

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090616.D
 Acq On : 17 Oct 2016 19:12
 Operator : UM/SJ
 Sample : H5264-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEWARK-POMPTON

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-BF101316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.068	238	239	251	rBV	155706	243538	7.40%	0.714%
2	5.503	274	277	289	rBV	696031	860222	26.14%	2.523%
3	6.531	365	367	377	rBV	710790	910293	27.66%	2.670%
4	6.669	377	379	383	rVV	1006547	999495	30.37%	2.932%
5	6.726	383	384	395	rVB7	37402	102387	3.11%	0.300%
6	6.909	397	400	404	rBV	824585	1010524	30.71%	2.964%
7	7.057	411	413	421	rVB	731226	816522	24.81%	2.395%
8	7.172	421	423	426	rBV	37819	53188	1.62%	0.156%
9	7.469	446	449	456	rBV	329667	504218	15.32%	1.479%
10	7.937	486	490	492	rBV4	21326	45234	1.37%	0.133%
11	7.972	492	493	500	rVB5	16815	42656	1.30%	0.125%
12	8.189	510	512	517	rBV2	1235422	1993509	60.58%	5.848%
13	8.909	572	575	581	rBV	336717	341637	10.38%	1.002%
14	9.000	581	583	586	rBV	201441	257927	7.84%	0.757%
15	9.275	604	607	609	rBV	688649	986421	29.98%	2.894%
16	9.355	612	614	619	rVV2	45211	106688	3.24%	0.313%
17	9.469	622	624	627	rVB	39392	49364	1.50%	0.145%
18	9.537	627	630	634	rBV	90093	148386	4.51%	0.435%
19	9.606	634	636	637	rVV	189045	176091	5.35%	0.517%
