

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
 Data File : BF110419.D
 Acq On : 2 Nov 2018 18:38
 Operator : JU/SJ
 Sample : J5759-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.263	26	30	35	rVB	44664	55795	6.86%	0.550%
2	4.575	419	423	436	rBV	274428	316115	38.88%	3.118%
3	5.169	521	524	535	rBV	111618	128311	15.78%	1.266%
4	5.581	588	594	601	rBV3	8518	15069	1.85%	0.149%
5	6.575	760	763	773	rBV	76467	110585	13.60%	1.091%
6	6.722	785	788	797	rVB	50186	44143	5.43%	0.435%
7	6.951	823	827	842	rVB	587729	554909	68.25%	5.474%
8	7.110	850	854	867	rVB	160896	162300	19.96%	1.601%
9	7.516	919	923	934	rBV	99766	121197	14.91%	1.196%
10	8.239	1040	1046	1067	rBV	704517	794001	97.66%	7.832%
11	9.310	1223	1228	1237	rBV	234176	245422	30.18%	2.421%
12	9.704	1289	1295	1301	rVB2	17093	23978	2.95%	0.237%
13	9.916	1326	1331	1335	rVB4	4345	8689	1.07%	0.086%
14	9.998	1335	1345	1348	rBV	845291	813061	100.00%	8.020%
15	10.027	1348	1350	1356	rVB	81170	73087	8.99%	0.721%
16	10.204	1376	1380	1389	rVB	30422	40069	4.93%	0.395%
17	10.404	1408	1414	1419	rBV	19386	18660	2.30%	0.184%
18	10.551	1435	1439	1445	rVB	28377	30486	3.75%	0.301%
