

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112482.D
 Acq On : 11 Feb 2019 15:55
 Operator : JU/SJ
 Sample : K1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-VJ210

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-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	16	rVB	104706	136037	3.84%	0.299%
2	5.057	501	505	516	rBV	87544	125899	3.55%	0.276%
3	5.469	572	575	599	rBV	2392357	2595002	73.19%	5.697%
4	6.481	743	747	765	rBV	2526758	2804185	79.09%	6.156%
5	6.610	765	769	781	rVB	3407025	2974450	83.90%	6.530%
6	6.833	803	807	815	rBV	880214	842230	23.76%	1.849%
7	6.986	829	833	844	rBV	2590780	2307494	65.08%	5.066%
8	7.398	898	903	914	rBV	1722132	1796895	50.68%	3.945%
9	8.116	1021	1025	1038	rVB	1076876	1088763	30.71%	2.390%
10	9.186	1202	1207	1216	rBV	3989506	3545363	100.00%	7.783%
11	9.263	1217	1220	1223	rVV	74495	63523	1.79%	0.139%
12	9.527	1261	1265	1271	rBV5	31377	52356	1.48%	0.115%
13	9.580	1271	1274	1278	rBV	269914	256097	7.22%	0.562%
14	9.733	1297	1300	1303	rBV	42973	48042	1.36%	0.105%
15	9.792	1303	1310	1315	rVV	155811	146356	4.13%	0.321%
16	9.869	1318	1323	1327	rVV	1413379	1251001	35.29%	2.746%
17	9.898	1327	1328	1332	rVB	81880	66598	1.88%	0.146%
18	10.074	1356	1358	1362	rVB3	67793	64349	1.82%	0.141%
19	10.116	1362	1365	1369	rVB3	56838	62502	1.76%	0.137%
20	10.186	1373	1377	1379	rBV2	38440	46139	1.30%	0.101%
21	10.216	1379	1382	1384	rBV2	49100	50626	1.43%	0.111%
22	10.292	1389	1395	1398	rBV	260021	248559	7.01%	0.546%
23	10.416	1410	1416	1421	rBV	92369	133063	3.75%	0.292%
24	10.510	1429	1432	1438	rVB	90412	116904	3.30%	0.257%
25	10.663	1454	1458	1467	rBV	2087610	2001760	56.46%	4.394%
26	10.763	1472	1475	1484	rVB	295784	396292	11.18%	0.870%
27	10.957	1505	1508	1512	rBV5	41209	71720	2.02%	0.157%
28	10.992	1512	1514	1517	rVB3	53788	49442	1.39%	0.109%
29	11.174	1542	1545	1549	rBV2	489588	513625	14.49%	1.128%
30	11.210	1549	1551	1554	rVV	287148	266950	7.53%	0.586%
31	11.245	1554	1557	1563	rVB2	124323	173126	4.88%	0.380%
32	11.357	1572	1576	1578	rBV	1296399	1125548	31.75%	2.471%
33	11.380	1578	1580	1586	rVV	615917	539907	15.23%	1.185%
34	11.433	1586	1589	1592	rVB	111784	92948	2.62%	0.204%

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112482.D
 Acq On : 11 Feb 2019 15:55
 Operator : JU/SJ
 Sample : K1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-VJ210

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-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.592	1612	1616	1621	rBV3	86495	109373	3.08%	0.240%
36	11.639	1621	1624	1627	rVB	216289	171841	4.85%	0.377%
37	11.739	1637	1641	1644	rVB	258338	221112	6.24%	0.485%
38	11.857	1658	1661	1662	rBV	76057	59431	1.68%	0.130%
39	11.880	1662	1665	1671	rVB2	352211	421637	11.89%	0.926%
40	11.968	1677	1680	1683	rBV2	146149	152110	4.29%	0.334%
41	12.045	1689	1693	1699	rBV	214769	192278	5.42%	0.422%
42	12.151	1709	1711	1715	rVB	57943	46761	1.32%	0.103%
43	12.192	1715	1718	1721	rBV2	61936	67313	1.90%	0.148%
44	12.292	1731	1735	1739	rBV3	87985	97697	2.76%	0.214%
45	12.368	1745	1748	1752	rBV2	39242	55550	1.57%	0.122%
46	12.421	1752	1757	1758	rBV2	640715	555335	15.66%	1.219%
47	12.445	1758	1761	1764	rVV	2895214	2604583	73.46%	5.718%
48	12.504	1767	1771	1773	rBV2	53609	56256	1.59%	0.123%
49	12.527	1773	1775	1779	rVB	127616	105226	2.97%	0.231%
50	12.574	1779	1783	1787	rBV	939384	899770	25.38%	1.975%
51	12.663	1795	1798	1805	rBV2	288979	302108	8.52%	0.663%
52	12.721	1806	1808	1811	rVB2	47512	44374	1.25%	0.097%
53	12.804	1815	1822	1825	rBV	809158	862037	24.31%	1.892%
54	12.857	1828	1831	1834	rVB2	47230	52907	1.49%	0.116%
55	12.939	1838	1845	1848	rBV	2901268	2647488	74.67%	5.812%
56	12.968	1848	1850	1855	rVB	37082	44908	1.27%	0.099%
57	13.015	1855	1858	1863	rBV2	57258	106390	3.00%	0.234%
58	13.110	1870	1874	1875	rBV3	52103	65648	1.85%	0.144%
59	13.133	1875	1878	1880	rVV	112209	119429	3.37%	0.262%
60	13.157	1880	1882	1884	rVV	96357	93478	2.64%	0.205%
61	13.198	1887	1889	1891	rVV2	82170	68309	1.93%	0.150%
62	13.239	1892	1896	1903	rVB3	89633	146933	4.14%	0.323%
63	13.327	1908	1911	1914	rBV	54559	49850	1.41%	0.109%
64	13.362	1914	1917	1921	rBV2	76225	93077	2.63%	0.204%
65	13.498	1935	1940	1943	rBV2	115110	145050	4.09%	0.318%
66	13.645	1963	1965	1969	rVB	57831	52238	1.47%	0.115%
67	13.751	1981	1983	1985	rBV	57189	54758	1.54%	0.120%
68	13.774	1985	1987	1990	rVB	53548	42724	1.21%	0.094%
69	13.827	1993	1996	1999	rBV3	269650	249428	7.04%	0.548%
70	13.998	2020	2025	2028	rBV2	954279	1184646	33.41%	2.601%
71	14.027	2028	2030	2037	rVB	319278	290529	8.19%	0.638%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112482.D
 Acq On : 11 Feb 2019 15:55
 Operator : JU/SJ
 Sample : K1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-VJ210

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-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.109	2041	2044	2045	rBV	46743	41130	1.16%	0.090%
73	14.139	2045	2049	2058	rVB3	198256	280332	7.91%	0.615%
74	14.386	2087	2091	2094	rVB	76149	99429	2.80%	0.218%
75	14.451	2099	2102	2110	rVB	281928	340295	9.60%	0.747%
76	14.515	2111	2113	2115	rBV2	42762	43760	1.23%	0.096%
77	14.751	2147	2153	2156	rVB2	384648	468834	13.22%	1.029%
78	14.827	2162	2166	2174	rVB	129513	143388	4.04%	0.315%
79	14.892	2174	2177	2181	rVB2	137567	136811	3.86%	0.300%
80	15.045	2199	2203	2206	rBV	295632	417332	11.77%	0.916%
81	15.086	2206	2210	2213	rVV2	845914	1038929	29.30%	2.281%
82	15.115	2213	2215	2219	rVV3	83497	121672	3.43%	0.267%
83	15.156	2219	2222	2225	rVB	58071	66952	1.89%	0.147%
84	15.351	2251	2255	2260	rVB	174201	238120	6.72%	0.523%
85	15.409	2261	2265	2269	rBV	225030	326365	9.21%	0.716%
86	15.468	2269	2275	2280	rVV2	609449	1145038	32.30%	2.514%
87	15.656	2303	2307	2311	rBV	87834	123288	3.48%	0.271%
88	15.886	2340	2346	2351	rBV	635327	918782	25.92%	2.017%
89	16.374	2424	2429	2437	rVB2	180777	358569	10.11%	0.787%
90	16.668	2476	2479	2485	rVB3	73150	122981	3.47%	0.270%
91	16.962	2523	2529	2537	rVB2	206222	413865	11.67%	0.909%
92	17.409	2602	2605	2613	rVB	60673	120329	3.39%	0.264%

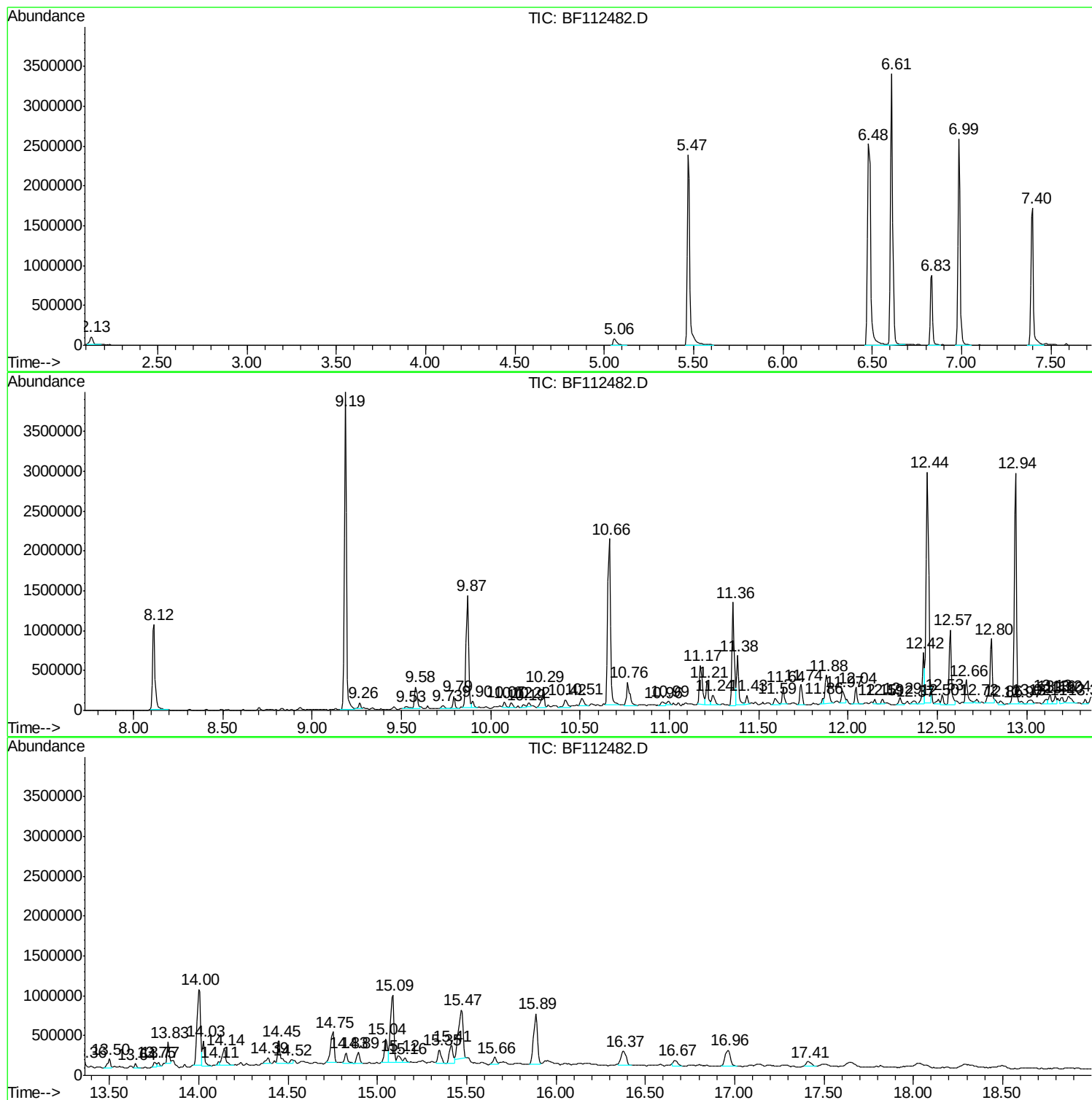
Sum of corrected areas: 45552534

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HB-VJ210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

