

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119356.D
 Acq On : 11 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1871-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

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	4.916	477	481	495	rBV	198090	295262	10.68%	0.941%
2	5.345	551	554	586	rBV	1339882	1915519	69.30%	6.102%
3	6.375	726	729	756	rBV	1626488	1932240	69.90%	6.155%
4	6.716	784	787	799	rBV	625231	576561	20.86%	1.837%
5	6.875	810	814	827	rBV	1735213	1735797	62.79%	5.529%
6	7.286	880	884	912	rBV	1207057	1325189	47.94%	4.221%
7	7.998	1002	1005	1023	rVB	773602	764552	27.66%	2.435%
8	9.075	1184	1188	1199	rBV	2823950	2525219	91.35%	8.044%
9	9.475	1253	1256	1262	rVB	175278	174538	6.31%	0.556%
10	9.751	1299	1303	1306	rBV	1074289	948344	34.31%	3.021%
11	9.786	1306	1309	1319	rVB	90368	96052	3.47%	0.306%
12	9.963	1334	1339	1343	rBV2	34470	37319	1.35%	0.119%
13	10.304	1391	1397	1403	rBV2	74972	83997	3.04%	0.268%
14	10.457	1421	1423	1426	rVB	29983	27701	1.00%	0.088%
15	10.545	1434	1438	1452	rBV	1987546	1871766	67.71%	5.962%
16	10.851	1483	1490	1493	rBV3	37300	51891	1.88%	0.165%
17	10.933	1497	1504	1506	rVB5	18011	28409	1.03%	0.090%
18	10.974	1506	1511	1513	rBV2	36111	43222	1.56%	0.138%
19	11.092	1528	1531	1534	rBV3	41672	47959	1.73%	0.153%
20	11.139	1536	1539	1544	rVB	40627	41929	1.52%	0.134%
21	11.239	1552	1556	1558	rBV	1125950	1069389	38.69%	3.406%
22	11.263	1558	1560	1564	rVV	879772	745942	26.99%	2.376%
23	11.316	1564	1569	1573	rVV	193422	187578	6.79%	0.597%
24	11.480	1592	1597	1603	rBV3	74613	121527	4.40%	0.387%
25	11.527	1603	1605	1607	rVB2	38195	28960	1.05%	0.092%
26	11.739	1638	1641	1643	rBV	146859	120974	4.38%	0.385%
27	11.769	1643	1646	1652	rVV	341685	359146	12.99%	1.144%
28	11.816	1652	1654	1657	rVV	84001	87284	3.16%	0.278%
29	11.851	1657	1660	1663	rVV	235002	264061	9.55%	0.841%
30	11.874	1663	1664	1670	rVB	106284	77696	2.81%	0.247%
31	12.033	1688	1691	1696	rVB	107787	101731	3.68%	0.324%
32	12.080	1696	1699	1702	rBV	69806	60692	2.20%	0.193%
33	12.180	1713	1716	1720	rBV2	35147	36043	1.30%	0.115%
34	12.292	1731	1735	1737	rBV	92508	93602	3.39%	0.298%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031120\
 Data File : BF119356.D
 Acq On : 11 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1871-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

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	12.327	1737	1741	1744	rVV3	53649	94172	3.41%	0.300%
36	12.392	1747	1752	1759	rVB3	52684	89502	3.24%	0.285%
37	12.451	1759	1762	1767	rBV	1356953	1262716	45.68%	4.022%
38	12.521	1771	1774	1777	rVV2	24903	34311	1.24%	0.109%
39	12.551	1777	1779	1785	rVV3	46381	61688	2.23%	0.196%
40	12.604	1785	1788	1791	rVV	79164	77353	2.80%	0.246%
41	12.680	1795	1801	1807	rVV	1218318	1365256	49.39%	4.349%
42	12.733	1807	1810	1816	rVB2	73541	87925	3.18%	0.280%
43	12.816	1820	1824	1828	rVV	2786773	2764259	100.00%	8.805%
44	12.857	1828	1831	1835	rVB	59149	67200	2.43%	0.214%
45	12.904	1835	1839	1844	rBV2	81379	139837	5.06%	0.445%
46	12.992	1850	1854	1855	rBV3	64356	80733	2.92%	0.257%
47	13.015	1855	1858	1861	rVB	166890	169414	6.13%	0.540%
48	13.080	1866	1869	1871	rVV	142693	132494	4.79%	0.422%
49	13.116	1871	1875	1883	rVV3	137457	223055	8.07%	0.711%
50	13.174	1883	1885	1888	rVB3	33580	31548	1.14%	0.100%
51	13.210	1888	1891	1894	rBV	71711	67717	2.45%	0.216%
52	13.245	1894	1897	1906	rVB3	64135	96752	3.50%	0.308%
53	13.386	1918	1921	1923	rBV2	41828	37918	1.37%	0.121%
54	13.533	1942	1946	1952	rVB2	46502	75110	2.72%	0.239%
55	13.657	1964	1967	1970	rVB2	92553	98443	3.56%	0.314%
56	13.686	1970	1972	1974	rBV	68569	64938	2.35%	0.207%
57	13.715	1974	1977	1981	rBV3	160777	255893	9.26%	0.815%
58	13.804	1987	1992	1996	rVB	24646	39710	1.44%	0.126%
59	13.880	1998	2005	2008	rBV2	1086877	1478093	53.47%	4.708%
60	13.910	2008	2010	2013	rVB	418602	373349	13.51%	1.189%
61	13.992	2021	2024	2028	rVB	85592	88898	3.22%	0.283%
62	14.027	2028	2030	2032	rBV2	42890	45515	1.65%	0.145%
63	14.051	2032	2034	2038	rVV3	43768	55700	2.02%	0.177%
64	14.092	2038	2041	2044	rVV	27548	47566	1.72%	0.152%
65	14.121	2044	2046	2049	rVB	40479	38714	1.40%	0.123%
66	14.274	2067	2072	2075	rBV	112166	150230	5.43%	0.479%
67	14.304	2075	2077	2080	rVV	43183	47495	1.72%	0.151%
68	14.333	2080	2082	2086	rVV3	75704	107889	3.90%	0.344%
69	14.374	2086	2089	2091	rVV2	53844	67503	2.44%	0.215%
70	14.398	2091	2093	2095	rVV2	60045	68645	2.48%	0.219%
71	14.462	2099	2104	2107	rVB2	28285	43265	1.57%	0.138%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031120\
 Data File : BF119356.D
 Acq On : 11 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1871-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	14.627	2130	2132	2135	rVB	64407	56133	2.03%	0.179%
73	14.692	2140	2143	2146	rVB3	27907	35514	1.28%	0.113%
74	14.762	2151	2155	2160	rBV3	56088	86907	3.14%	0.277%
75	14.862	2169	2172	2176	rBV	26576	34247	1.24%	0.109%
76	14.910	2176	2180	2183	rVV	385084	549318	19.87%	1.750%
77	14.939	2183	2185	2190	rVB2	204679	236298	8.55%	0.753%
78	15.015	2195	2198	2203	rVB	87860	99531	3.60%	0.317%
79	15.198	2225	2229	2233	rBV	185547	225550	8.16%	0.718%
80	15.257	2236	2239	2243	rBV	326498	372325	13.47%	1.186%
81	15.309	2243	2248	2253	rBV	587400	730381	26.42%	2.326%
82	15.486	2274	2278	2282	rBV3	34811	56582	2.05%	0.180%
83	15.698	2310	2314	2318	rBV	58062	77393	2.80%	0.247%
84	15.792	2325	2330	2338	rBV5	32618	90888	3.29%	0.290%
85	15.862	2339	2342	2351	rVB5	32446	53048	1.92%	0.169%
86	16.162	2389	2393	2397	rBV3	31819	53407	1.93%	0.170%
87	16.533	2452	2456	2460	rVB3	22010	32563	1.18%	0.104%
88	16.733	2482	2490	2498	rVB	138031	301301	10.90%	0.960%
89	16.892	2513	2517	2523	rVV2	29850	53013	1.92%	0.169%
90	16.945	2523	2526	2534	rVB2	29682	55049	1.99%	0.175%
91	17.156	2557	2562	2572	rBV	104551	225833	8.17%	0.719%
92	17.415	2602	2606	2613	rVB	31670	59806	2.16%	0.191%