19	10.616	1445	1450	1451	rBV	7130	10693	1.32%	0.105%
20	10.704	1463	1465	1471	rVB	13330	11942	1.47%	0.118%
21	10.792	1474	1480	1485	rBV	12588	20480	2.52%	0.202%
22	10.880	1492	1495	1502	rBV3	7996	13096	1.61%	0.129%
23	11.292	1562	1565	1569	rBV	45067	42011	5.17%	0.414%
24	11.327	1569	1571	1575	rVV2	11999	15366	1.89%	0.152%
25	11.386	1578	1581	1586	rVB	29401	25373	3.12%	0.250%
26	11.486	1594	1598	1600	rBV	810940	700997	86.22%	6.915%
27	11.510	1600	1602	1607	rVV	715421	606633	74.61%	5.984%
28	11.563	1608	1611	1616	rVB	124655	126133	15.51%	1.244%
29	11.721	1633	1638	1642	rBV2	35212	42980	5.29%	0.424%
30	11.992	1679	1684	1686	rBV	37439	37113	4.56%	0.366%
31	12.021	1686	1689	1694	rVV	53139	53091	6.53%	0.524%
32	12.069	1694	1697	1700	rVV	17736	17231	2.12%	0.170%
33	12.104	1700	1703	1705	rVV	60431	62091	7.64%	0.612%
34	12.127	1705	1707	1711	rVB	25367	22705	2.79%	0.224%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
 Data File : BF110419.D
 Acq On : 2 Nov 2018 18:38
 Operator : JU/SJ
 Sample : J5759-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.280	1730	1733	1736	rBV	27525	25492	3.14%	0.251%
36	12.316	1736	1739	1744	rVB	30480	27771	3.42%	0.274%