20	9.629	637	638	640	rVV	75611	104682	3.18%	0.307%
21	9.663	640	641	645	rVB	141481	152036	4.62%	0.446%
22	9.720	645	646	651	rVB	64327	114378	3.48%	0.336%
23	9.812	651	654	656	rBV	110239	113393	3.45%	0.333%
24	9.880	659	660	663	rVB	43675	35871	1.09%	0.105%
25	9.949	664	666	668	rVV	2053203	1801300	54.74%	5.284%
26	9.983	668	669	671	rVV	470135	359038	10.91%	1.053%
27	10.052	674	675	678	rVB	25518	33171	1.01%	0.097%
28	10.109	678	680	682	rBV3	34929	48251	1.47%	0.142%
29	10.155	682	684	686	rBV	220461	234631	7.13%	0.688%
30	10.189	686	687	692	rVB3	67871	83940	2.55%	0.246%
31	10.269	692	694	695	rBV	45640	45614	1.39%	0.134%
32	10.383	702	704	705	rVB2	71622	66572	2.02%	0.195%
33	10.498	712	714	717	rBV	392392	399218	12.13%	1.171%
34	10.600	717	723	725	rBV5	36806	141255	4.29%	0.414%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
 Data File : BF090616.D
 Acq On : 17 Oct 2016 19:12
 Operator : UM/SJ
 Sample : H5264-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEWARK-POMPTON

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-BF101316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.658	725	728	730	rVB2	62677	76482	2.32%	0.224%
36	10.738	732	735	738	rBV	542242	624739	18.98%	1.833%
37	10.863	744	746	750	rVB2	83356	144675	4.40%	0.424%