Sum of corrected areas: 31393984

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

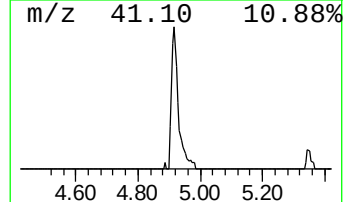
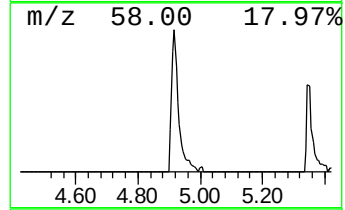
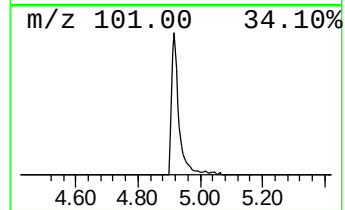
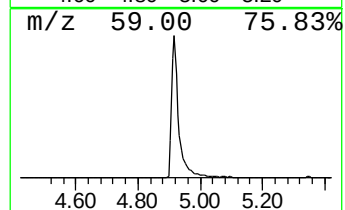
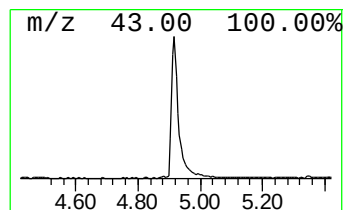
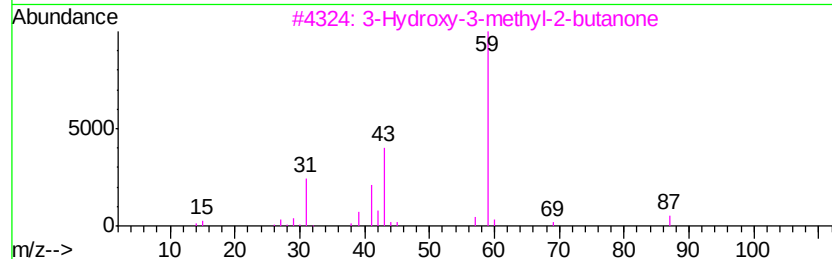
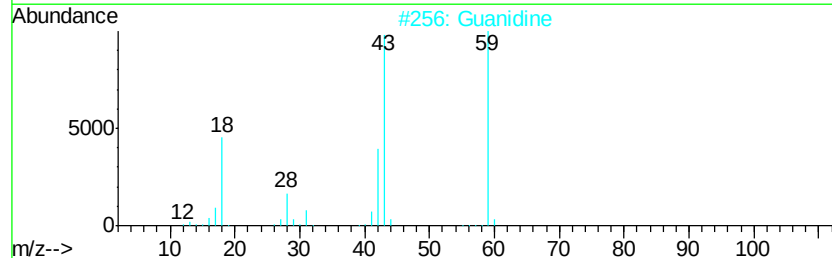
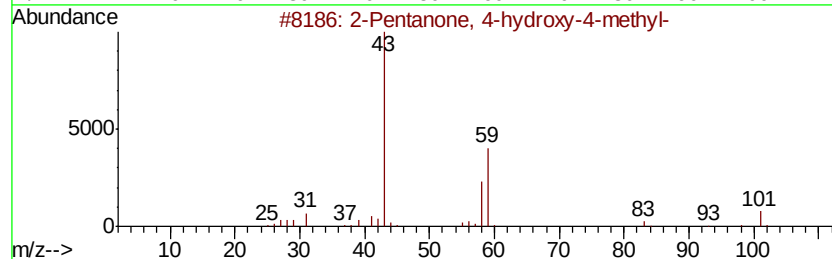
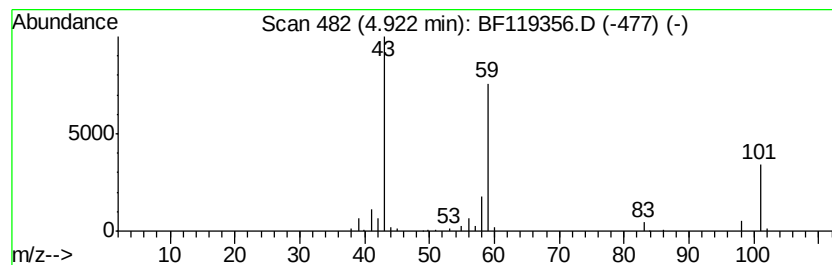
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.24 ng	295262	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

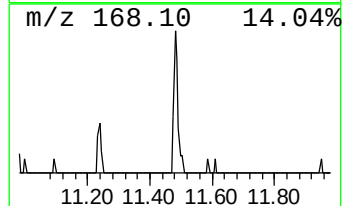
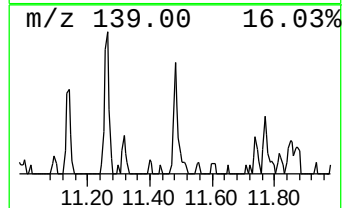
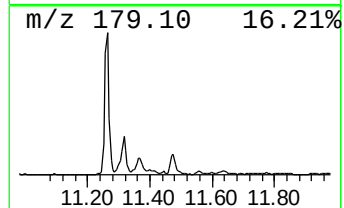
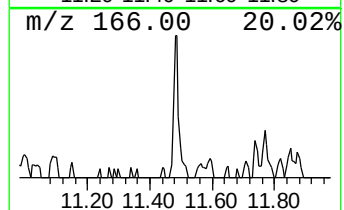
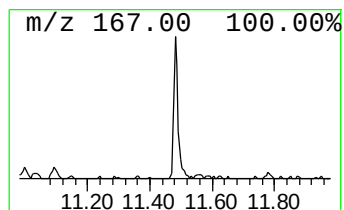
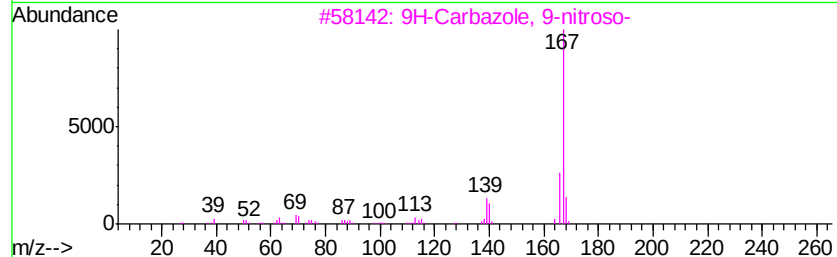
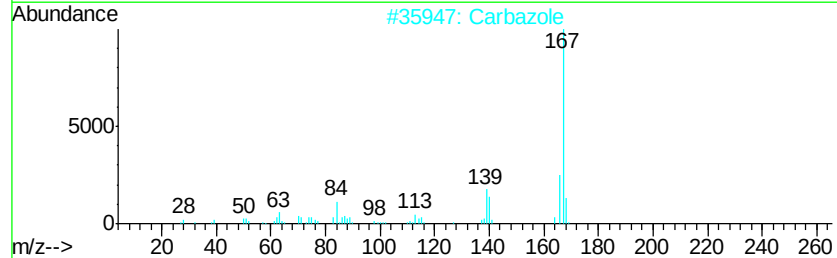
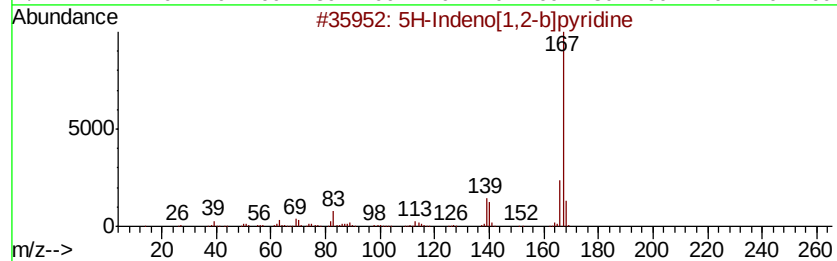
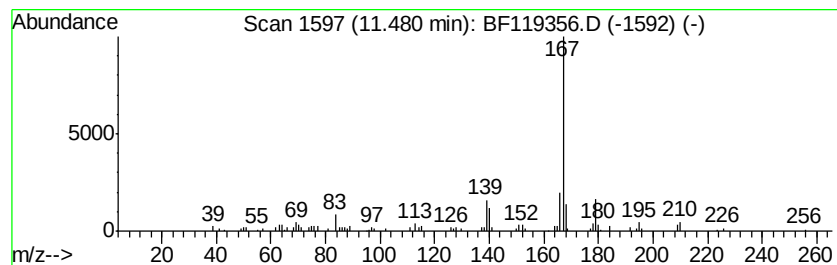
Instrument :
BNA_F
ClientSampleId :
TP-17-SA

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 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.48	2.27 ng	121527	Phenanthrene-d10		11.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2			Carbazole	167	C12H9N	000086-74-8	90
3			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	74
4			9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	74
5			2-Azafluorene	167	C12H9N	000244-40-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