37	12.539	1774	1777	1781	rBV2	13628	17581	2.16%	0.173%
38	12.627	1789	1792	1797	rBV2	22842	25994	3.20%	0.256%
39	12.704	1801	1805	1810	rBV	634333	556828	68.49%	5.493%
40	12.857	1828	1831	1834	rBV2	12673	11976	1.47%	0.118%
41	12.933	1837	1844	1850	rBV	502720	542011	66.66%	5.347%
42	12.980	1850	1852	1856	rVB2	19005	16836	2.07%	0.166%
43	13.063	1858	1866	1870	rBV2	184813	196542	24.17%	1.939%
44	13.098	1870	1872	1875	rVB	16005	13798	1.70%	0.136%
45	13.151	1876	1881	1885	rVB2	22110	33344	4.10%	0.329%
46	13.186	1885	1887	1892	rVB	11161	12007	1.48%	0.118%
47	13.233	1892	1895	1897	rBV3	16596	21433	2.64%	0.211%
48	13.263	1897	1900	1905	rVB	43914	52789	6.49%	0.521%
49	13.327	1905	1911	1914	rBV	37278	36821	4.53%	0.363%
50	13.368	1914	1918	1920	rVV2	26595	36034	4.43%	0.355%
51	13.386	1920	1921	1925	rVV2	18543	15476	1.90%	0.153%
52	13.463	1929	1934	1936	rBV	11884	14309	1.76%	0.141%
53	13.492	1936	1939	1944	rVB3	16639	17379	2.14%	0.171%
54	13.686	1969	1972	1974	rVB4	11565	9350	1.15%	0.092%
55	13.739	1978	1981	1984	rVV4	9147	11656	1.43%	0.115%
56	13.774	1984	1987	1991	rVB	29226	29981	3.69%	0.296%
