

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.275	538	542	544	rBV	67040	70592	1.33%	0.094%
2	5.316	544	549	552	rBV	3744920	3869880	73.11%	5.158%
3	5.981	658	662	666	rBV	407395	347245	6.56%	0.463%
4	6.151	685	691	694	rBV	62888	63144	1.19%	0.084%
5	6.186	694	697	706	rVB	58446	66387	1.25%	0.088%
6	6.257	706	709	717	rBV	81592	85406	1.61%	0.114%
7	6.357	720	726	729	rBV	3672798	3902105	73.72%	5.201%
8	6.545	755	758	763	rBV	153165	128221	2.42%	0.171%
9	6.645	771	775	781	rBV	62141	67674	1.28%	0.090%
10	6.710	782	786	795	rVB	1243922	1112817	21.02%	1.483%
11	6.792	795	800	804	rBV	145608	145760	2.75%	0.194%
12	6.869	808	813	816	rBV	3611263	3595398	67.92%	4.792%
13	7.281	877	883	886	rBV	2714004	2827090	53.41%	3.768%
14	7.481	911	917	921	rVB2	57913	68187	1.29%	0.091%
15	7.910	985	990	996	rBV4	38778	92634	1.75%	0.123%
16	7.998	1000	1005	1008	rVV	1759354	1512612	28.58%	2.016%
17	8.051	1011	1014	1019	rVB	126126	127301	2.40%	0.170%
18	8.586	1099	1105	1108	rBV2	119828	129181	2.44%	0.172%
19	8.616	1108	1110	1115	rVV	89925	105974	2.00%	0.141%
20	9.080	1183	1189	1192	rBV	5313608	4954813	93.61%	6.604%
21	9.216	1211	1212	1219	rVB2	58695	62883	1.19%	0.084%
22	9.475	1252	1256	1261	rBV	692867	558049	10.54%	0.744%
23	9.757	1297	1304	1307	rBV	1798992	1528182	28.87%	2.037%
24	9.786	1307	1309	1319	rVB2	119914	186457	3.52%	0.249%
25	9.880	1319	1325	1327	rBV	115704	115970	2.19%	0.155%
26	10.227	1381	1384	1387	rBV	122086	104435	1.97%	0.139%
27	10.551	1430	1439	1442	rBV	2831205	2892912	54.65%	3.856%
28	10.669	1454	1459	1462	rBV2	53233	62565	1.18%	0.083%
29	10.916	1496	1501	1505	rBV2	162509	184506	3.49%	0.246%
30	11.239	1552	1556	1559	rVV	1556248	1471336	27.80%	1.961%
31	11.280	1559	1563	1565	rVV3	89139	116199	2.20%	0.155%
32	11.304	1565	1567	1572	rVB2	66212	70332	1.33%	0.094%
33	11.480	1592	1597	1604	rBV3	62890	106174	2.01%	0.142%
34	11.786	1644	1649	1654	rBV	1384870	1318335	24.91%	1.757%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.951	1675	1677	1681	rVB2	80620	72772	1.37%	0.097%
36	12.186	1714	1717	1719	rBV2	73673	104186	1.97%	0.139%
37	12.316	1732	1739	1741	rBV5	175700	287198	5.43%	0.383%
38	12.339	1741	1743	1748	rVB	116181	113131	2.14%	0.151%
39	12.486	1763	1768	1772	rBV2	292906	426821	8.06%	0.569%
40	12.568	1778	1782	1790	rBV	759695	724819	13.69%	0.966%
41	12.633	1790	1793	1798	rVV3	138393	165258	3.12%	0.220%
42	12.674	1798	1800	1804	rVB2	119725	130085	2.46%	0.173%
43	12.715	1804	1807	1809	rBV2	113881	104659	1.98%	0.139%
44	12.839	1823	1828	1830	rBV	4181227	3878553	73.27%	5.169%
45	12.868	1830	1833	1836	rVB3	111072	106546	2.01%	0.142%
46	12.939	1843	1845	1848	rVB	122103	112558	2.13%	0.150%
47	13.068	1862	1867	1870	rBV2	241789	360074	6.80%	0.480%
48	13.133	1875	1878	1884	rVB3	316463	373310	7.05%	0.498%
49	13.210	1888	1891	1893	rVV	247394	233584	4.41%	0.311%
50	13.251	1895	1898	1900	rVV	225725	266613	5.04%	0.355%
51	13.274	1900	1902	1904	rVV2	147863	183686	3.47%	0.245%
52	13.298	1904	1906	1909	rVV	223835	228944	4.33%	0.305%
53	13.339	1909	1913	1915	rVV	218824	259327	4.90%	0.346%
54	13.380	1915	1920	1923	rVV	655676	743653	14.05%	0.991%
55	13.410	1923	1925	1928	rVV3	251997	306939	5.80%	0.409%
56	13.439	1928	1930	1935	rVB	175401	194480	3.67%	0.259%
57	13.533	1943	1946	1948	rBV	122878	109074	2.06%	0.145%
58	13.610	1950	1959	1967	rBV	1000063	1768870	33.42%	2.357%
59	13.668	1967	1969	1970	rBV	101433	80113	1.51%	0.107%
60	13.715	1970	1977	1980	rVV	3404609	5293211	100.00%	7.055%
61	13.745	1980	1982	1988	rVB	1465769	1395122	26.36%	1.859%
62	13.792	1988	1990	1995	rVB4	163260	178905	3.38%	0.238%
63	13.851	1995	2000	2003	rBV2	1334991	1956364	36.96%	2.607%
64	13.886	2003	2006	2009	rVB	1451308	1496129	28.27%	1.994%
65	13.968	2017	2020	2023	rBV	858734	886775	16.75%	1.182%
66	14.021	2027	2029	2034	rVV	538692	597831	11.29%	0.797%
67	14.068	2034	2037	2039	rVV3	168162	184584	3.49%	0.246%
68	14.104	2039	2043	2048	rVB	831007	1031767	19.49%	1.375%
69	14.186	2053	2057	2064	rVB4	333601	504798	9.54%	0.673%
70	14.245	2065	2067	2070	rBV3	178129	161301	3.05%	0.215%
71	14.280	2070	2073	2077	rBV4	183578	217358	4.11%	0.290%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.380	2085	2090	2096	rBV	2636246	2855480	53.95%	3.806%
73	14.492	2107	2109	2112	rBV3	102786	108070	2.04%	0.144%
74	14.562	2118	2121	2122	rBV	218868	201099	3.80%	0.268%
75	14.586	2122	2125	2134	rVV	1307920	1606188	30.34%	2.141%
76	14.662	2136	2138	2140	rVV2	100364	88747	1.68%	0.118%
77	14.686	2140	2142	2145	rVV2	110633	116668	2.20%	0.155%
78	14.733	2147	2150	2158	rVV9	117365	160780	3.04%	0.214%
79	14.804	2158	2162	2166	rVB	430622	402000	7.59%	0.536%
80	14.909	2176	2180	2185	rBV6	59751	106563	2.01%	0.142%
81	14.986	2189	2193	2196	rVV	769296	899779	17.00%	1.199%
82	15.015	2196	2198	2204	rVB	601510	705699	13.33%	0.941%
83	15.145	2217	2220	2224	rBV3	62699	80824	1.53%	0.108%
84	15.262	2236	2240	2244	rBV2	269899	358524	6.77%	0.478%
85	15.315	2245	2249	2252	rVV	895851	1023215	19.33%	1.364%
86	15.345	2252	2254	2259	rVB	136286	161912	3.06%	0.216%
87	15.445	2268	2271	2277	rVB2	103359	137540	2.60%	0.183%
88	15.539	2282	2287	2292	rBV2	400612	557617	10.53%	0.743%
89	15.645	2302	2305	2312	rBV8	47026	129731	2.45%	0.173%
90	15.762	2320	2325	2329	rBV	539446	794933	15.02%	1.059%
91	15.815	2329	2334	2342	rVV	1483368	2551590	48.20%	3.401%
92	15.903	2345	2349	2353	rVB2	334131	469628	8.87%	0.626%
93	16.374	2425	2429	2440	rVB6	127907	281525	5.32%	0.375%
94	16.515	2448	2453	2461	rVB	271750	482250	9.11%	0.643%
95	16.798	2496	2501	2507	rVB2	129147	229554	4.34%	0.306%
96	16.968	2526	2530	2537	rBV	130560	280886	5.31%	0.374%
97	17.262	2573	2580	2591	rBV3	626280	1520545	28.73%	2.027%
98	17.921	2688	2692	2701	rVB3	156268	350061	6.61%	0.467%
99	18.227	2736	2744	2754	rVB3	325929	920690	17.39%	1.227%
100	18.492	2785	2789	2797	rVB3	64272	159408	3.01%	0.212%