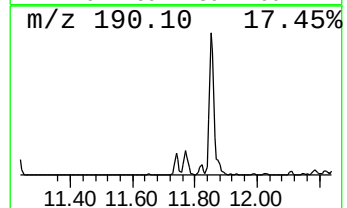
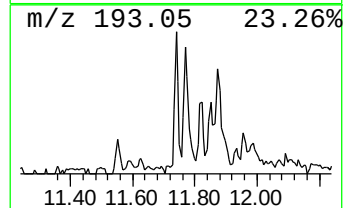
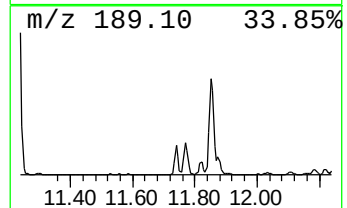
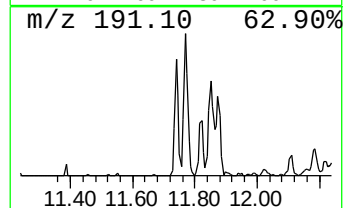
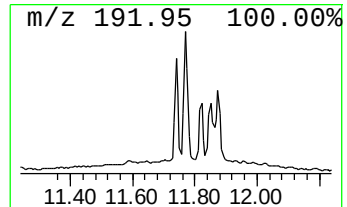
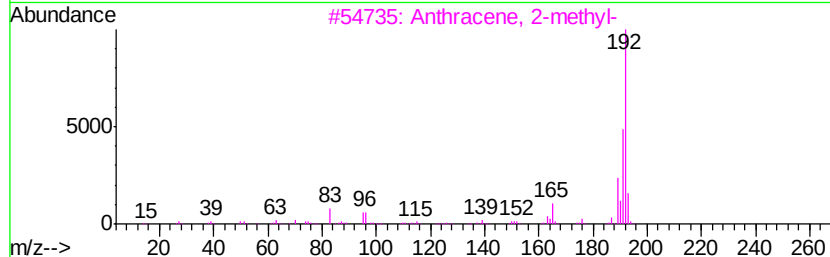
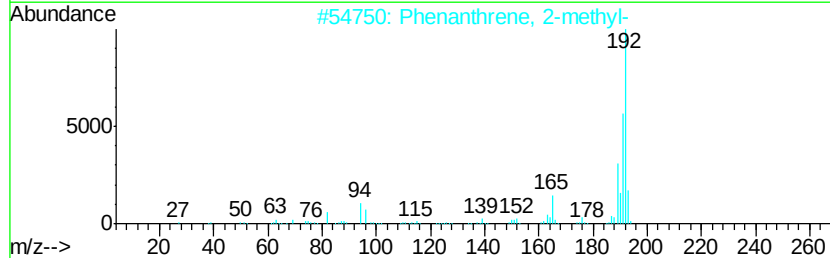
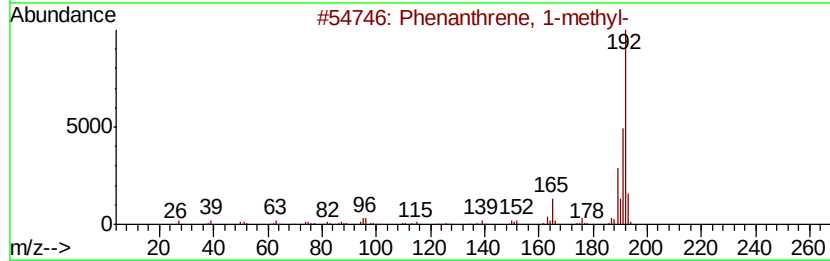
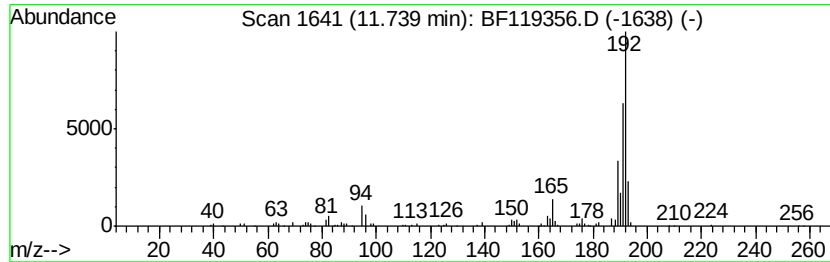
Instrument :
BNA_F
ClientSampleId :
TP-17-SA

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 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	2.26 ng	120974	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

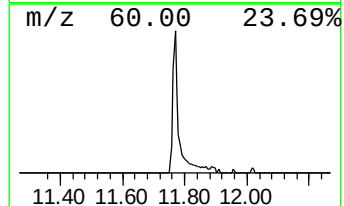
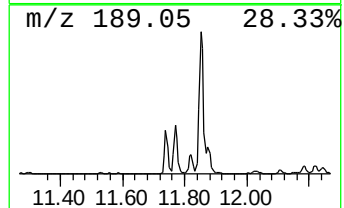
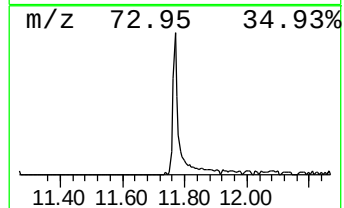
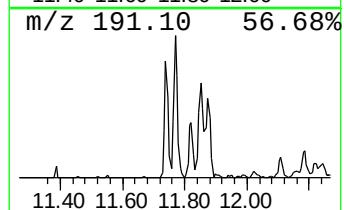
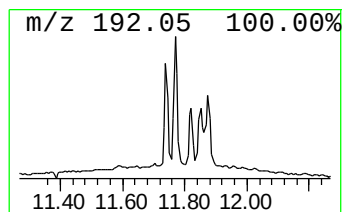
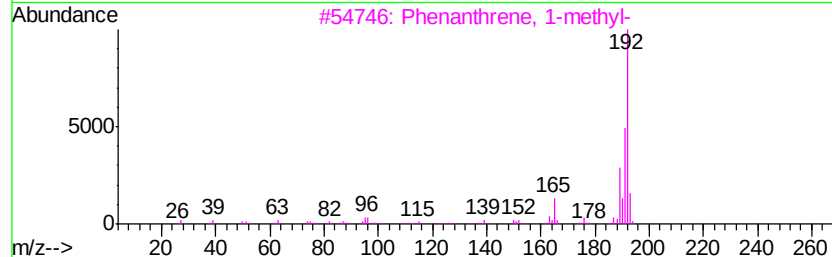
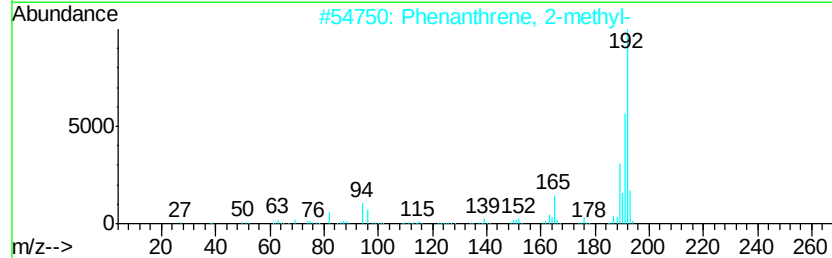
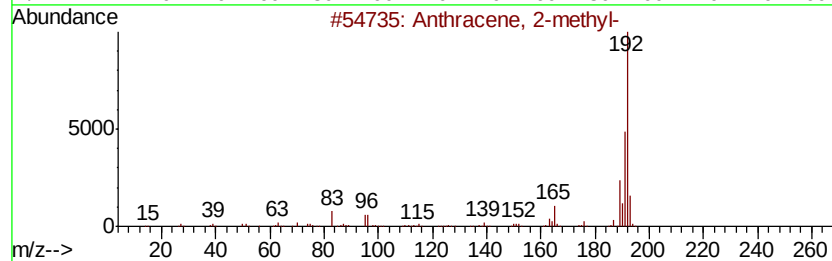
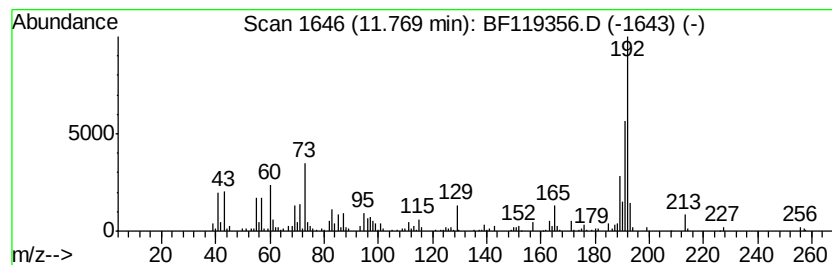
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.72 ng	359146	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