57	13.880	2000	2005	2007	rBV2	36039	38441	4.73%	0.379%
58	13.910	2007	2010	2012	rVV	31072	31117	3.83%	0.307%
59	13.945	2012	2016	2020	rVV3	37943	61601	7.58%	0.608%
60	13.980	2020	2022	2029	rVB	31330	30683	3.77%	0.303%
61	14.051	2029	2034	2037	rBV2	11474	16413	2.02%	0.162%
62	14.133	2037	2048	2050	rBV2	661941	800959	98.51%	7.901%
63	14.157	2050	2052	2060	rVV	200331	211972	26.07%	2.091%
64	14.239	2063	2066	2068	rBV	39522	29306	3.60%	0.289%
65	14.327	2079	2081	2083	rBV	11244	9181	1.13%	0.091%
66	14.362	2083	2087	2090	rVV2	19328	25391	3.12%	0.250%
67	14.480	2105	2107	2109	rBV3	9726	9519	1.17%	0.094%
68	14.521	2110	2114	2117	rVV	30841	39682	4.88%	0.391%
69	14.568	2120	2122	2124	rVB	22506	18319	2.25%	0.181%
70	14.645	2133	2135	2137	rBV2	16085	14876	1.83%	0.147%
71	14.668	2137	2139	2142	rVB3	27620	25789	3.17%	0.254%

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110419.D
 Acq On : 2 Nov 2018 18:38
 Operator : JU/SJ
 Sample : J5759-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF102318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.710	2142	2146	2147	rBV4	11880	16304	2.01%	0.161%
73	14.845	2166	2169	2171	rBV3	18474	17275	2.12%	0.170%
