

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110217\
 Data File : BF100100.D
 Acq On : 2 Nov 2017 22:11
 Operator : SJ/JU
 Sample : I6079-14 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q3-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	488	491	507	rBV	25827	46029	9.23%	0.607%
2	5.398	560	563	588	rBV	158931	317255	63.62%	4.185%
3	6.422	734	737	755	rBV	202350	356140	71.42%	4.698%
4	6.545	755	758	768	rVB	373169	395467	79.30%	5.216%
5	6.769	793	796	806	rBV	358396	338475	67.88%	4.465%
6	6.922	819	822	840	rBV	318265	305906	61.34%	4.035%
7	7.339	891	893	917	rBV	154862	208252	41.76%	2.747%
8	8.051	1011	1014	1032	rBV	529013	496709	99.61%	6.552%
9	8.616	1108	1110	1115	rBV	6555	7012	1.41%	0.092%
10	8.774	1134	1137	1143	rBB	9944	10113	2.03%	0.133%
11	8.869	1150	1153	1159	rBB	8730	8585	1.72%	0.113%
12	9.122	1193	1196	1207	rBV	583288	449578	90.16%	5.930%
13	9.521	1261	1264	1273	rVB	96677	78042	15.65%	1.029%
14	9.804	1308	1312	1316	rBV	607424	498671	100.00%	6.578%
15	9.839	1316	1318	1322	rVB	26979	22890	4.59%	0.302%
16	10.021	1345	1349	1352	rBV	14414	15335	3.08%	0.202%
17	10.357	1402	1406	1413	rBB	31452	31027	6.22%	0.409%
18	10.516	1431	1433	1440	rVB	39590	37547	7.53%	0.495%