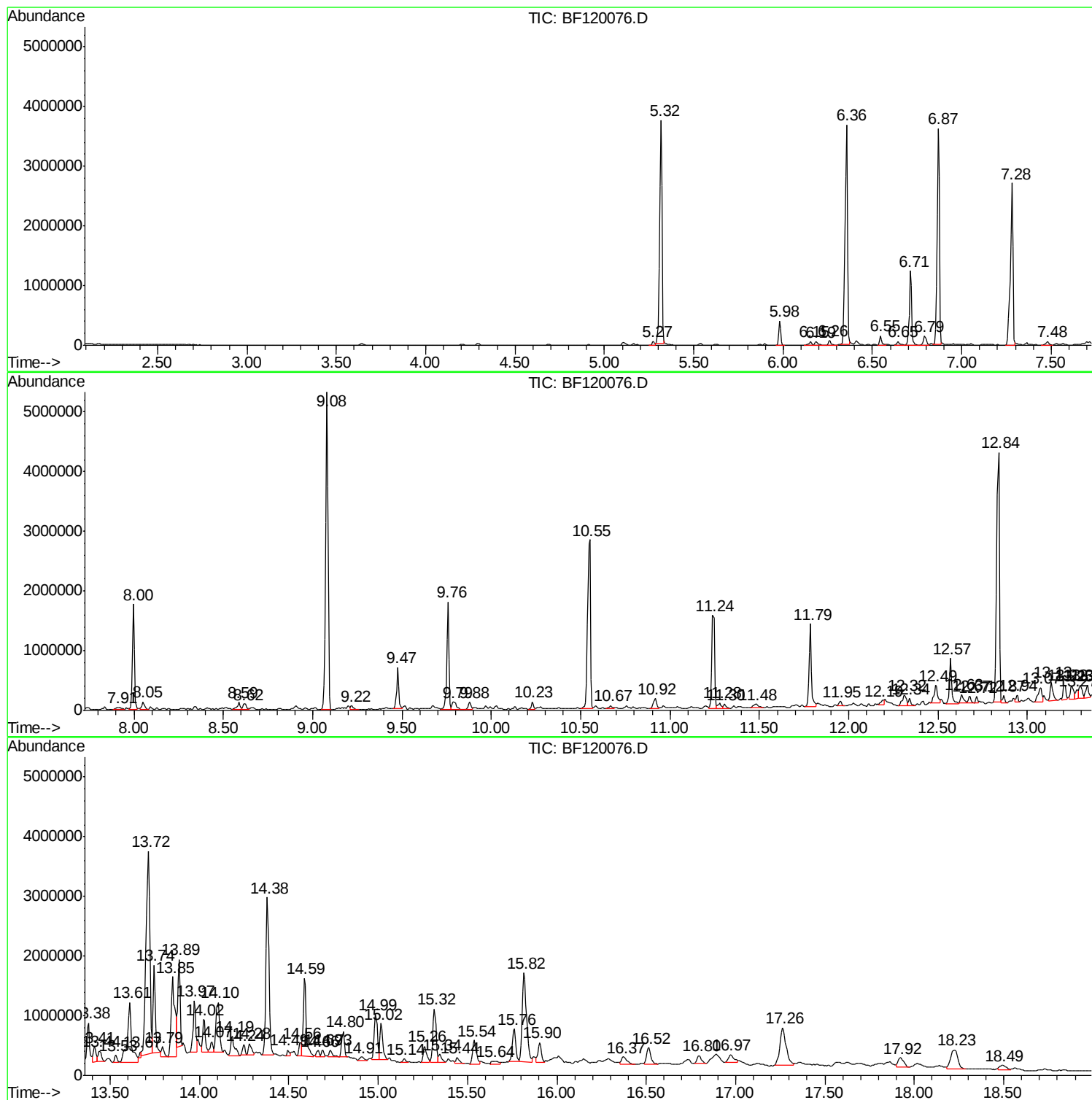
Sum of corrected areas: 75031660

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

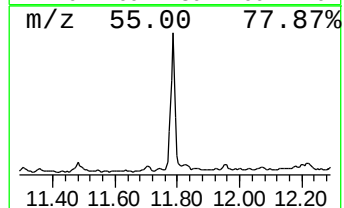
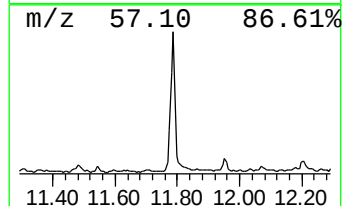
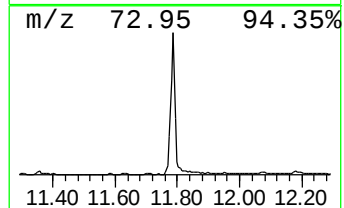
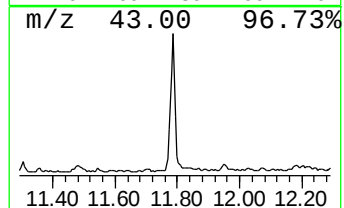
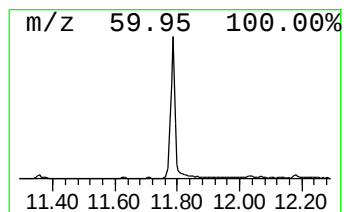
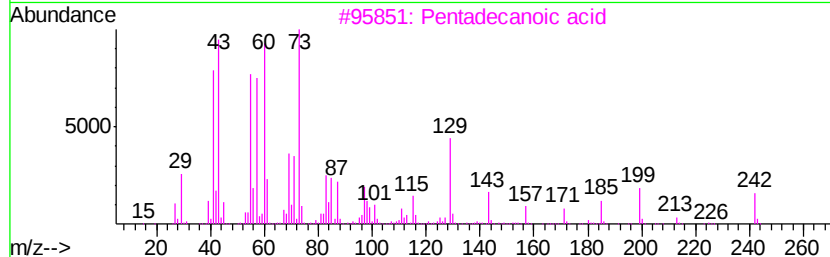
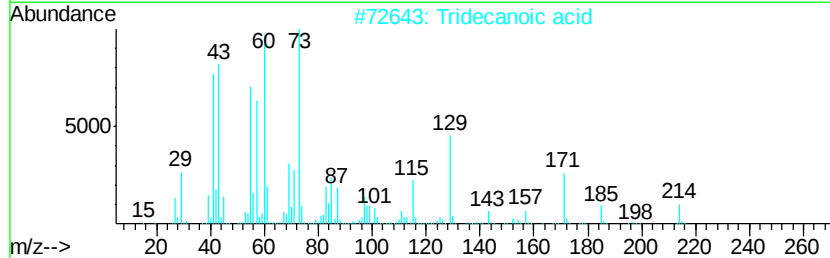
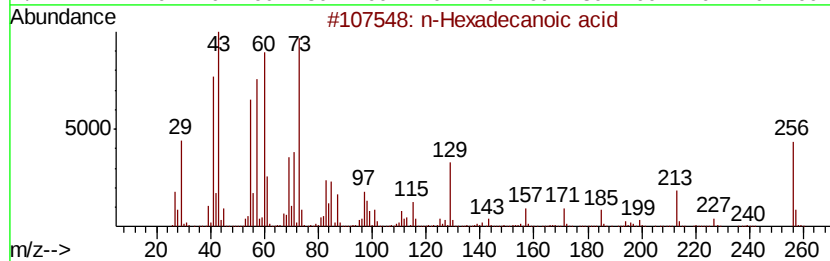
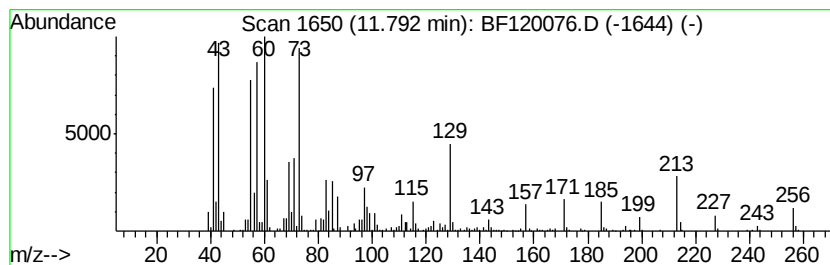
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	17.92 ng	1318340	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

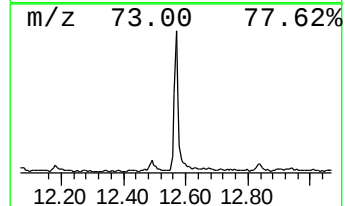
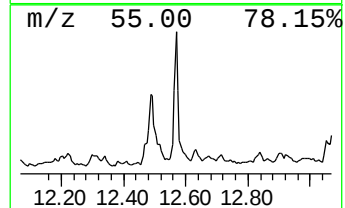
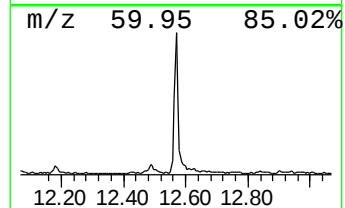
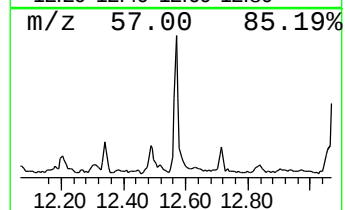
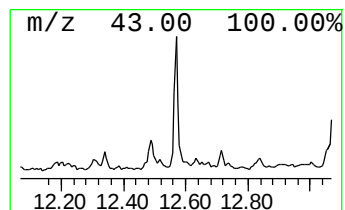
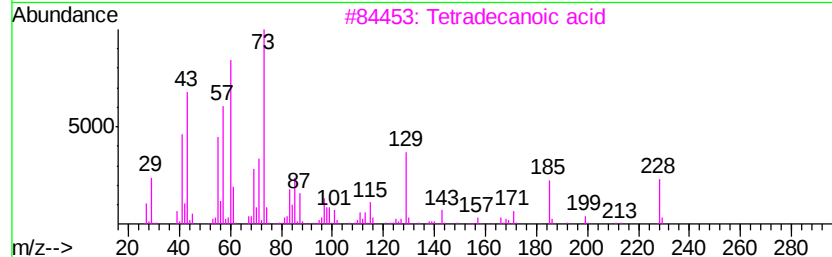
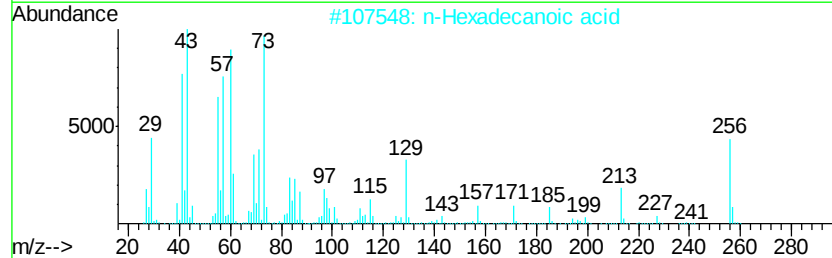
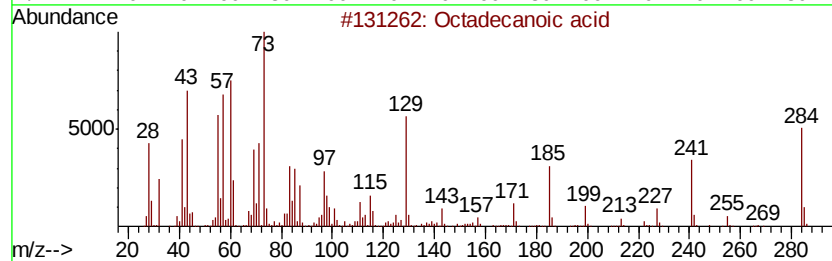
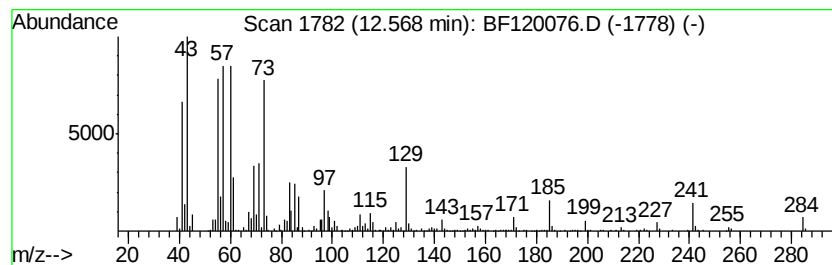
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.57	9.69 ng	724819	Chrysene-d12		13.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

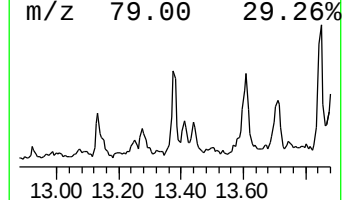
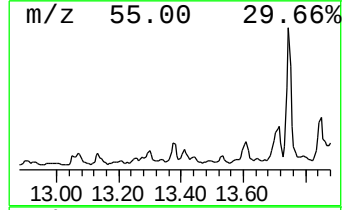
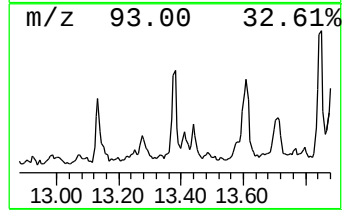
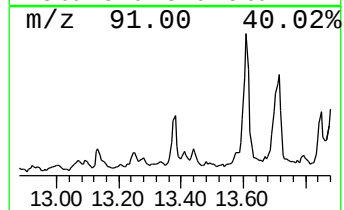
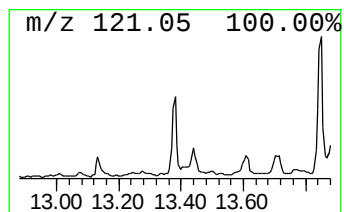
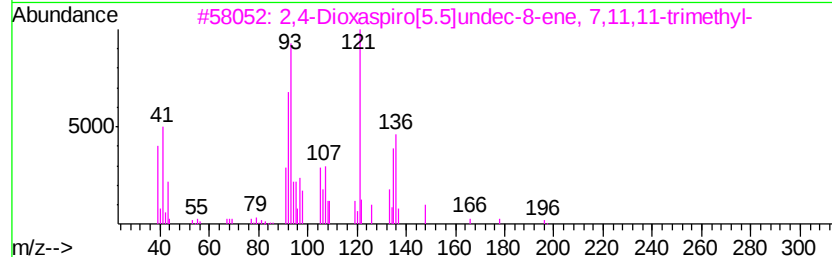
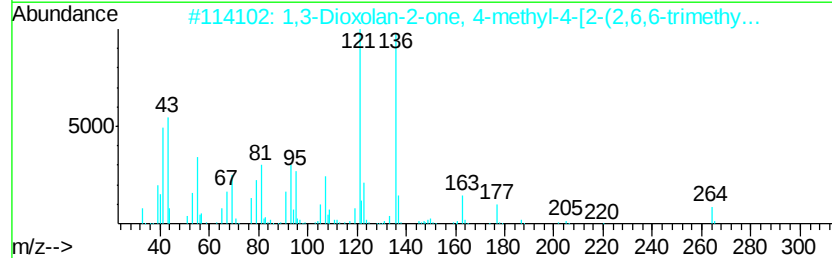
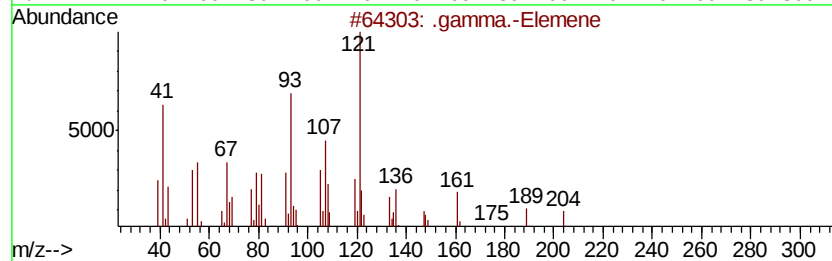
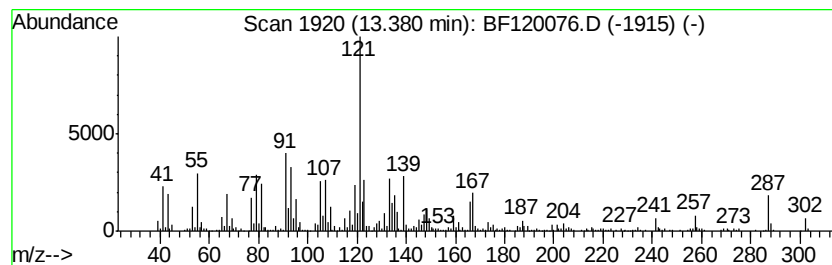
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 .gamma.-Elemene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.38	9.94 ng	743653	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Elemene	204	C15H24	029873-99-2	53
2	1,3-Dioxolan-2-one, 4-methyl-4-[...]	264	C16H24O3	336879-75-5	47
3	2,4-Dioxaspiro[5.5]undec-8-ene, ...	196	C12H20O2	069745-74-0	43
4	1-Hydroxy-6-(3-isopropenyl-cyclo...	222	C14H22O2	1000189-14-9	38
5	4-methoxyphenylpropane-2-ol	166	C10H14O2	1000378-88-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