74	14.886	2173	2176	2180	rVB	33963	37831	4.65%	0.373%
75	15.033	2198	2201	2207	rVB7	13684	20365	2.50%	0.201%
76	15.204	2225	2230	2233	rBV	157883	268544	33.03%	2.649%
77	15.233	2233	2235	2240	rVB2	123271	123825	15.23%	1.221%
78	15.315	2246	2249	2253	rVB	27532	33496	4.12%	0.330%
79	15.521	2280	2284	2291	rVB	89360	120333	14.80%	1.187%
80	15.586	2291	2295	2299	rBV	135943	195130	24.00%	1.925%
81	15.657	2299	2307	2311	rBV	334032	478316	58.83%	4.718%
82	16.086	2376	2380	2385	rVB2	57808	81955	10.08%	0.808%
83	16.615	2466	2470	2481	rVB	42794	81257	9.99%	0.802%
84	17.221	2566	2573	2583	rVB2	50534	139733	17.19%	1.378%
85	17.686	2649	2652	2662	rVB2	31730	70568	8.68%	0.696%

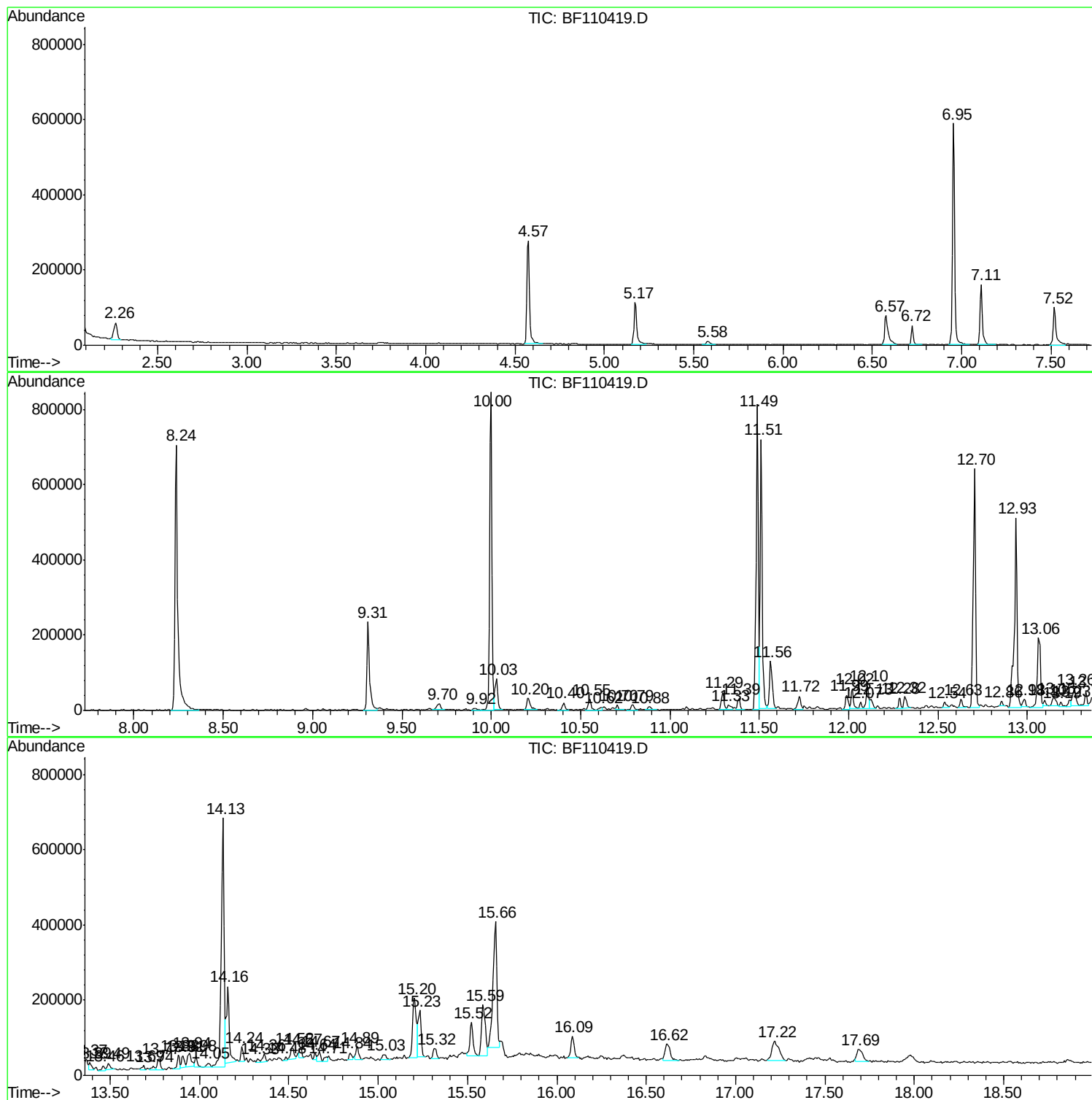
Sum of corrected areas: 10137401

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.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\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

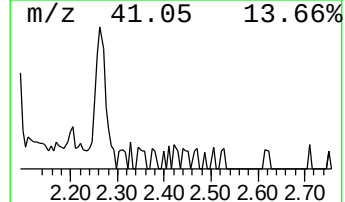
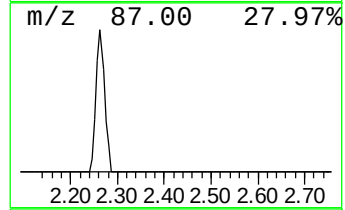
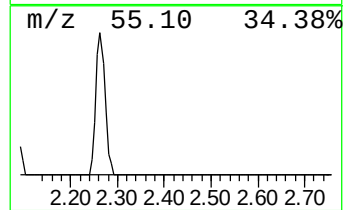
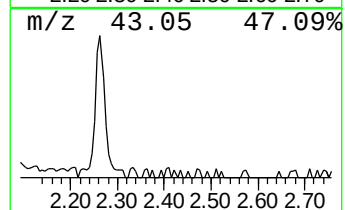
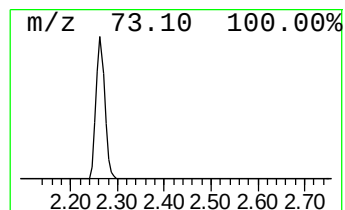
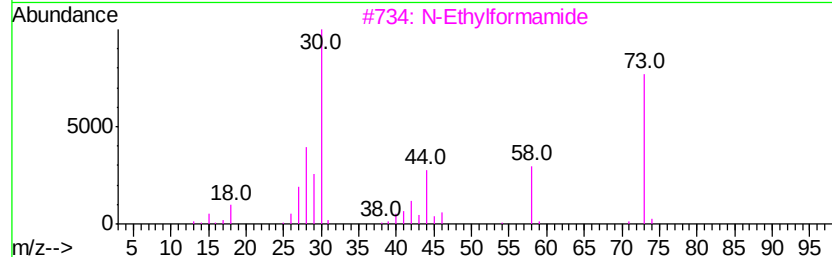
