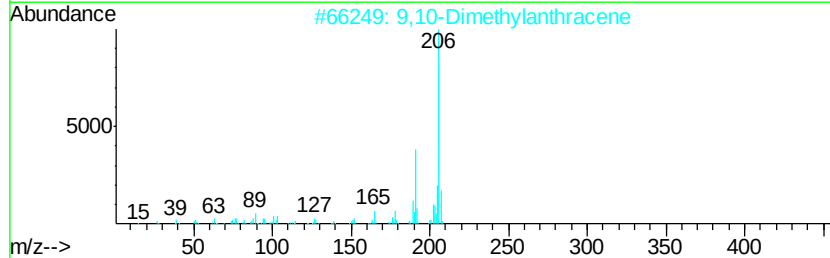
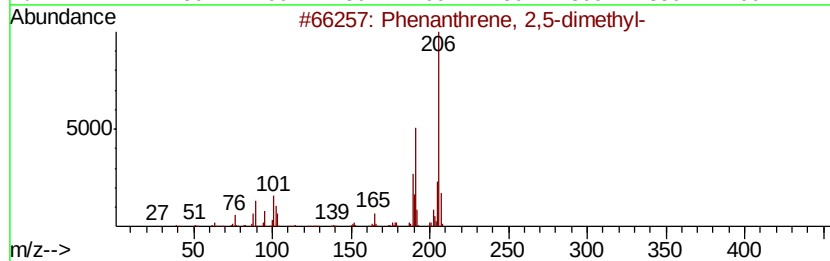
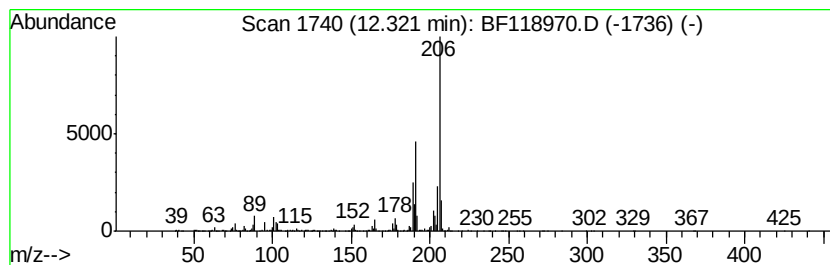
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.21 ng	578336	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

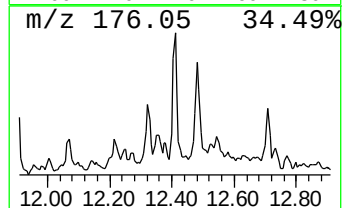
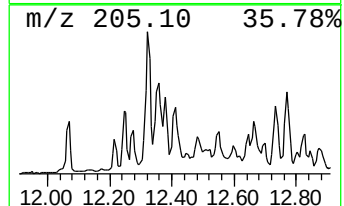
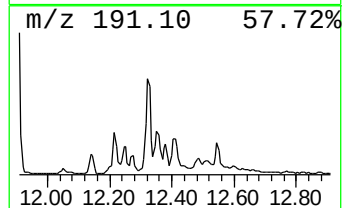
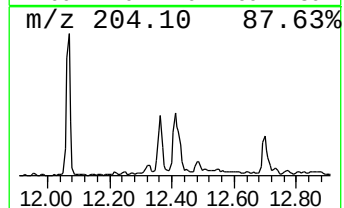
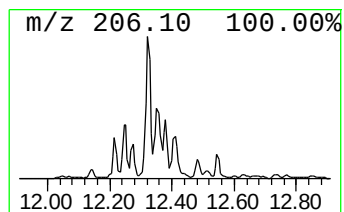
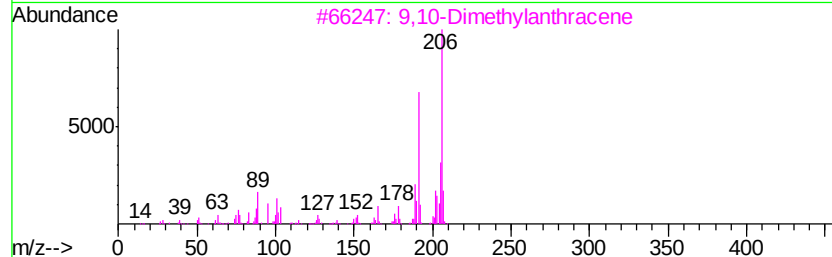
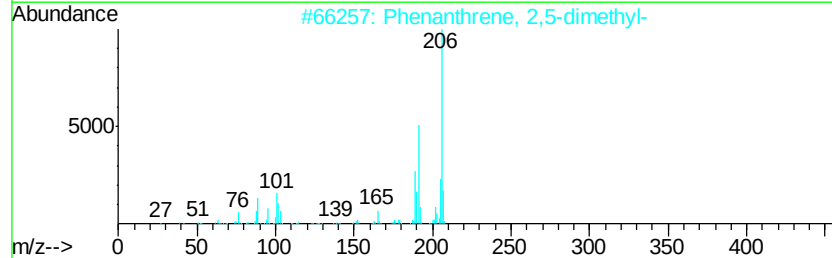
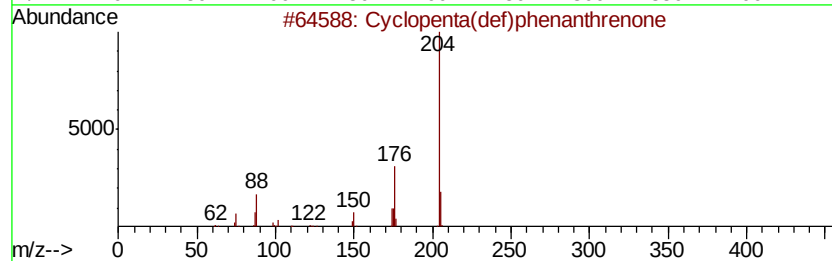
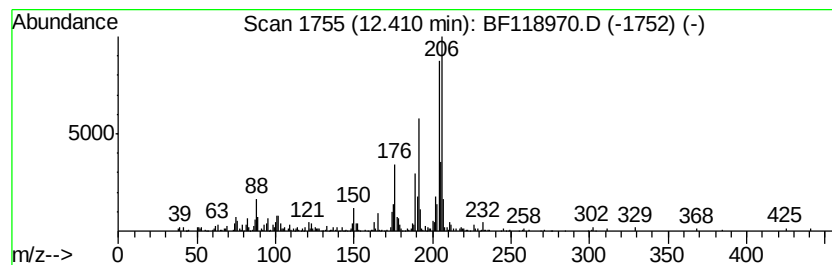
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.84 ng	357543	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	55
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

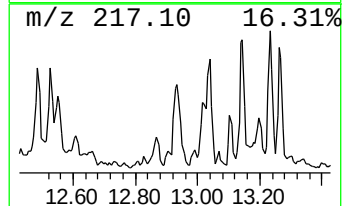
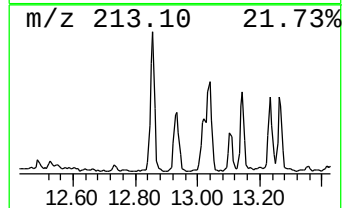
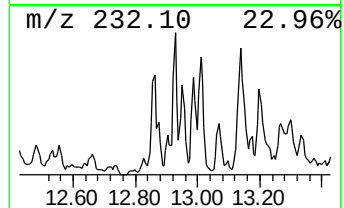
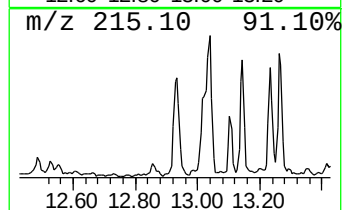