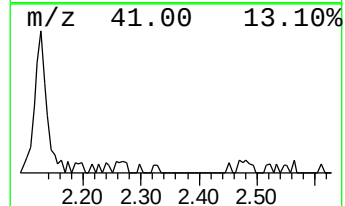
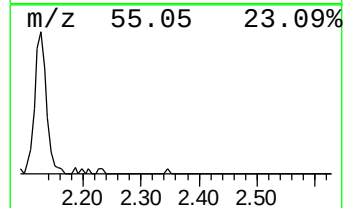
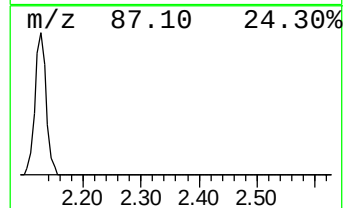
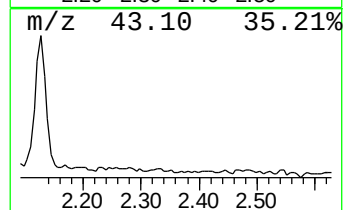
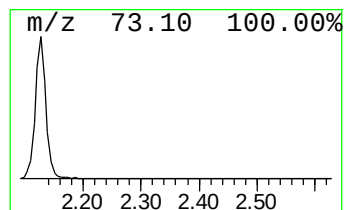
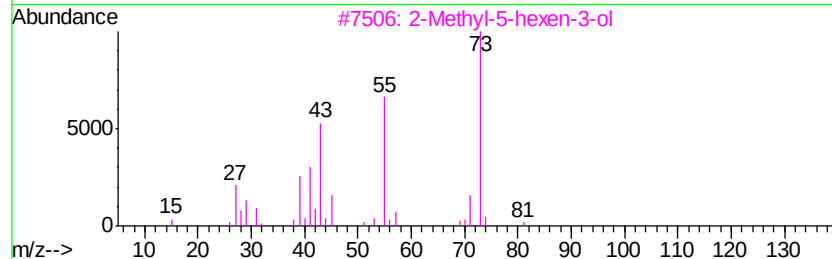
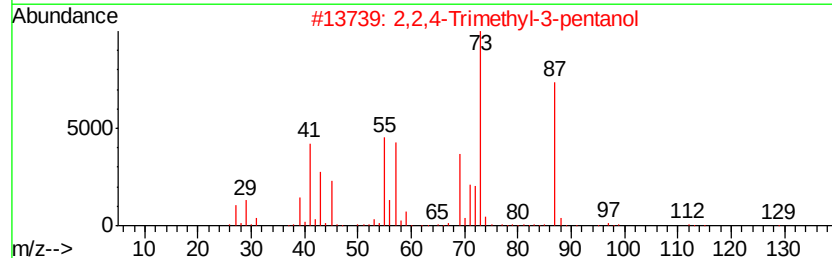
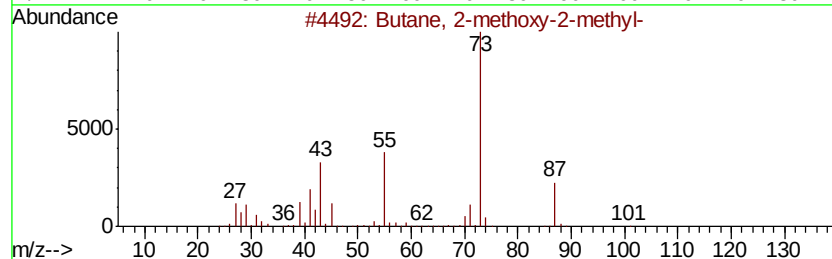
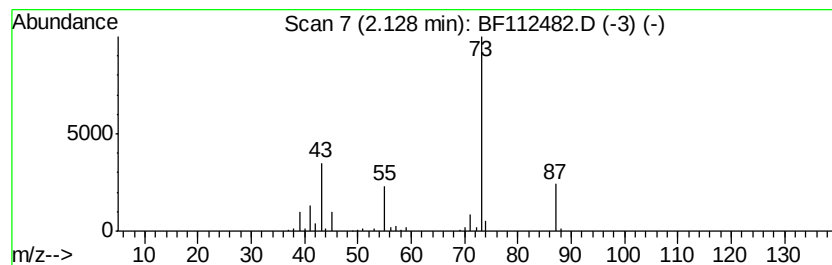
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	3.23 ng	136037	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

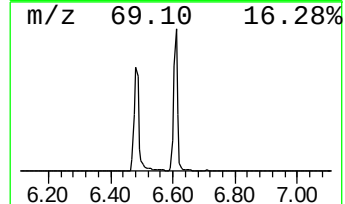
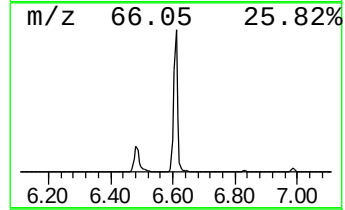
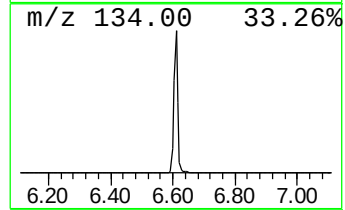
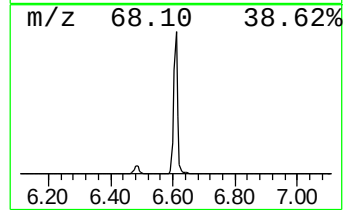
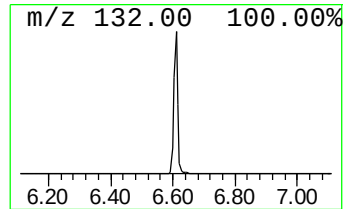
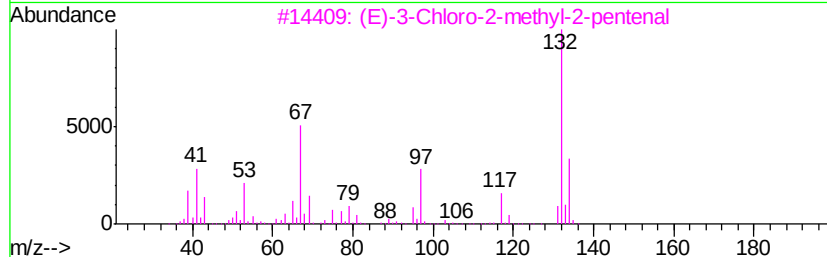
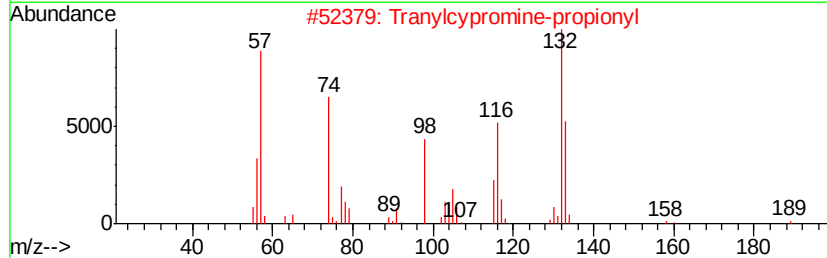
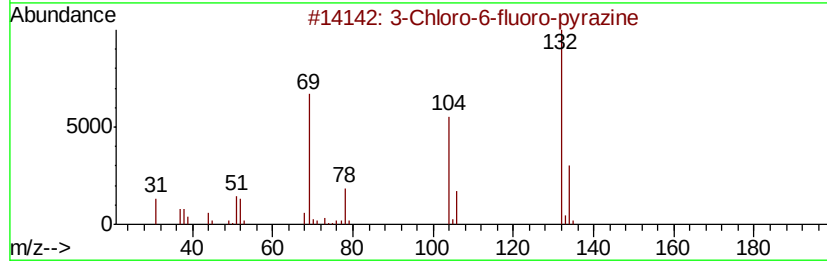
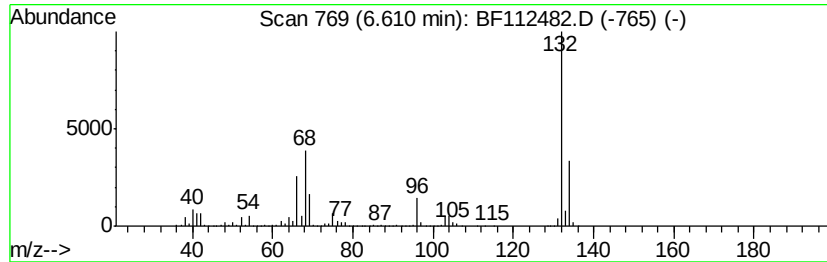
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.63 ng	2974450	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

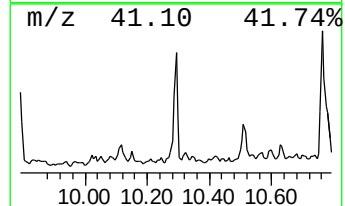
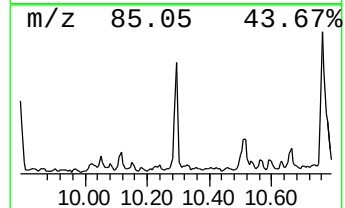
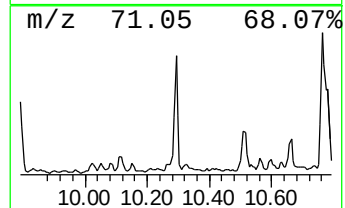
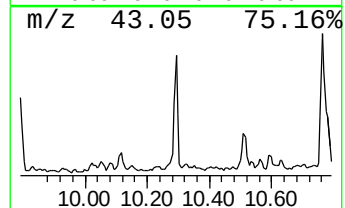
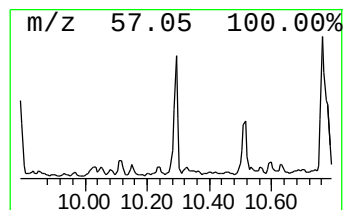
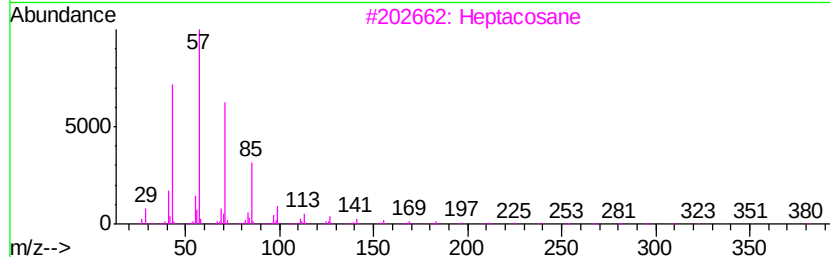
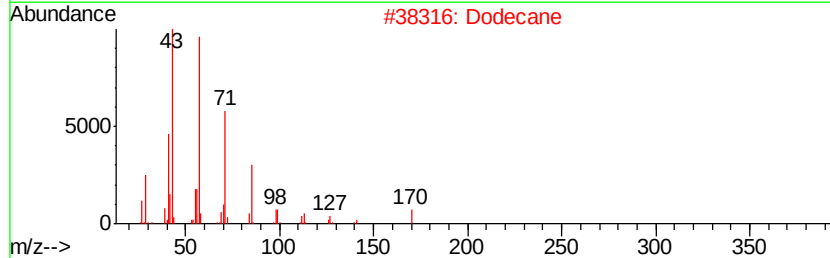
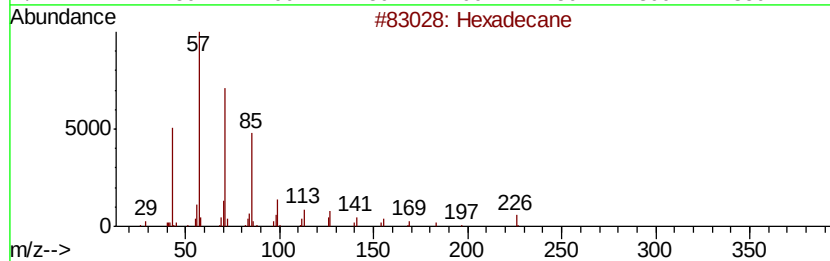
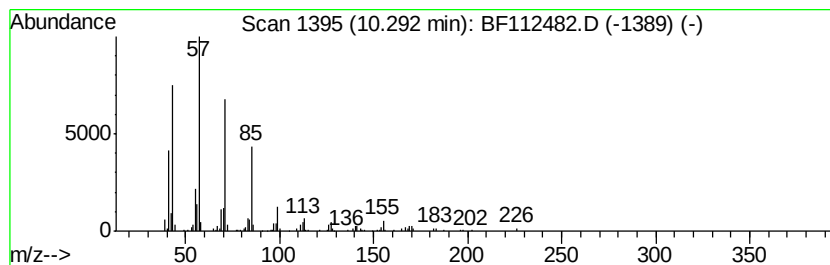
Instrument :
BNA_F
ClientSampleId :
HB-VJ210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	3.97 ng	248559	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	97
2	Dodecane	170 C12H26	000112-40-3	93
3	Heptacosane	380 C27H56	000593-49-7	91
4	Tetradecane	198 C14H30	000629-59-4	91
5	Heptadecane	240 C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112482.D
 Acq On : 11 Feb 2019 15:55
 Operator : JU/SJ
 Sample : K1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-VJ210