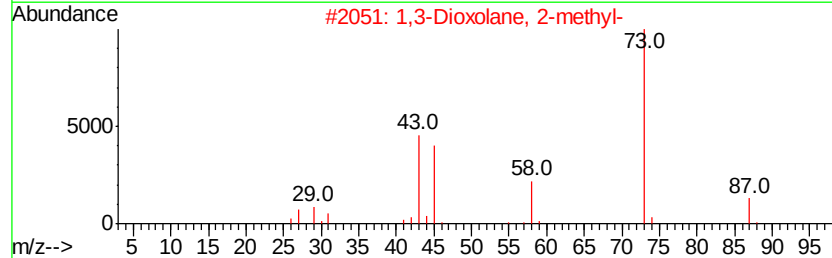
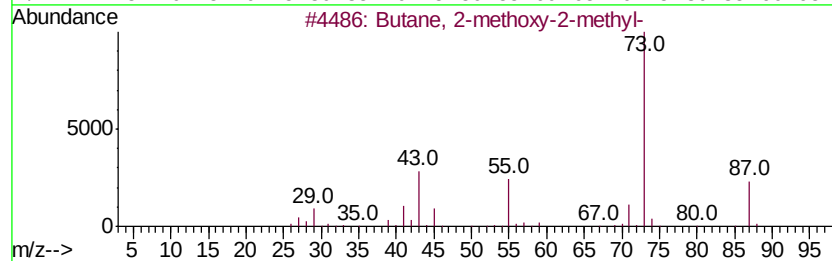
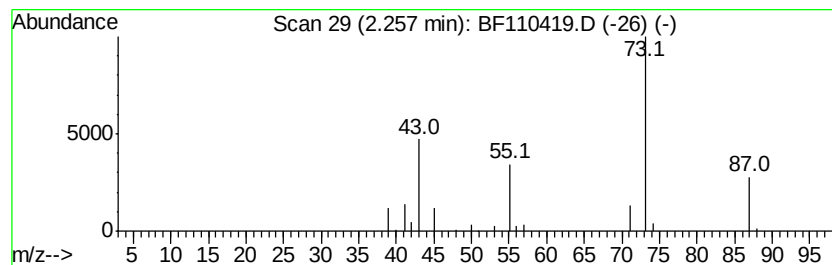
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.26	2.01 ng	55795	1,4-Dichlorobenzene-d4	6.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

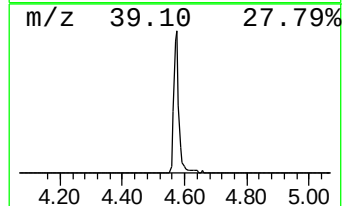
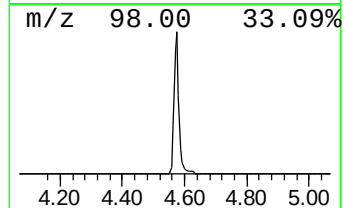
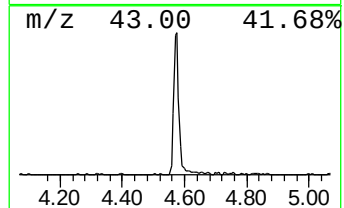
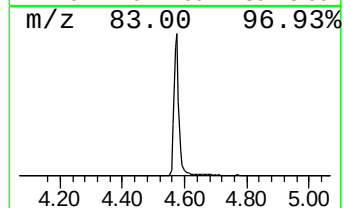
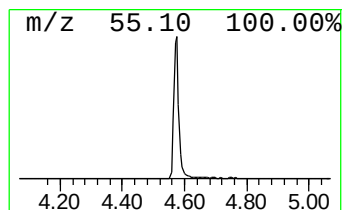
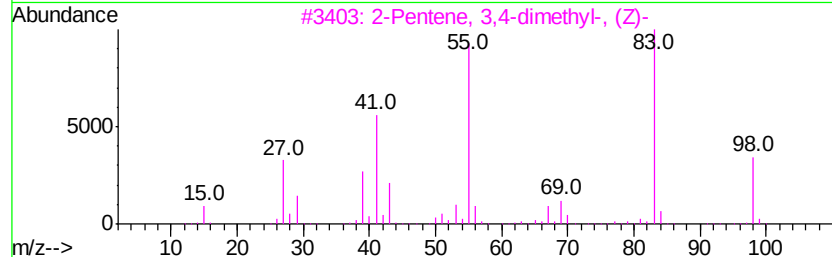
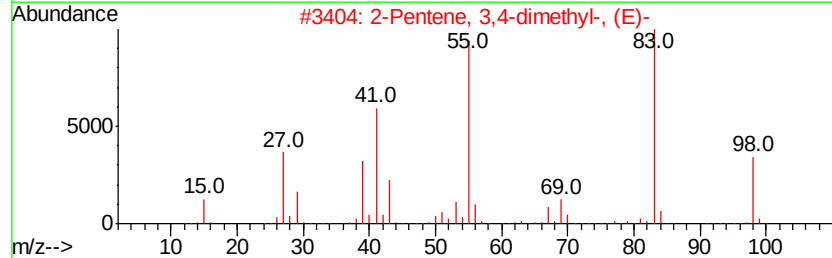
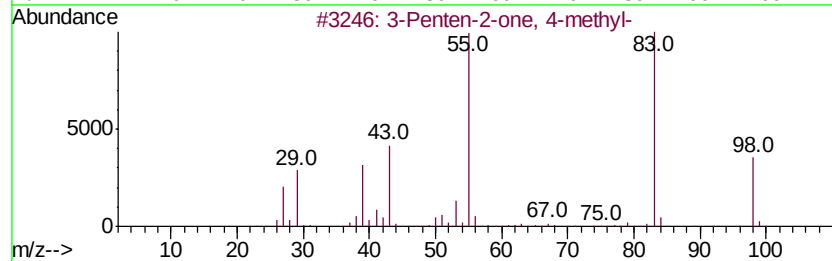
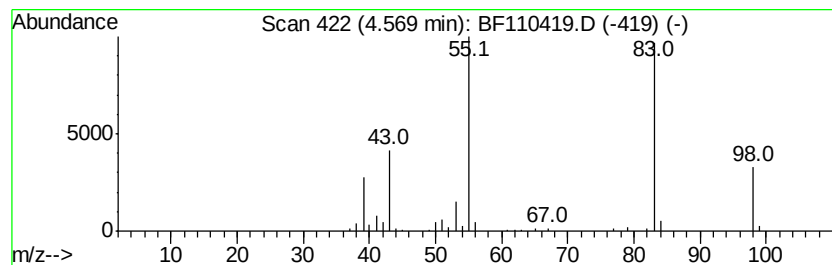
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	11.39 ng	316115	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4		3-Hexen-2-one	98	C6H10O	000763-93-9	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-4

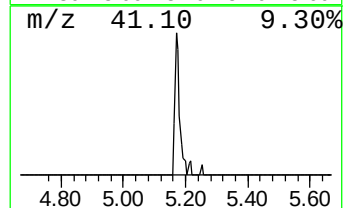
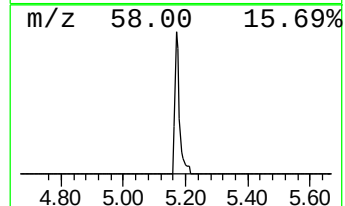
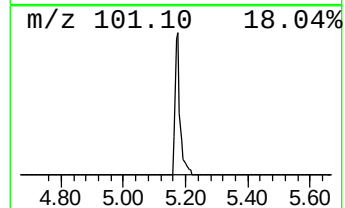
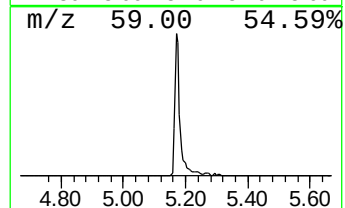
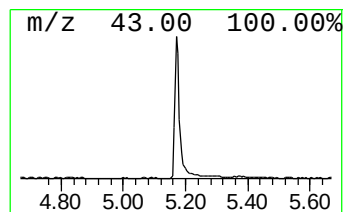
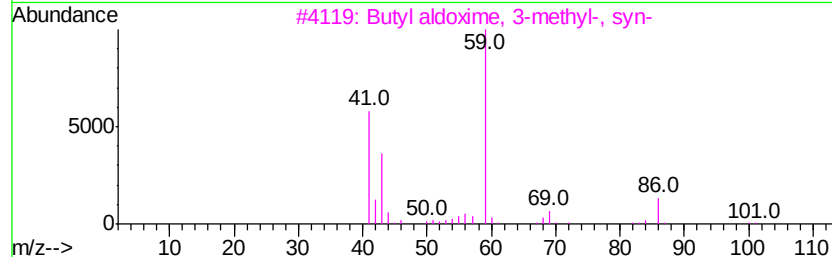
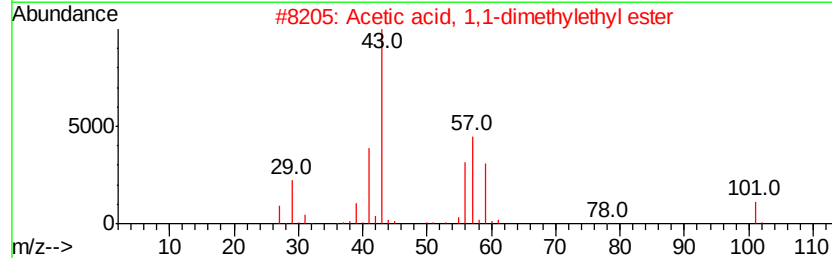