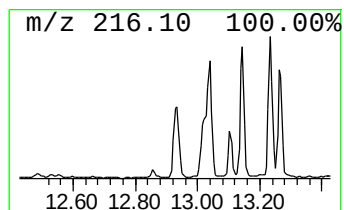
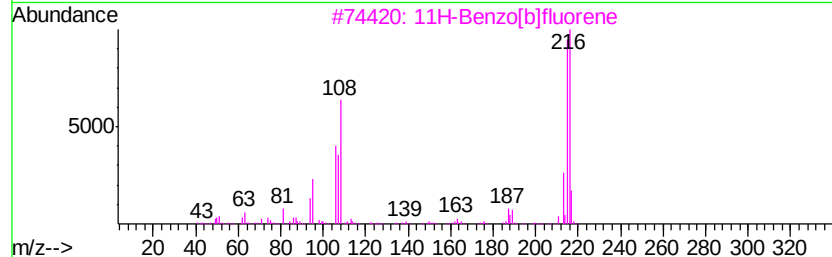
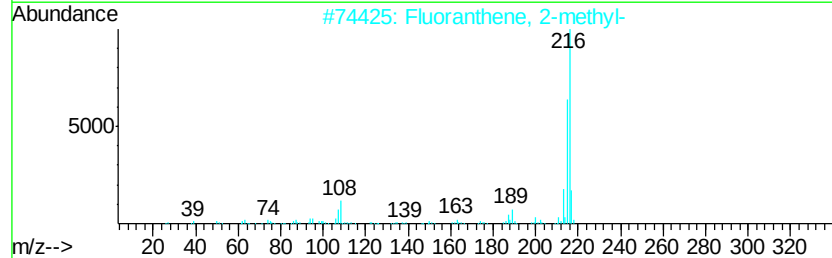
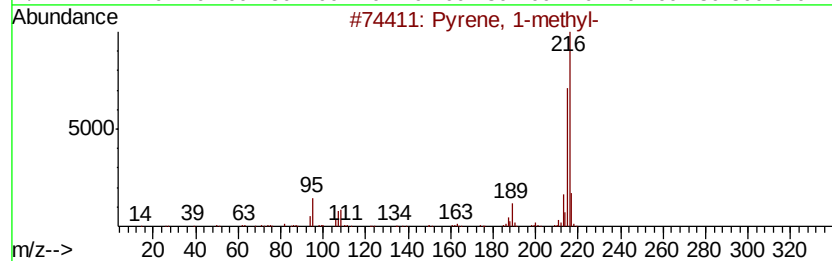
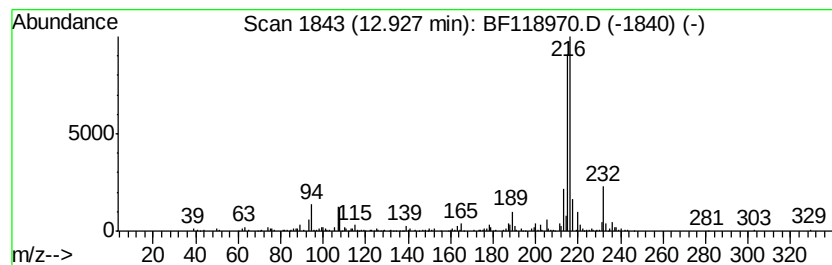
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.24 ng	352158	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 76
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 74
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

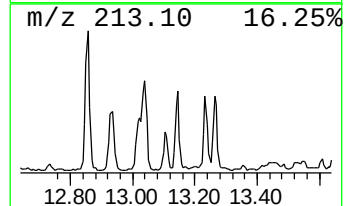
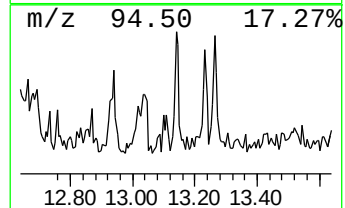
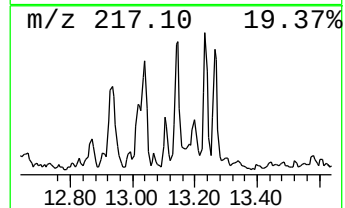
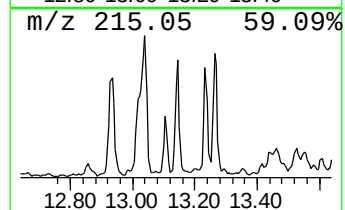
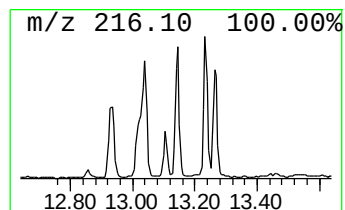
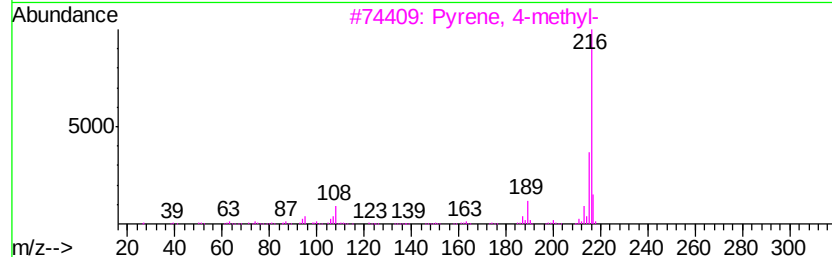
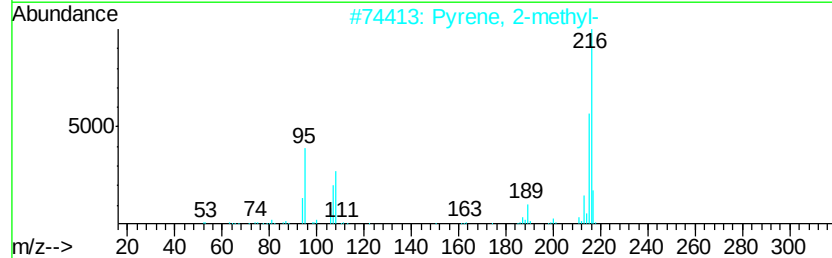
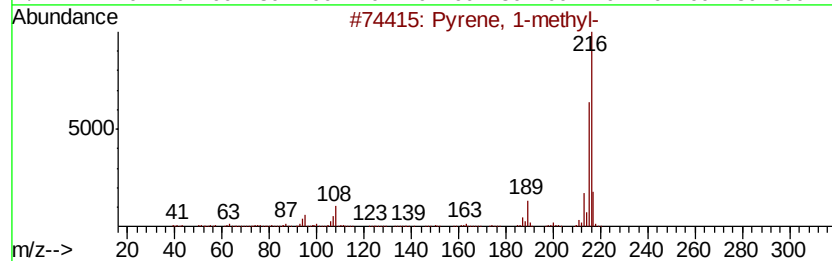
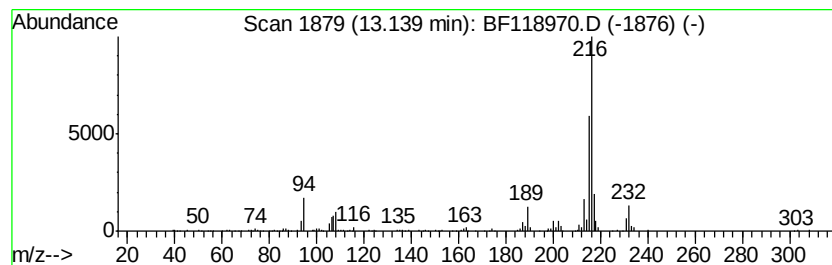
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.13 ng	259900	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 95