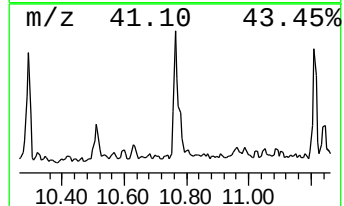
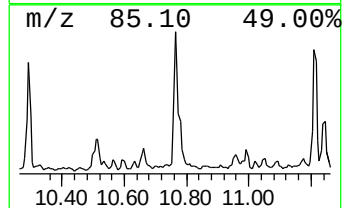
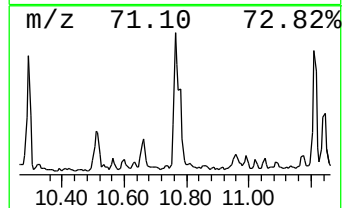
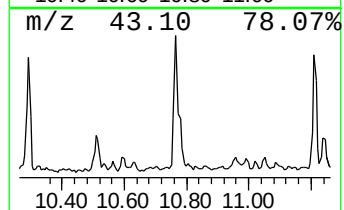
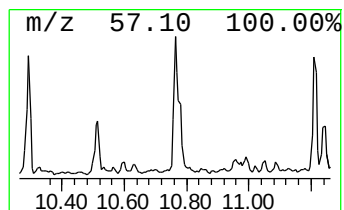
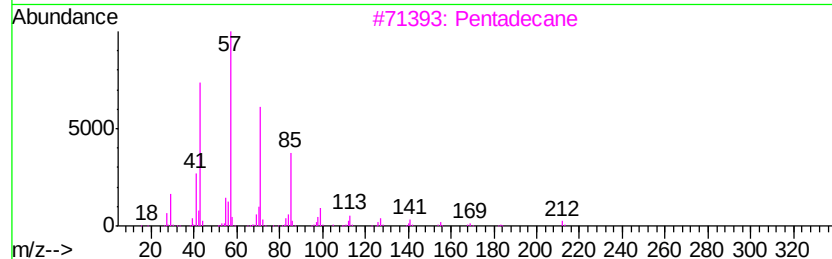
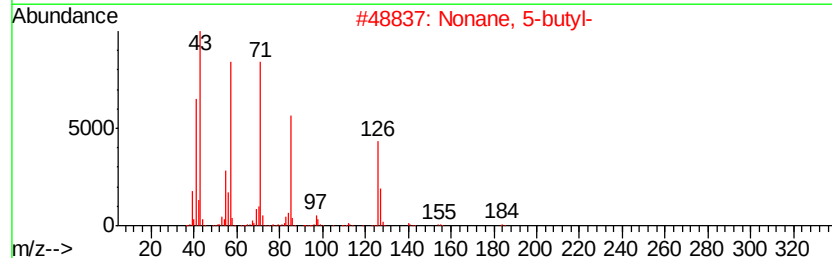
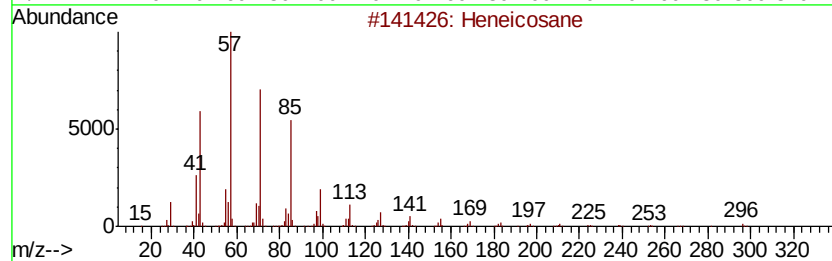
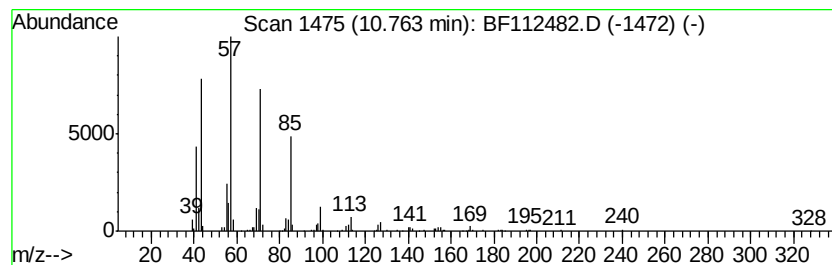
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.04 ng	396292	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

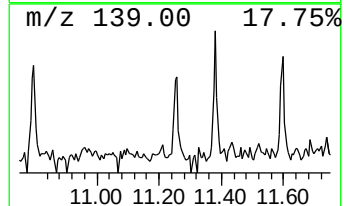
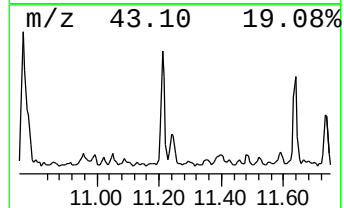
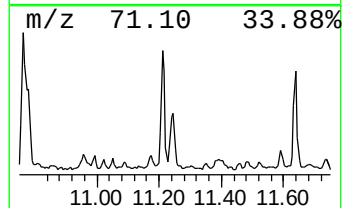
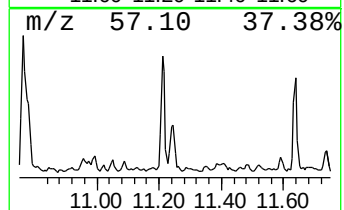
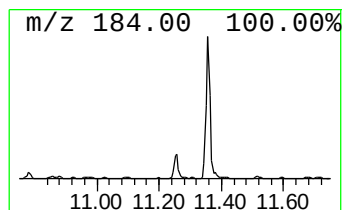
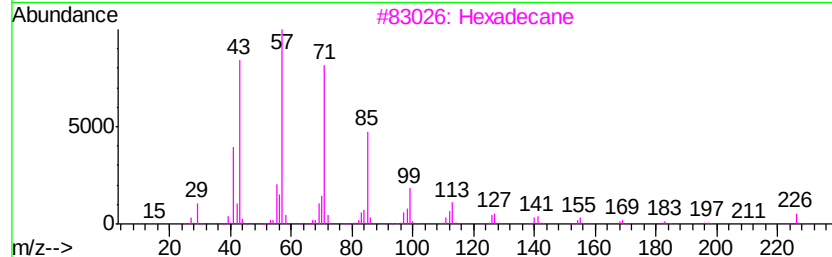
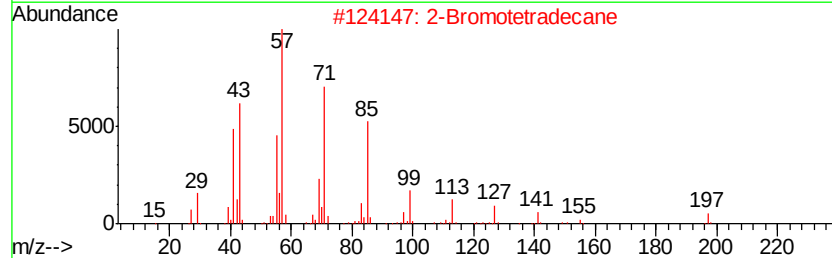
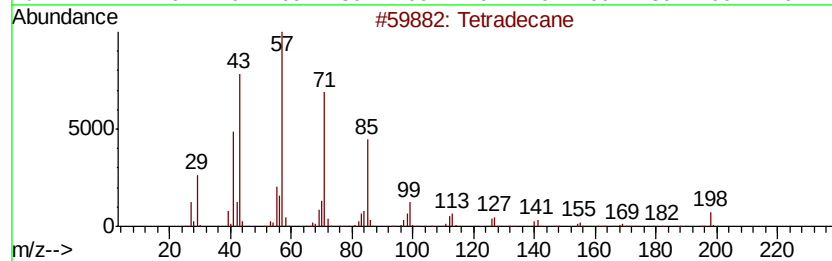
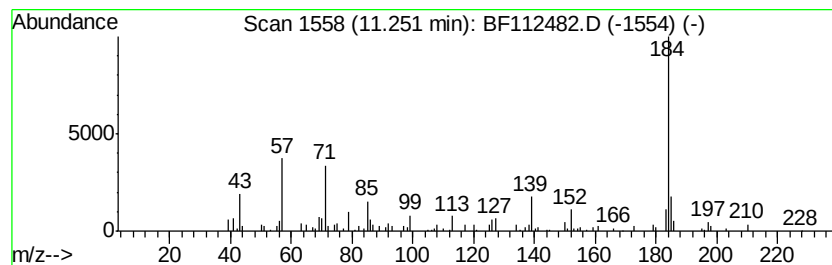
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.08 ng	173126	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Hexadecane	226	C16H34	000544-76-3	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

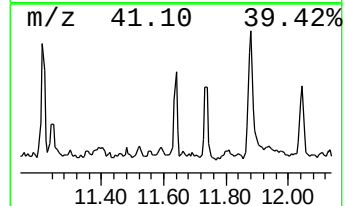
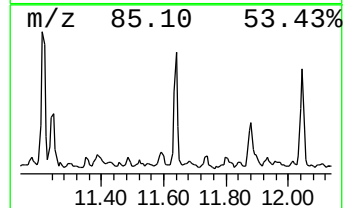
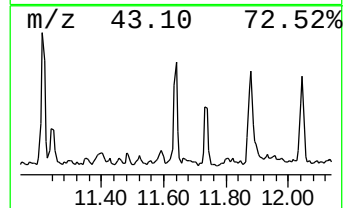
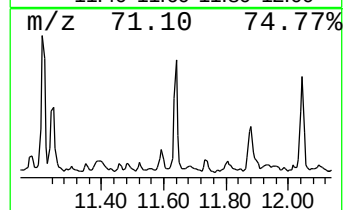
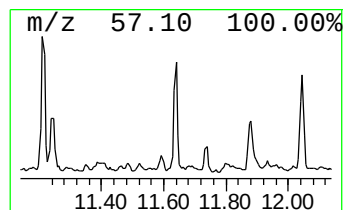
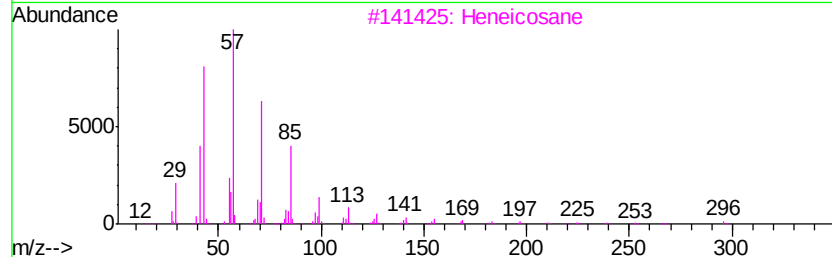
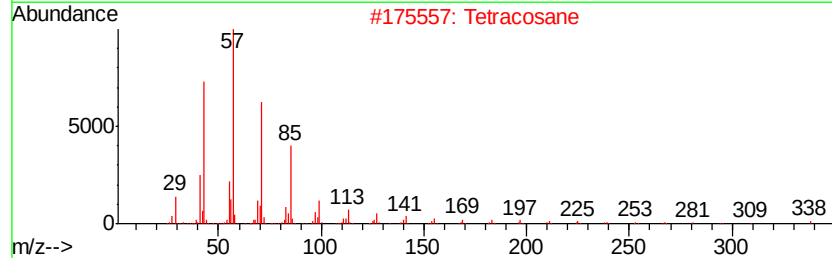
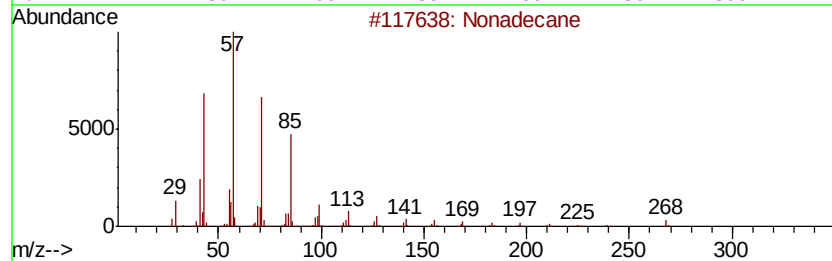
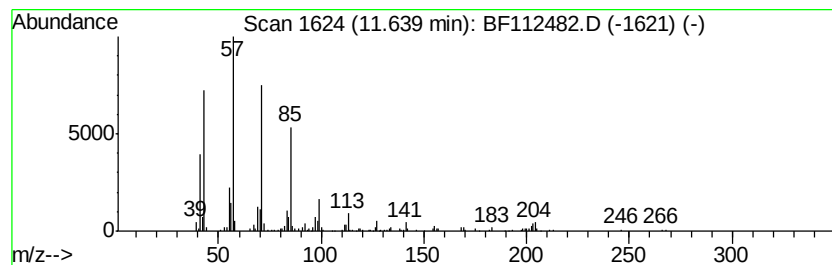
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.05 ng	171841	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