19	10.598	1444	1447	1460	rBB2	191382	208175	41.75%	2.746%
20	10.910	1496	1500	1503	rBV	5795	6127	1.23%	0.081%
21	11.121	1533	1536	1538	rBV	7752	7292	1.46%	0.096%
22	11.198	1547	1549	1552	rVB	8920	6559	1.32%	0.087%
23	11.298	1562	1566	1568	rBV	502185	440387	88.31%	5.809%
24	11.321	1568	1570	1575	rVV	253843	211443	42.40%	2.789%
25	11.380	1576	1580	1586	rVB	49408	52197	10.47%	0.689%
26	11.545	1604	1608	1613	rBV2	17521	20873	4.19%	0.275%
27	11.798	1648	1651	1654	rBV	28906	28760	5.77%	0.379%
28	11.833	1654	1657	1662	rVB	35670	36587	7.34%	0.483%
29	11.880	1662	1665	1668	rBV	16374	13526	2.71%	0.178%
30	11.915	1668	1671	1673	rVV	44324	47757	9.58%	0.630%
31	11.939	1673	1675	1679	rVB	17040	15737	3.16%	0.208%
32	12.092	1698	1701	1706	rVB	17201	14715	2.95%	0.194%
33	12.151	1709	1711	1716	rBV2	7731	9172	1.84%	0.121%
34	12.351	1741	1745	1747	rBV	16150	15398	3.09%	0.203%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110217\
 Data File : BF100100.D
 Acq On : 2 Nov 2017 22:11
 Operator : SJ/JU
 Sample : I6079-14 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q3-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.457	1761	1763	1769	rVB	9662	9364	1.88%	0.124%