3		Pyrene, 4-methyl-	216 C17H12	003353-12-6 93
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

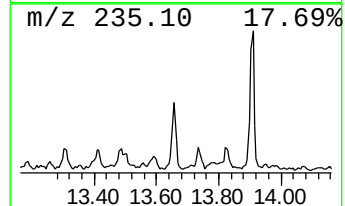
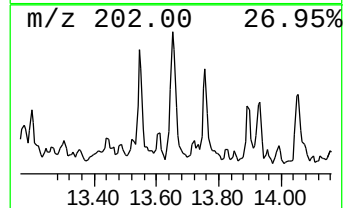
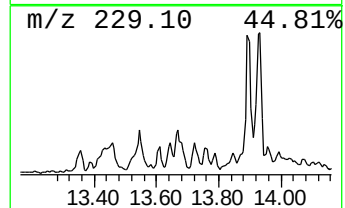
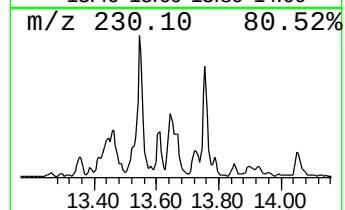
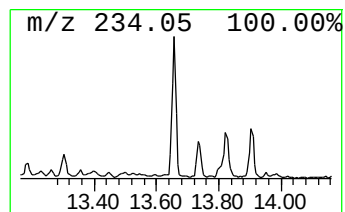
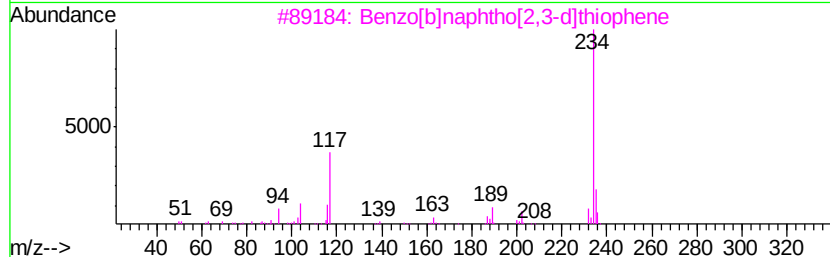
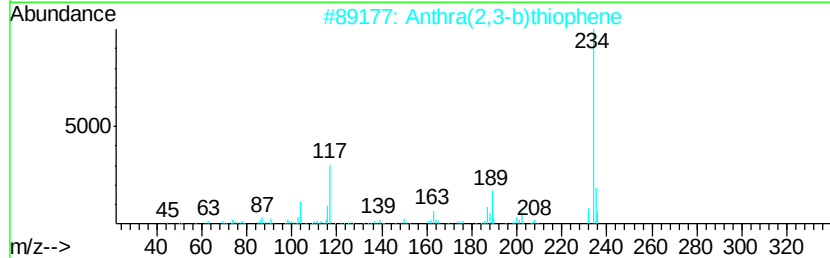
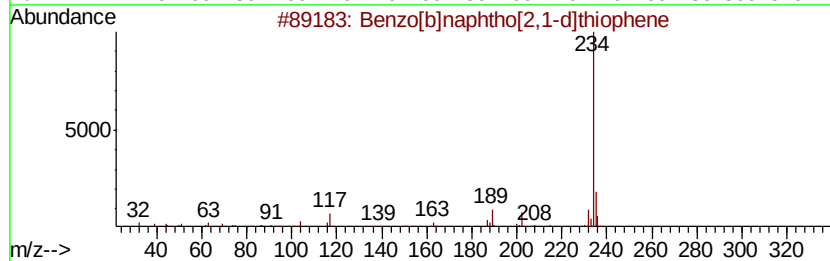
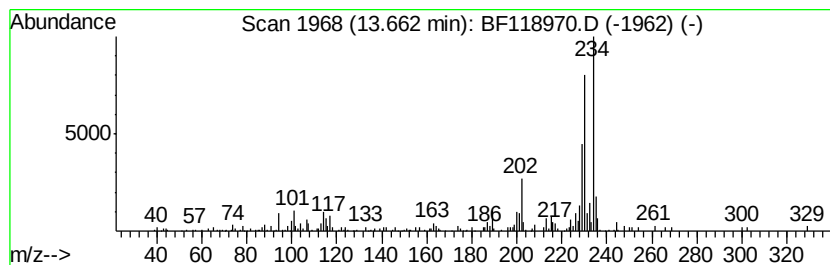
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.88 ng	238927	Chrysene-d12	13.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	83
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

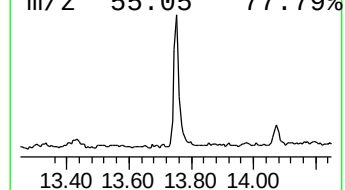
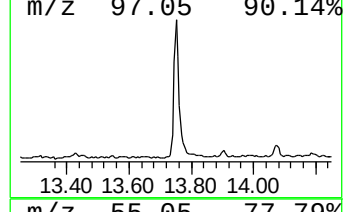
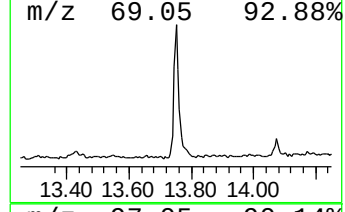
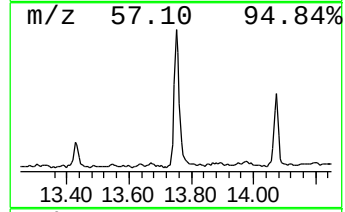
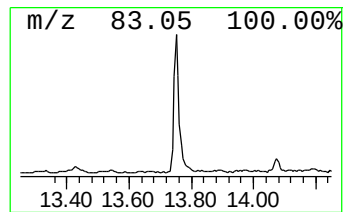
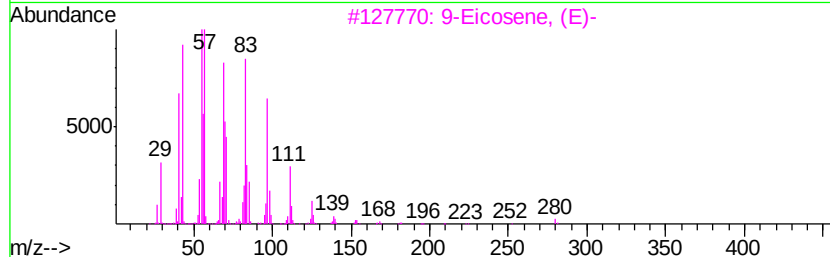
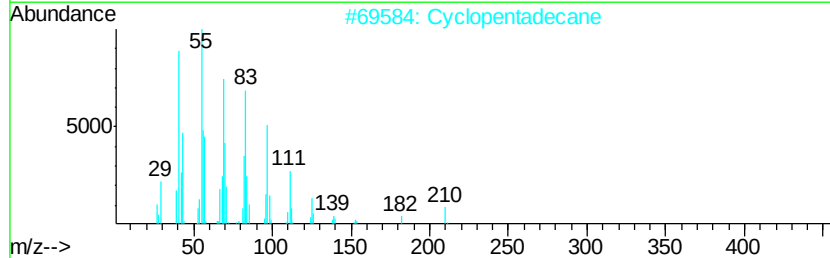
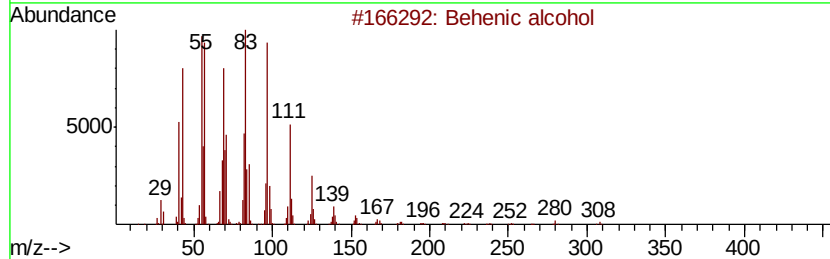