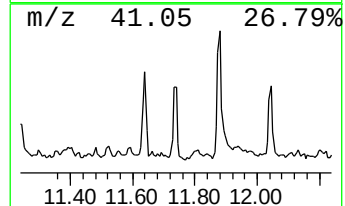
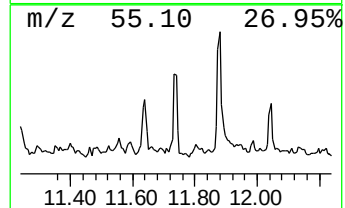
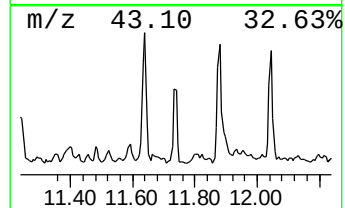
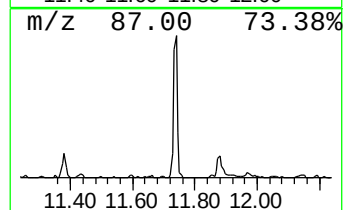
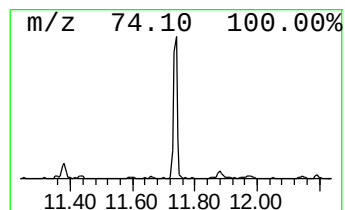
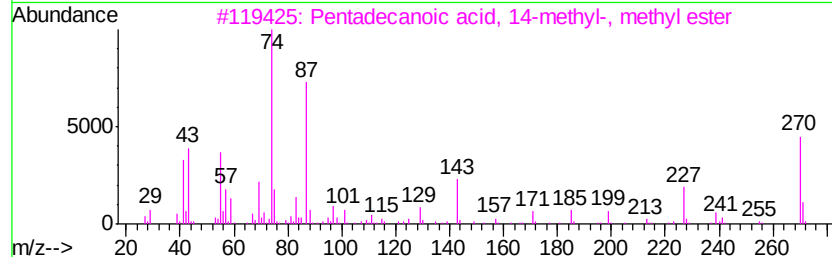
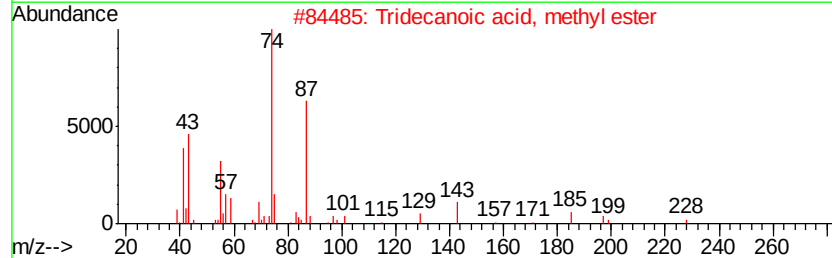
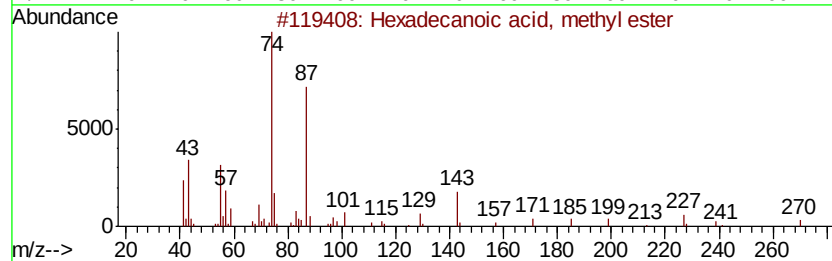
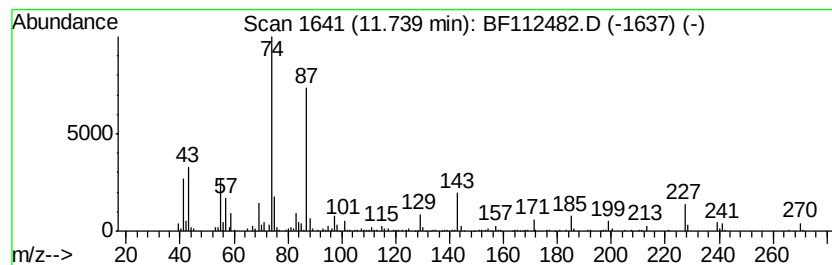
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.93 ng	221112	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

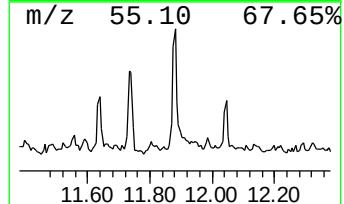
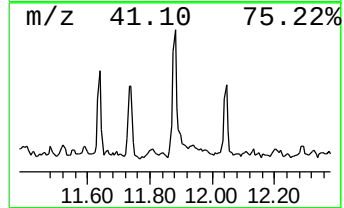
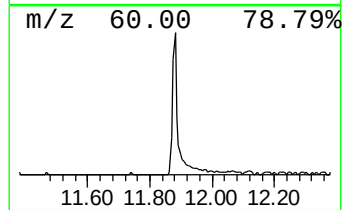
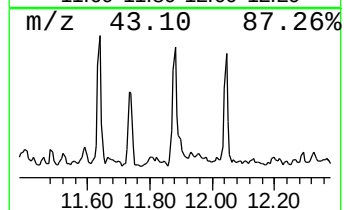
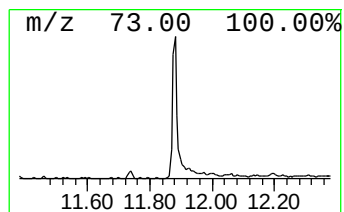
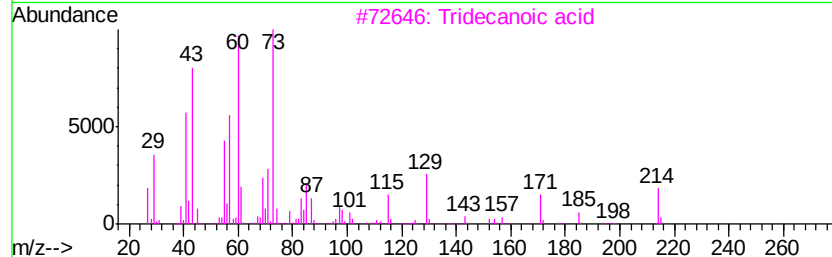
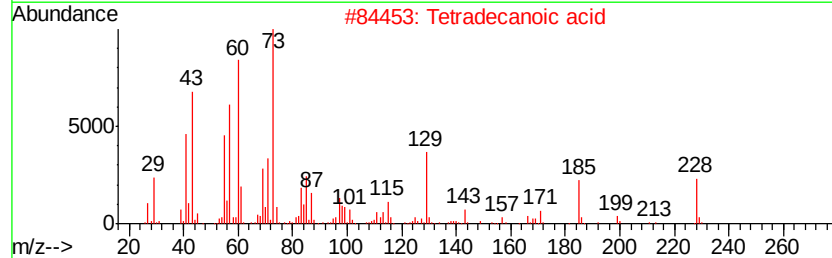
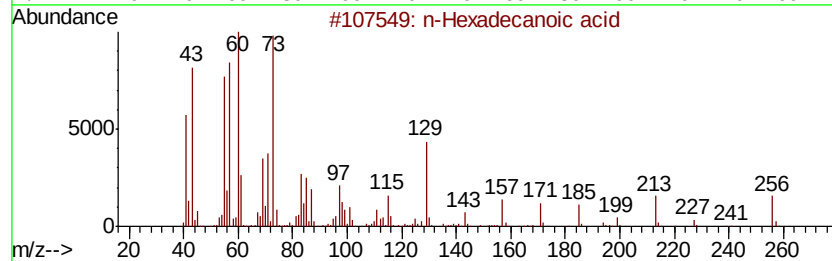
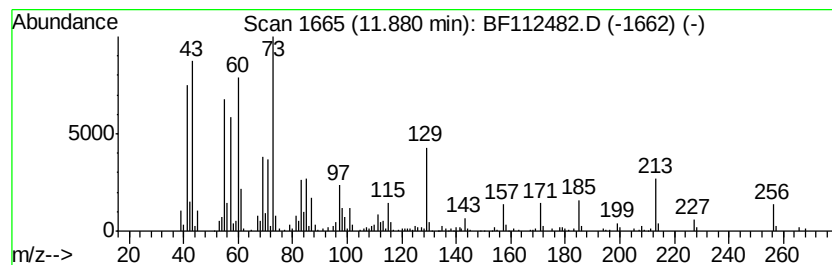
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.49 ng	421637	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Dodecanoic acid	200	C12H24O2	000143-07-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