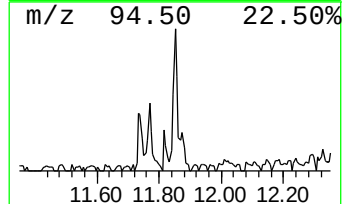
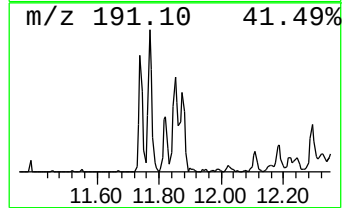
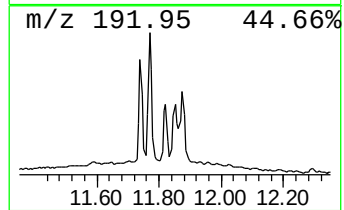
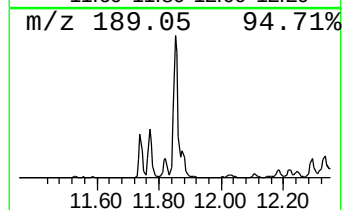
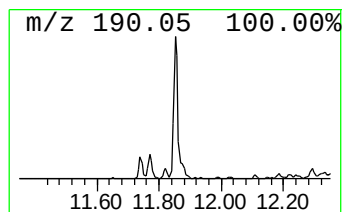
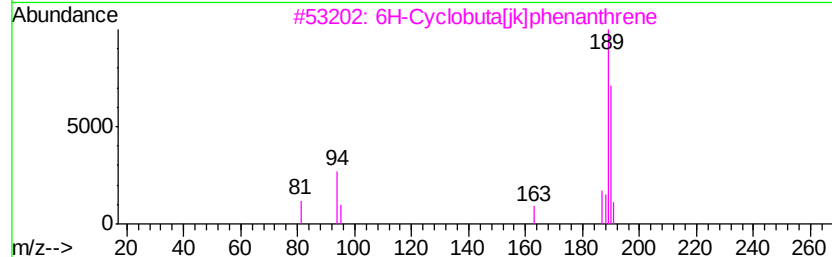
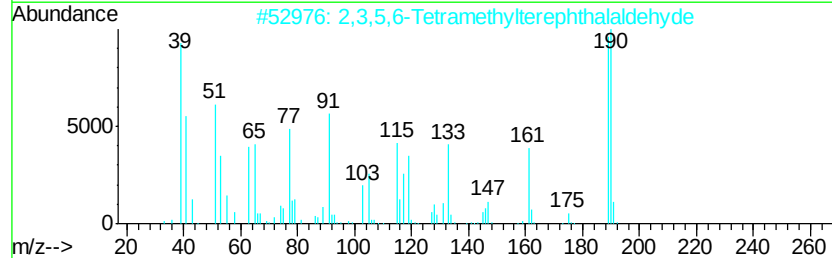
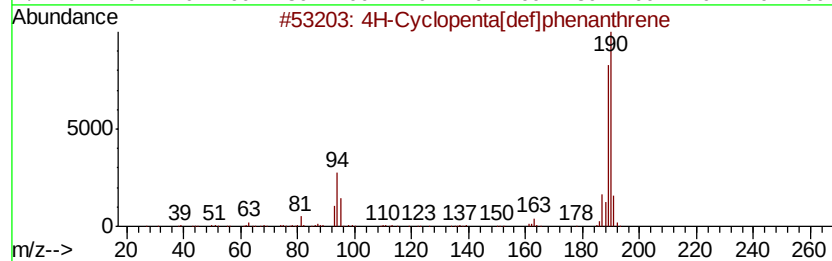
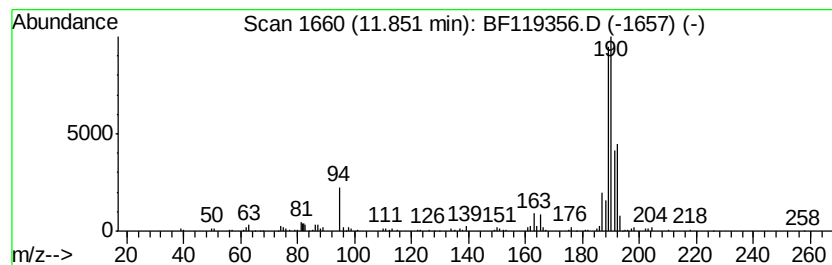
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.94 ng	264061	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

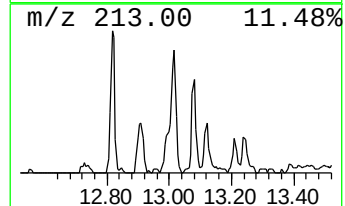
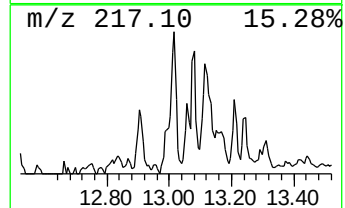
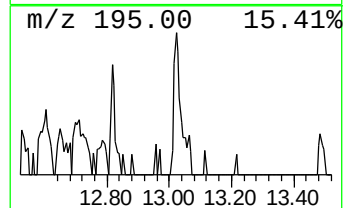
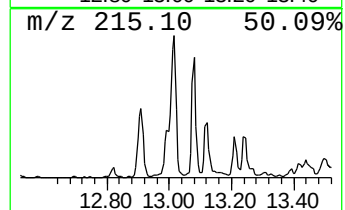
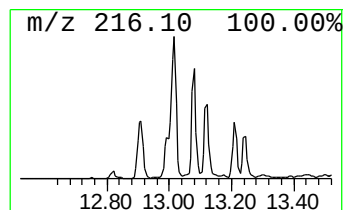
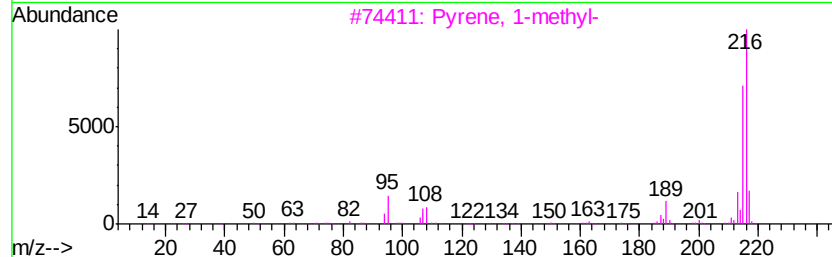
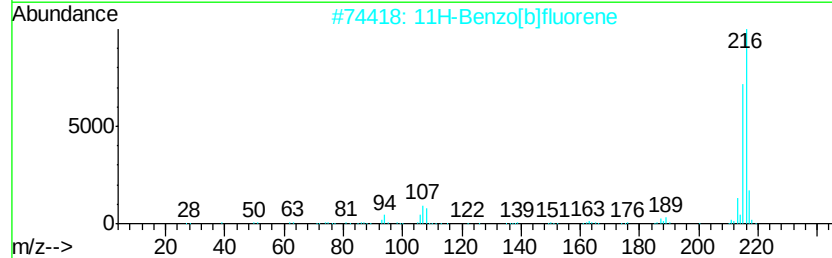
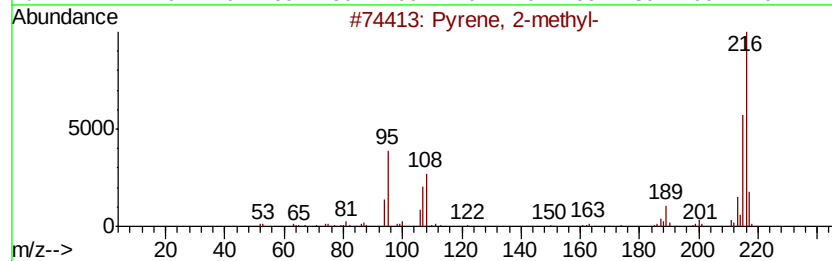
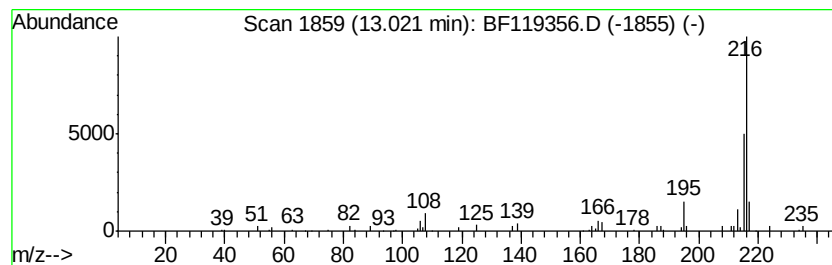
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.29 ng	169414	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