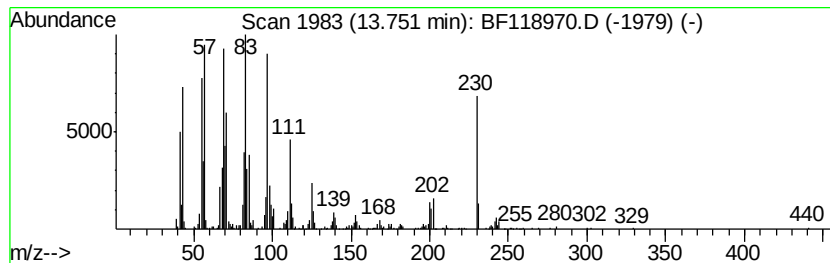
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.77 ng	727999	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 93
2		Cyclopentadecane	210 C15H30	000295-48-7 93
3		9-Eicosene, (E)-	280 C20H40	074685-29-3 93
4		1-Heneicosyl formate	340 C22H44O2	077899-03-7 93
5		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(8)

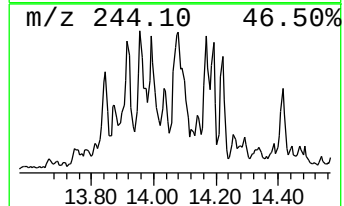
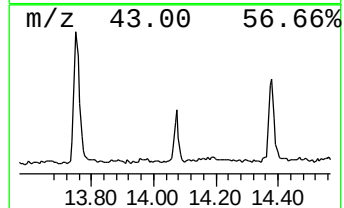
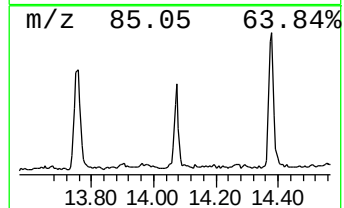
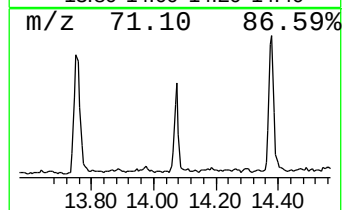
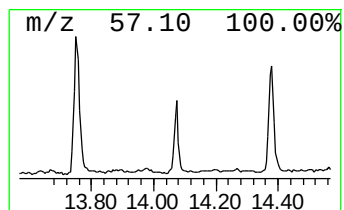
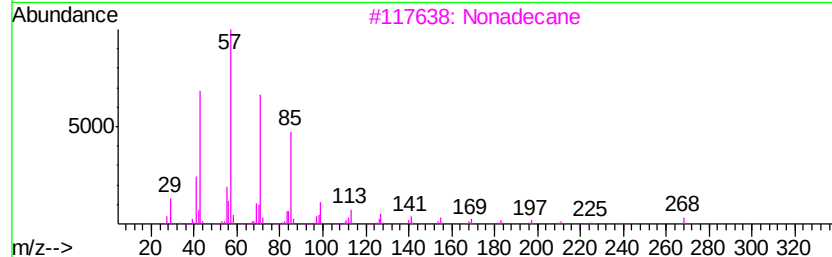
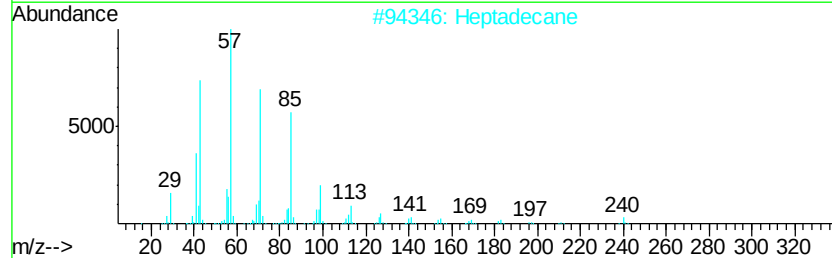
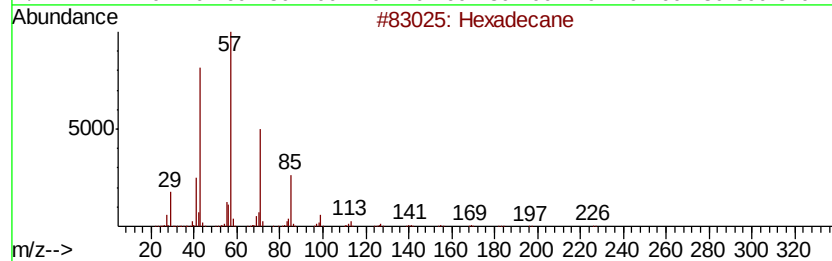
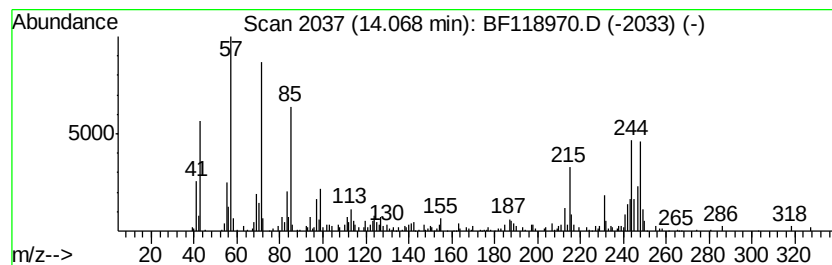
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.33 ng	276591	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptadecane	240	C17H36	000629-78-7	89