38	11.046	759	762	763	rBV2	88673	126536	3.85%	0.371%
39	11.069	763	764	766	rVB2	45558	50710	1.54%	0.149%
40	11.126	767	769	771	rVB	43568	45832	1.39%	0.134%
41	11.195	771	775	778	rBV3	42450	91909	2.79%	0.270%
42	11.241	778	779	781	rVB	37365	39908	1.21%	0.117%
43	11.298	781	784	786	rBV3	51445	105254	3.20%	0.309%
44	11.332	786	787	791	rVB	137423	148464	4.51%	0.436%
45	11.458	794	798	801	rBV2	1711930	3290799	100.00%	9.653%
46	11.515	801	803	805	rVB	312788	314702	9.56%	0.923%
47	11.675	814	817	821	rBV	64515	144365	4.39%	0.423%
48	11.732	821	822	824	rVV	94278	74204	2.25%	0.218%
49	11.766	824	825	828	rVB	45719	54537	1.66%	0.160%
50	11.938	838	840	841	rBV	219481	213910	6.50%	0.627%
51	11.972	841	843	845	rVV	170537	237409	7.21%	0.696%
52	12.018	845	847	848	rVV	66622	73480	2.23%	0.216%
53	12.052	848	850	854	rVB2	354860	543610	16.52%	1.595%
54	12.143	855	858	859	rVB2	39325	43568	1.32%	0.128%
55	12.235	864	866	871	rVV2	89472	151965	4.62%	0.446%
56	12.418	880	882	886	rVB2	71717	112377	3.41%	0.330%
57	12.486	886	888	890	rBV	175539	205877	6.26%	0.604%
58	12.521	890	891	894	rVB	108868	164428	5.00%	0.482%
59	12.578	894	896	900	rVB3	69797	124310	3.78%	0.365%
60	12.646	900	902	905	rBV	1339204	1540261	46.81%	4.518%
61	12.715	905	908	909	rVB3	31896	62562	1.90%	0.184%