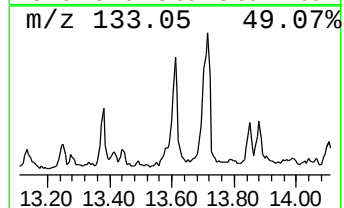
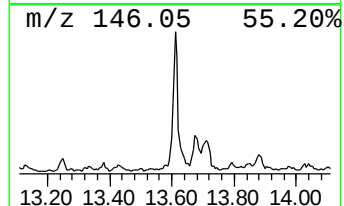
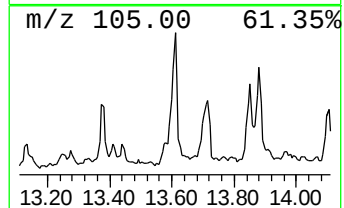
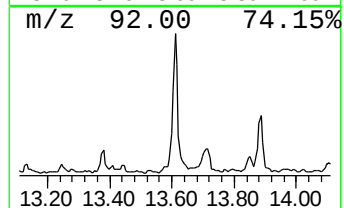
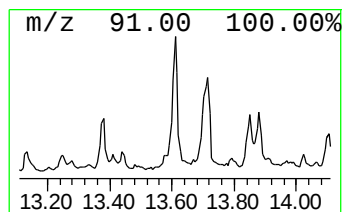
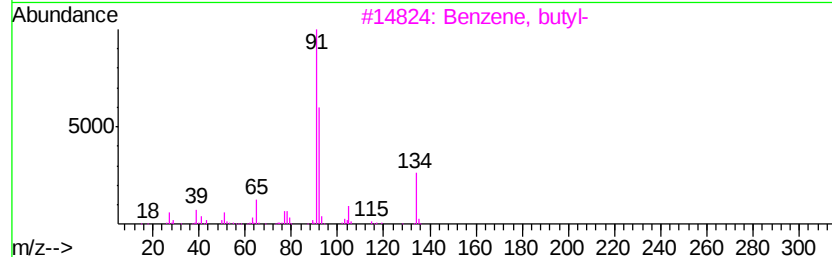
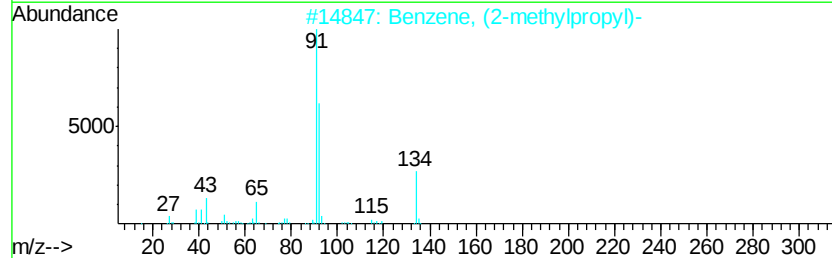
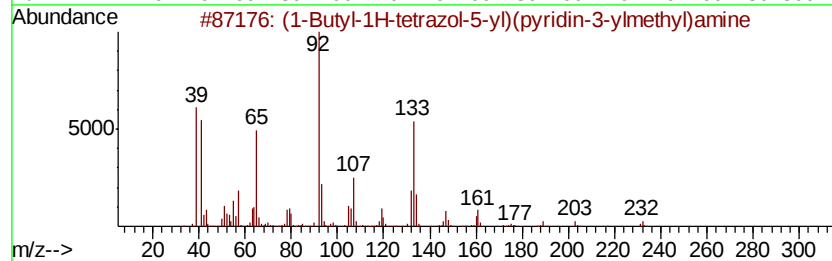
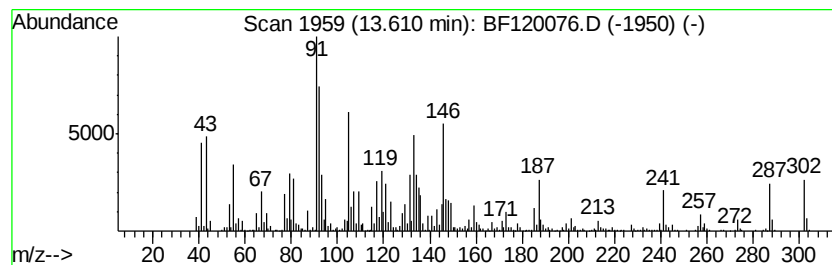
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown13.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	23.65 ng	1768870	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Butyl-1H-tetrazol-5-yl)(pyridin...	232	C11H16N6	1000316-04-3	30
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	22
3		Benzene, butyl-	134	C10H14	000104-51-8	22
4		Tricyclo[4.4.0.0(2,8)]dec-4-ene	134	C10H14	1000188-73-7	22
5		5,12-Dioxapentacyclo[7.5.2.0(2.8...	288	C15H12O6	003951-53-9	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

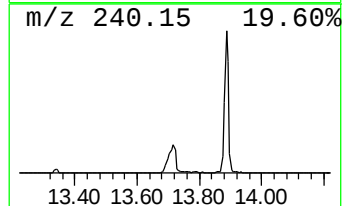
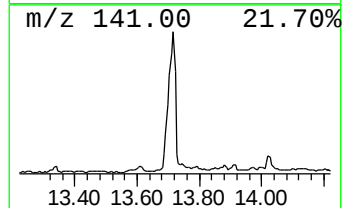
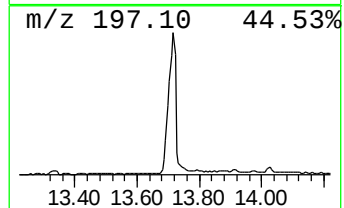
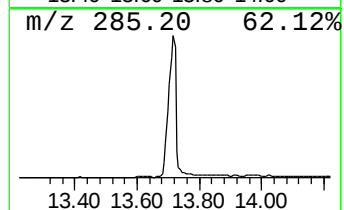
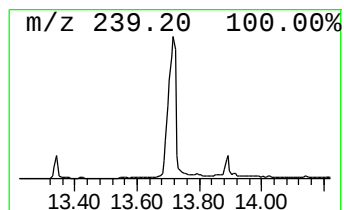
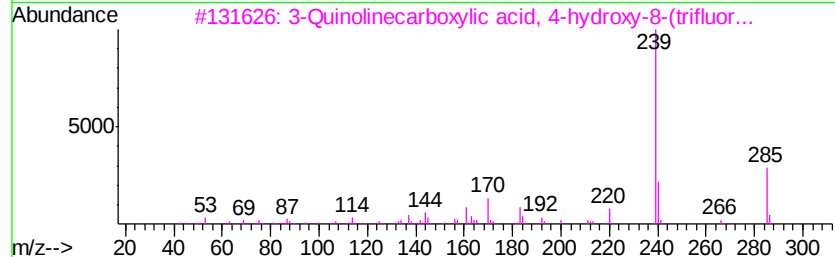
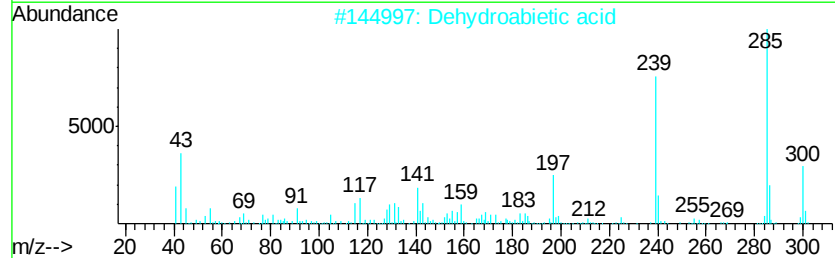
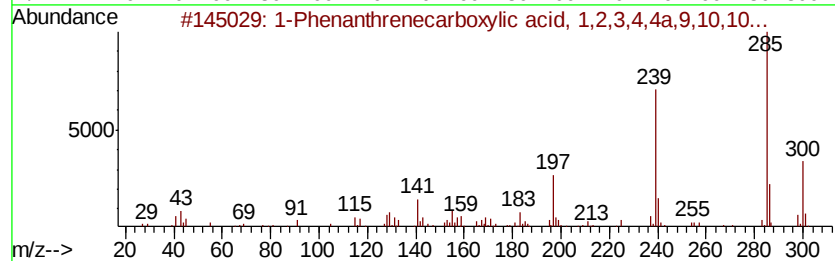
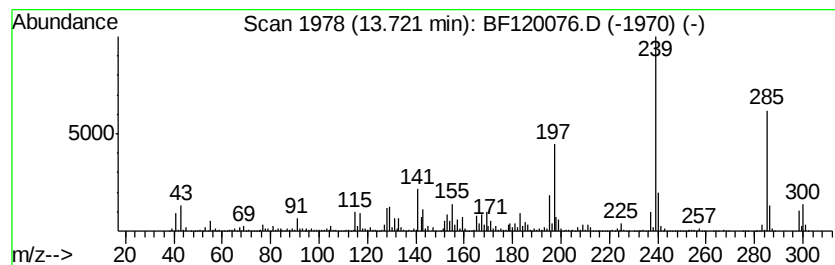
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Phenanthrenecarboxylic ac... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	70.76 ng	5293210	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
2		Dehydroabiatic acid	300	C20H28O2	001740-19-8	91
3		3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	47
4		trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	38
5		Acetic acid, (3,4-dimethoxypheny...	298	C14H22O5Si	002911-70-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

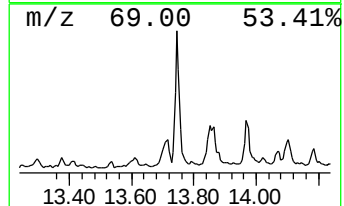
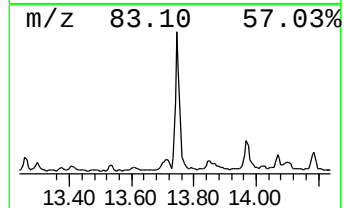
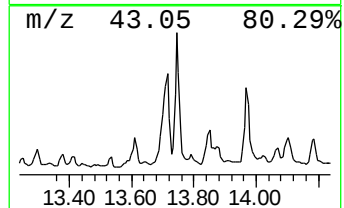
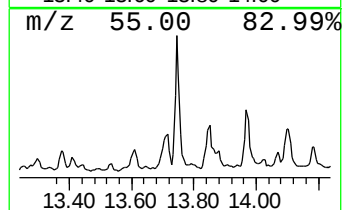
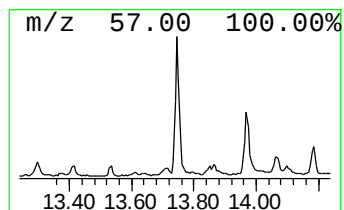
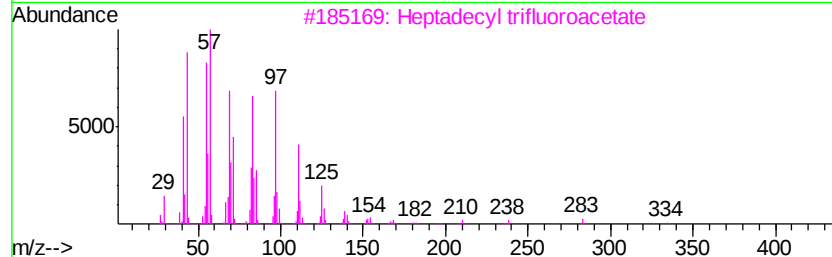
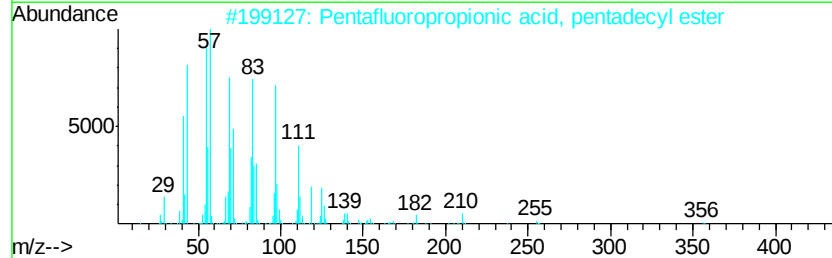
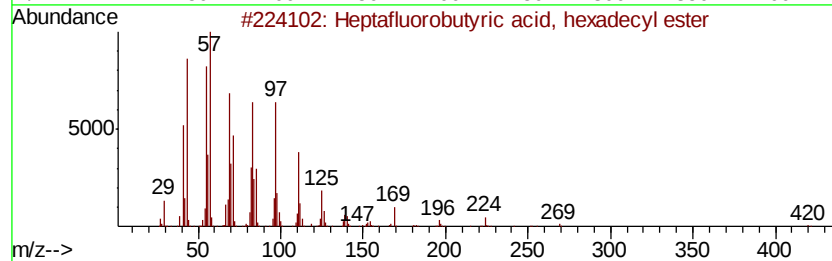
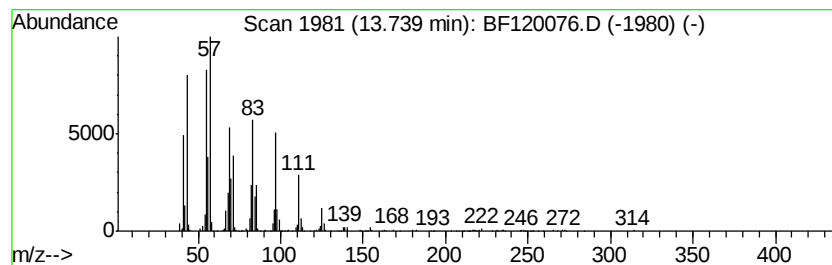
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptafluorobutyric acid, he... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	18.65 ng	1395120	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