36	12.515	1769	1773	1777	rBV	283252	242417	48.61%	3.198%
37	12.674	1797	1800	1804	rBV3	8561	10517	2.11%	0.139%
38	12.727	1805	1809	1810	rVV	49222	45672	9.16%	0.602%
39	12.745	1810	1812	1818	rVV	242776	199498	40.01%	2.632%
40	12.798	1818	1821	1824	rVB	11132	10348	2.08%	0.136%
41	12.874	1830	1834	1838	rBV	369741	293446	58.85%	3.871%
42	12.927	1840	1843	1845	rVV	7752	7460	1.50%	0.098%
43	12.968	1845	1850	1855	rVB3	17036	29855	5.99%	0.394%
44	13.009	1855	1857	1860	rBV	5681	6775	1.36%	0.089%
45	13.051	1861	1864	1865	rBV2	12992	13822	2.77%	0.182%
46	13.074	1865	1868	1873	rVB	30663	37659	7.55%	0.497%
47	13.139	1873	1879	1882	rBV	18863	23479	4.71%	0.310%
48	13.180	1882	1886	1890	rVV2	22364	30374	6.09%	0.401%
49	13.233	1893	1895	1899	rVB3	5064	5962	1.20%	0.079%
50	13.274	1899	1902	1905	rBV	14586	16234	3.26%	0.214%
51	13.304	1905	1907	1916	rVB3	12531	16834	3.38%	0.222%
52	13.386	1916	1921	1925	rBV4	5532	9308	1.87%	0.123%
53	13.604	1953	1958	1962	rVB	17700	21480	4.31%	0.283%
54	13.721	1972	1978	1981	rBV3	19970	31258	6.27%	0.412%
55	13.757	1981	1984	1990	rVB4	22051	37942	7.61%	0.500%
56	13.815	1990	1994	1998	rBV	24425	24449	4.90%	0.322%