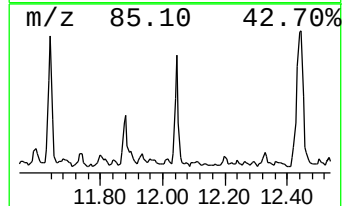
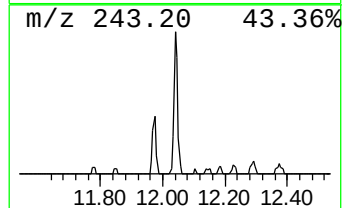
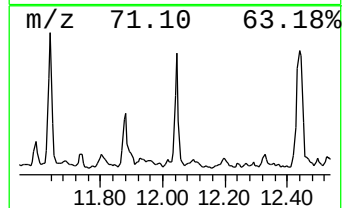
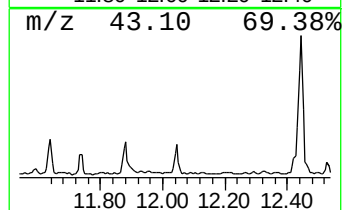
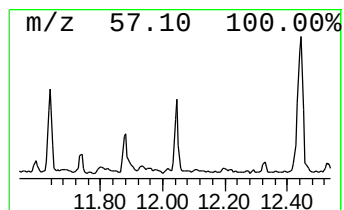
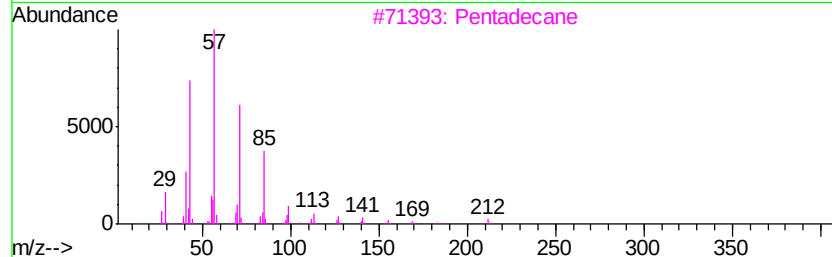
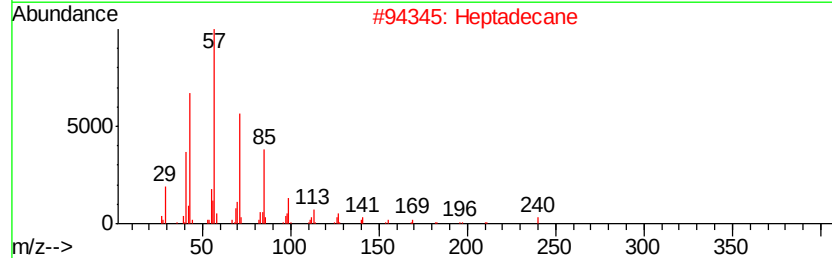
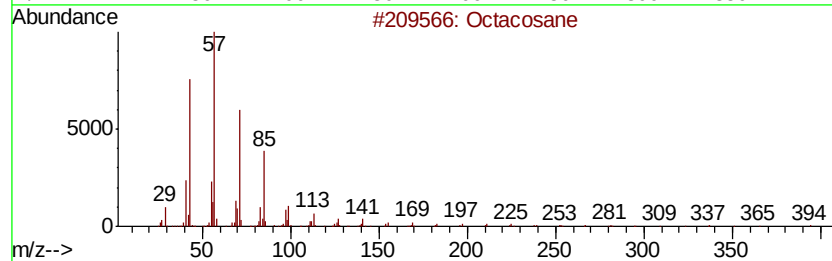
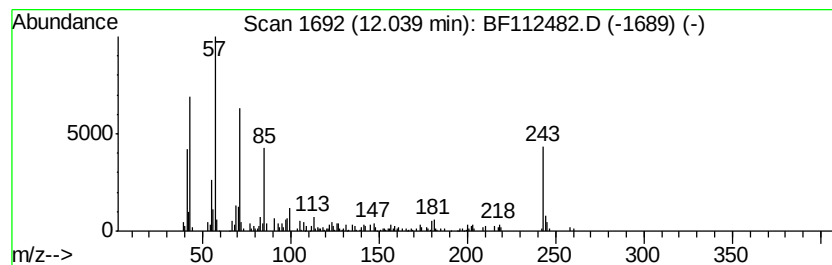
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.42 ng	192278	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Heptadecane	240	C17H36	000629-78-7	68
3		Pentadecane	212	C15H32	000629-62-9	68
4		Octadecane	254	C18H38	000593-45-3	68
5		Heneicosane	296	C21H44	000629-94-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

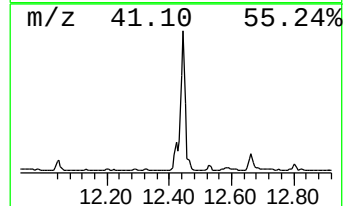
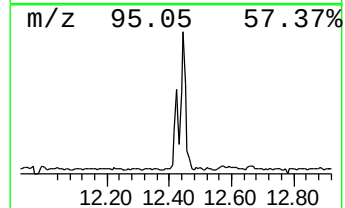
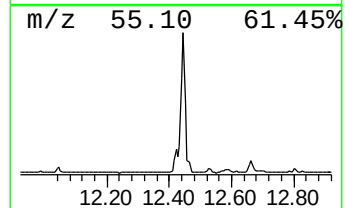
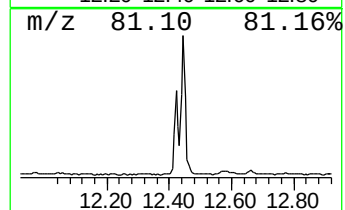
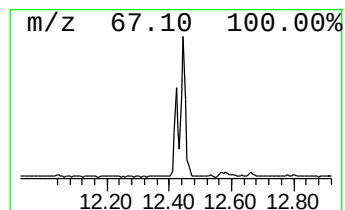
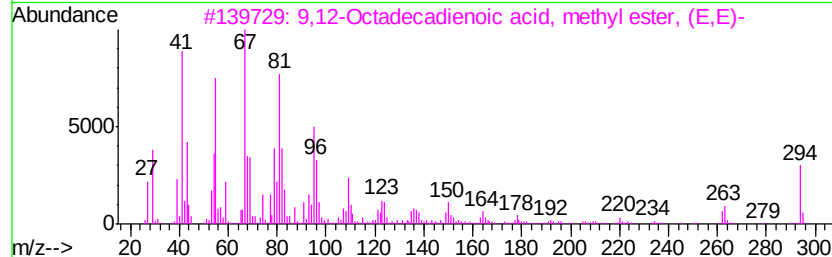
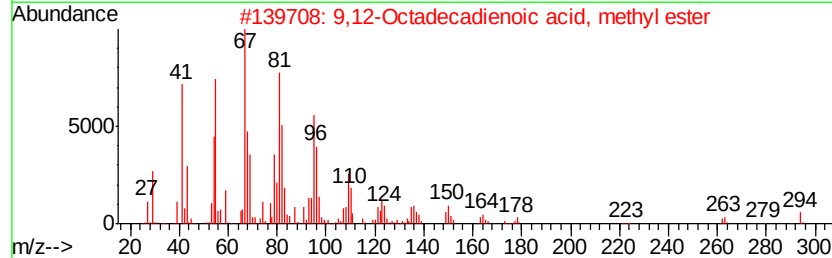
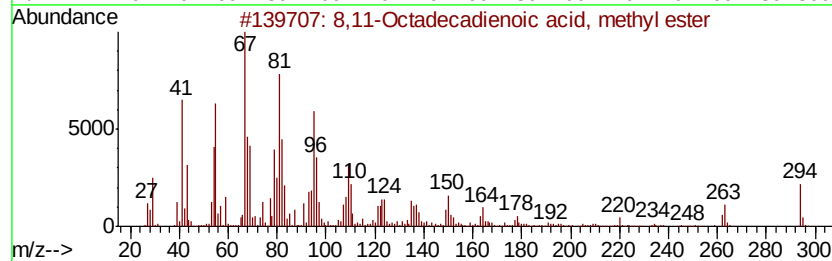
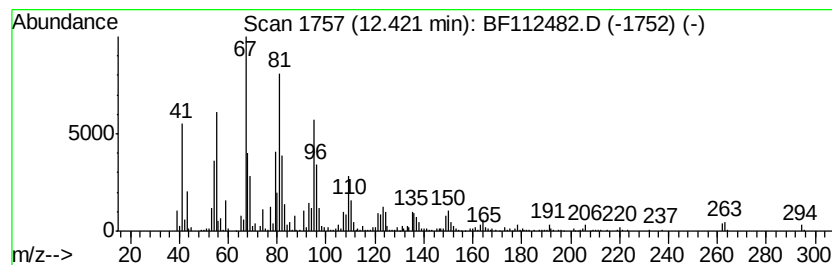
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 8,11-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	9.87 ng	555335	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

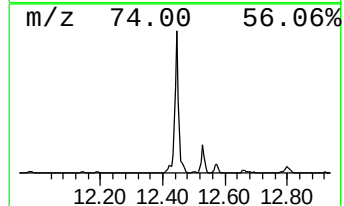
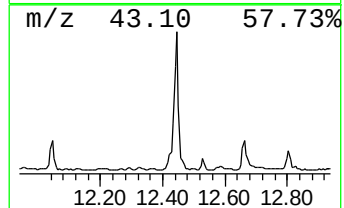
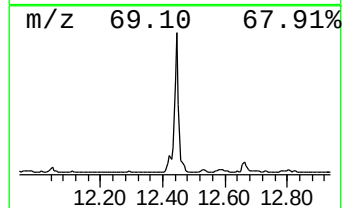
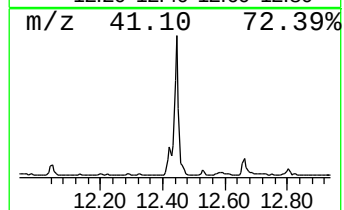
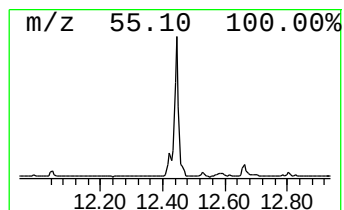
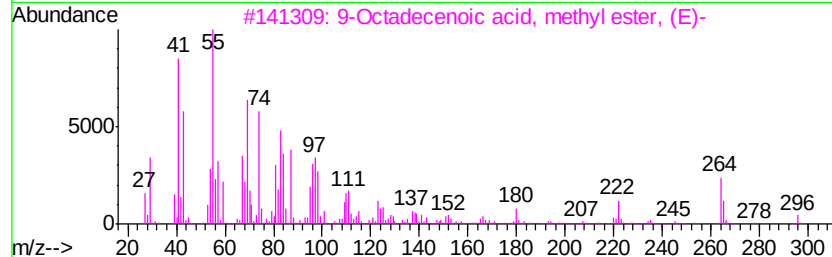
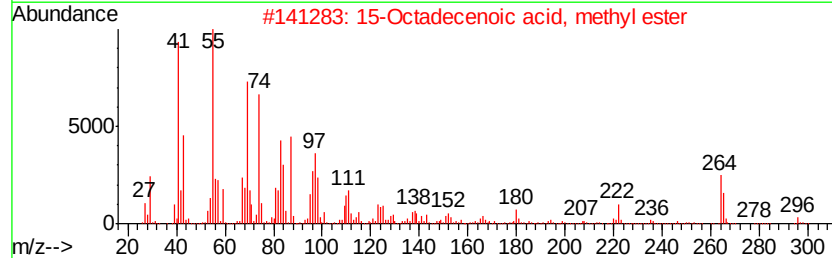
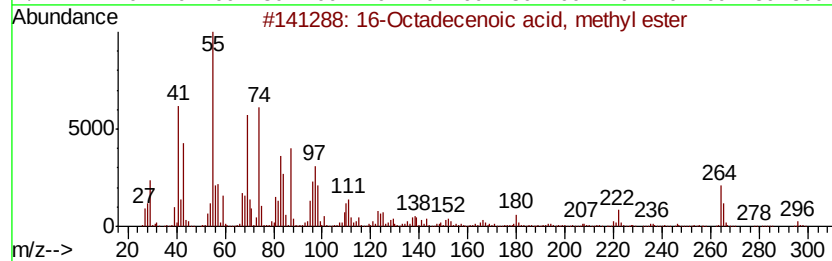
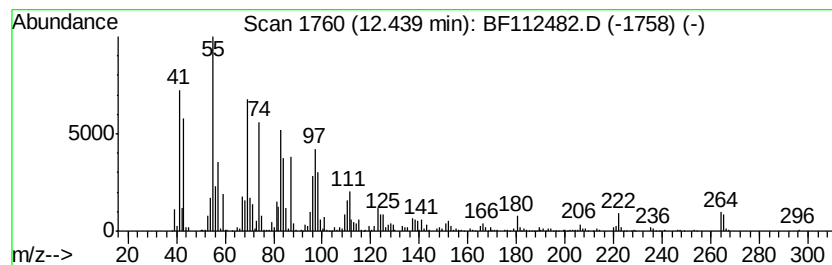
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 16-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	46.28 ng	2604580	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3			9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	99
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