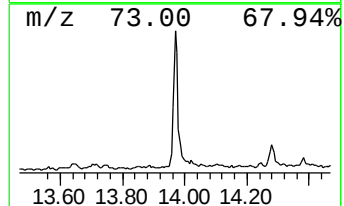
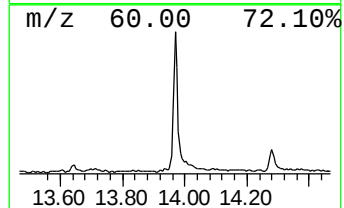
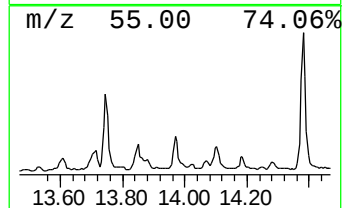
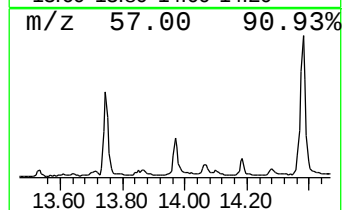
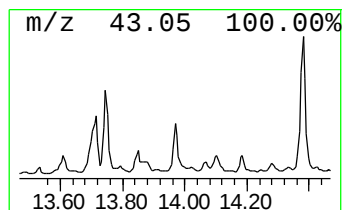
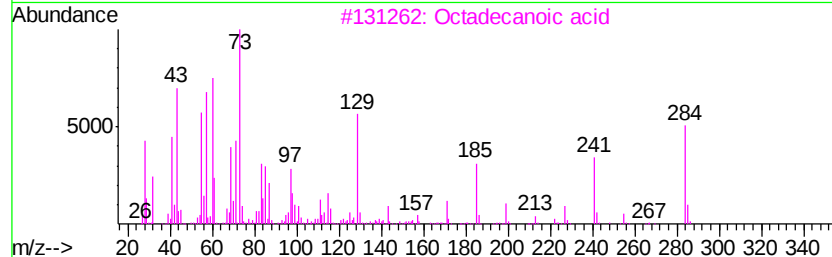
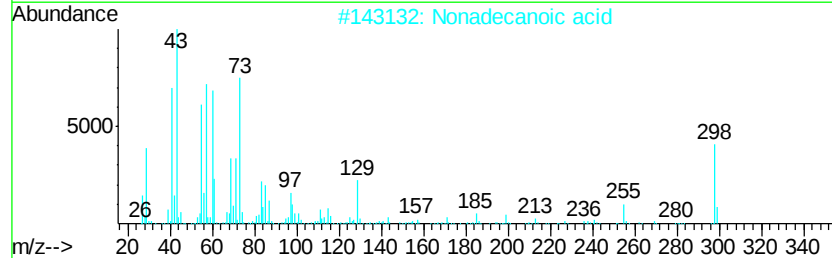
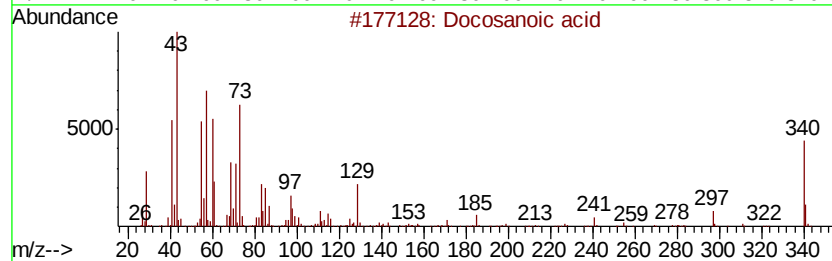
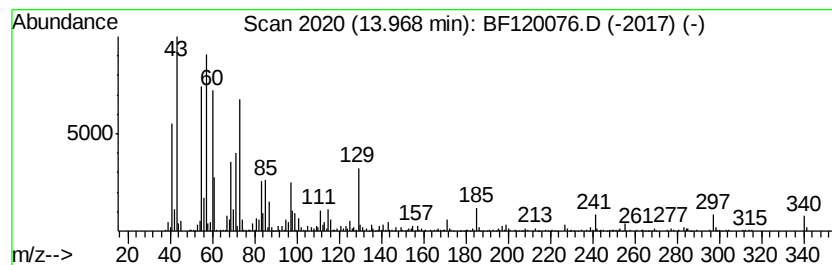
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	11.85 ng	886775	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid	340	C22H44O2	000112-85-6	99
2		Nonadecanoic acid	298	C19H38O2	000646-30-0	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

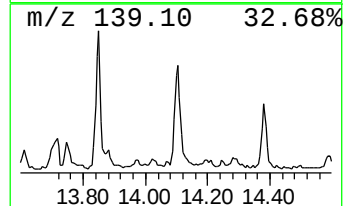
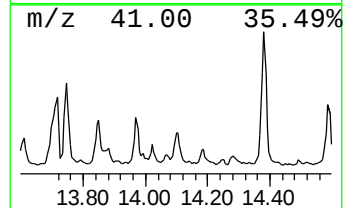
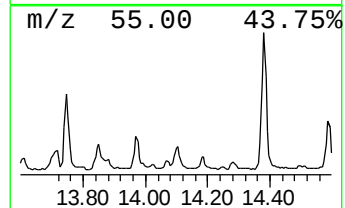
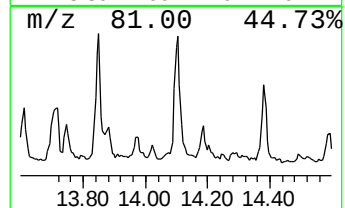
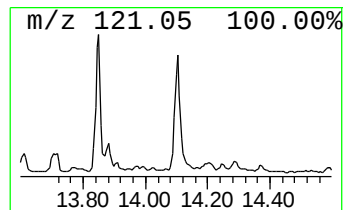
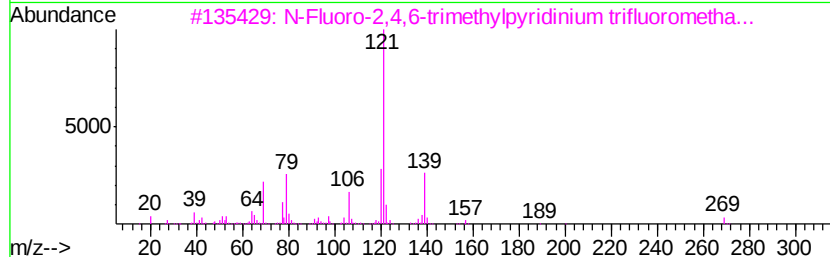
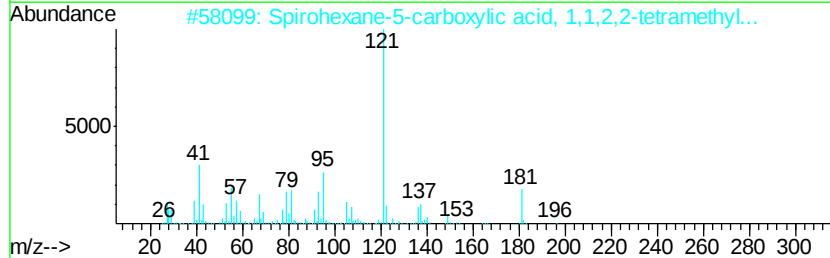
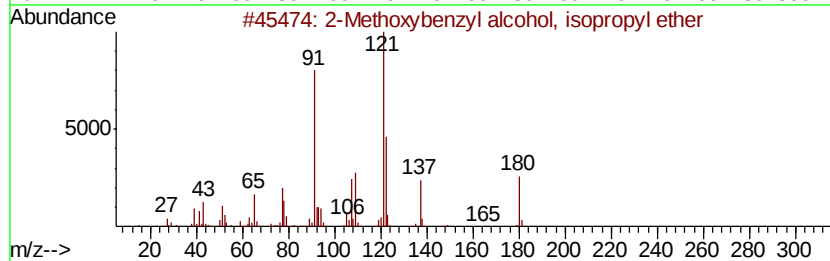
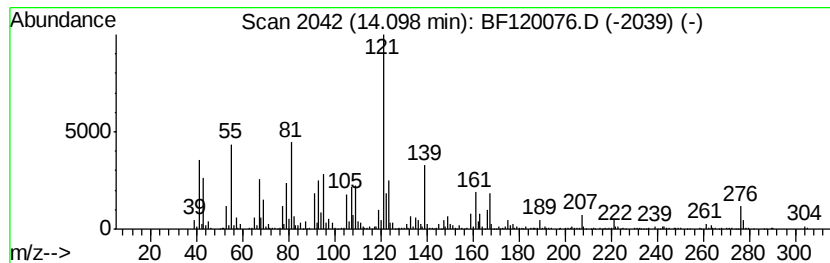
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	13.79 ng	1031770	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methoxybenzyl alcohol, isoprop...	180	C11H16O2	1000378-19-1	43
2		Spirohexane-5-carboxylic acid, 1...	196	C12H20O2	074646-32-5	41
3		N-Fluoro-2,4,6-trimethylpyridini...	289	C9H11F4N03S	107264-00-6	35
4		Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	35
5		2-Hydroxy-2-phenylacetic acid, p...	272	C16H16O4	130362-13-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