3		Nonadecane	268	C19H40	000629-92-5	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	50
5		Octacosane	394	C28H58	000630-02-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

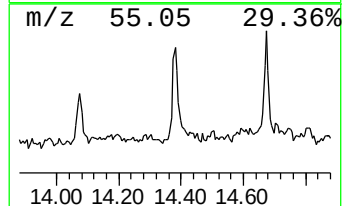
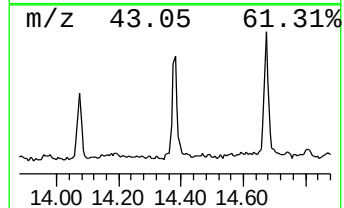
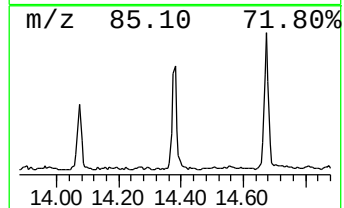
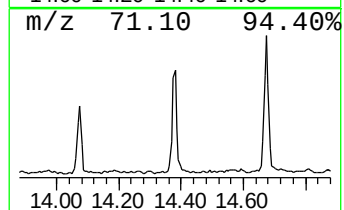
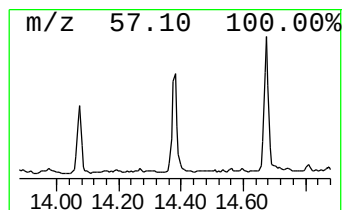
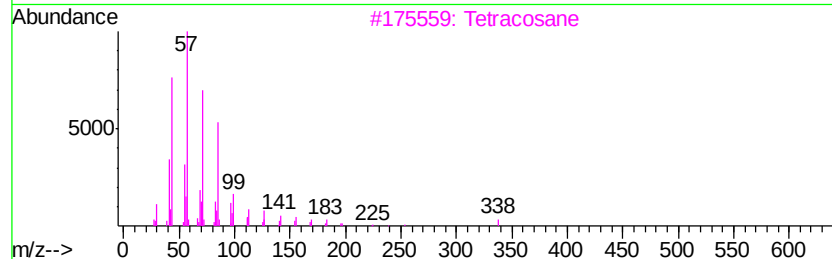
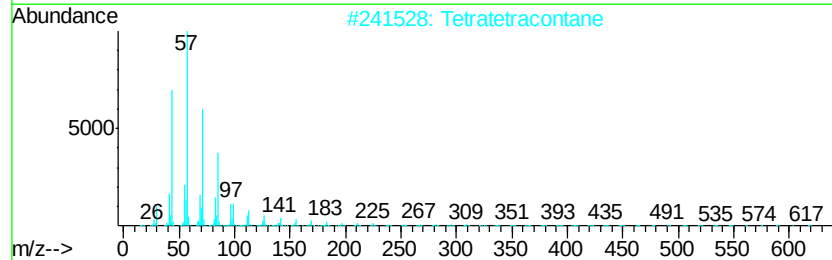
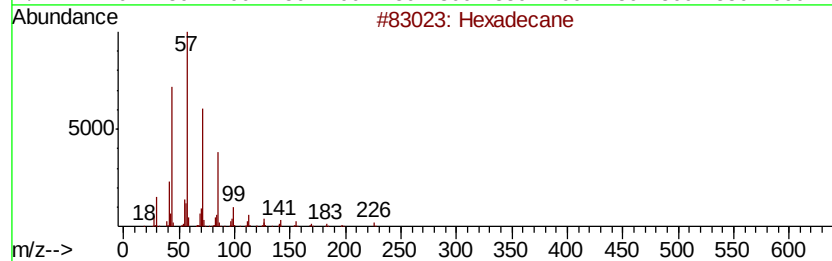
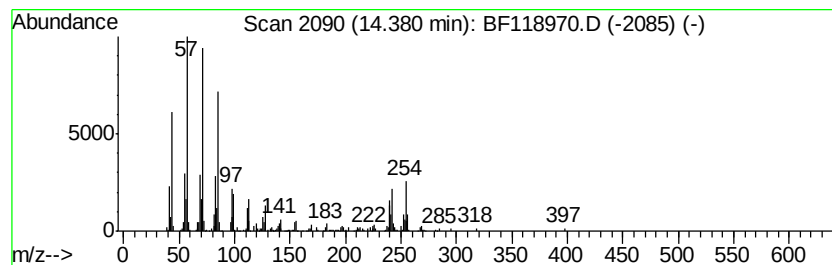
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.47 ng	288483	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Tetratetracontane	619	C44H90	007098-22-8	70
3		Tetracosane	338	C24H50	000646-31-1	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

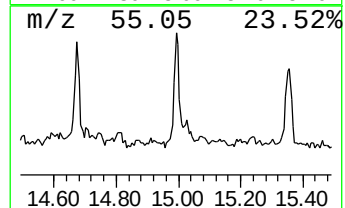
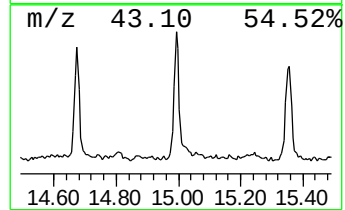
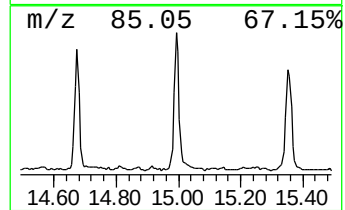
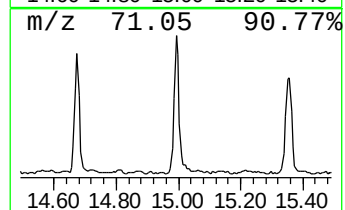
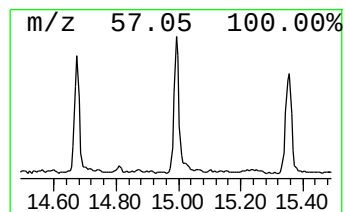