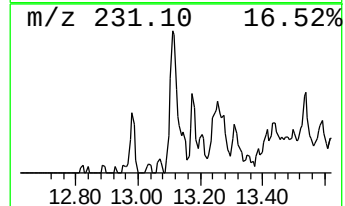
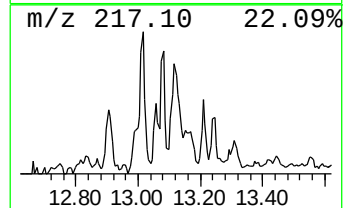
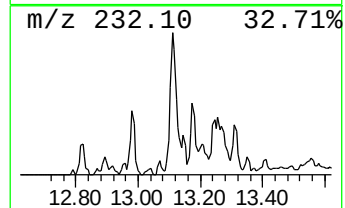
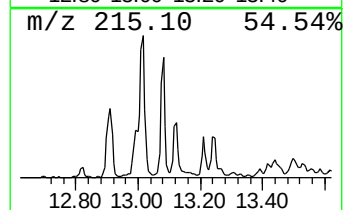
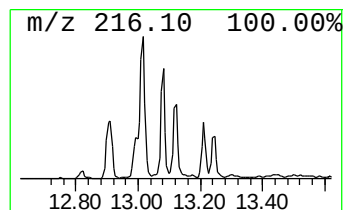
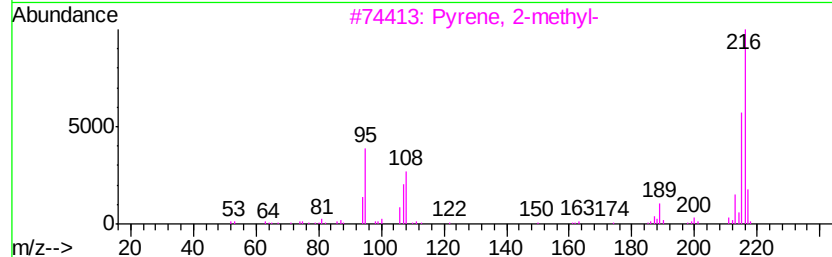
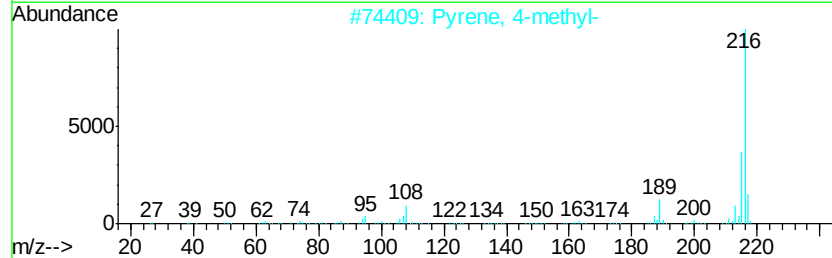
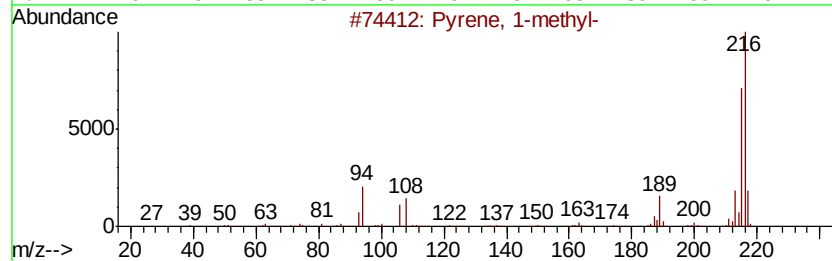
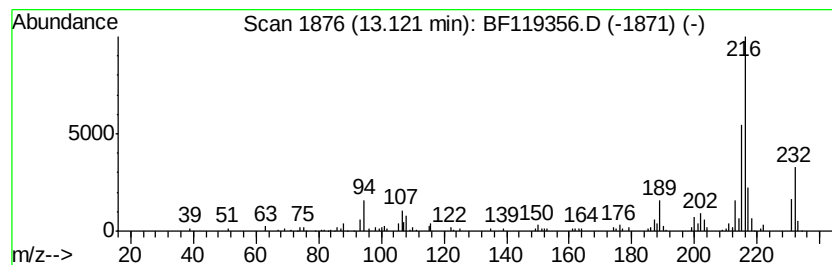
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.02 ng	223055	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	49
4		11H-Benzo[<i>a</i>]fluorene	216	C17H12	000238-84-6	46
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

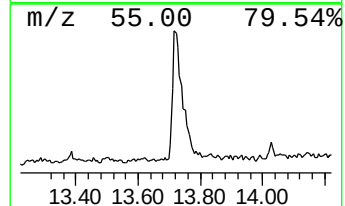
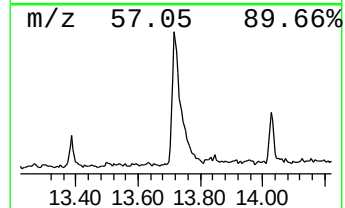
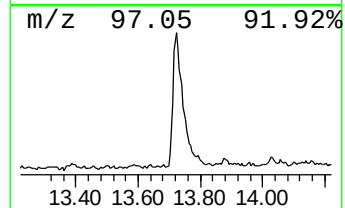
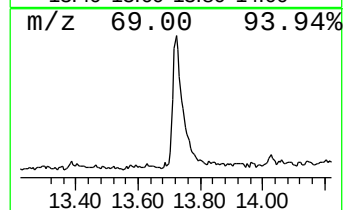
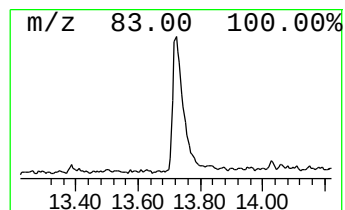
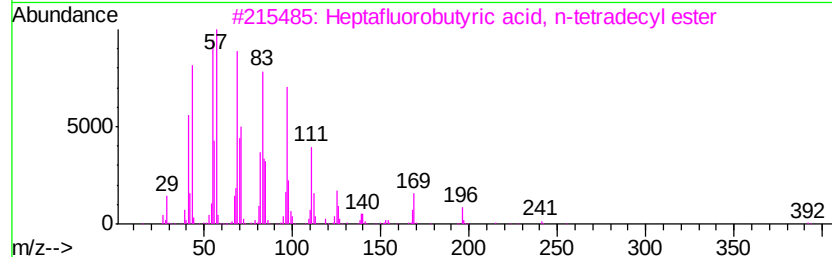
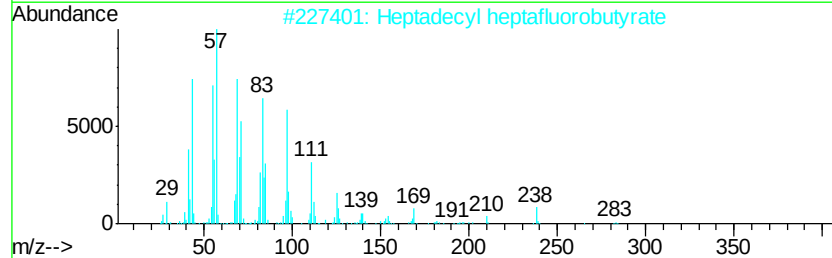
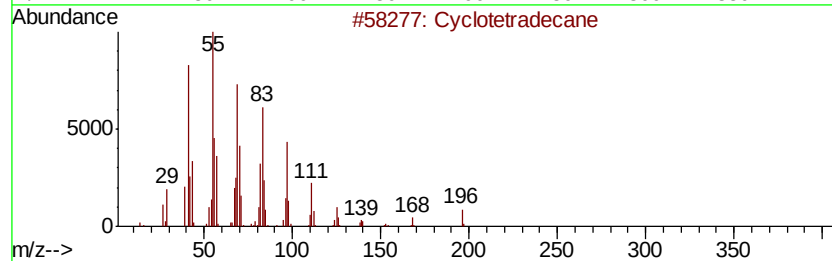
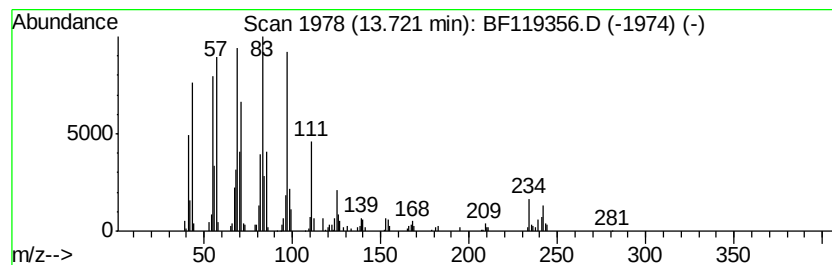
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.46 ng	255893	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	90
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