57	13.868	1998	2003	2006	rBV3	4221	7450	1.49%	0.098%
58	13.945	2010	2016	2019	rBV2	393912	458864	92.02%	6.053%
59	13.974	2019	2021	2028	rVB	98776	95916	19.23%	1.265%
60	14.056	2033	2035	2039	rBV2	15533	11222	2.25%	0.148%
61	14.121	2041	2046	2050	rBV5	13333	15791	3.17%	0.208%
62	14.168	2050	2054	2056	rBV2	9993	13801	2.77%	0.182%
63	14.192	2056	2058	2063	rVB2	10995	14637	2.94%	0.193%
64	14.268	2067	2071	2074	rBV5	6934	9332	1.87%	0.123%
65	14.339	2078	2083	2086	rBV	31675	40233	8.07%	0.531%
66	14.374	2086	2089	2092	rVB2	12506	12620	2.53%	0.166%
67	14.409	2092	2095	2097	rBV4	9486	10948	2.20%	0.144%
68	14.462	2102	2104	2110	rVB5	12498	21642	4.34%	0.285%
69	14.515	2110	2113	2114	rBV3	8420	6742	1.35%	0.089%
70	14.668	2136	2139	2145	rBV4	30718	46672	9.36%	0.616%
71	14.851	2167	2170	2174	rBV6	8754	9841	1.97%	0.130%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.933	2180	2184	2185	rBV4	8958	12195	2.45%	0.161%
73	14.992	2189	2194	2196	rBV	94581	133627	26.80%	1.763%
74	15.098	2210	2212	2217	rVB	21106	23295	4.67%	0.307%
75	15.286	2241	2244	2248	rBV	48597	61307	12.29%	0.809%
76	15.351	2252	2255	2260	rVB	76954	101548	20.36%	1.339%
77	15.409	2260	2265	2270	rBV	250167	323826	64.94%	4.271%