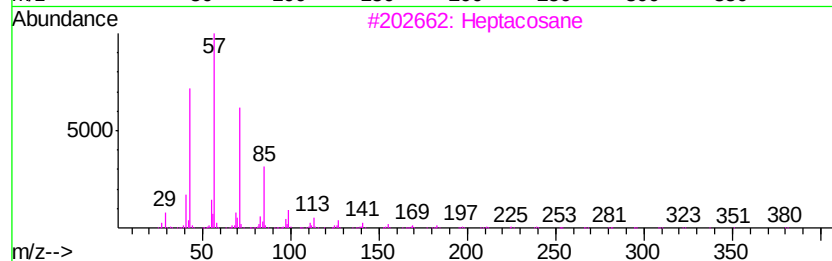
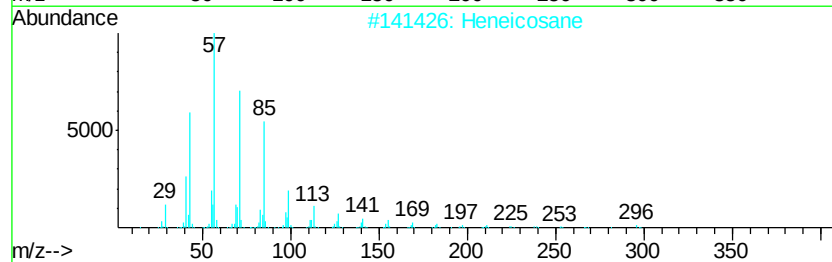
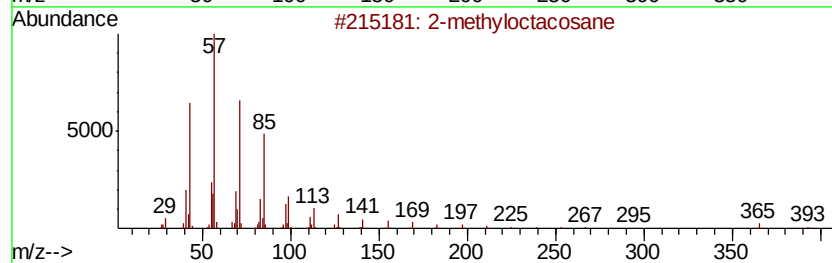
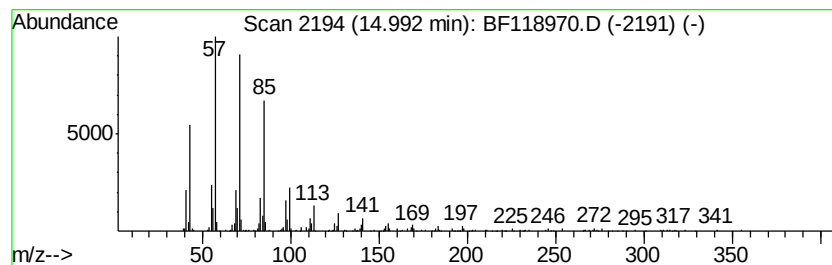
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.12 ng	243158	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

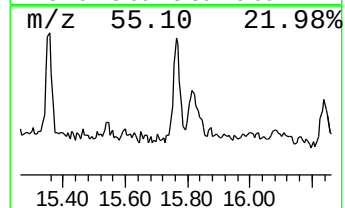
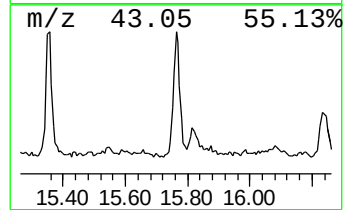
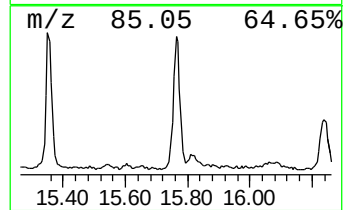
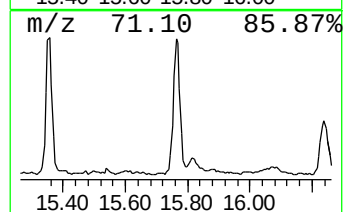
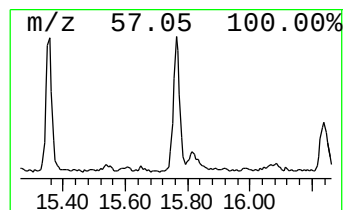
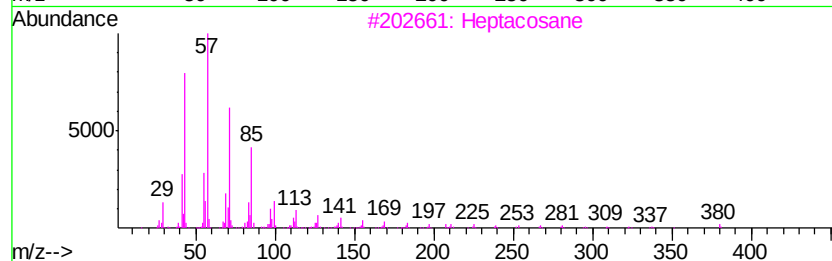
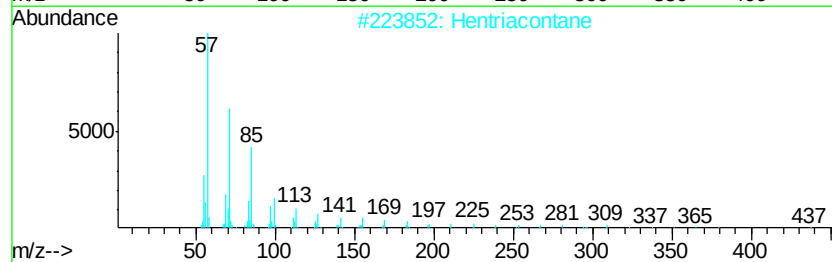
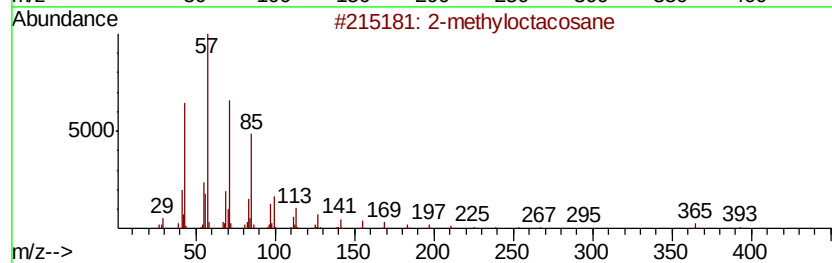
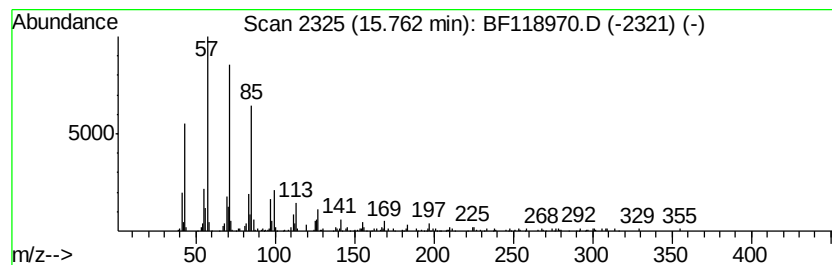
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hentriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.33 ng	259364	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118970.D
Acq On : 20 Feb 2020 20:44
Operator : CG/JU
Sample : L1546-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(8)