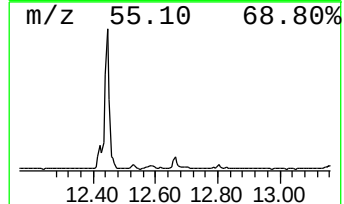
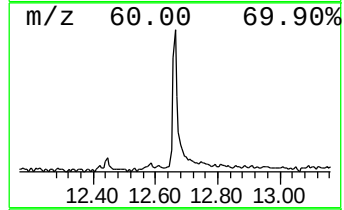
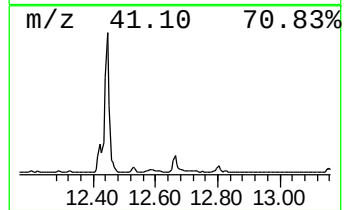
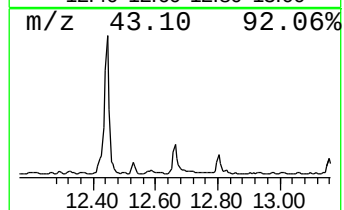
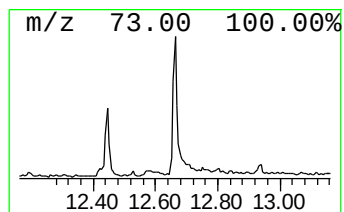
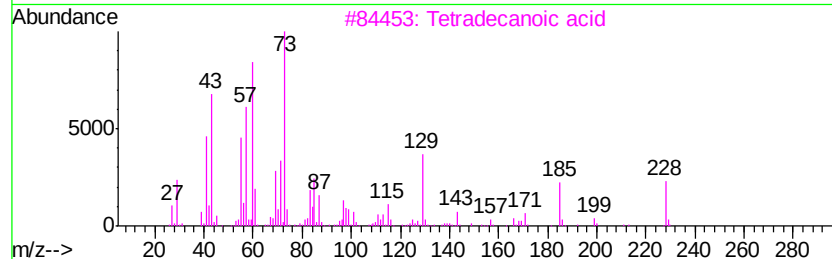
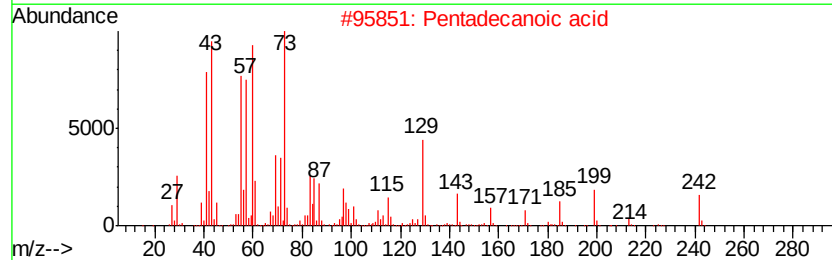
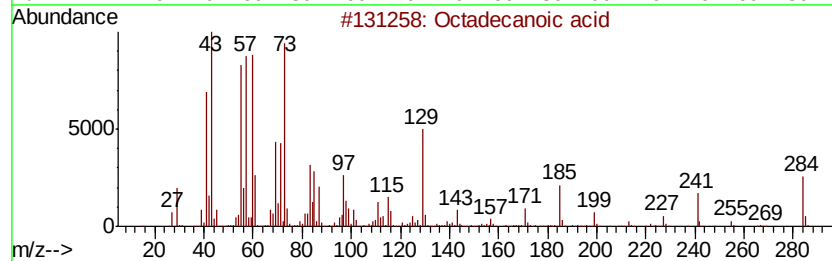
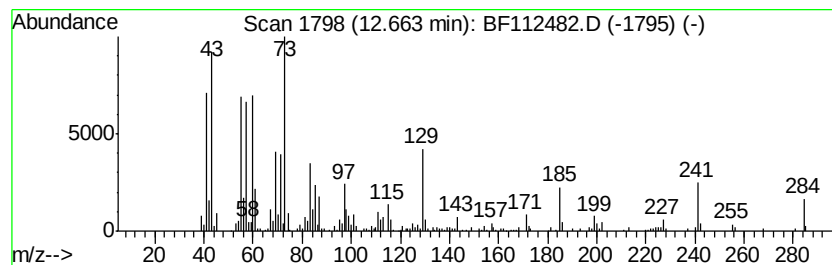
Instrument :
BNA_F
ClientSampleId :
HB-VJ210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.66	5.37 ng	302108	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

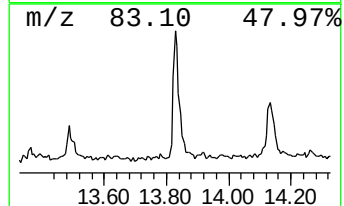
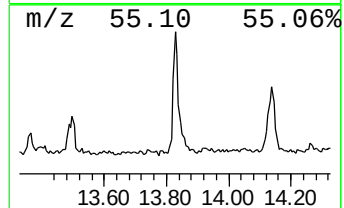
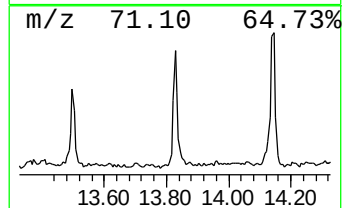
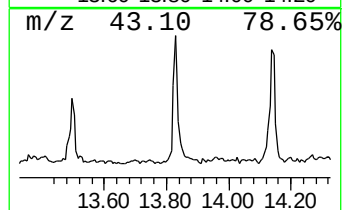
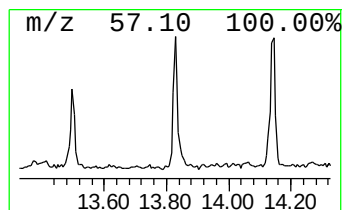
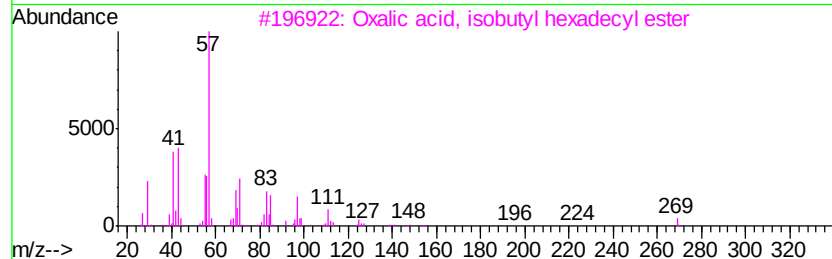
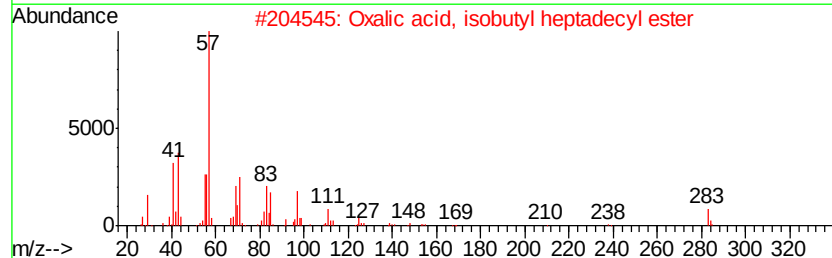
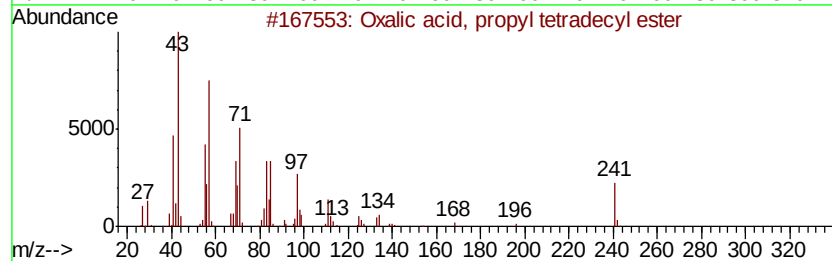
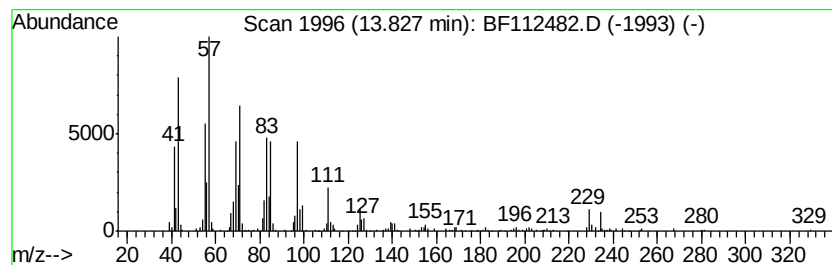
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxalic acid, propyl tetradecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.21 ng	249428	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	90
2			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
5			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

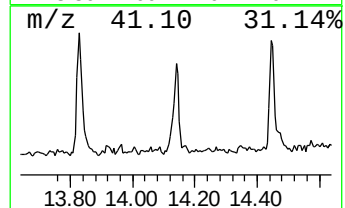
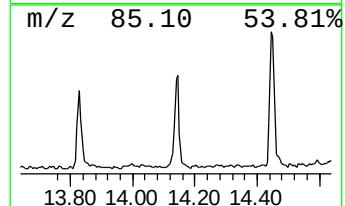
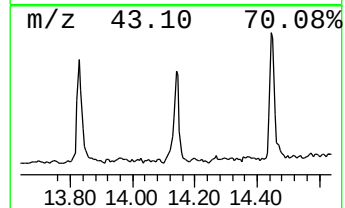
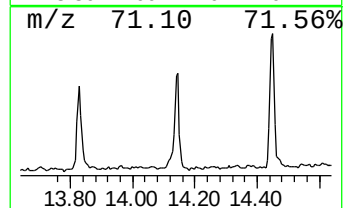
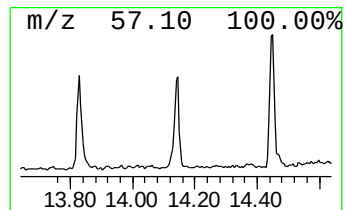
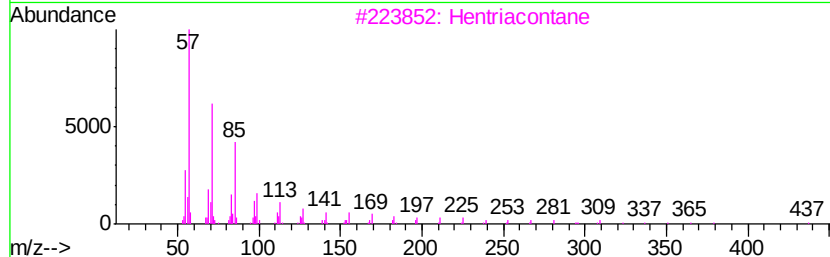
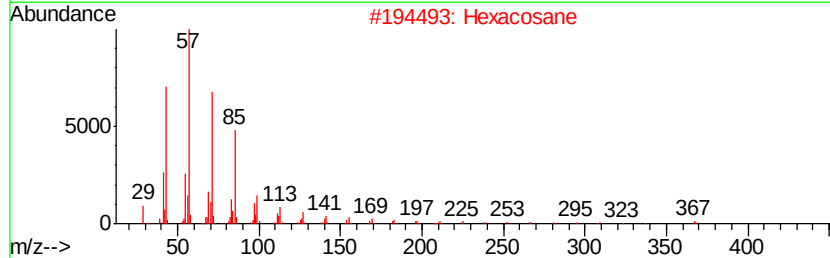
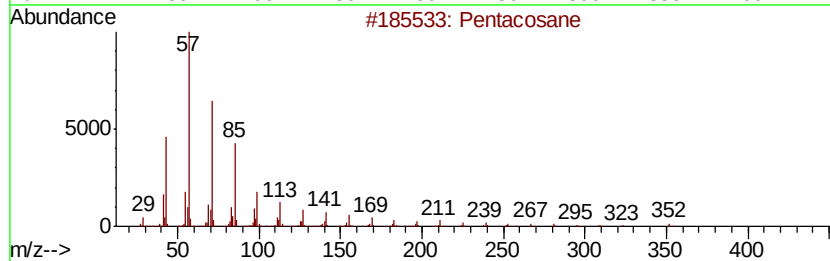
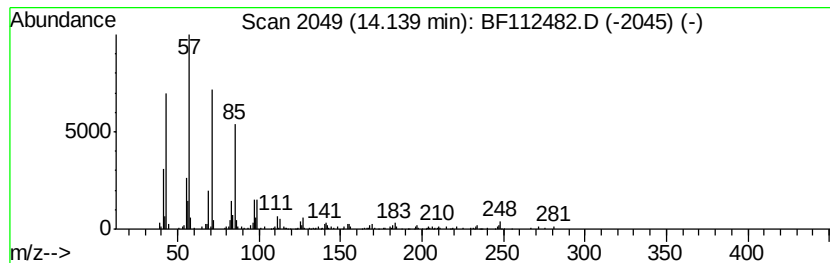
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.73 ng	280332	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	86
2	Hexacosane		366	C26H54	000630-01-3	83
3	Hentriacontane		437	C31H64	000630-04-6	80
4	5,5,7,7-Tetraethylundecane		268	C19H40	1000360-42-0	80
5	Heptadecane		240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