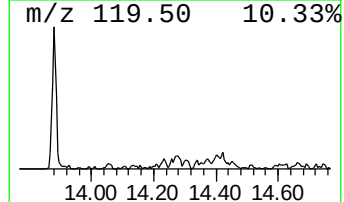
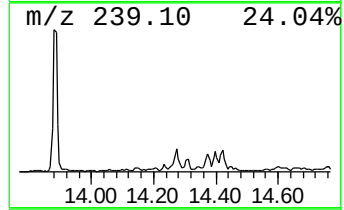
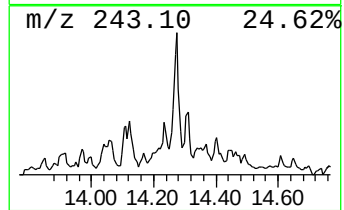
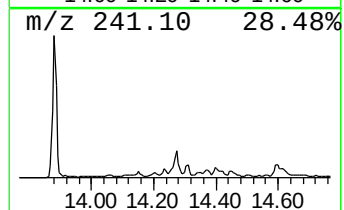
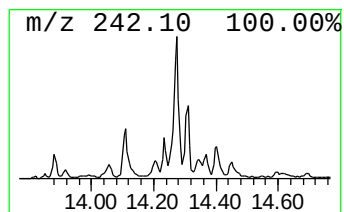
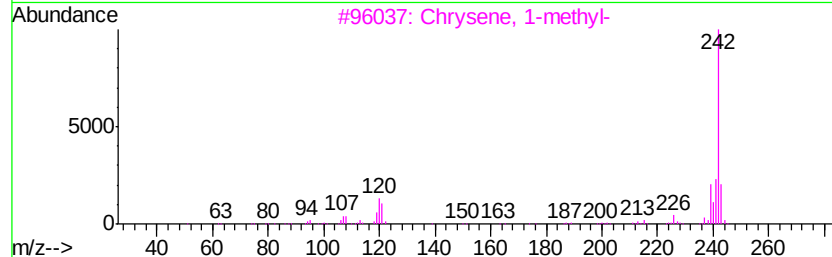
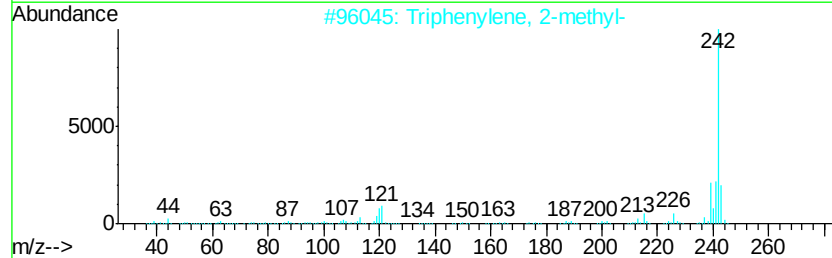
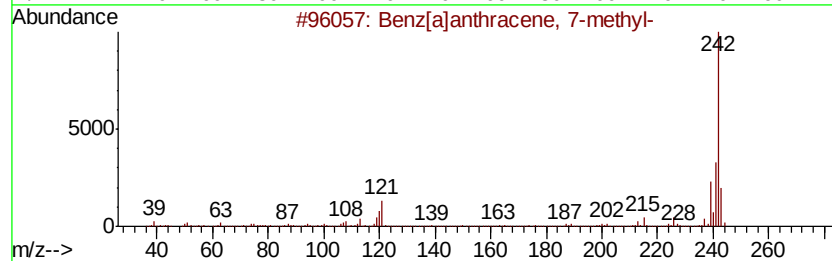
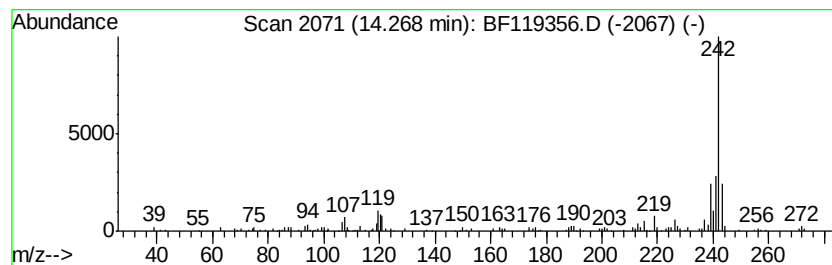
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.03 ng	150230	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3		Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5		Chrysene, 3-methyl-	242	C19H14	003351-31-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

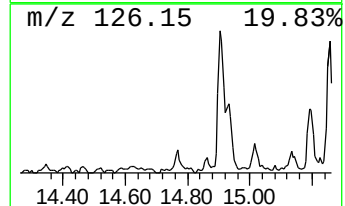
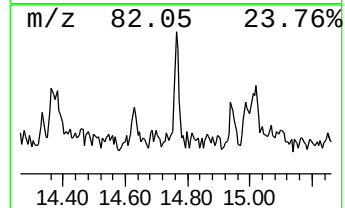
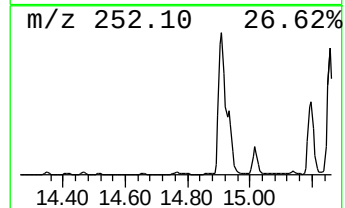
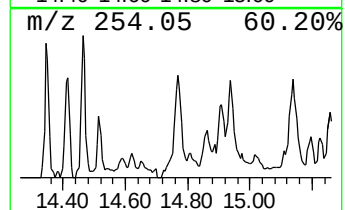
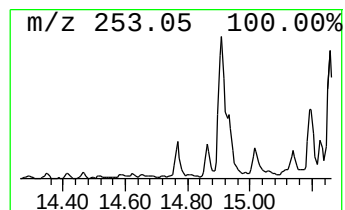
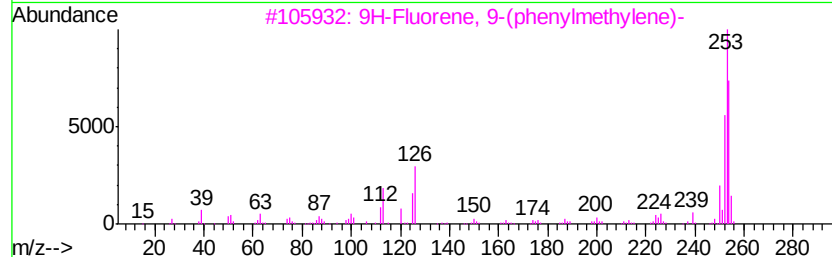
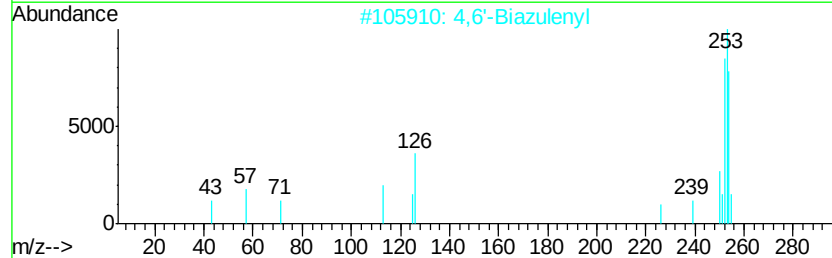
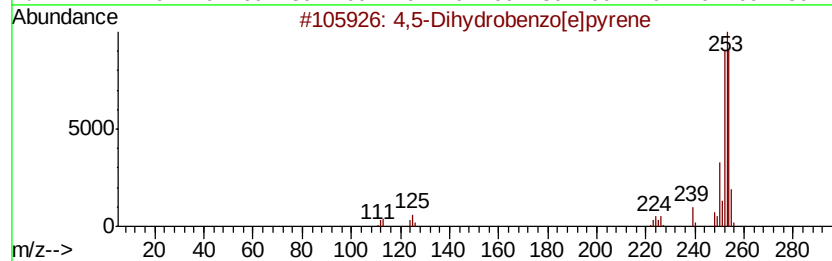
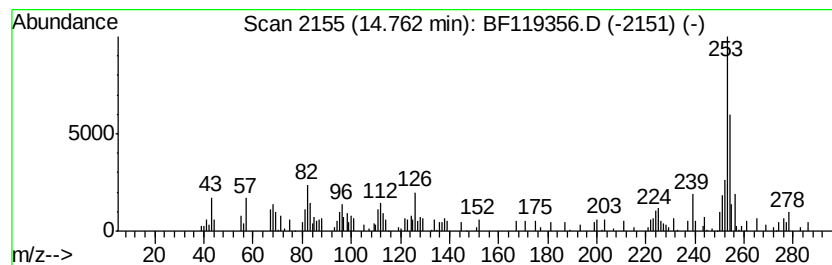
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.38 ng	86907	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	70
2		4,6'-Biazulenyl	254	C20H14	094154-49-1	62
3		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
4		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	52
5		Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