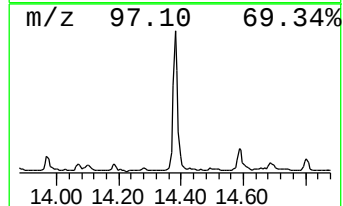
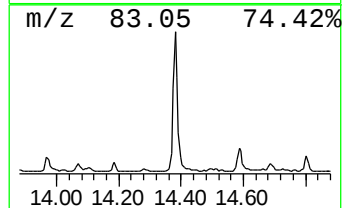
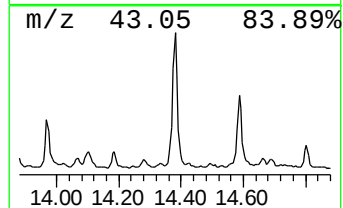
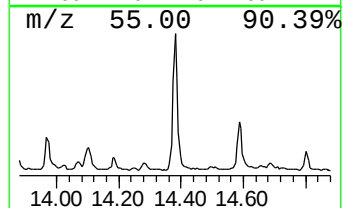
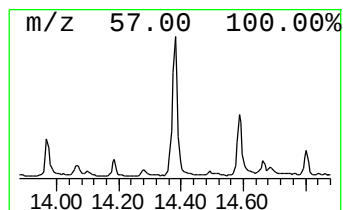
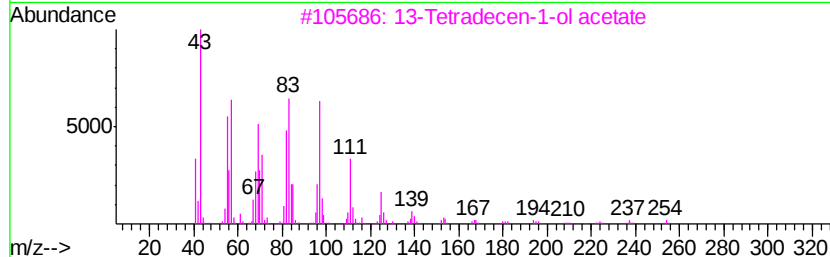
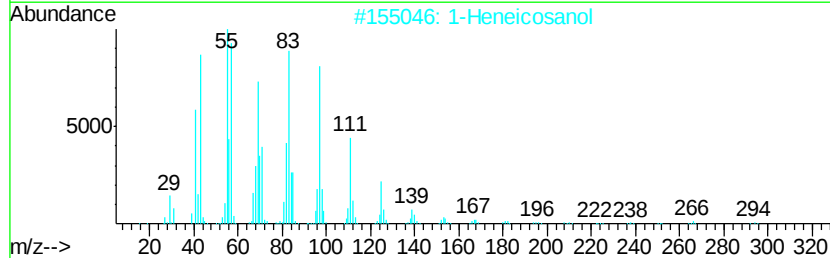
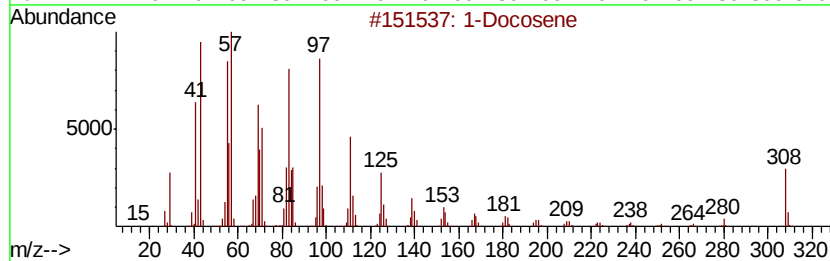
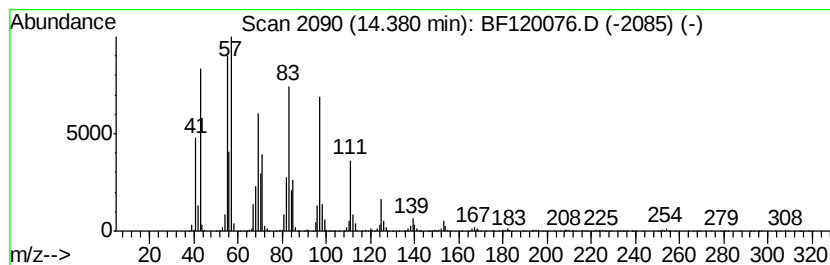
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	38.17 ng	2855480	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	98
2	1-Heneicosanol		312	C21H44O	015594-90-8	94
3	13-Tetradecen-1-ol acetate		254	C16H30O2	056221-91-1	93
4	10-Heneicosene (c,t)		294	C21H42	095008-11-0	91
5	Behenic alcohol		326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

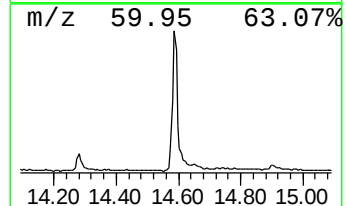
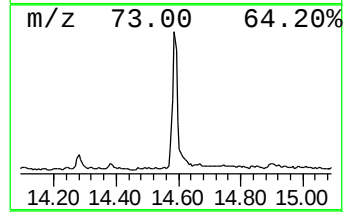
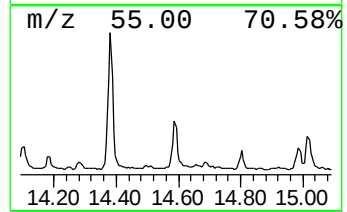
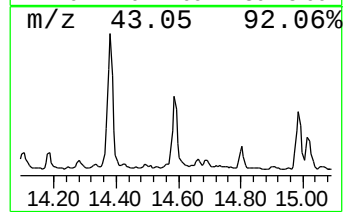
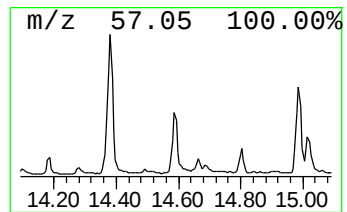
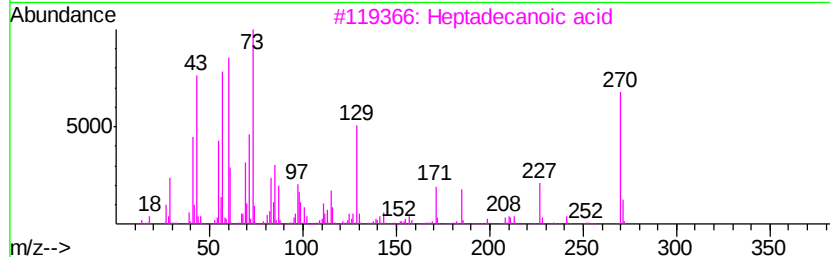
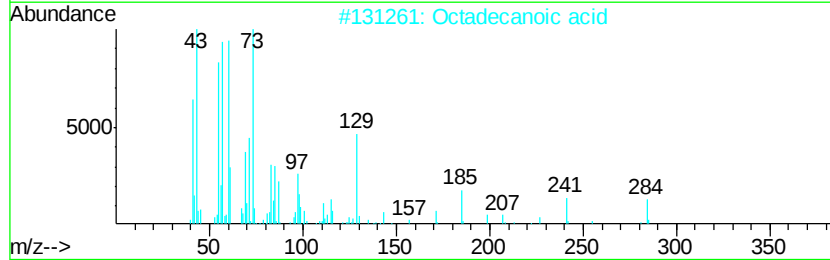
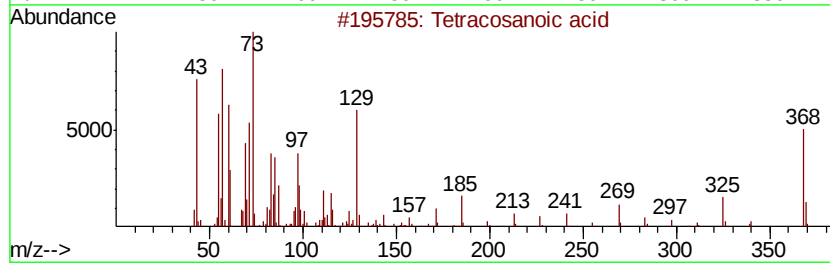
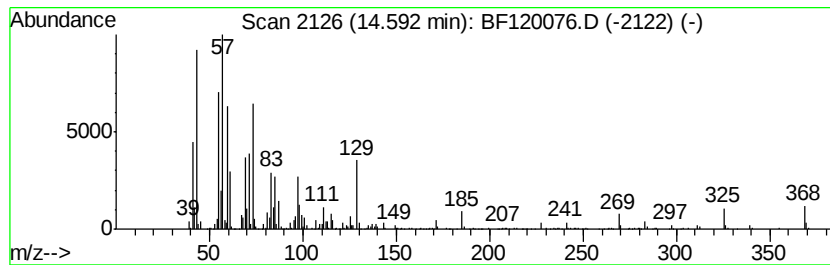
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	21.47 ng	1606190	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Heptadecanoic acid	270	C17H34O2	000506-12-7	93
4		Docosanoic acid	340	C22H44O2	000112-85-6	91
5		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

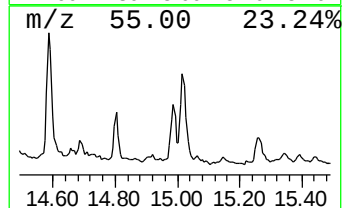
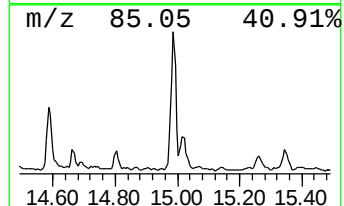
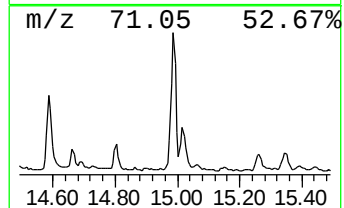
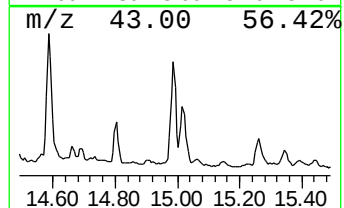
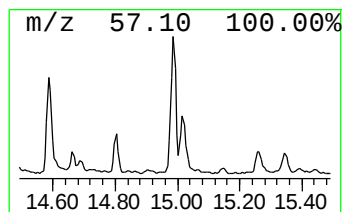
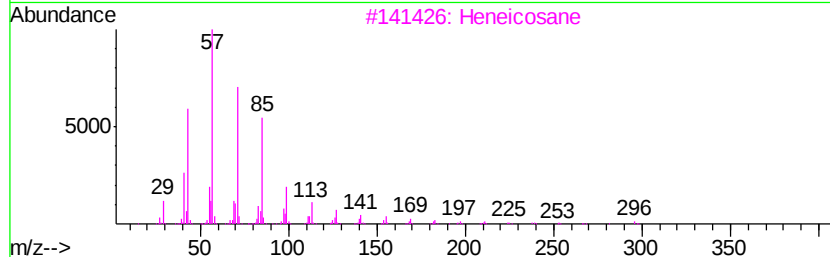
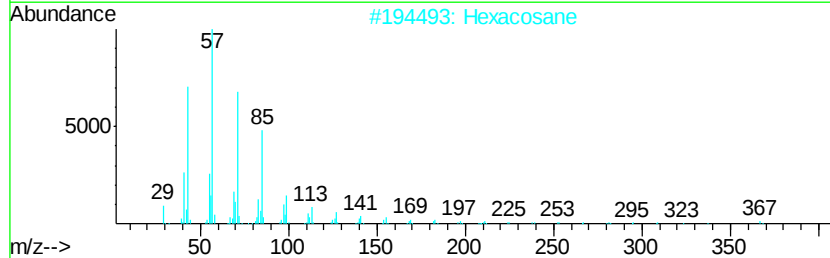
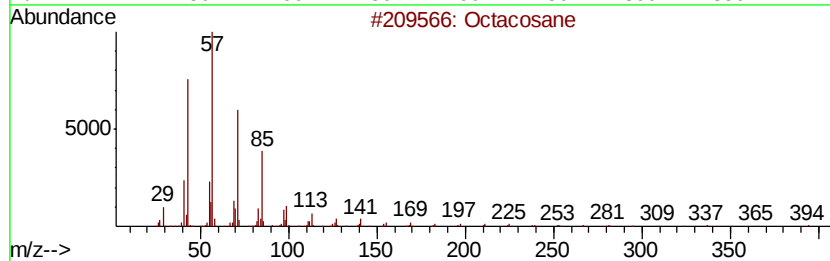
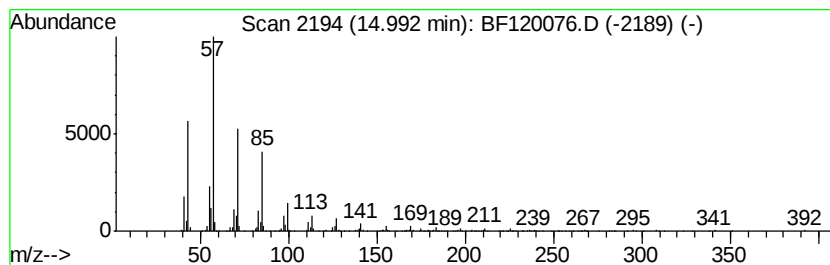
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	17.59 ng	899779	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptacosane	380	C27H56	000593-49-7	87
5			Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