78	15.480	2276	2277	2283	rVB6	9714	13110	2.63%	0.173%
79	15.562	2289	2291	2292	rBV2	8550	6445	1.29%	0.085%
80	15.821	2332	2335	2336	rBV2	7651	6820	1.37%	0.090%
81	16.021	2364	2369	2376	rVB5	26250	47630	9.55%	0.628%
82	16.250	2404	2408	2412	rBV4	11363	19370	3.88%	0.256%
83	16.433	2435	2439	2446	rVB4	16225	29704	5.96%	0.392%
84	16.886	2512	2516	2524	rVB	24131	46057	9.24%	0.608%
85	16.986	2531	2533	2538	rVB5	13544	17778	3.57%	0.235%
86	17.062	2540	2546	2551	rVV9	13094	25307	5.07%	0.334%
87	17.333	2588	2592	2602	rVB2	18675	41253	8.27%	0.544%
88	17.592	2634	2636	2642	rVB5	7816	14253	2.86%	0.188%

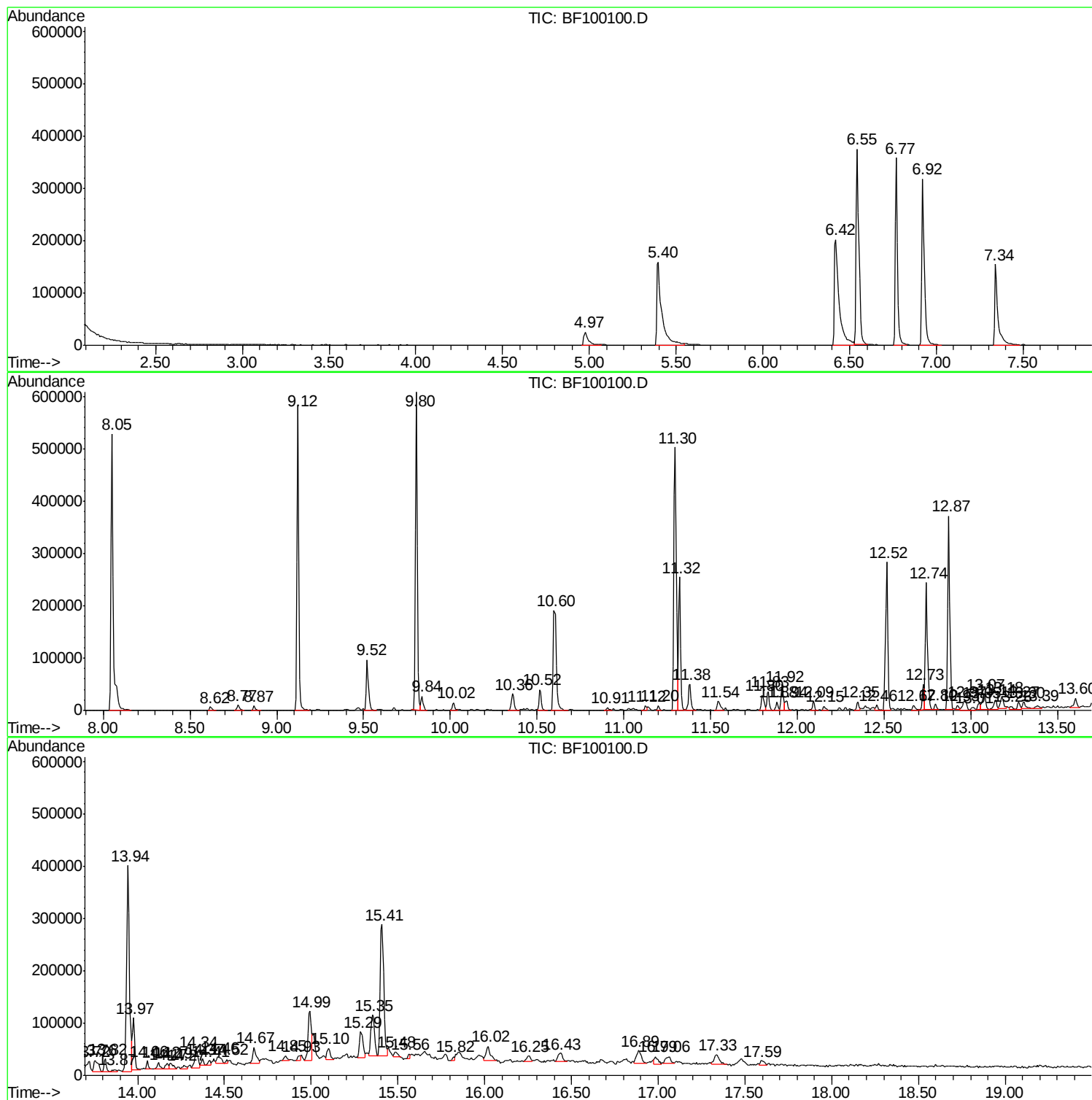
Sum of corrected areas: 7581127

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

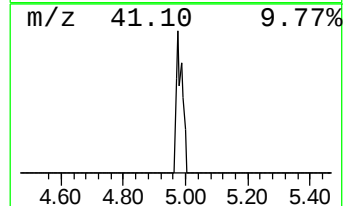
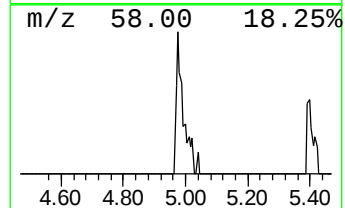
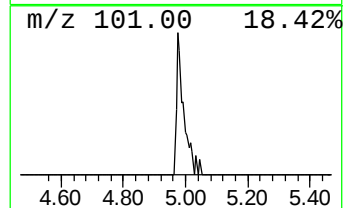
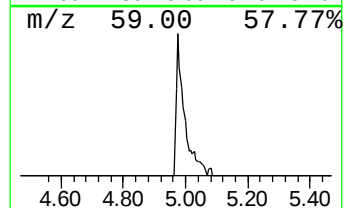
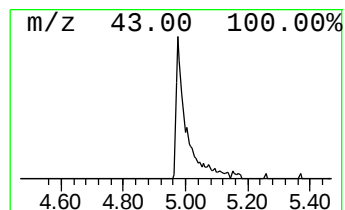
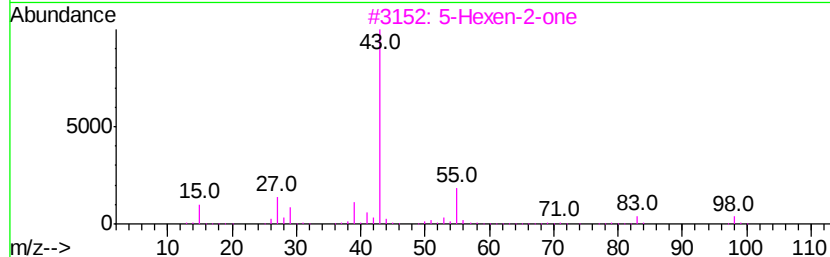
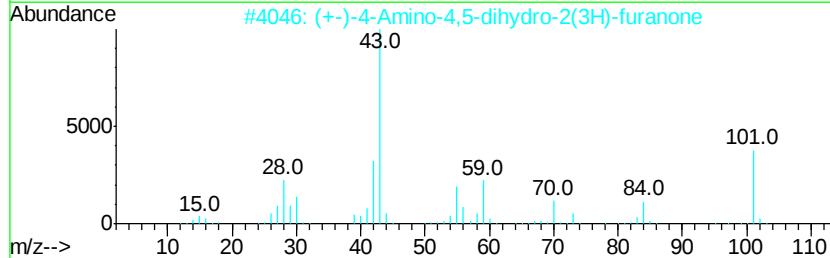
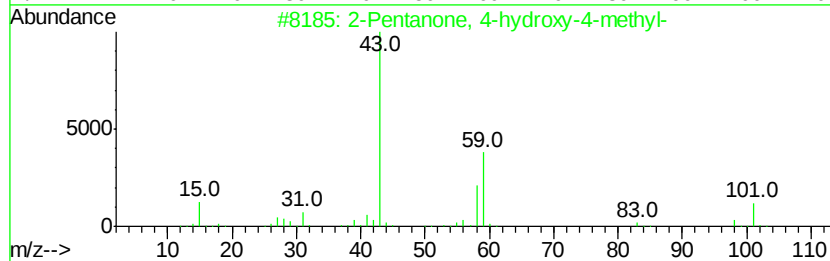
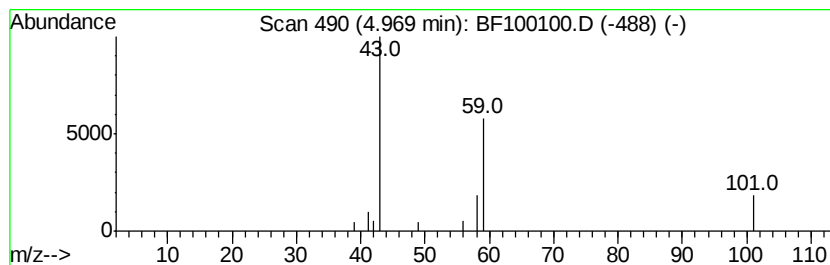