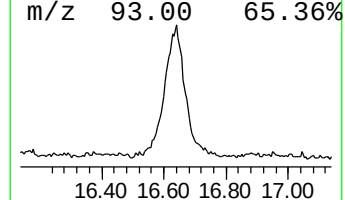
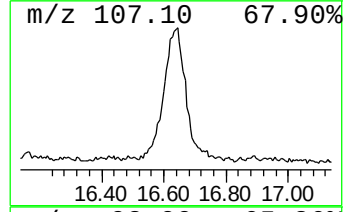
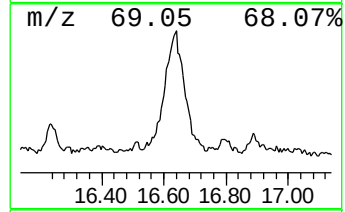
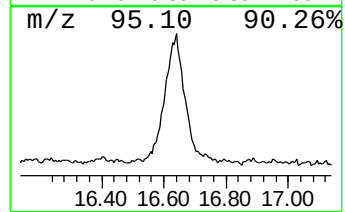
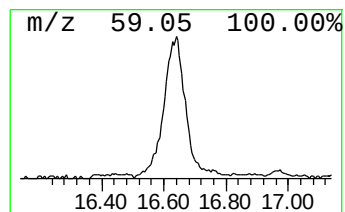
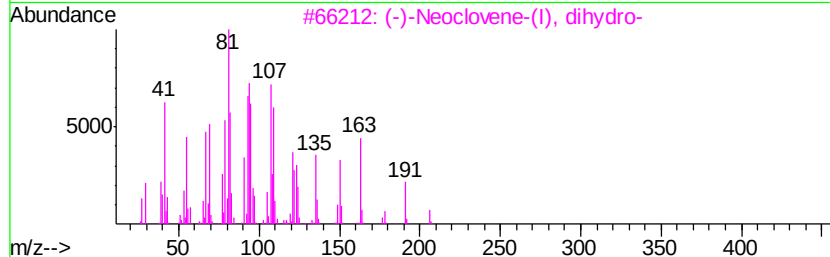
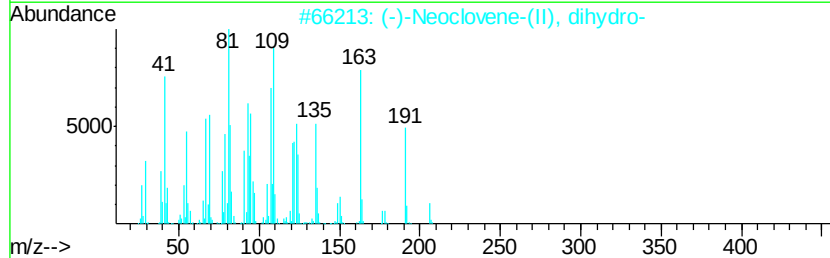
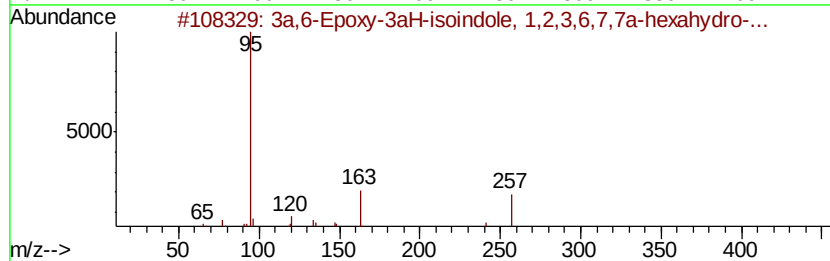
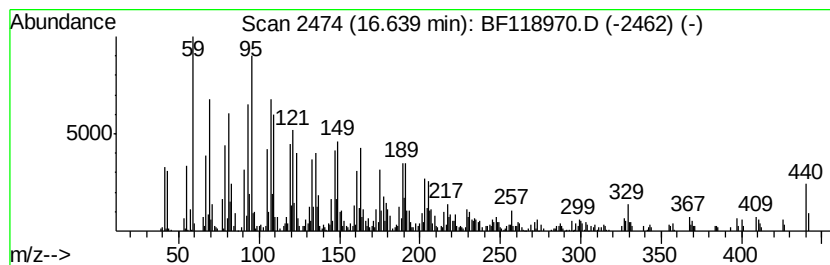
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	21.32 ng	1660890	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,6-Epoxy-3aH-isoindole, 1,2,3,...	257	C16H19N02	071840-22-7	38
2		(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	35
3		(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	35
4		d,l-trans-4-Methyl-5-methoxy-1-(...	184	C11H20O2	1000101-22-2	18
5		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
Naphthalene, 2,7-...	9.38	2.9 ng		274086	3	9.79	1908600	20.0
Naphthalene, 2,3-...	9.45	4.7 ng		448883	3	9.79	1908600	20.0