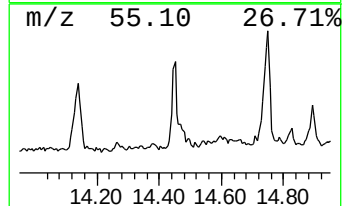
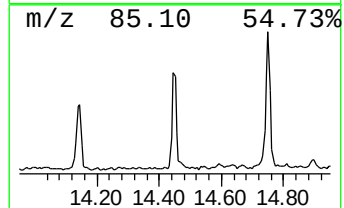
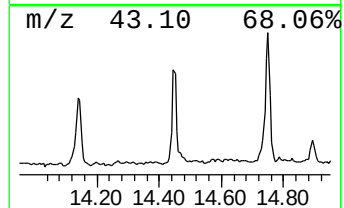
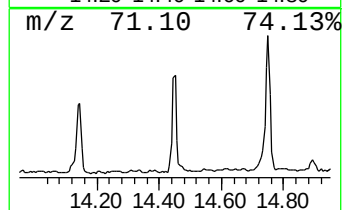
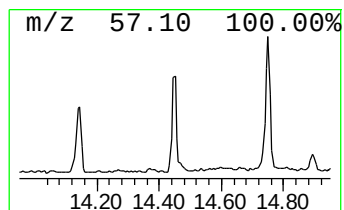
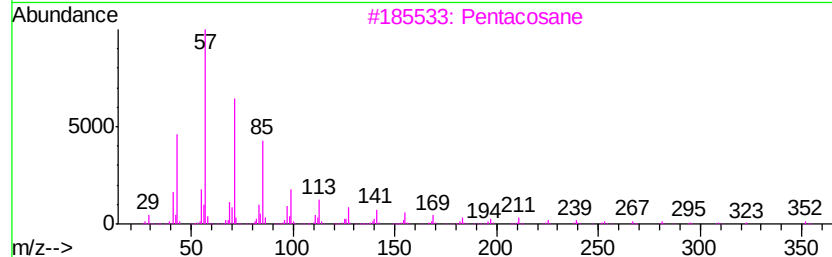
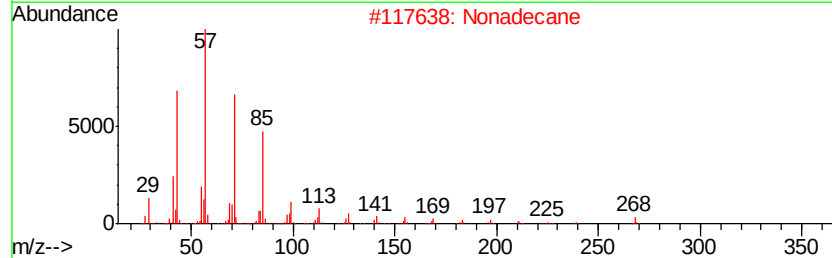
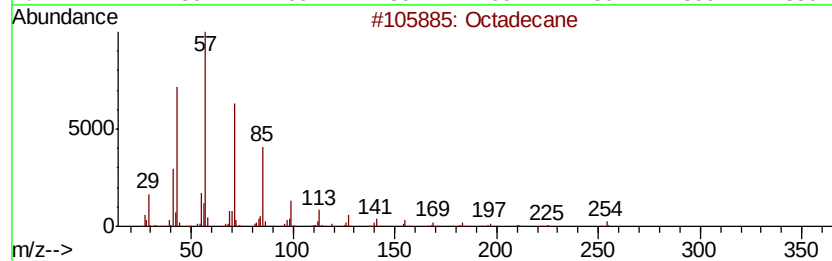
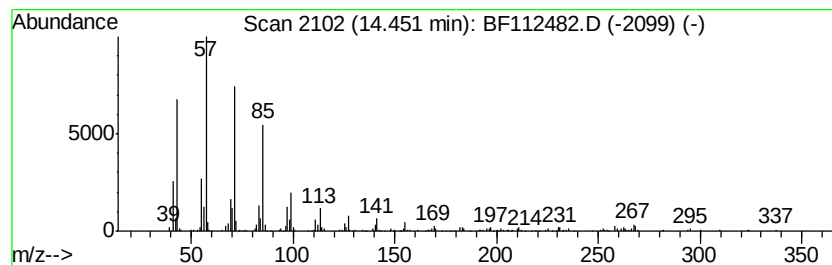
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	5.75 ng	340295	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Nonadecane	268	C19H40	000629-92-5	94
3			Pentacosane	352	C25H52	000629-99-2	91
4			Docosane	310	C22H46	000629-97-0	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

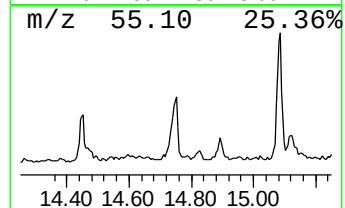
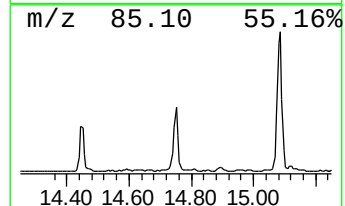
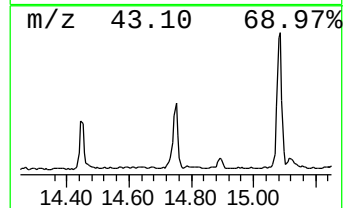
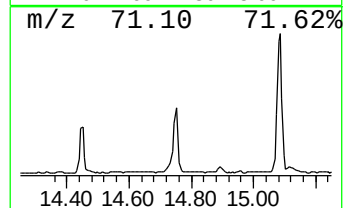
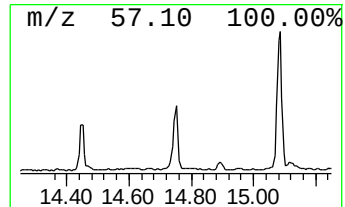
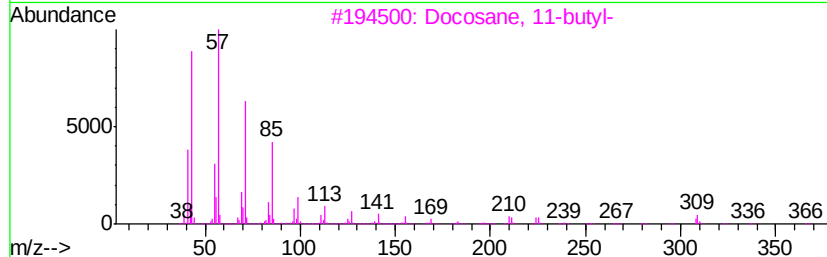
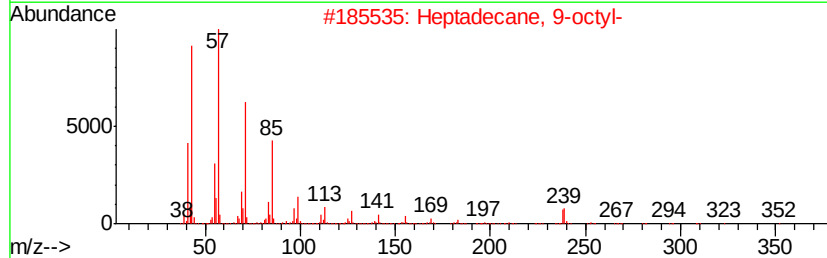
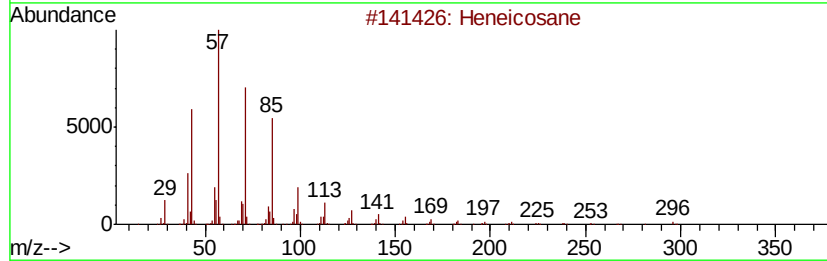
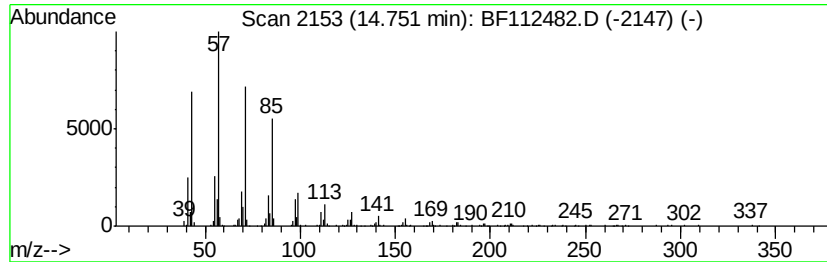
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	8.19 ng	468834	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

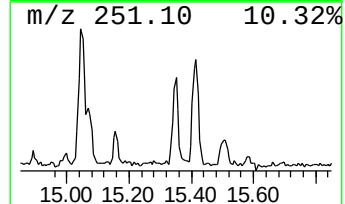
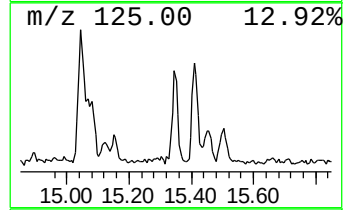
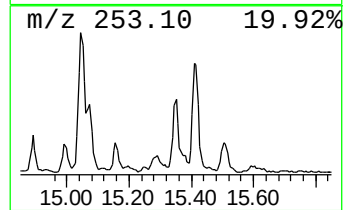
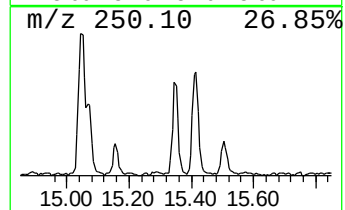
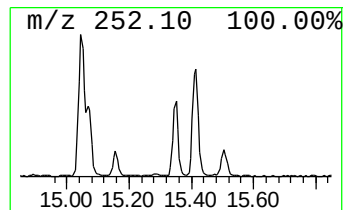
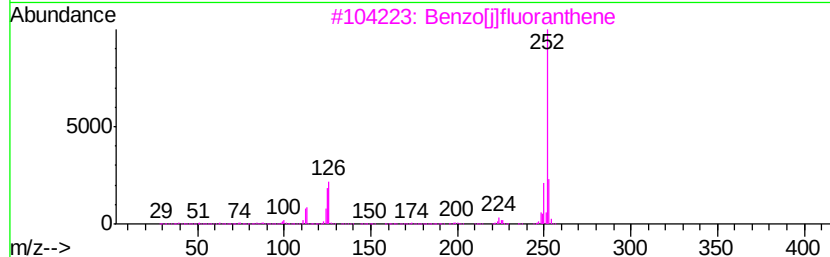
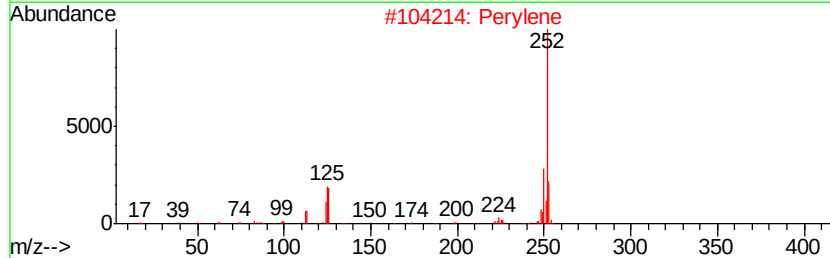
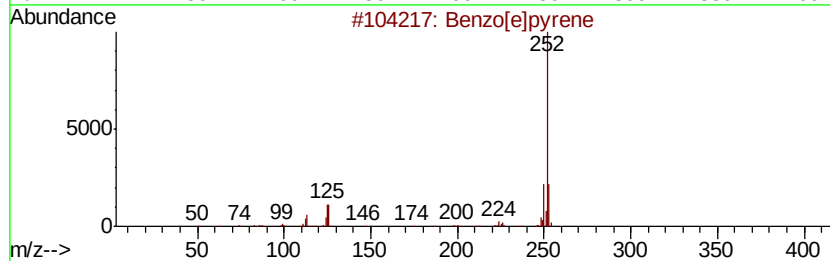
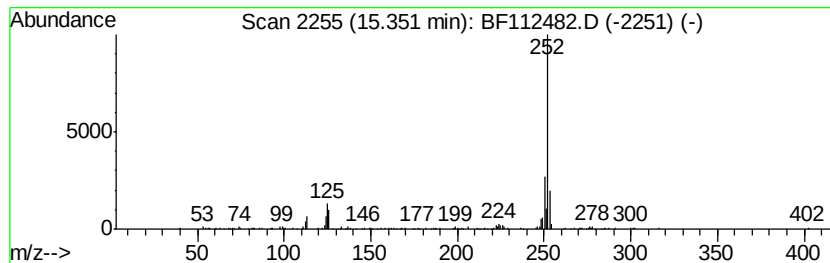
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	4.16 ng	238120	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[il]fluoranthene	252	C20H12	000205-82-3	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