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.72 ng	46029	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Acetone	58	C3H6O	000067-64-1	9
5			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

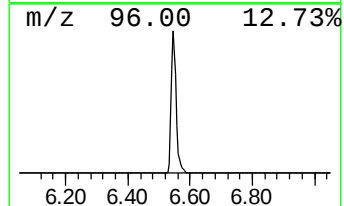
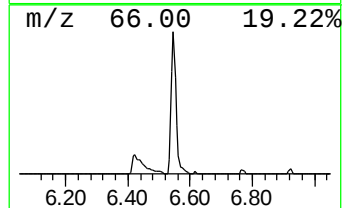
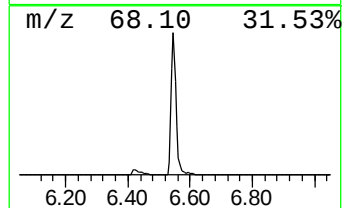
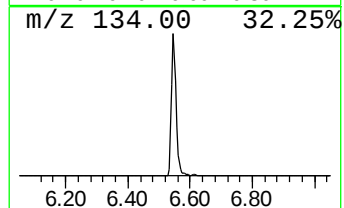
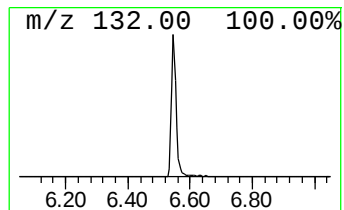
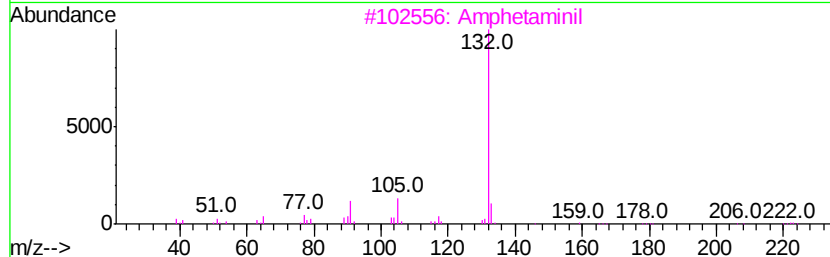
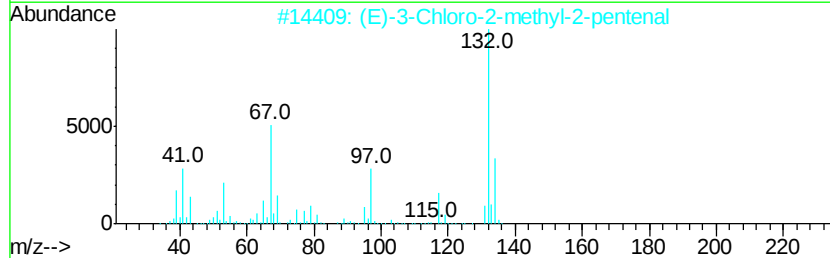
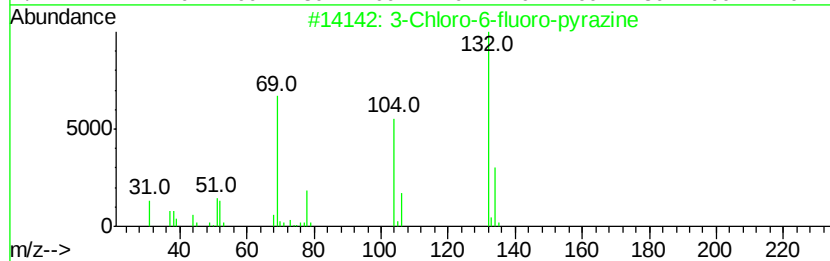
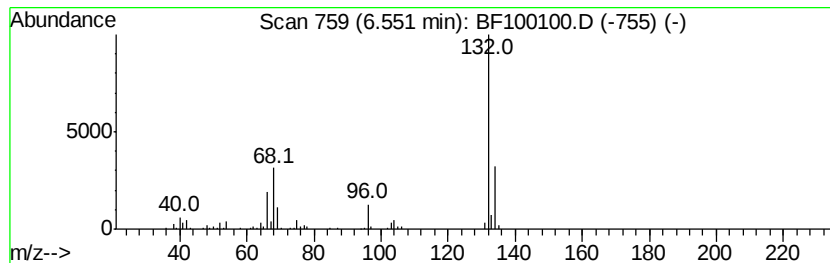
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	23.37 ng	395467	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

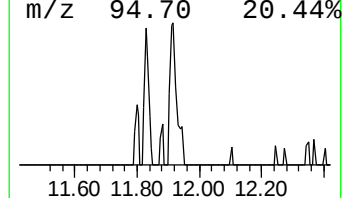
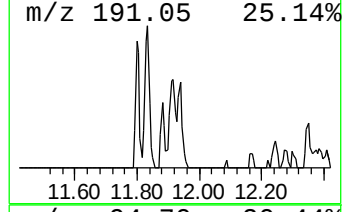
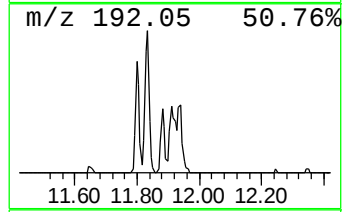
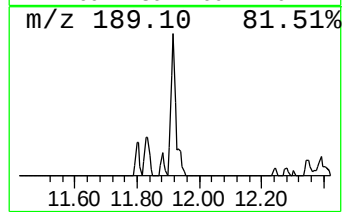
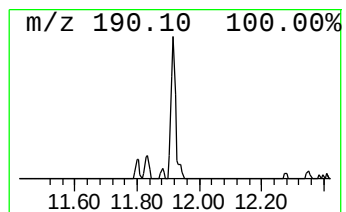
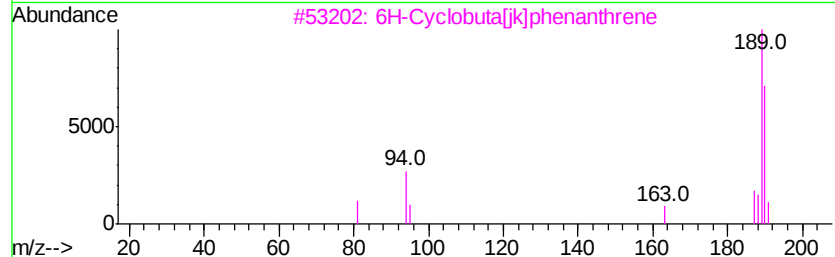
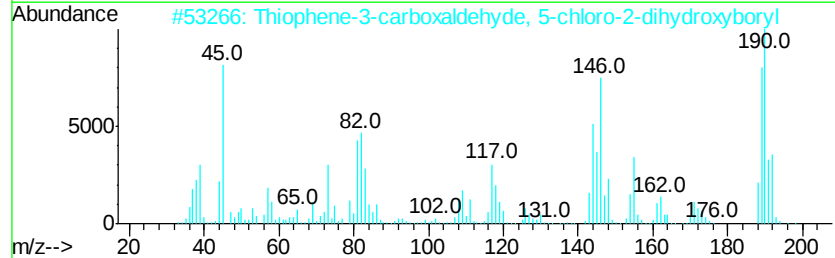
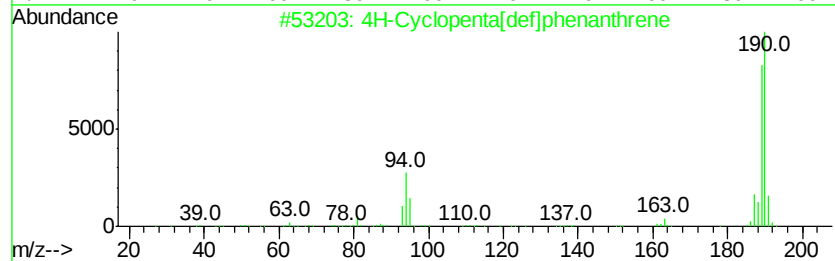
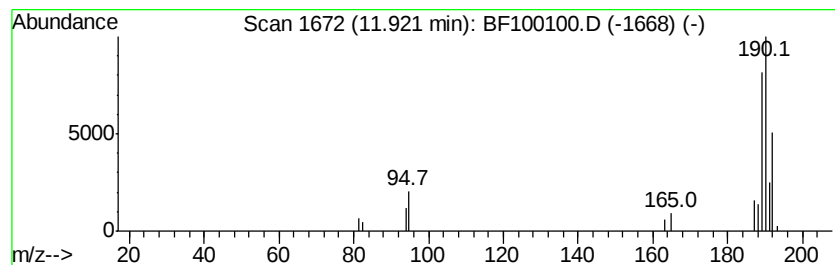
Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	2.17 ng	47757	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	40



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