62	12.806	914	916	919	rVB2	51693	69470	2.11%	0.204%
63	12.875	919	922	926	rBV	1278902	1717683	52.20%	5.039%
64	13.024	932	935	939	rVB	677032	807726	24.54%	2.369%
65	13.092	939	941	945	rBV3	89326	168854	5.13%	0.495%
66	13.206	948	951	953	rBV	171454	233648	7.10%	0.685%
67	13.275	953	957	958	rBV2	107794	161262	4.90%	0.473%
68	13.309	958	960	964	rVB2	147328	212925	6.47%	0.625%
69	13.401	966	968	969	rVV	88520	73290	2.23%	0.215%
70	13.435	969	971	972	rVB	68418	54866	1.67%	0.161%
71	13.606	983	986	987	rBV3	64908	117249	3.56%	0.344%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.835	1003	1006	1007	rBV3	69788	141331	4.29%	0.415%
73	13.927	1012	1014	1019	rVB2	129147	238740	7.25%	0.700%
74	14.075	1024	1027	1034	rBV	1221468	2538532	77.14%	7.447%
75	14.464	1059	1061	1063	rBV	102987	141631	4.30%	0.415%
76	15.115	1115	1118	1123	rBV	501697	1144356	34.77%	3.357%
77	15.412	1142	1144	1147	rVB	279831	375785	11.42%	1.102%
78	15.481	1147	1150	1153	rVV	336532	577329	17.54%	1.694%
79	15.538	1153	1155	1161	rVB2	807037	1370056	41.63%	4.019%
80	15.687	1166	1168	1173	rBV4	109956	185662	5.64%	0.545%
81	16.235	1214	1216	1222	rVB	217611	446658	13.57%	1.310%
82	16.670	1251	1254	1261	rVB	207785	436833	13.27%	1.281%
83	16.990	1279	1282	1287	rVB2	165189	381521	11.59%	1.119%