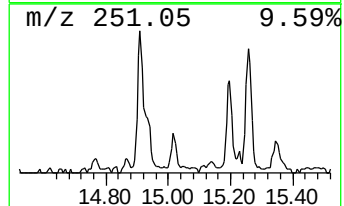
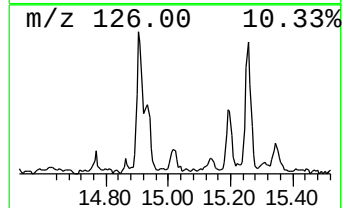
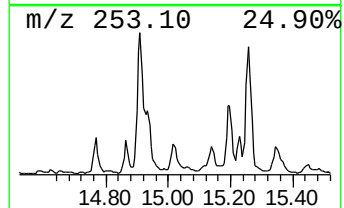
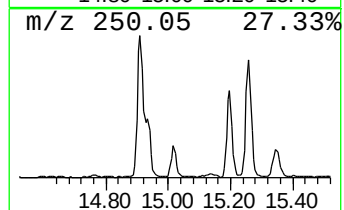
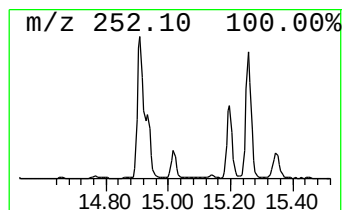
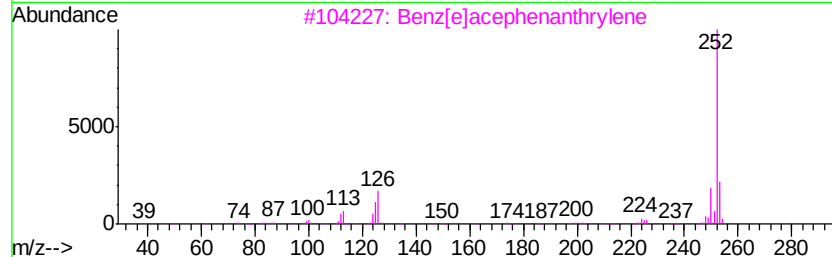
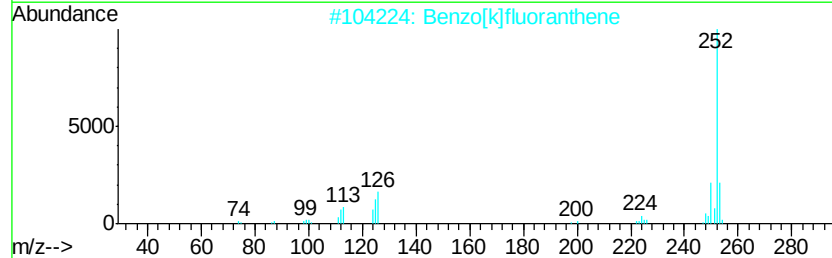
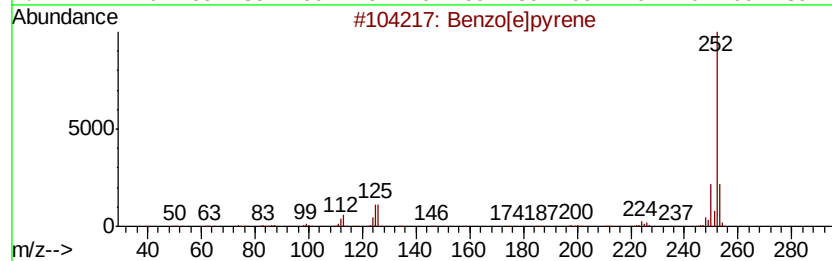
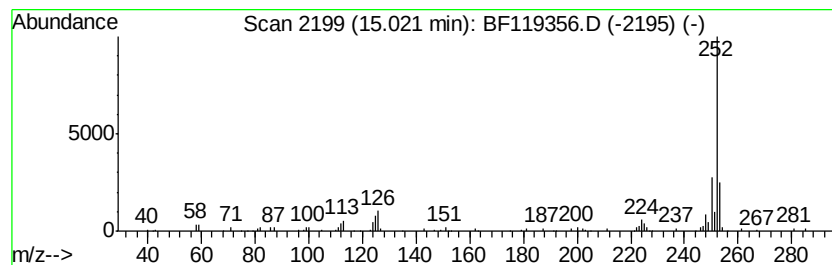
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.73 ng	99531	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

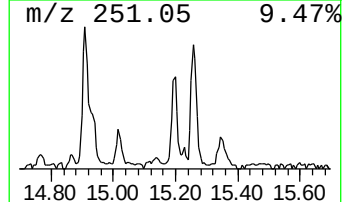
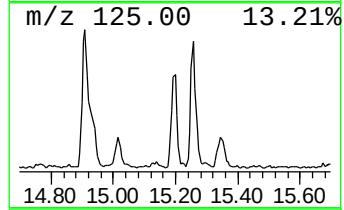
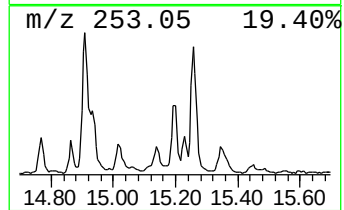
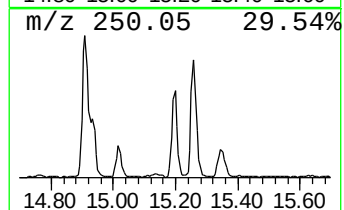
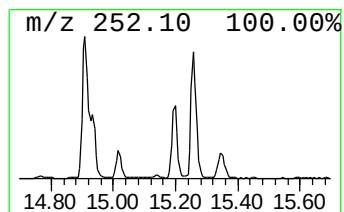
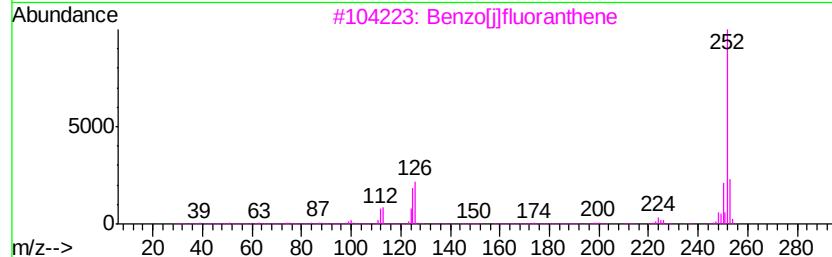
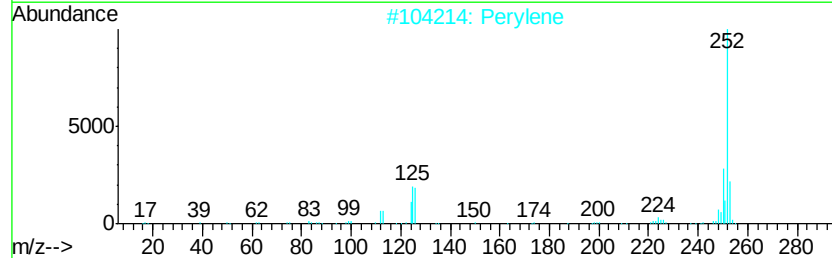
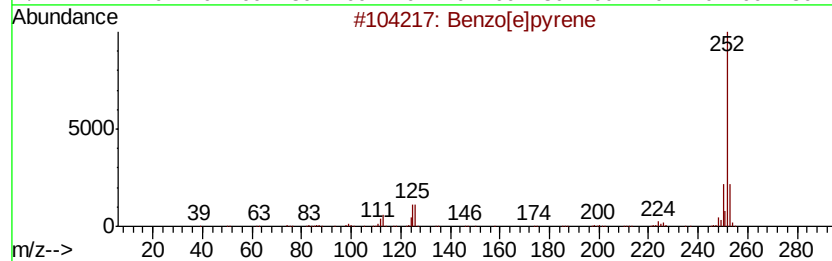
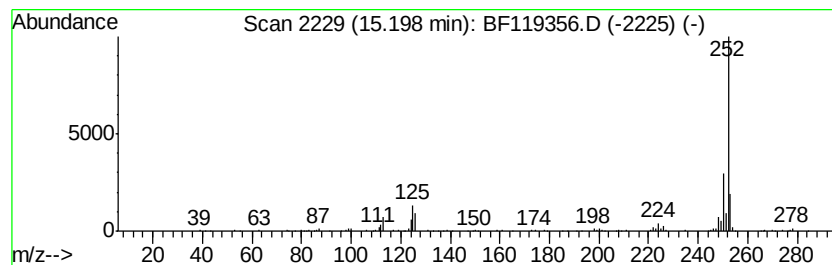
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	6.18 ng	225550	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[el]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