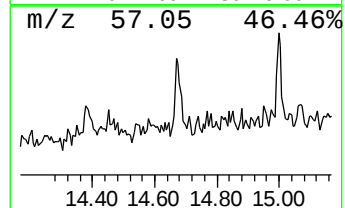
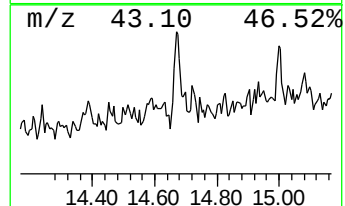
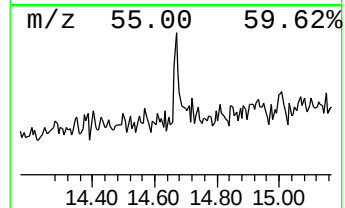
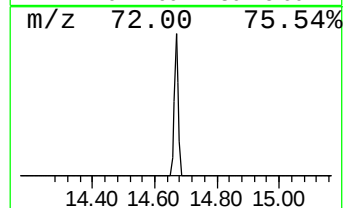
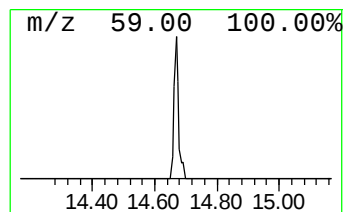
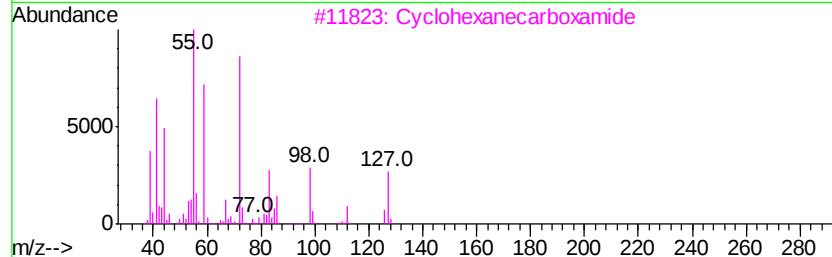
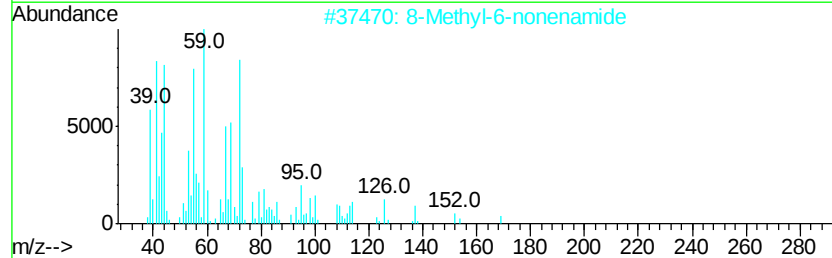
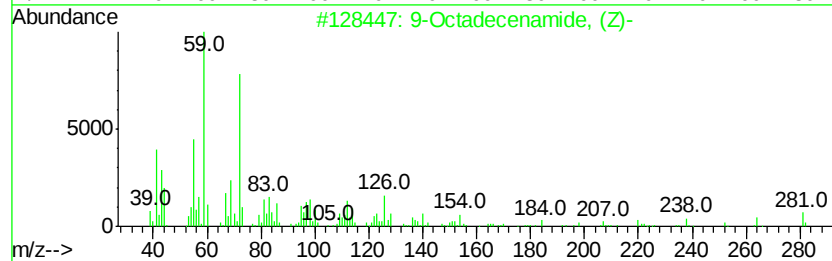
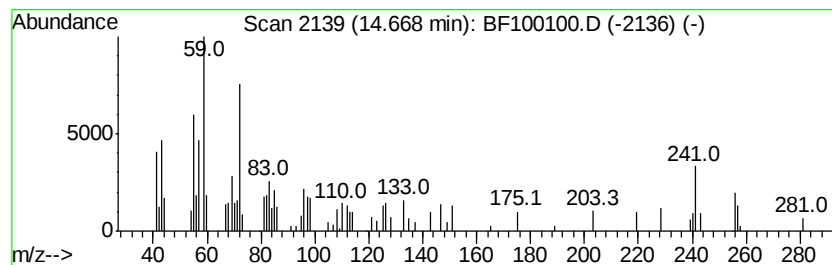
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.03 ng	46672	Chrysene-d12	13.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	47
3		Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	35
4		Octanamide	143	C8H17NO	000629-01-6	30
5		Cyclopentanecarboxamide	113	C6H11NO	003217-94-5	25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

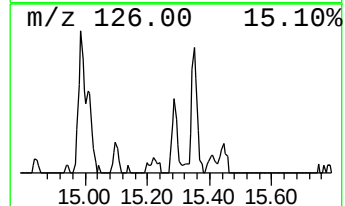
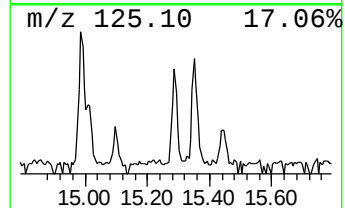
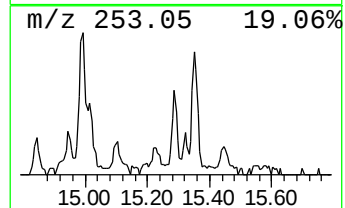
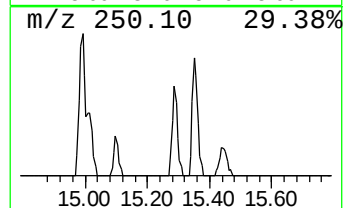
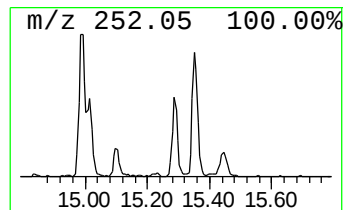
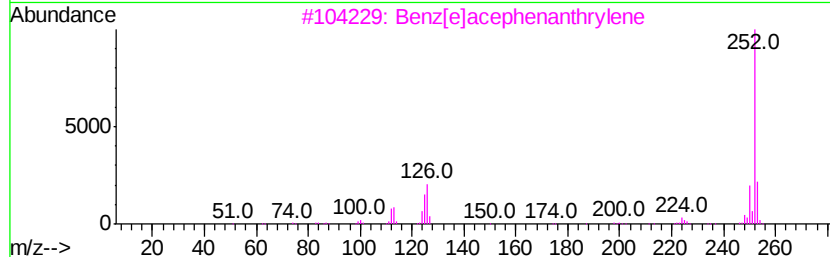
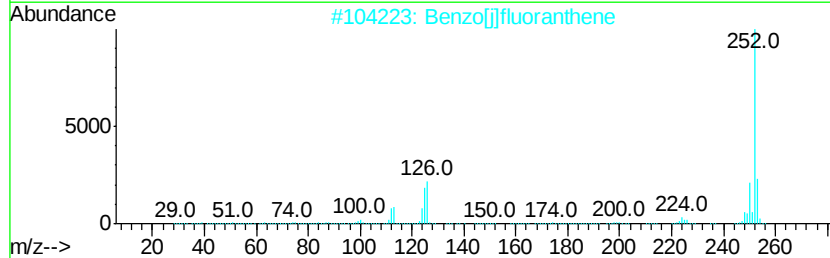
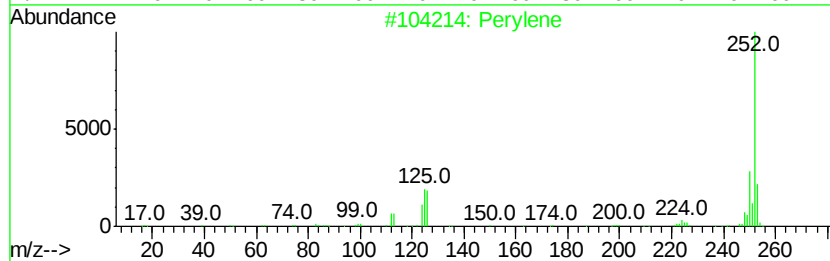
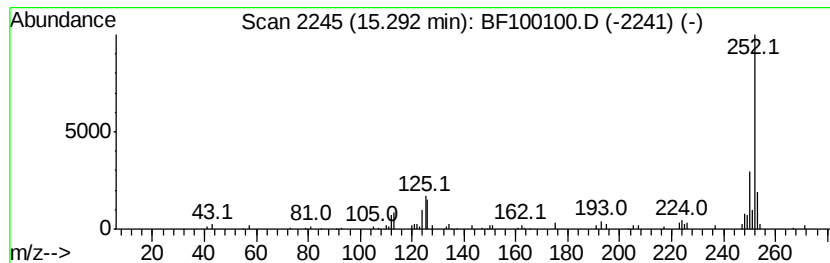
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.79 ng	61307	Perylene-d12	15.41