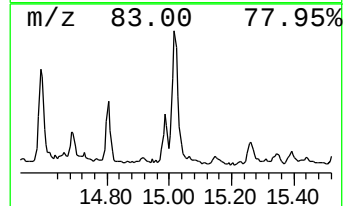
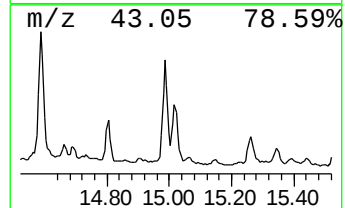
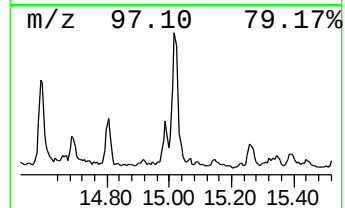
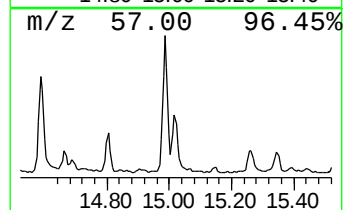
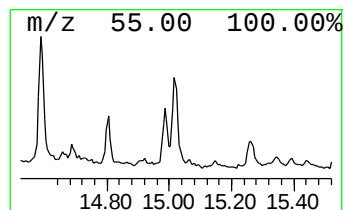
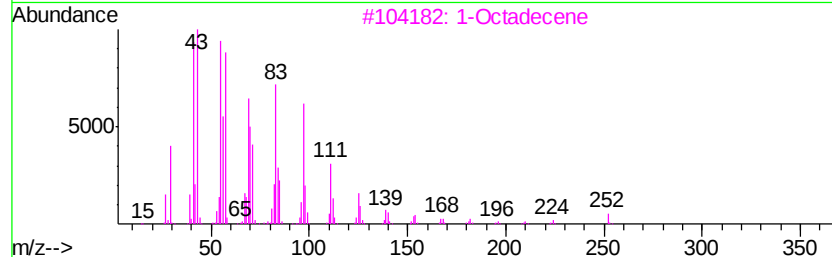
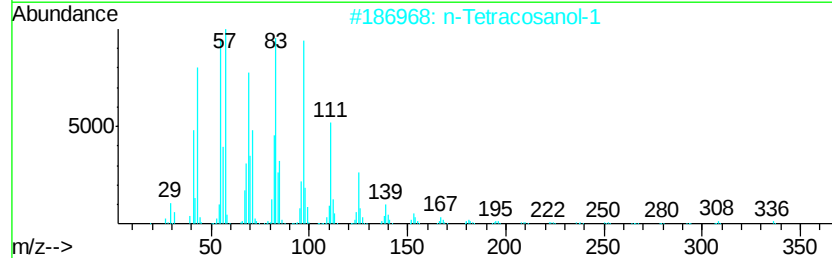
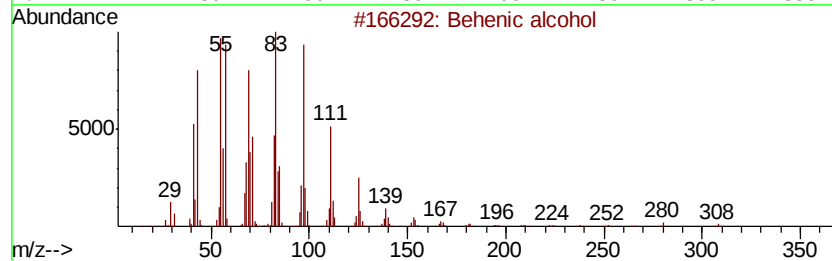
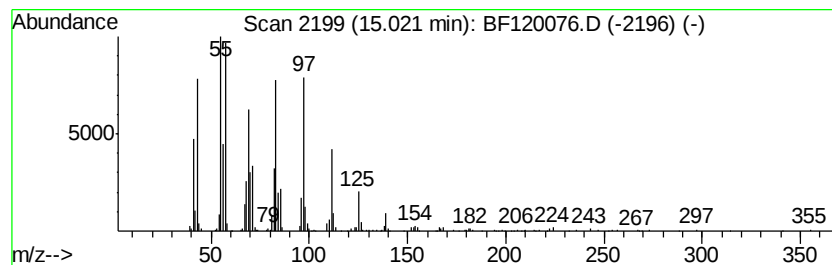
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Behenic alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	13.79 ng	705699	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		1-Octadecene	252 C18H36	000112-88-9 87
4		Cyclotetracosane	336 C24H48	000297-03-0 81
5		5-Eicosene, (E)-	280 C20H40	074685-30-6 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

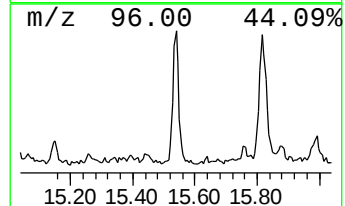
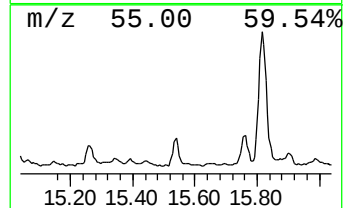
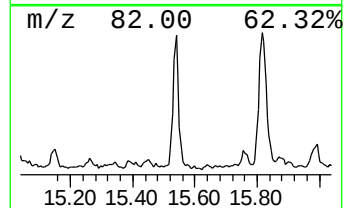
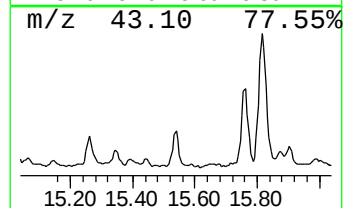
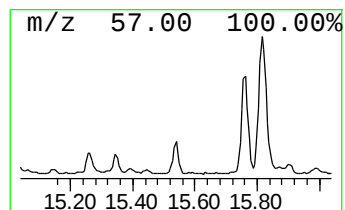
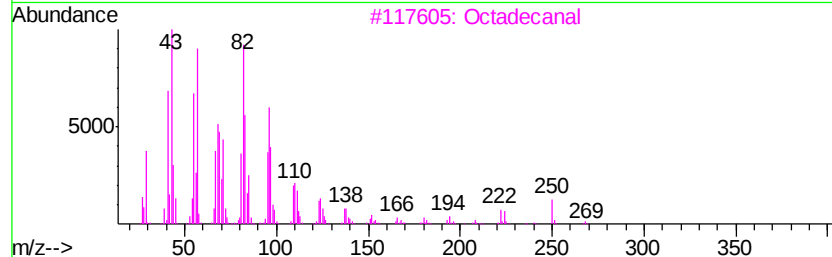
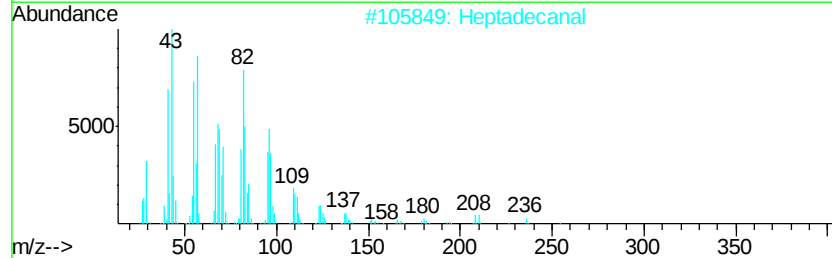
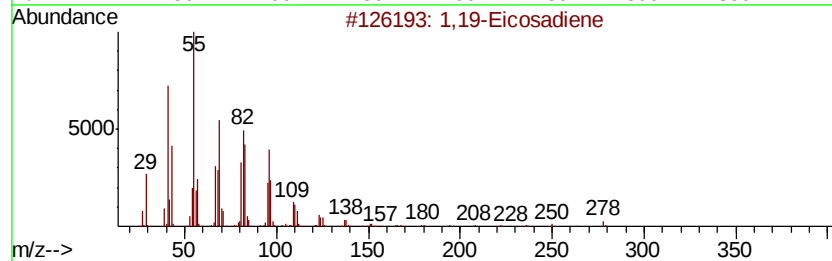
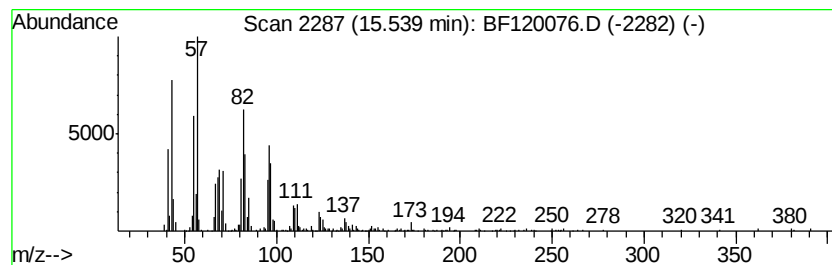
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	10.90 ng	557617	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	96
2	Heptadecanal	254 C17H34O	1000376-70-0	94
3	Octadecanal	268 C18H36O	000638-66-4	91
4	1,16-Hexadecanediol	258 C16H34O2	007735-42-4	90
5	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

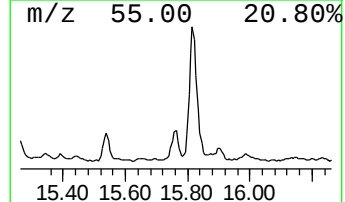
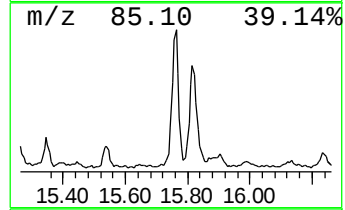
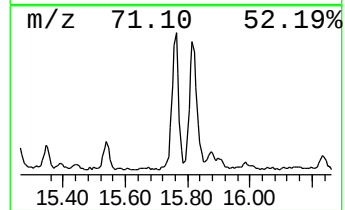
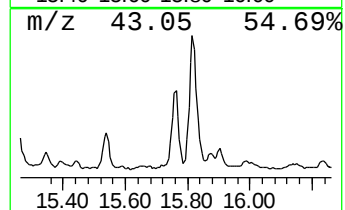
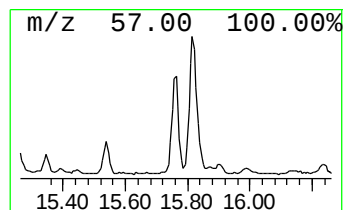
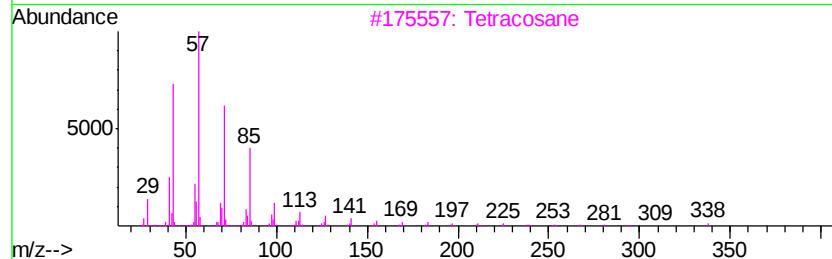
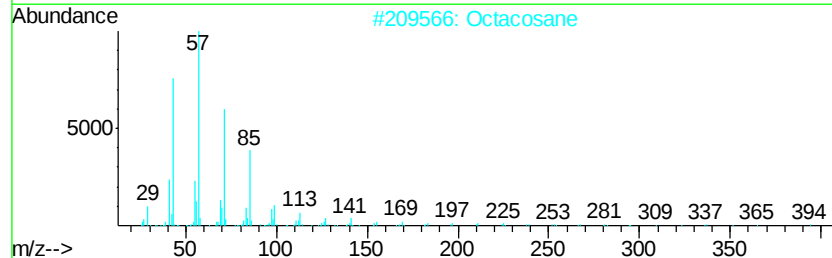
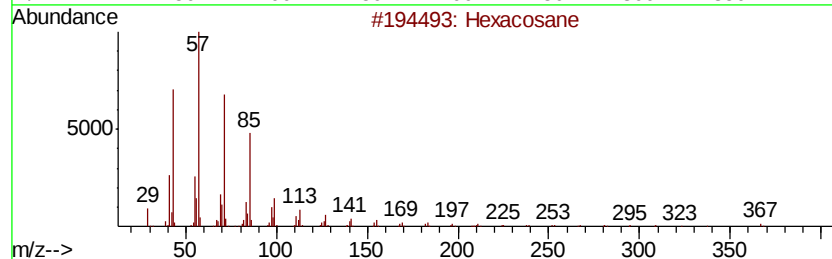
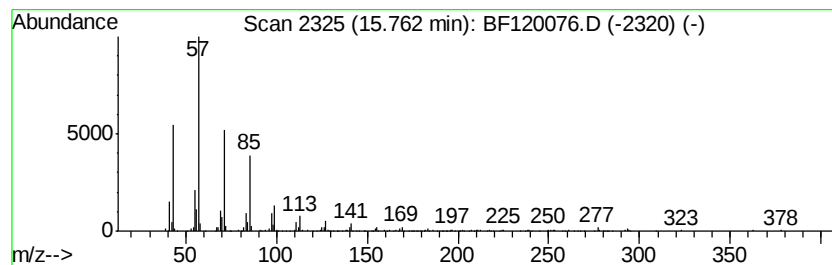
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	15.54 ng	794933	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