84	17.424	1317	1320	1326	rVB	140447	305564	9.29%	0.896%

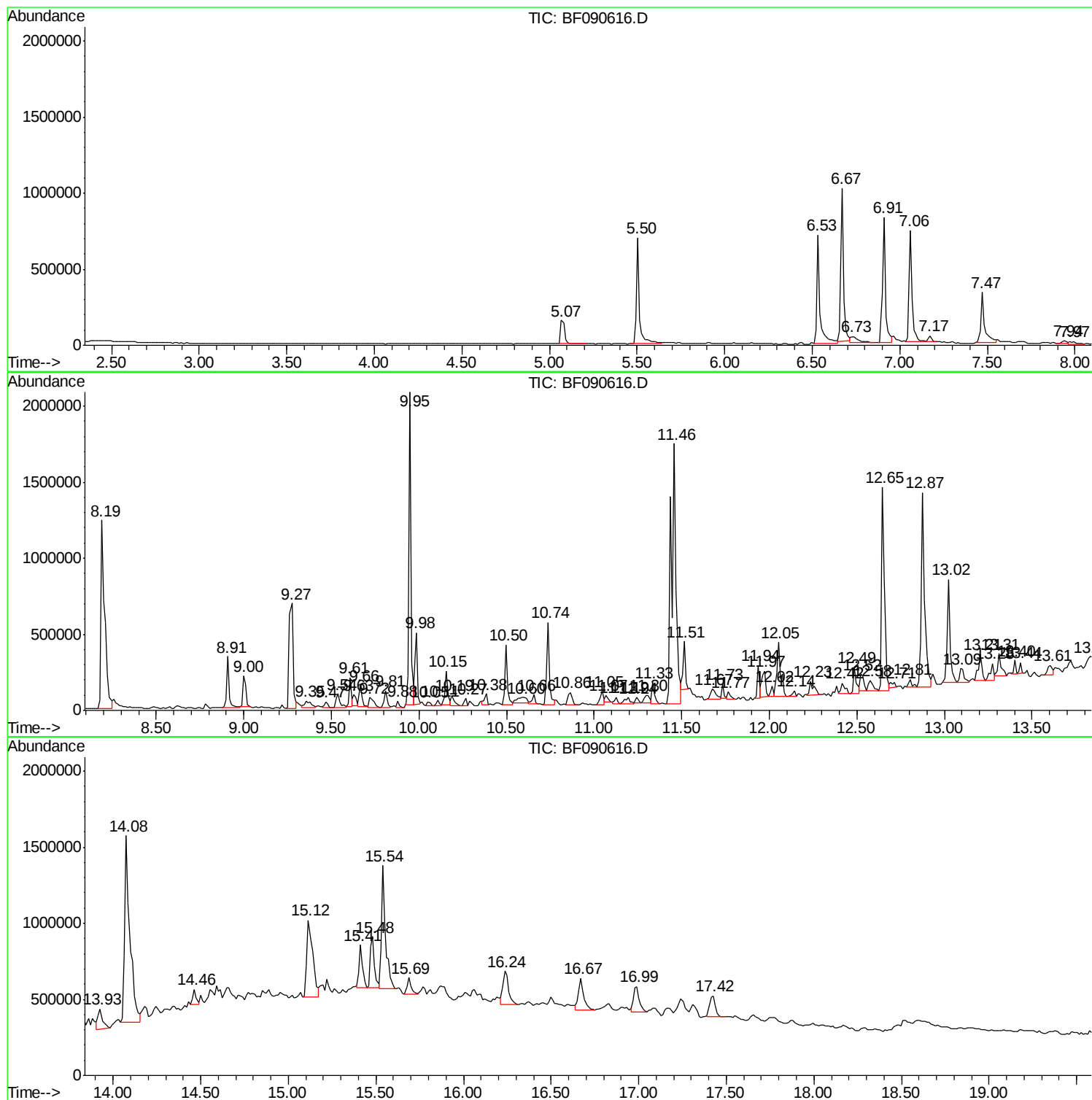
Sum of corrected areas: 34089494

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

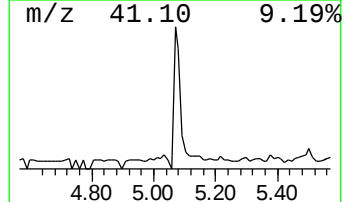
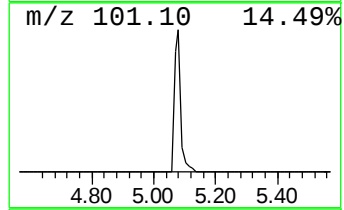
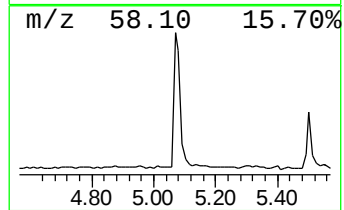
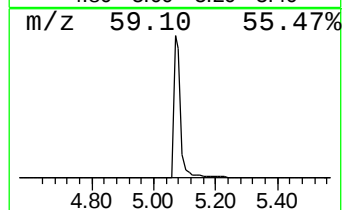
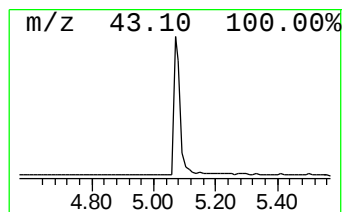
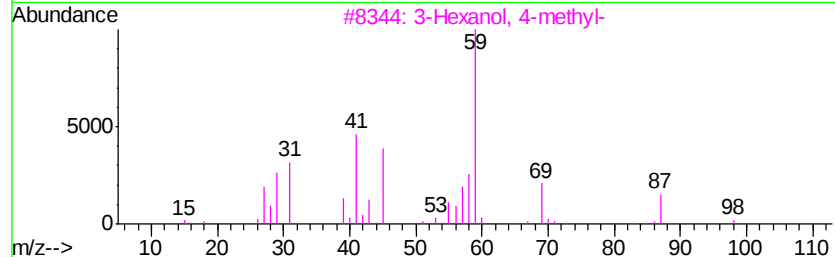
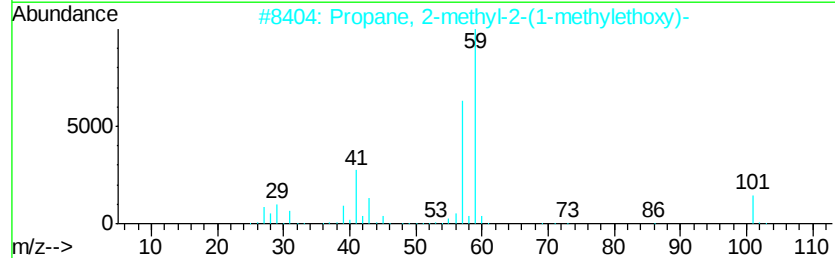
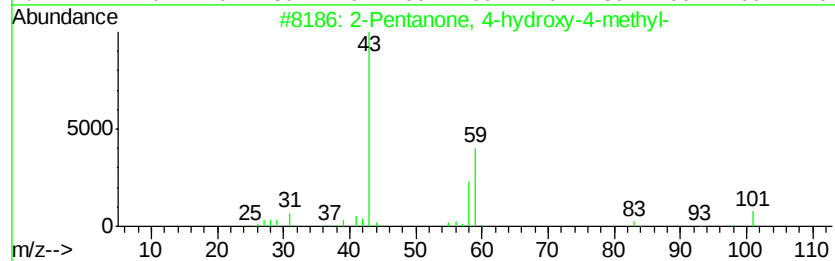
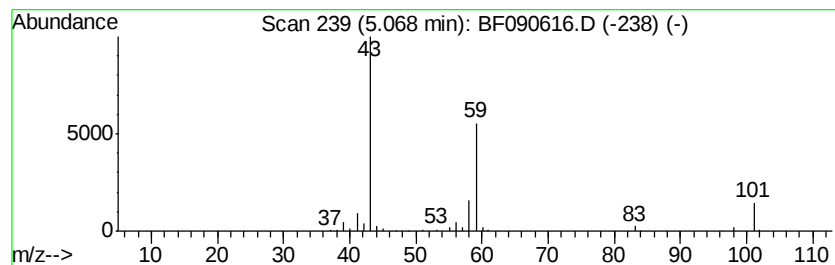
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.82 ng	243538	1,4-Dichlorobenzene-d4	6.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

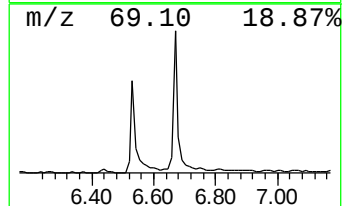
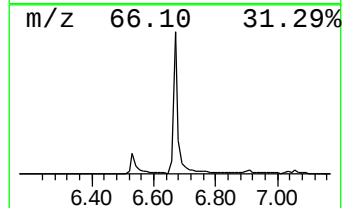
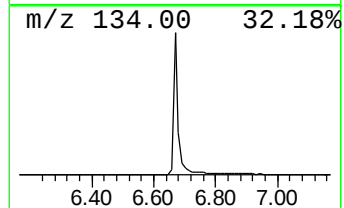
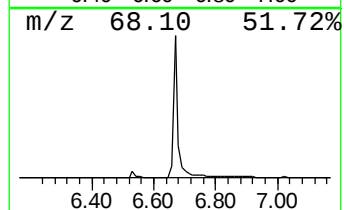
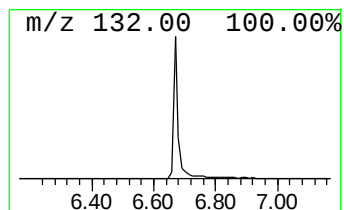
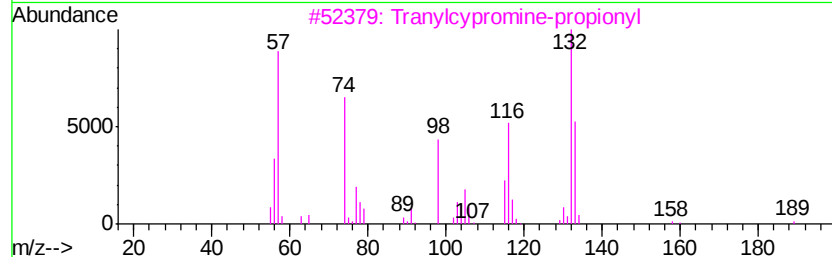
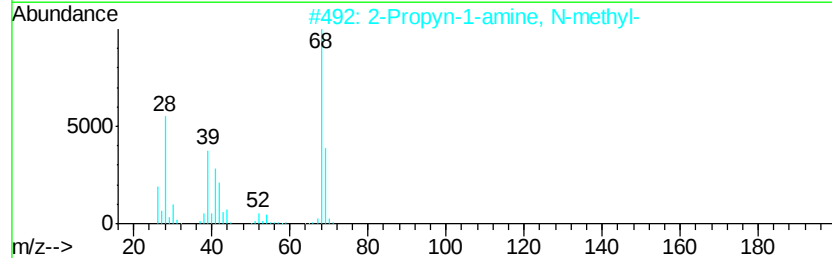
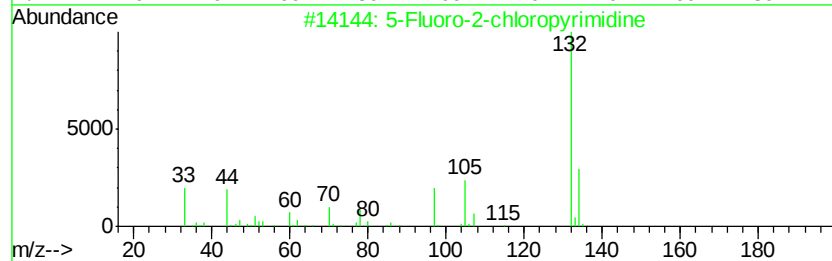
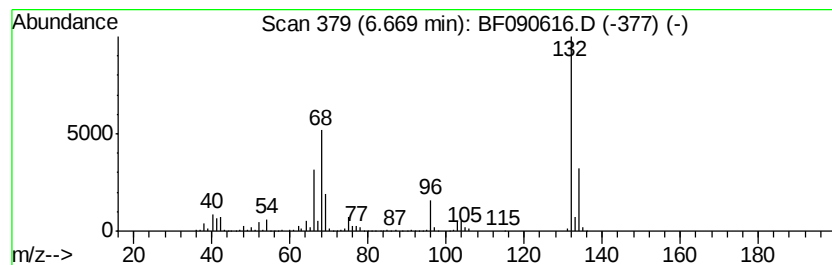
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	19.78 ng	999495	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		2-Propyn-1-amine, N-methyl-	69	C4H7N	035161-71-8	11
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