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

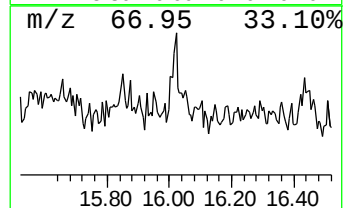
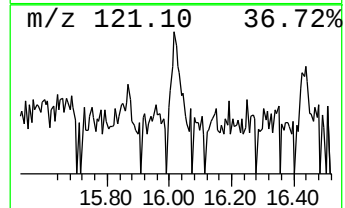
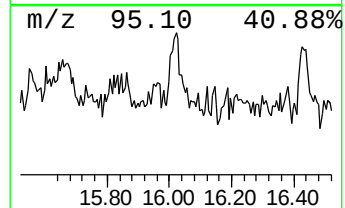
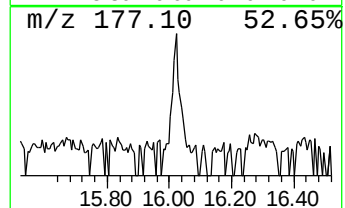
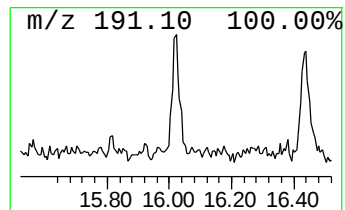
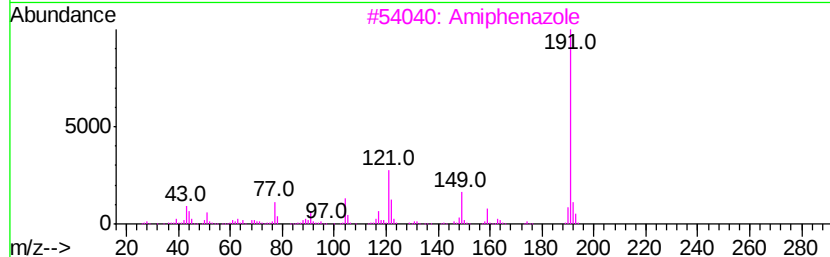
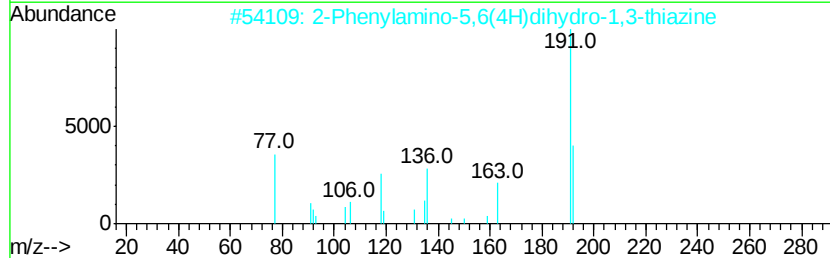
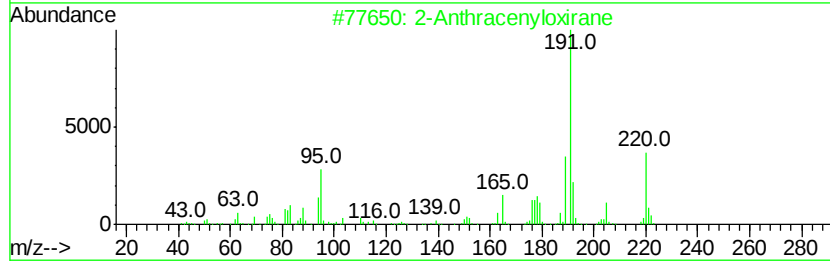
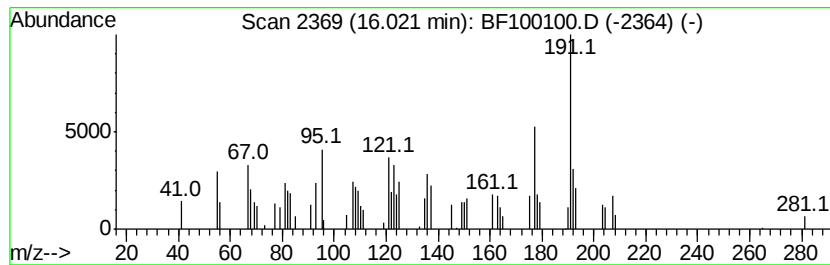
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.94 ng	47630	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Anthracenyloxirane	220	C16H12O	052643-86-4	32
2	2		Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	27
3			Amiphenazole	191	C9H9N3S	000490-55-1	22
4			2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	18
5			2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	16



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	2.7	ng	46029	1	6.77	338475	20.0
unknown6.55	6.55	23.4	ng	395467	1	6.77	338475	20.0
4H-Cyclopenta[def...	11.92	2.2	ng	47757	4	11.30	440387	20.0
9-Octadecenamide,...	14.67	2.0	ng	46672	5	13.94	458864	20.0
Perylene	15.29	3.8	ng	61307	6	15.41	323826	20.0
unknown16.02	16.02	2.9	ng	47630	6	15.41	323826	20.0