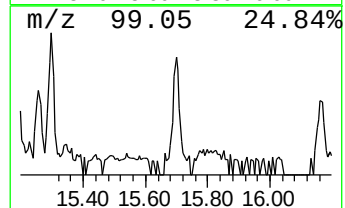
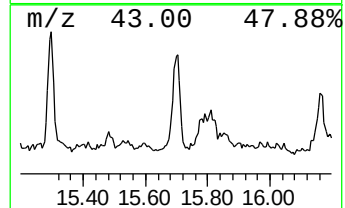
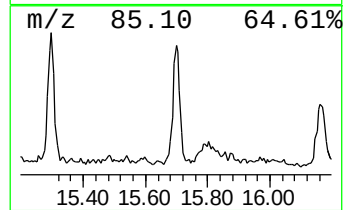
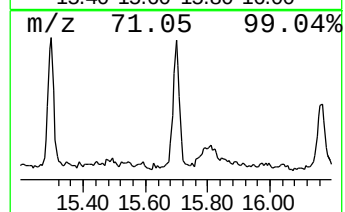
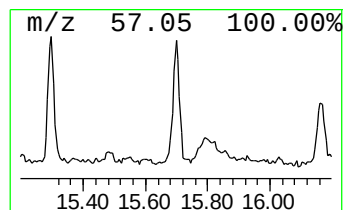
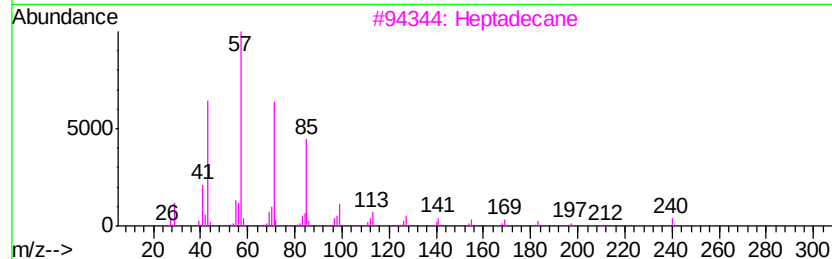
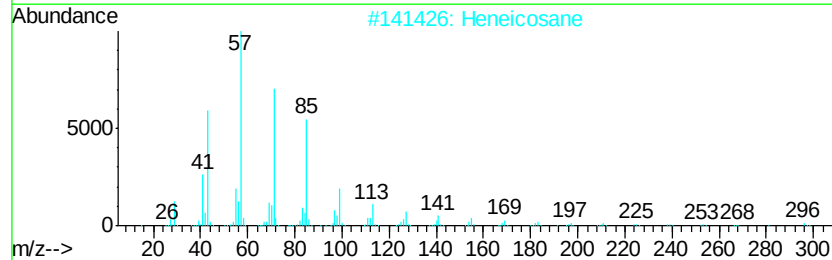
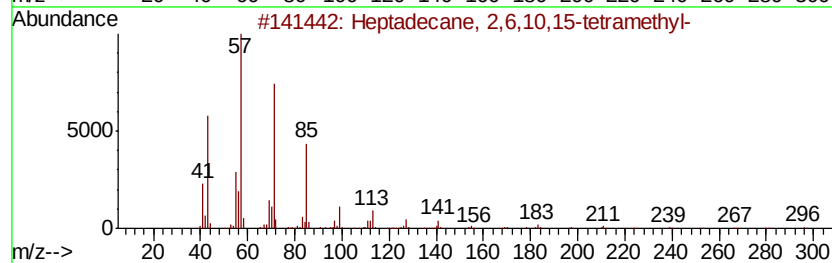
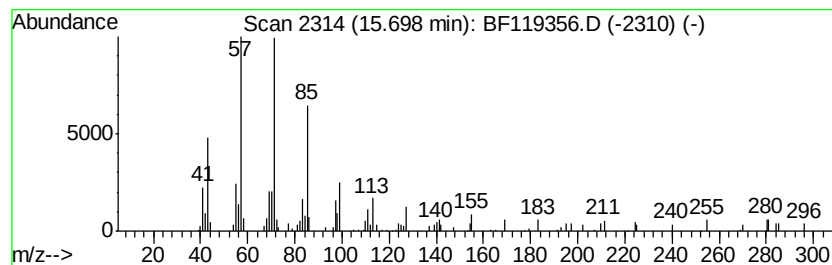
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.12 ng	77393	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

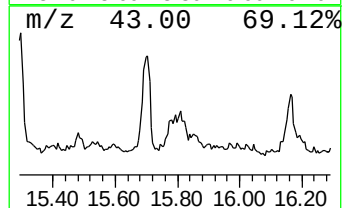
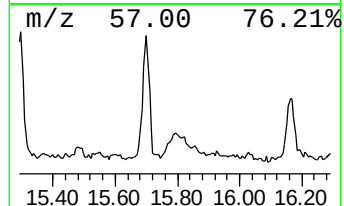
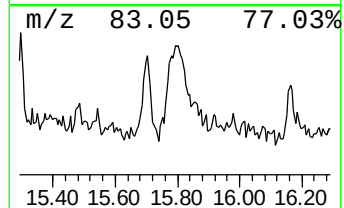
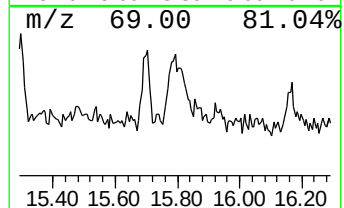
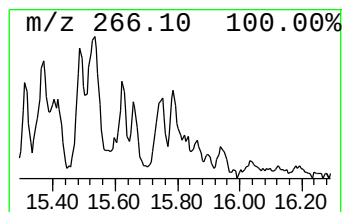
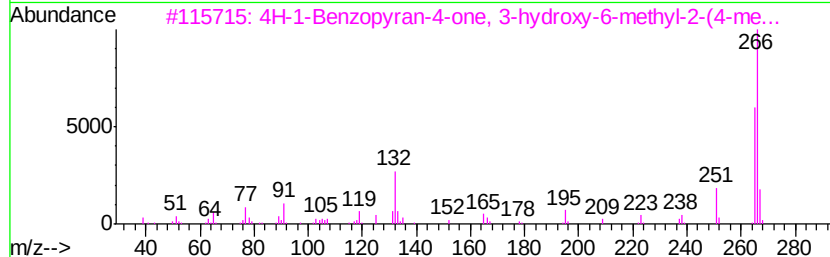
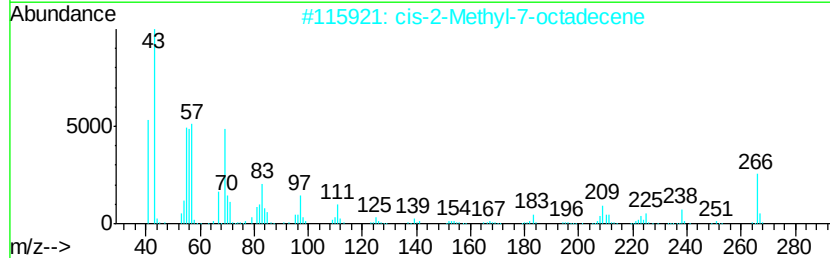
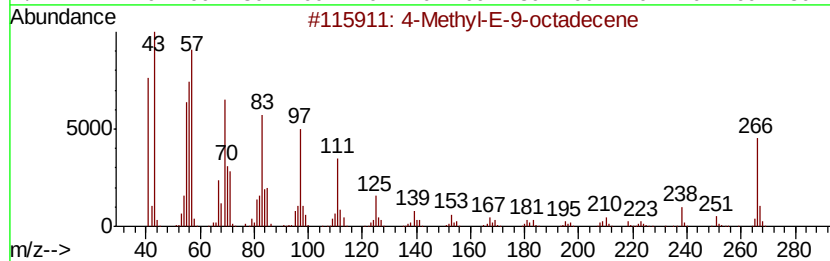
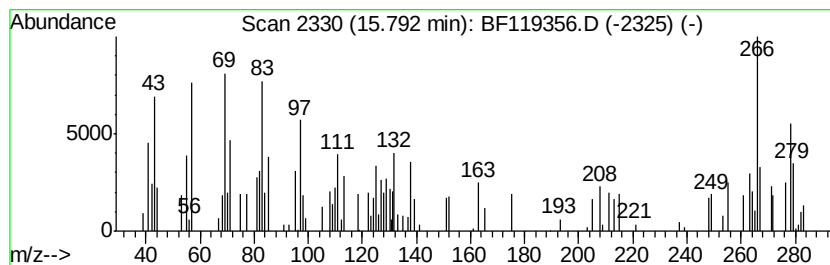
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.49 ng	90888	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	35
2		cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	32
3		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	22
4		Imidazole-5-methanol, 2-ethyl-1-...	266	C17H18N2O	309731-07-5	12
5		Trifluoroacetoacetyl-2-naphthalene	266	C14H9F3O2	000893-33-4	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031120\
 Data File : BF119356.D
 Acq On : 11 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1871-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

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
2-Pentanone, 4-hy...	4.92	10.2	ng	295262	1	6.72	576561	20.0
5H-Indeno[1,2-b]p...	11.48	2.3	ng	121527	4	11.24	1069390	20.0
Phenanthrene, 1-m...	11.74	2.3	ng	120974	4	11.24	1069390	20.0
Anthracene, 2-met...	11.77	6.7	ng	359146	4	11.24	1069390	20.0
4H-Cyclopenta[def...	11.85	4.9	ng	264061	4	11.24	1069390	20.0
Pyrene, 2-methyl-	13.02	2.3	ng	169414	5	13.88	1478090	20.0
Pyrene, 1-methyl-	13.12	3.0	ng	223055	5	13.88	1478090	20.0
Cyclotetradecane	13.72	3.5	ng	255893	5	13.88	1478090	20.0
Benz[a]anthracene...	14.27	2.0	ng	150230	5	13.88	1478090	20.0
4,5-Dihydrobenzo[...	14.76	2.4	ng	86907	6	15.31	730381	20.0
Benzo[e]pyrene	15.02	2.7	ng	99531	6	15.31	730381	20.0
Perylene	15.20	6.2	ng	225550	6	15.31	730381	20.0
Heptadecane, 2,6,...	15.70	2.1	ng	77393	6	15.31	730381	20.0
unknown15.79	15.79	2.5	ng	90888	6	15.31	730381	20.0