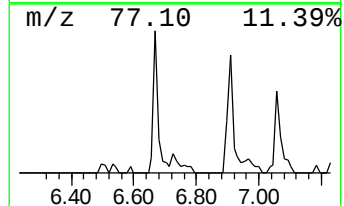
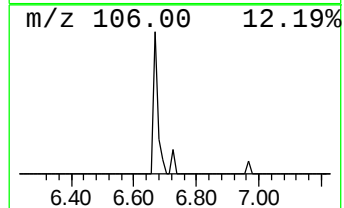
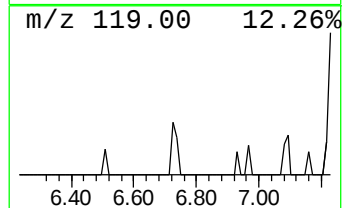
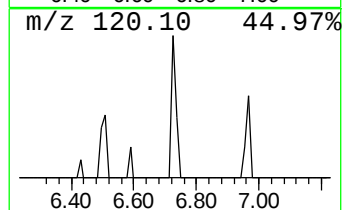
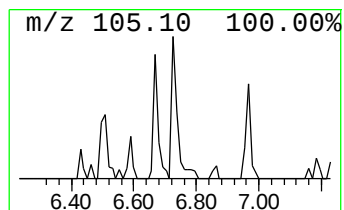
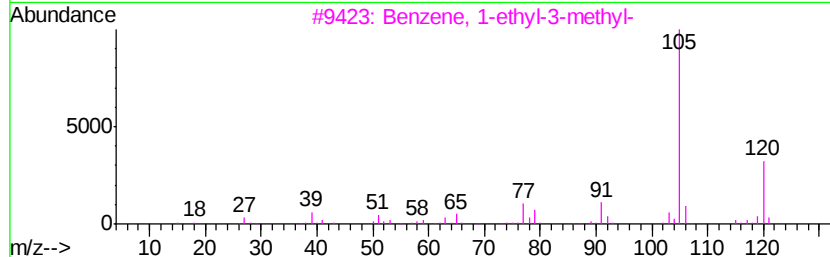
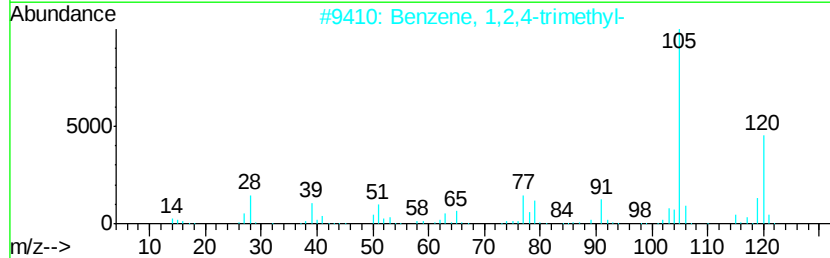
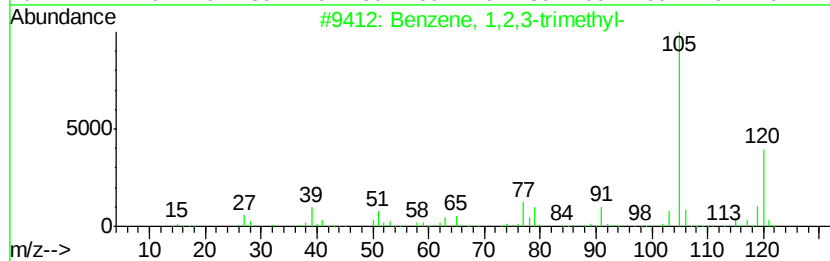
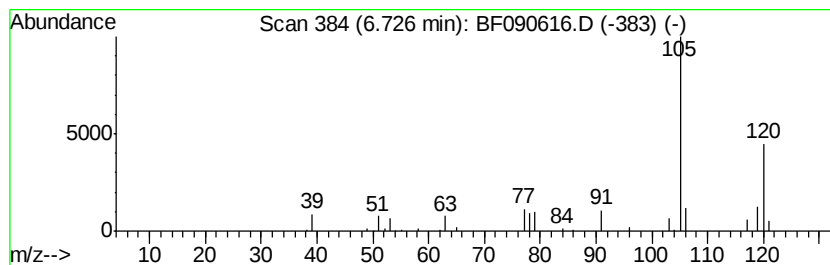
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	2.03 ng	102387	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

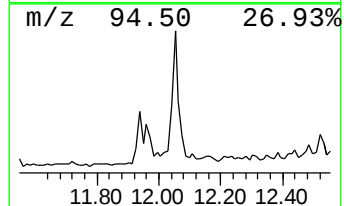
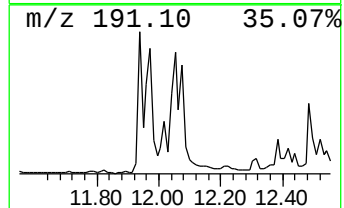
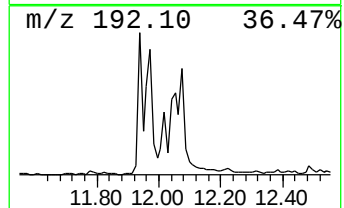
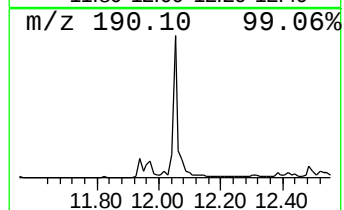
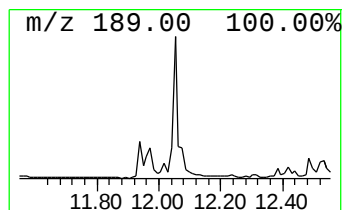
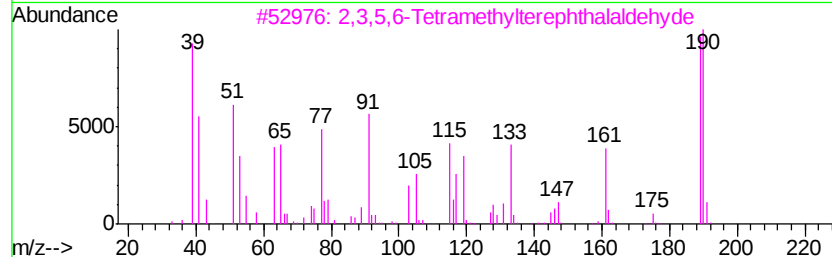
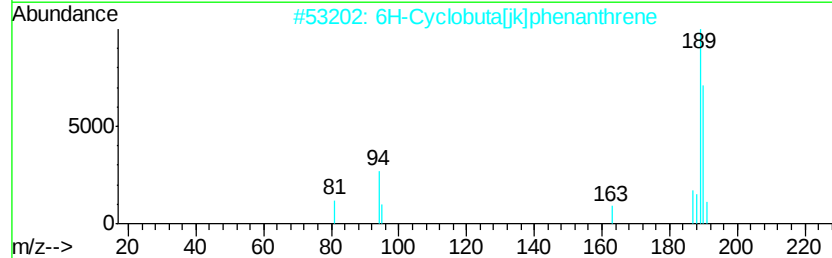
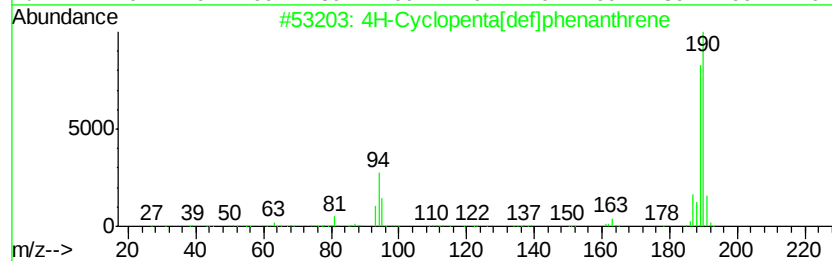
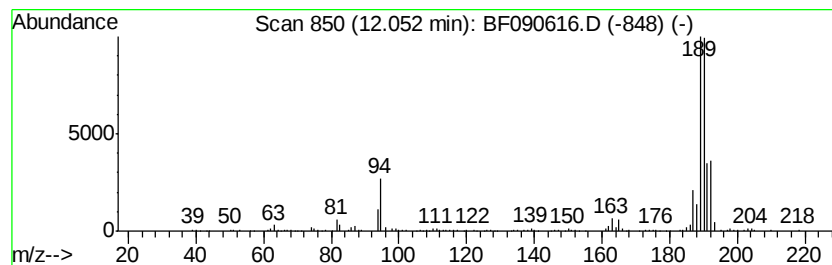
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.30 ng	543610	Phenanthrene-d10	11.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

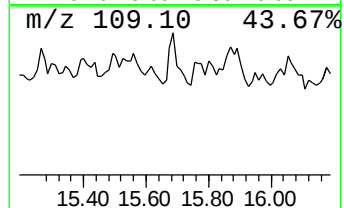
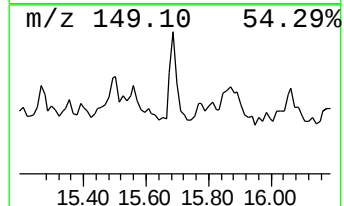
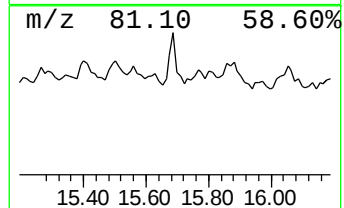
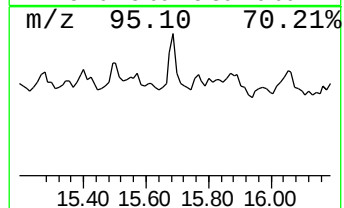
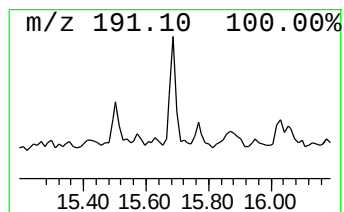
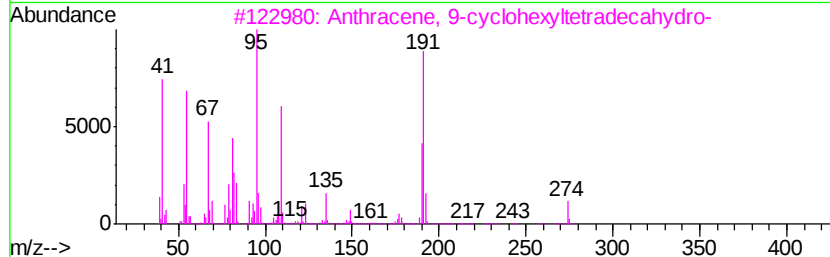
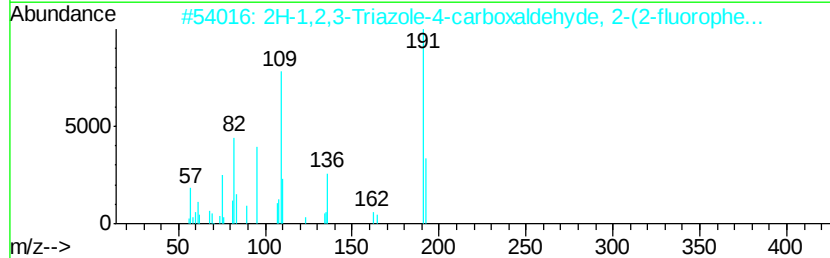