Thioxanthene	11.60	2.8 ng		263552	4	11.27	1861360	20.0
Phenanthrene, 1-m...	11.77	8.3 ng		775513	4	11.27	1861360	20.0
Phenanthrene, 2-m...	11.80	10.8 ng		1000800	4	11.27	1861360	20.0
1H-Indene, 2-phenyl-	11.88	9.1 ng		846110	4	11.27	1861360	20.0
Naphthalene, 2-ph...	12.07	4.1 ng		384786	4	11.27	1861360	20.0
9,10-Dimethylanthe...	12.32	6.2 ng		578336	4	11.27	1861360	20.0
Cyclopenta(def)ph...	12.41	3.8 ng		357543	4	11.27	1861360	20.0
Pyrene, 1-methyl-	12.93	4.2 ng		352158	5	13.90	1661010	20.0
Pyrene, 2-methyl-	13.14	3.1 ng		259900	5	13.90	1661010	20.0
Benzo[b]naphtho[2...	13.66	2.9 ng		238927	5	13.90	1661010	20.0
Behenic alcohol	13.75	8.8 ng		727999	5	13.90	1661010	20.0
Hexadecane	14.07	3.3 ng		276591	5	13.90	1661010	20.0
Tetratetracontane	14.38	3.5 ng		288483	5	13.90	1661010	20.0
2-methyloctacosane	14.99	3.1 ng		243158	6	15.33	1558200	20.0
Hentriacontane	15.76	3.3 ng		259364	6	15.33	1558200	20.0
unknown16.64	16.64	21.3 ng		1660890	6	15.33	1558200	20.0