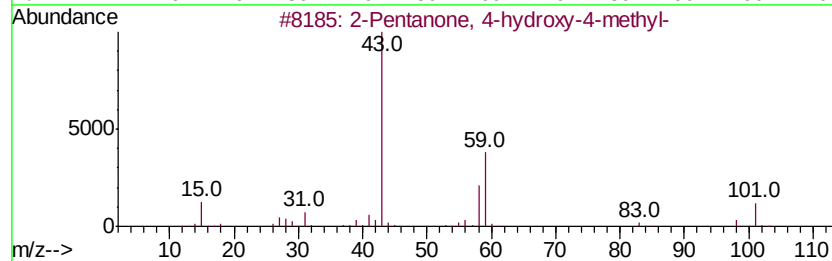
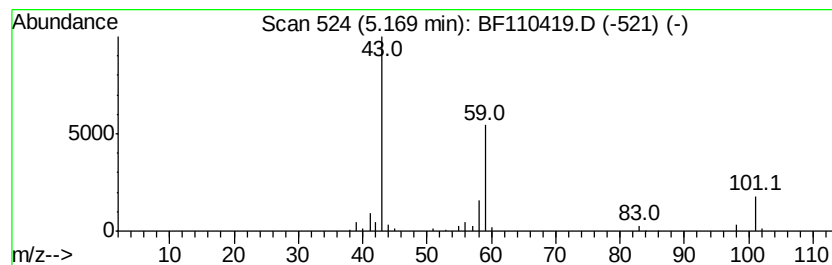
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	4.62 ng	128311	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

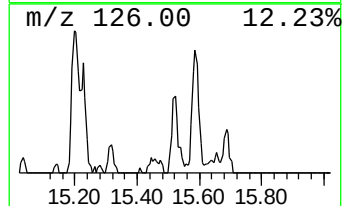
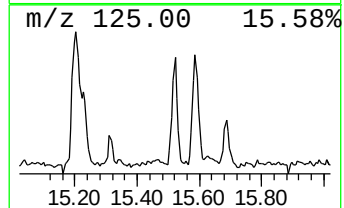
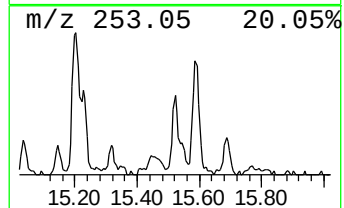
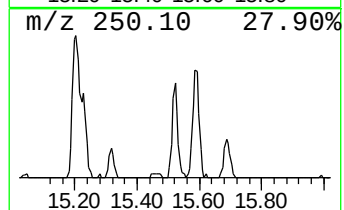
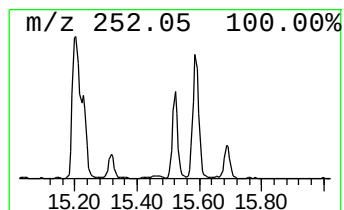
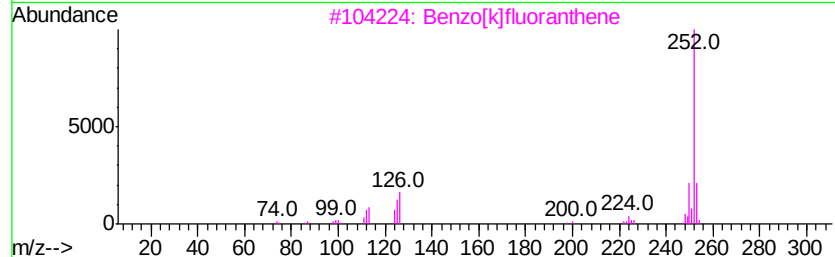
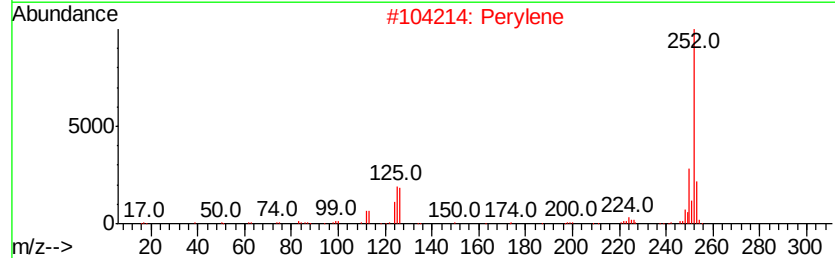
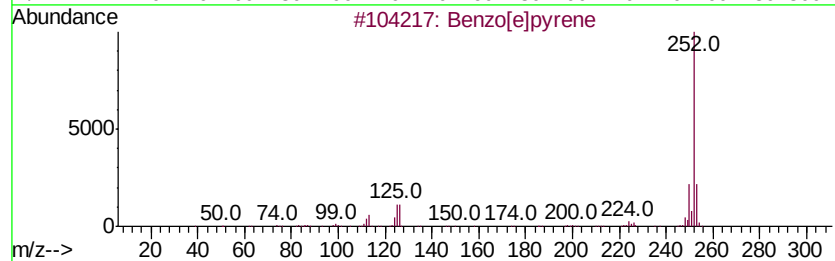
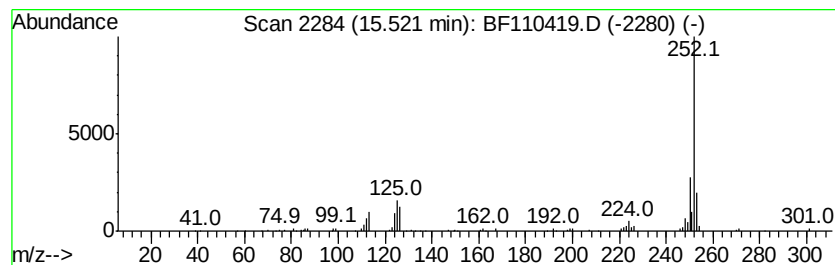
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.03 ng	120333	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

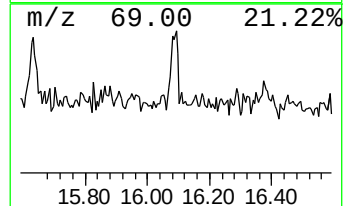
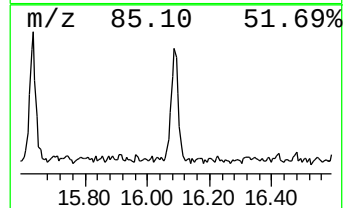
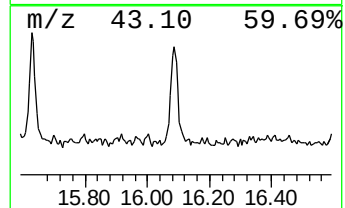
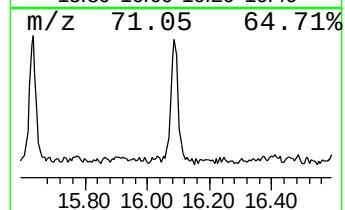
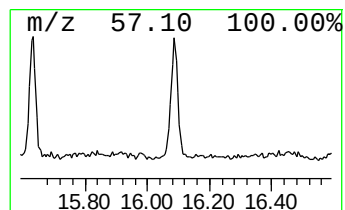
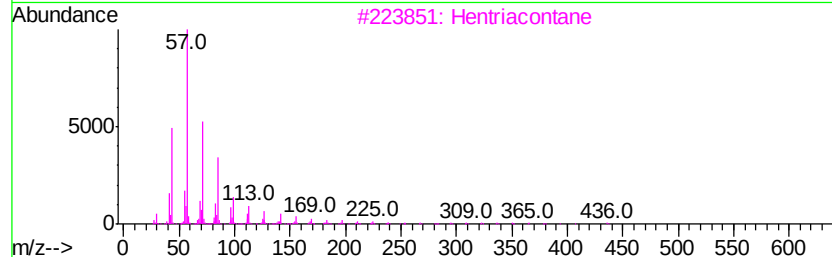
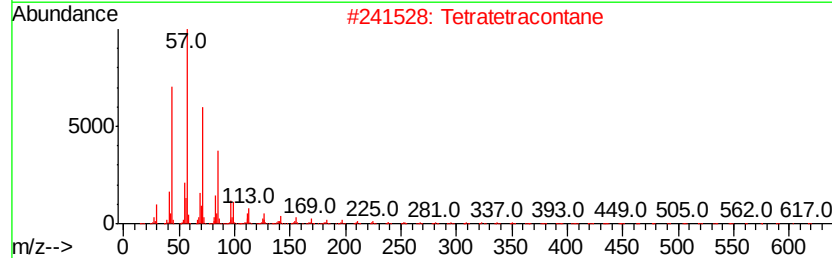
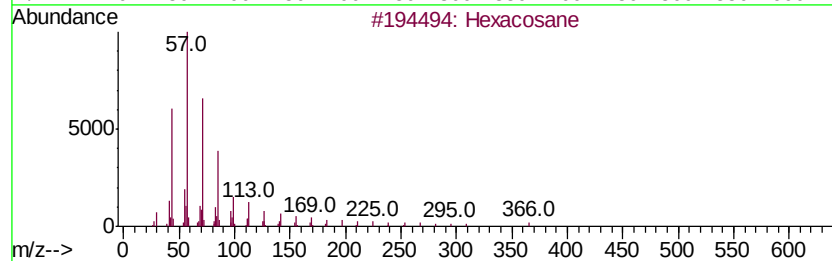
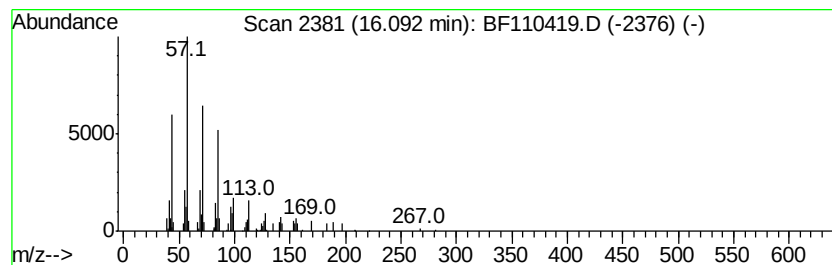