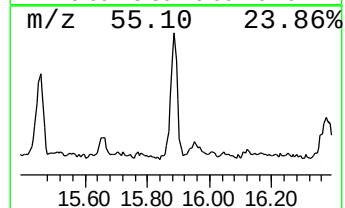
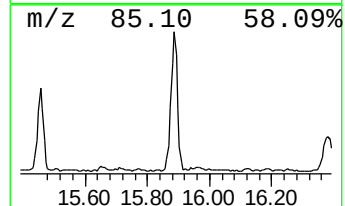
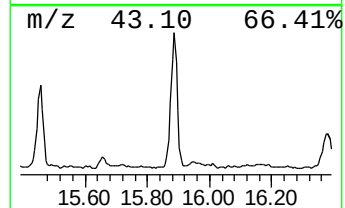
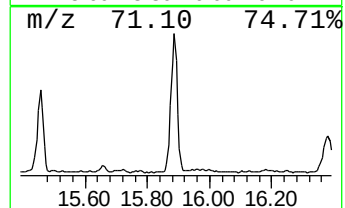
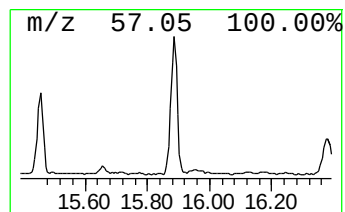
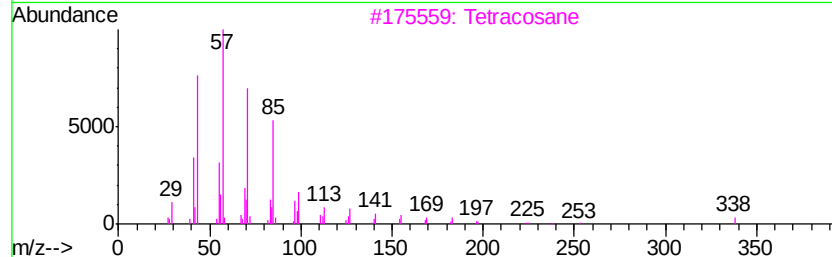
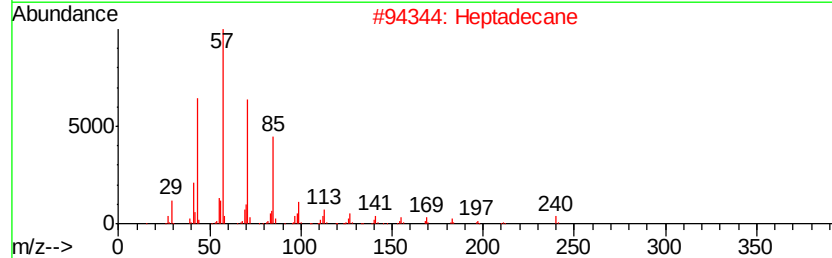
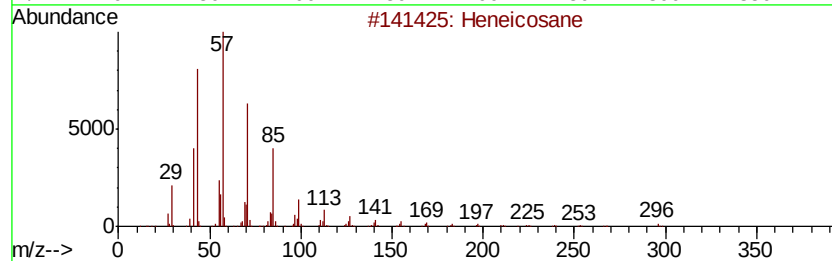
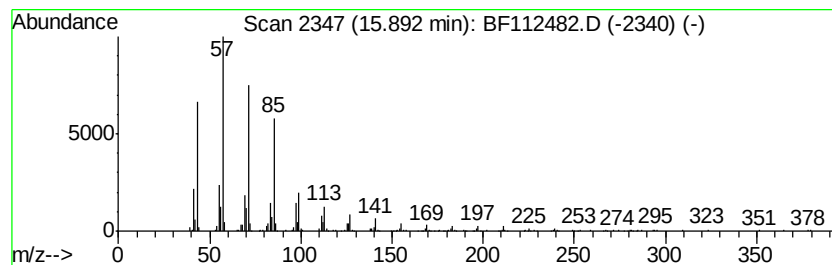
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	16.05 ng	918782	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane	240	C17H36	000629-78-7	95
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112482.D
Acq On : 11 Feb 2019 15:55
Operator : JU/SJ
Sample : K1423-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HB-VJ210

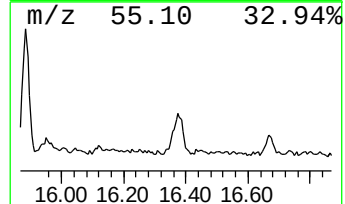
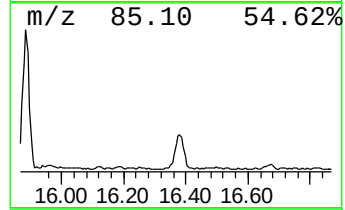
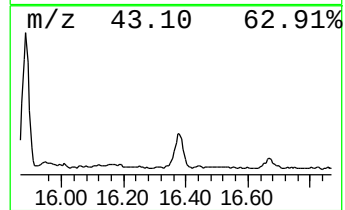
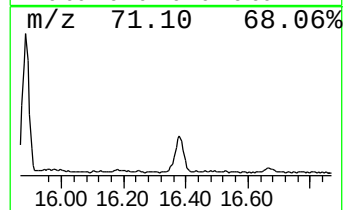
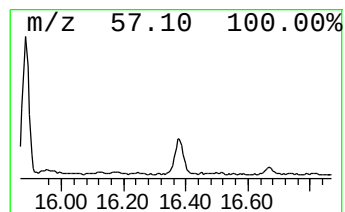
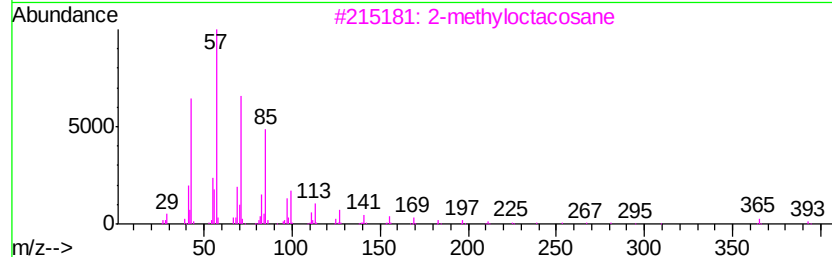
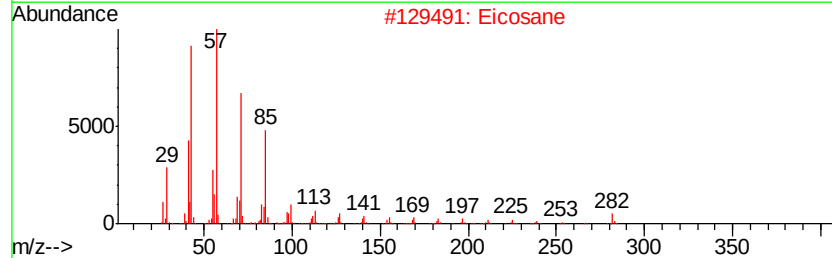
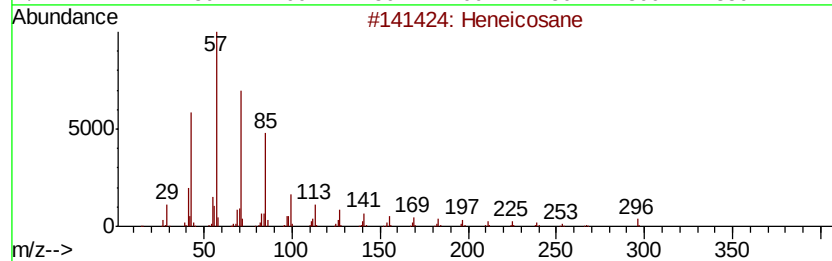
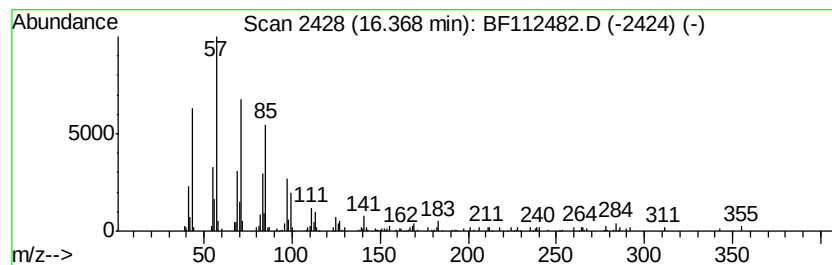
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	6.26 ng	358569	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane	282	C20H42	000112-95-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	83
5		Octacosane	394	C28H58	000630-02-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112482.D
 Acq On : 11 Feb 2019 15:55
 Operator : JU/SJ
 Sample : K1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-VJ210

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Butane, 2-methoxy...	2.13	3.2	ng	136037	1	6.83	842230	20.0
unknown6.61	6.61	70.6	ng	2974450	1	6.83	842230	20.0
Hexadecane	10.29	4.0	ng	248559	3	9.87	1251000	20.0
Heneicosane	10.76	7.0	ng	396292	4	11.36	1125550	20.0
Tetradecane	11.25	3.1	ng	173126	4	11.36	1125550	20.0
Nonadecane	11.64	3.0	ng	171841	4	11.36	1125550	20.0
Hexadecanoic acid...	11.74	3.9	ng	221112	4	11.36	1125550	20.0
n-Hexadecanoic acid	11.88	7.5	ng	421637	4	11.36	1125550	20.0
Octacosane	12.04	3.4	ng	192278	4	11.36	1125550	20.0
8,11-Octadecadien...	12.42	9.9	ng	555335	4	11.36	1125550	20.0
16-Octadecenoic a...	12.44	46.3	ng	2604580	4	11.36	1125550	20.0
Octadecanoic acid	12.66	5.4	ng	302108	4	11.36	1125550	20.0
Oxalic acid, prop...	13.83	4.2	ng	249428	5	14.00	1184650	20.0
Pentacosane	14.14	4.7	ng	280332	5	14.00	1184650	20.0
Octadecane	14.45	5.8	ng	340295	5	14.00	1184650	20.0
Docosane, 11-butyl-	14.75	8.2	ng	468834	6	15.47	1145040	20.0
Benzo[e]pyrene	15.35	4.2	ng	238120	6	15.47	1145040	20.0
Tetradecane, 2,6,...	15.89	16.1	ng	918782	6	15.47	1145040	20.0
2-methyloctacosane	16.37	6.3	ng	358569	6	15.47	1145040	20.0