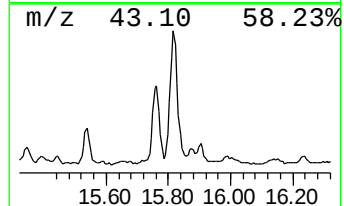
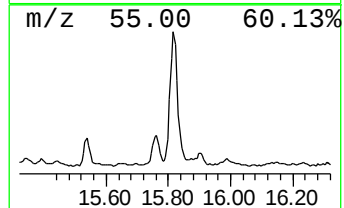
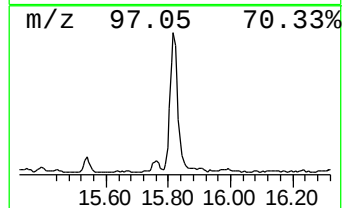
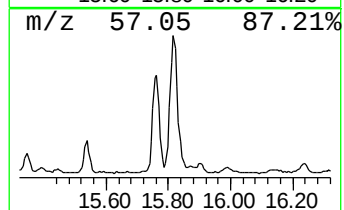
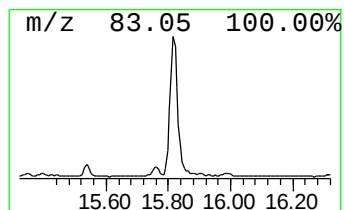
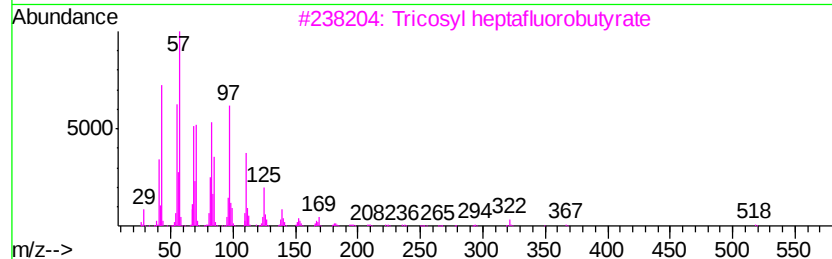
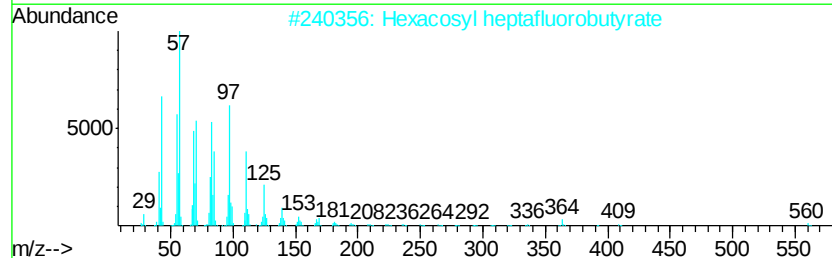
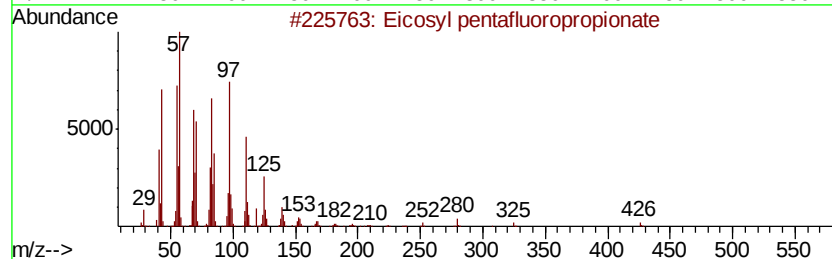
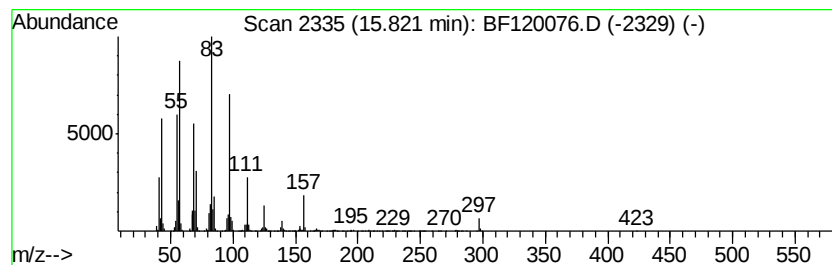
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.82 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	49.87 ng	2551590	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	46
2		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	43
3		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	43
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	41
5		17-Pentatriacontene	491	C35H70	006971-40-0	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

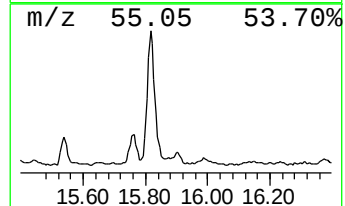
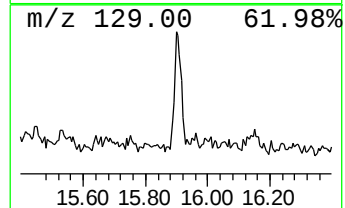
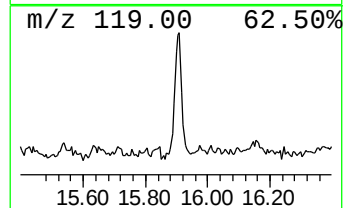
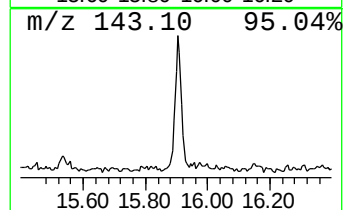
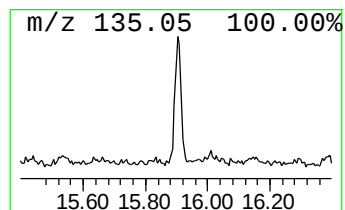
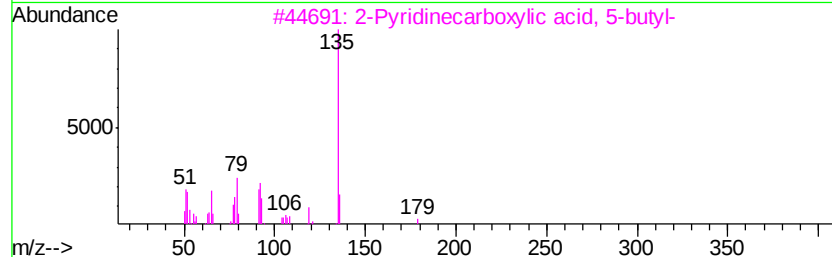
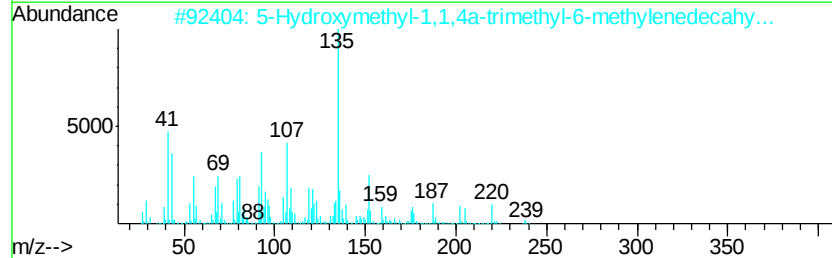
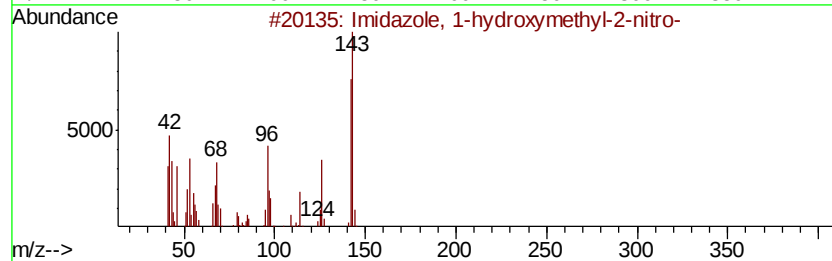
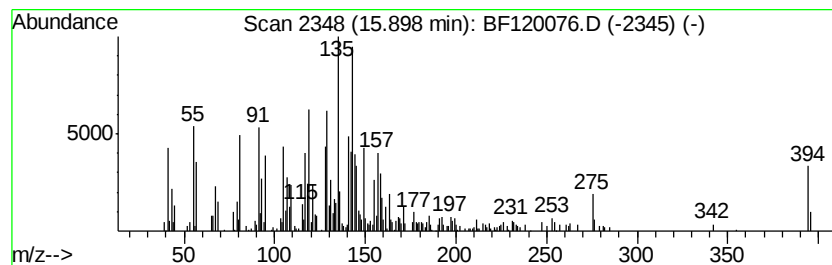
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.18 ng	469628	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Imidazole, 1-hydroxymethyl-2-nitro-	143	C4H5N3O3	097987-87-6	11
2		5-Hydroxymethyl-1,1,4a-trimethyl...	238	C15H26O2	1000191-00-4	11
3		2-Pyridinecarboxylic acid, 5-butyl-	179	C10H13NO2	000536-69-6	11
4		Aziridinone, 1-(1,1-dimethylethy...	247	C16H25NO	016664-32-7	10
5		5-Ethoxy-4-ethoxycarbonylmethylo...	199	C9H13NO4	010500-74-0	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

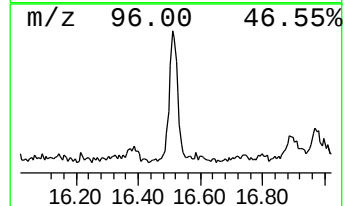
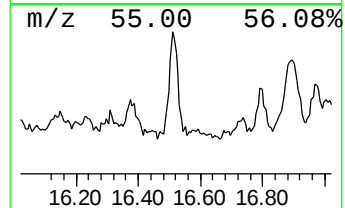
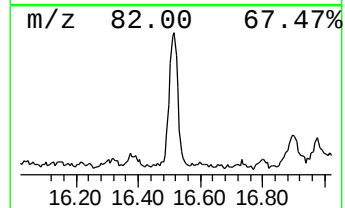
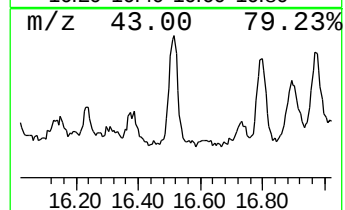
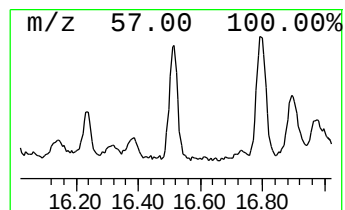
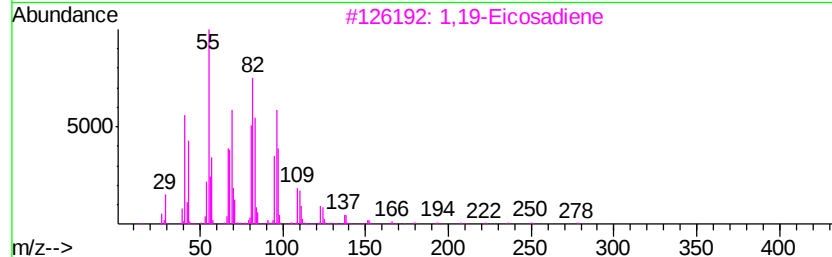
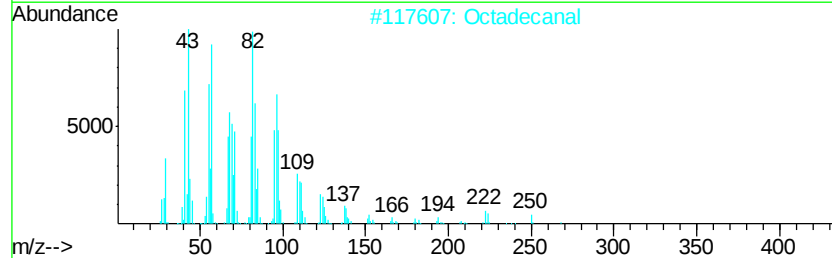
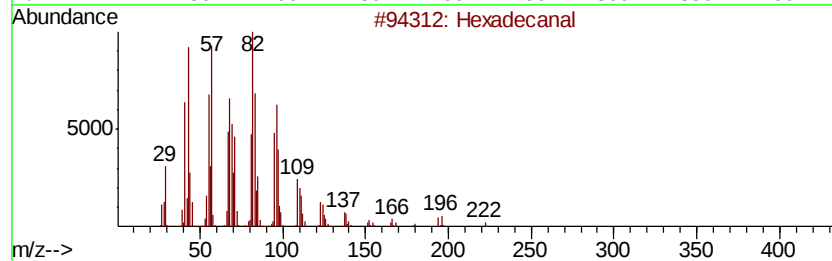
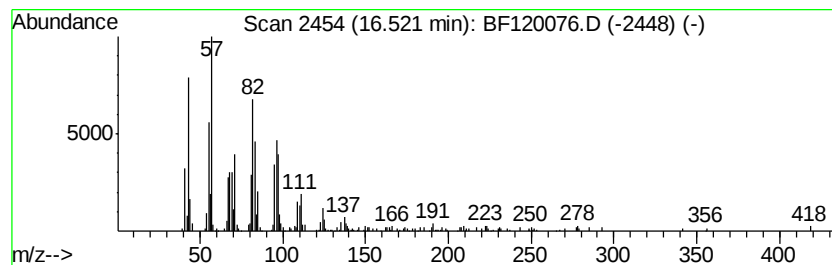
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.52	9.43 ng	482250	Perylene-d12		15.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	1,19-Eicosadiene	278	C20H38	014811-95-1	72
4	2-Tridecen-1-ol, (E)-	198	C13H26O	074962-98-4	58
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