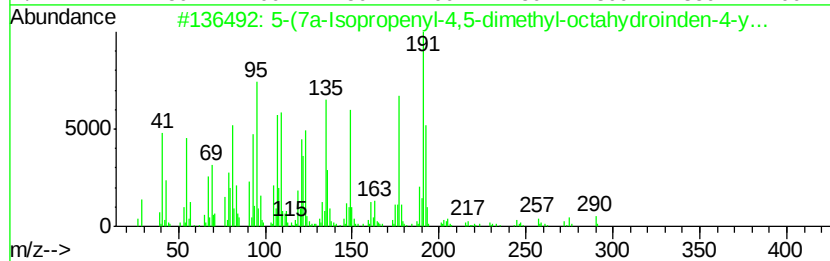
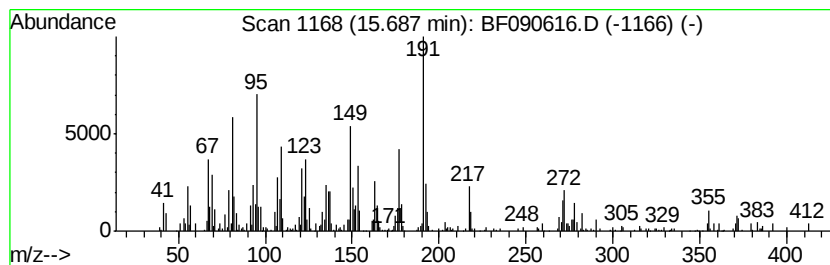
Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-(7a-Isopropenyl-4,5-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.69	2.71 ng	185662	Perylene-d12	15.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	50	
2	2H-1,2,3-Triazole-4-carboxaldeh...	191	C9H6FN3O	051306-43-5	43	
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35	
4	Silane, dimethyl(dimethyl(2,6-di...	356	C18H36O3Si2	1000347-91-3	27	
5	2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14N3P	093989-00-5	25	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

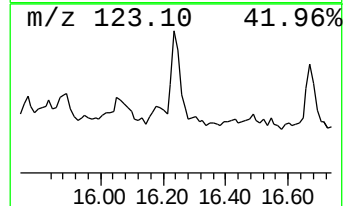
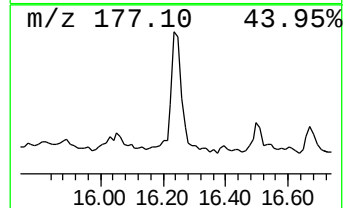
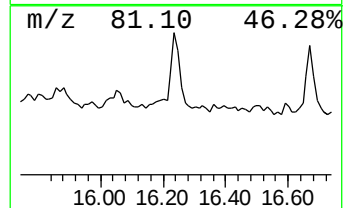
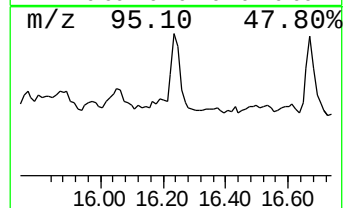
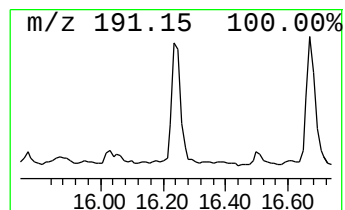
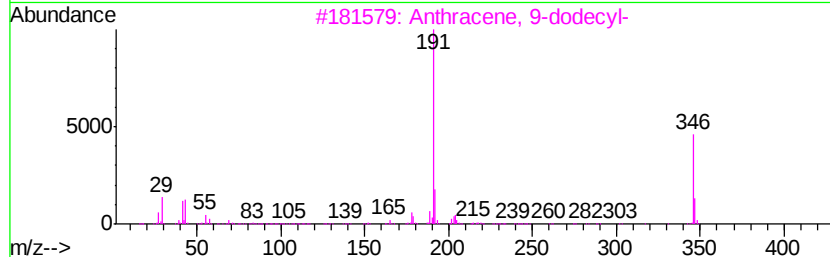
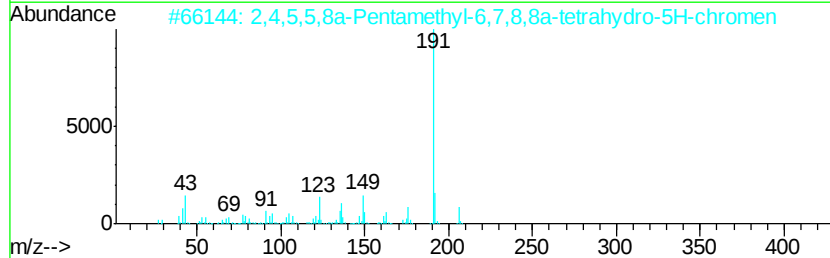
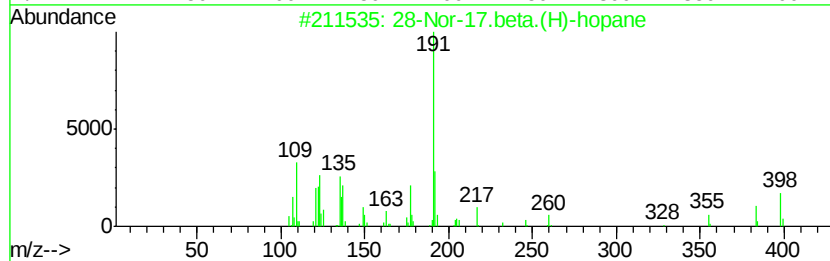
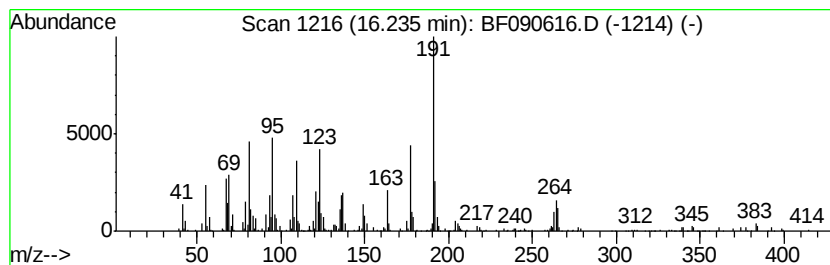
Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 28-Nor-17.beta.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	6.52 ng	446658	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	53
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9	38