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.43 ng	81955	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Hentriacontane		437	C31H64	000630-04-6	90
4	Triacontane		422	C30H62	000638-68-6	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

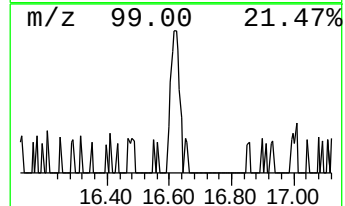
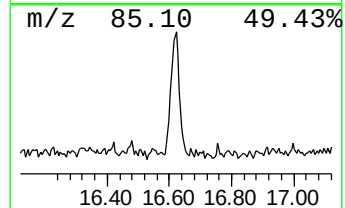
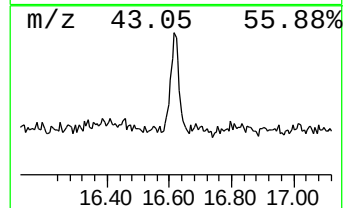
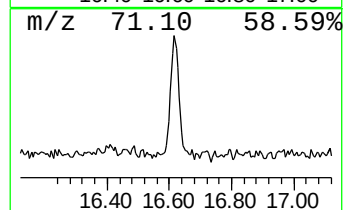
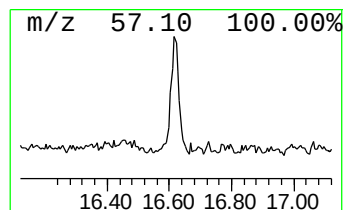
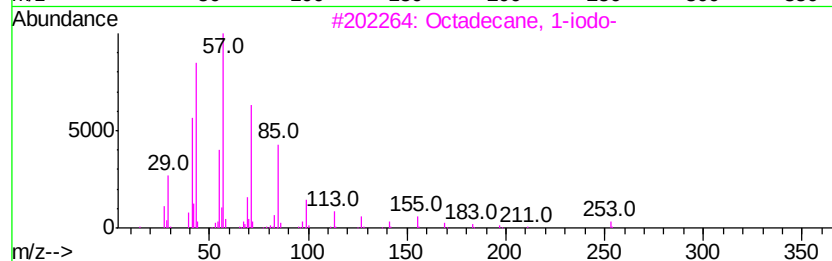
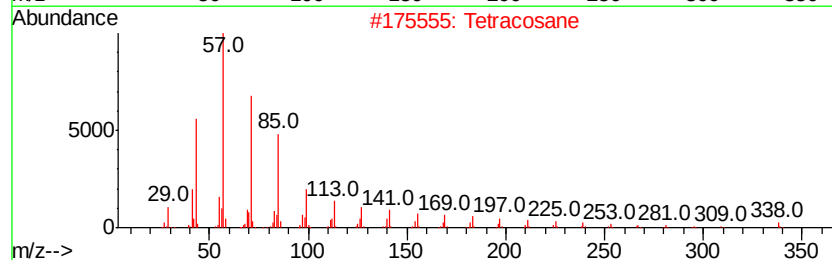
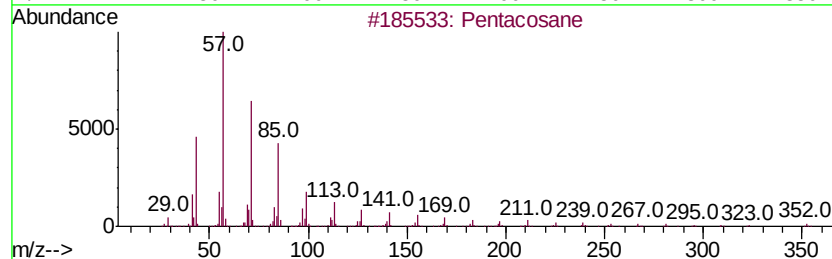
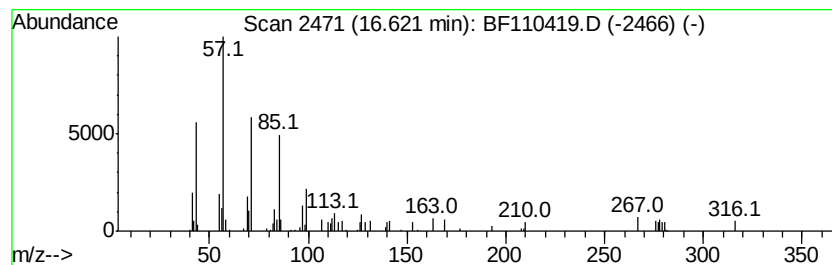
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.40 ng	81257	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Tetracosane	338	C24H50	000646-31-1	80
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
5	Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.26	2.0	ng	55795	1	6.95	554909	20.0
3-Penten-2-one, 4...	4.57	11.4	ng	316115	1	6.95	554909	20.0
2-Pentanone, 4-hy...	5.17	4.6	ng	128311	1	6.95	554909	20.0
Benzo[e]pyrene	15.52	5.0	ng	120333	6	15.66	478316	20.0
Hexacosane	16.09	3.4	ng	81955	6	15.66	478316	20.0
Pentacosane	16.62	3.4	ng	81257	6	15.66	478316	20.0