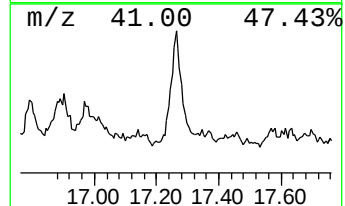
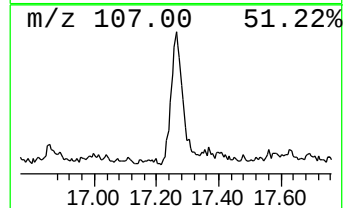
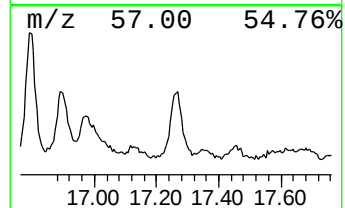
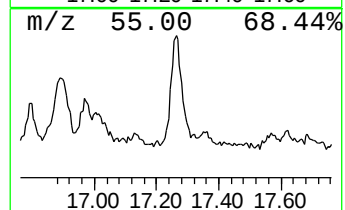
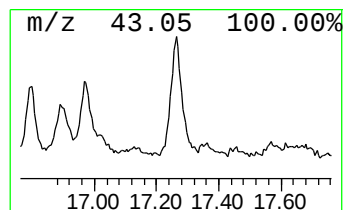
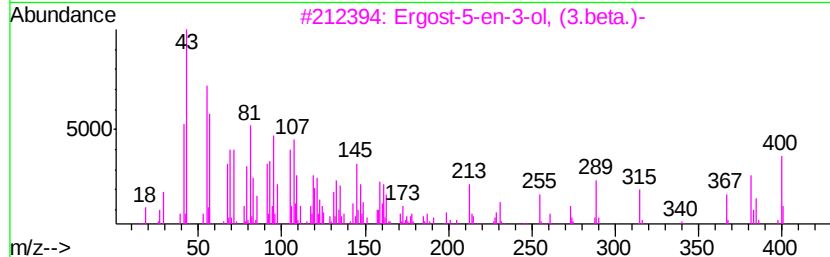
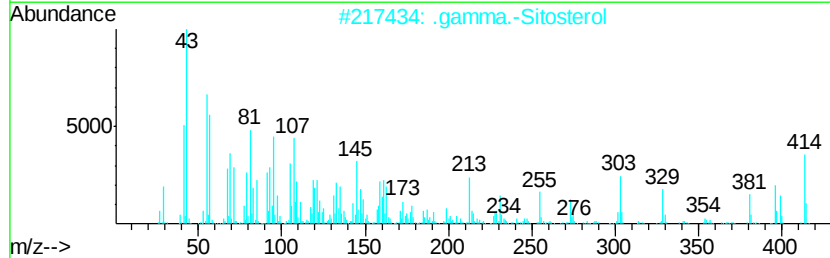
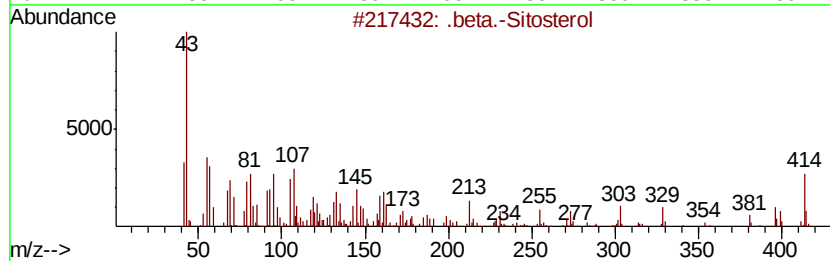
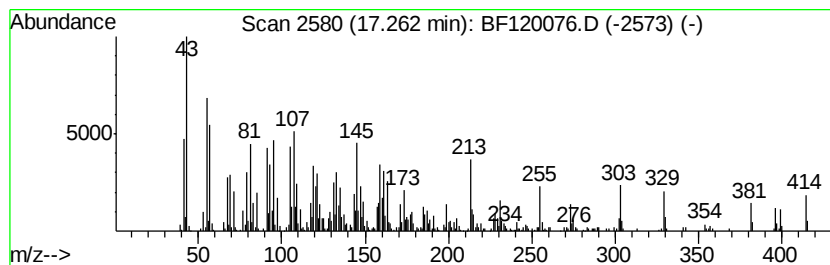
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	29.72 ng	1520550	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46
4		Cholest-5-ene, 3-ethoxy-, (3.beta.)-	414	C29H50O	000986-19-6	43
5		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

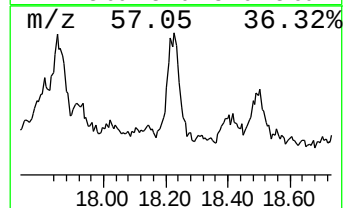
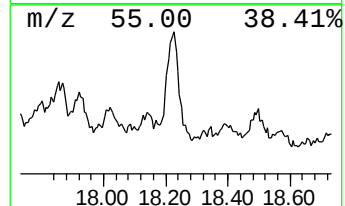
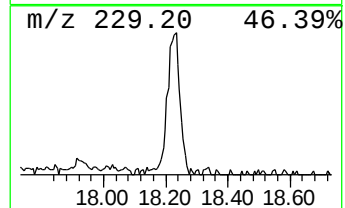
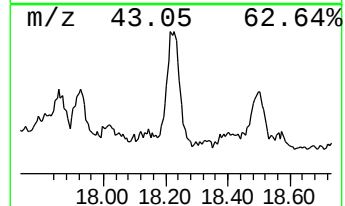
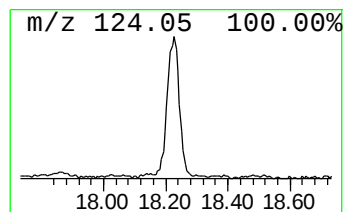
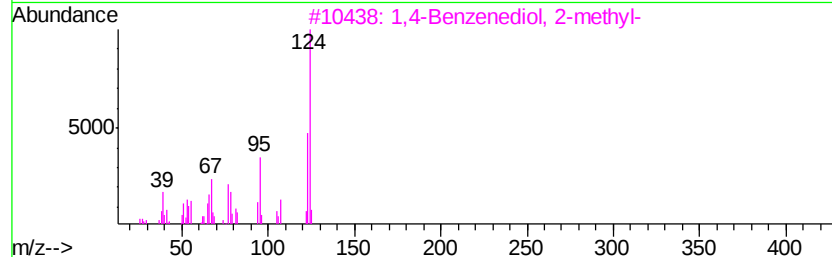
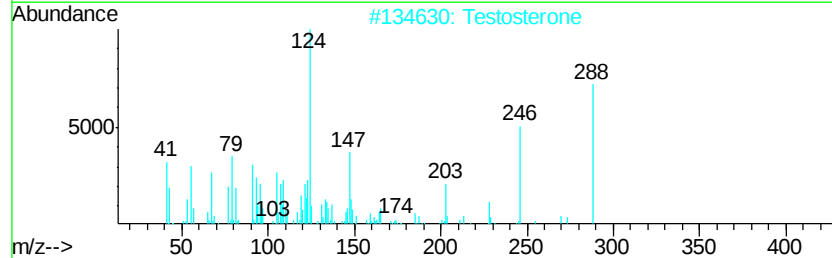
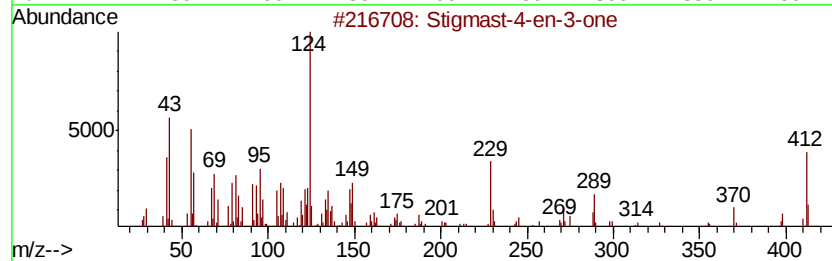
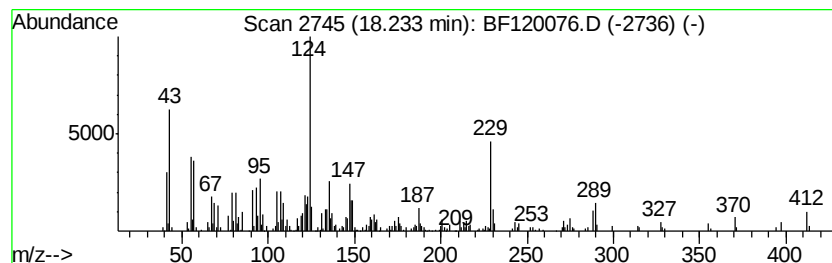
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	18.00 ng	920690	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	97
2		Testosterone	288	C19H28O2	000058-22-0	49
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
4		Orcinol	124	C7H8O2	000504-15-4	38
5		2,4-Diaminophenol	124	C6H8N2O	000095-86-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
n-Hexadecanoic acid	11.79	17.9	ng	1318340	4	11.24	1471340	20.0
Octadecanoic acid	12.57	9.7	ng	724819	5	13.89	1496130	20.0
.gamma.-Elemene	13.38	9.9	ng	743653	5	13.89	1496130	20.0
unknown13.61	13.61	23.6	ng	1768870	5	13.89	1496130	20.0
1-Phenanthrenecar...	13.72	70.8	ng	5293210	5	13.89	1496130	20.0
Heptafluorobutyri...	13.74	18.6	ng	1395120	5	13.89	1496130	20.0
Docosanoic acid	13.97	11.9	ng	886775	5	13.89	1496130	20.0
unknown14.10	14.10	13.8	ng	1031770	5	13.89	1496130	20.0
1-Docosene	14.38	38.2	ng	2855480	5	13.89	1496130	20.0
Tetracosanoic acid	14.59	21.5	ng	1606190	5	13.89	1496130	20.0
Octacosane	14.99	17.6	ng	899779	6	15.32	1023220	20.0
Behenic alcohol	15.02	13.8	ng	705699	6	15.32	1023220	20.0
1,19-Eicosadiene	15.54	10.9	ng	557617	6	15.32	1023220	20.0
Hexacosane	15.76	15.5	ng	794933	6	15.32	1023220	20.0
unknown15.82	15.82	49.9	ng	2551590	6	15.32	1023220	20.0
unknown15.90	15.90	9.2	ng	469628	6	15.32	1023220	20.0
Hexadecanal	16.52	9.4	ng	482250	6	15.32	1023220	20.0
.beta.-Sitosterol	17.26	29.7	ng	1520550	6	15.32	1023220	20.0
Stigmast-4-en-3-one	18.23	18.0	ng	920690	6	15.32	1023220	20.0