3	Anthracene, 9-dodecyl-	346 C26H34	002883-70-7	25
4	2-Fluoro-6-trifluoromethylbenzoi...	290 C14H14F4O2	1000357-69-3	22
5	Acetamide, N-[3-[(2,5-dioxo-1-p...	303 C16H21N3O3	027550-64-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

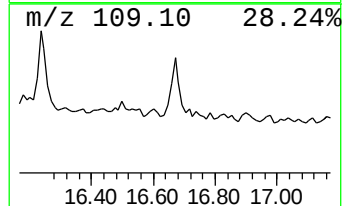
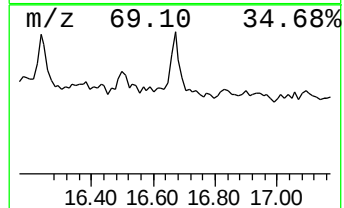
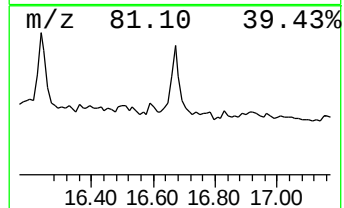
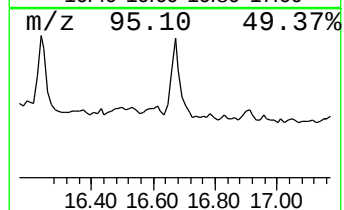
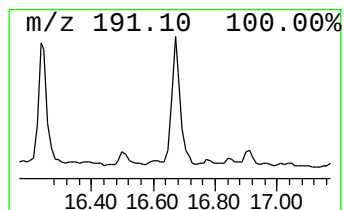
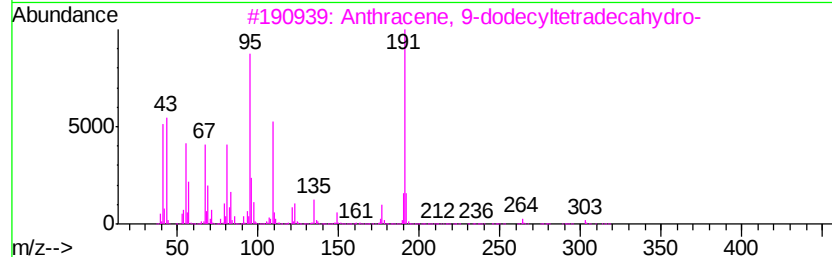
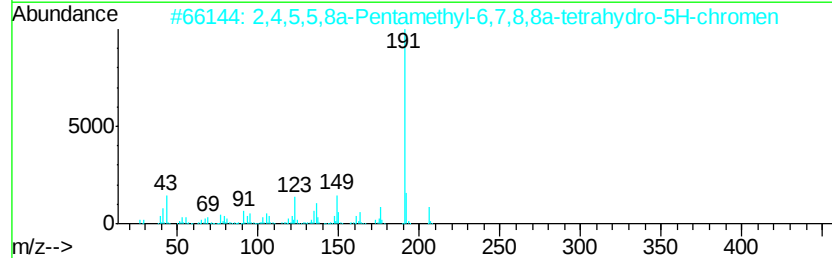
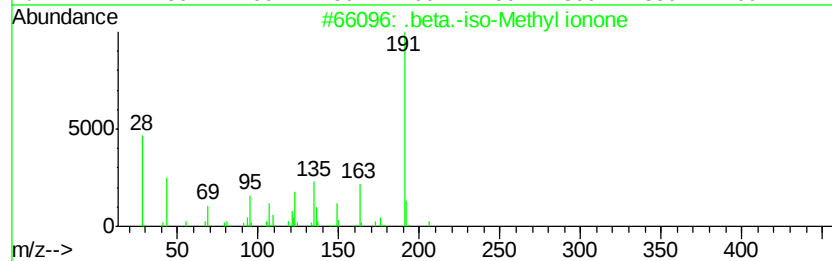
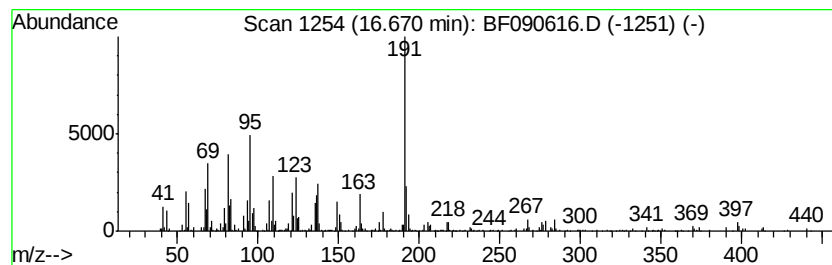
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	6.38 ng	436833	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
3		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5		4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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...	5.07	4.8	ng	243538	1	6.91	1010520	20.0
unknown6.67	6.67	19.8	ng	999495	1	6.91	1010520	20.0
Benzene, 1,2,3-tr...	6.73	2.0	ng	102387	1	6.91	1010520	20.0
4H-Cyclopenta[def...	12.05	3.3	ng	543610	4	11.43	3290800	20.0
5-(7a-Isopropenyl...	15.69	2.7	ng	185662	6	15.54	1370060	20.0
28-Nor-17.beta.(H...	16.24	6.5	ng	446658	6	15.54	1370060	20.0
unknown16.67	16.67	6.4	ng	436833	6	15.54	1370060	20.0