

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089713.D
 Acq On : 11 Aug 2016 00:21
 Operator : UM/SJ
 Sample : H4400-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL3(0-6)

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-BF080416.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	4.604	261	264	276	rBV	136906	319756	23.87%	2.221%
2	5.301	323	325	346	rBV	597618	1085816	81.06%	7.542%
3	5.884	374	376	380	rVB	10301	15629	1.17%	0.109%
4	6.970	469	471	477	rBV	487747	971353	72.52%	6.747%
5	7.062	477	479	497	rVB	701770	1339493	100.00%	9.304%
6	7.404	507	509	515	rBV	196851	280712	20.96%	1.950%
7	7.633	526	529	543	rVB	614548	915261	68.33%	6.357%
8	8.307	586	588	598	rBV	348121	643502	48.04%	4.470%
9	9.428	683	686	693	rBV	316726	426191	31.82%	2.960%
10	10.513	779	781	783	rBV	11573	13451	1.00%	0.093%
11	10.593	783	788	793	rVV2	8811	17388	1.30%	0.121%
12	10.742	798	801	802	rBV	9237	13397	1.00%	0.093%
13	11.211	839	842	845	rBV	978927	1152669	86.05%	8.006%
14	11.439	859	862	866	rBV	15476	25282	1.89%	0.176%
15	11.896	900	902	905	rBV	187829	219913	16.42%	1.527%
16	12.022	912	913	918	rVB2	7495	15548	1.16%	0.108%
17	12.251	930	933	935	rBV	313461	380189	28.38%	2.641%
18	12.296	935	937	941	rVB	58337	76433	5.71%	0.531%
19	12.594	960	963	967	rBV	10702	18464	1.38%	0.128%
20	12.811	979	982	984	rVB2	7734	15947	1.19%	0.111%
21	13.028	998	1001	1005	rBV	7578	15875	1.19%	0.110%
22	13.108	1005	1008	1010	rVV	49354	69324	5.18%	0.481%
23	13.142	1010	1011	1015	rVV	24416	36854	2.75%	0.256%
24	13.234	1017	1019	1026	rVB4	5187	16767	1.25%	0.116%
25	13.474	1037	1040	1042	rBV	16892	27732	2.07%	0.193%
26	13.542	1044	1046	1050	rBV	385599	510143	38.08%	3.543%
27	13.771	1061	1066	1069	rVB6	5424	20052	1.50%	0.139%
28	13.885	1071	1076	1080	rBV	62045	129831	9.69%	0.902%
29	14.217	1102	1105	1109	rVV5	8574	26729	2.00%	0.186%
30	14.297	1109	1112	1115	rVV4	9843	19789	1.48%	0.137%
31	14.354	1115	1117	1120	rVV3	8227	15991	1.19%	0.111%
32	14.479	1126	1128	1134	rVB	9643	19531	1.46%	0.136%
33	14.617	1138	1140	1141	rVV	39032	55800	4.17%	0.388%
34	14.651	1141	1143	1144	rVV	206602	317398	23.70%	2.205%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

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-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.685	1144	1146	1150	rVV	240742	331140	24.72%	2.300%
36	14.765	1150	1153	1159	rVB	48224	81554	6.09%	0.566%
37	14.914	1164	1166	1169	rVB3	12007	18475	1.38%	0.128%
38	15.074	1173	1180	1182	rBV2	15664	49752	3.71%	0.346%
39	15.291	1197	1199	1202	rBV2	21583	31379	2.34%	0.218%
40	15.451	1210	1213	1215	rBV	28972	43790	3.27%	0.304%
41	15.485	1215	1216	1219	rVV	30513	47143	3.52%	0.327%
42	15.565	1220	1223	1224	rVV	15540	29123	2.17%	0.202%
43	15.600	1224	1226	1228	rVV	34847	55227	4.12%	0.384%
44	15.668	1228	1232	1236	rVB3	85732	148617	11.10%	1.032%
45	15.908	1250	1253	1255	rBV	35137	63700	4.76%	0.442%
46	15.942	1255	1256	1260	rVB4	13148	23666	1.77%	0.164%
47	16.262	1281	1284	1286	rBV2	22324	44141	3.30%	0.307%
48	16.297	1286	1287	1290	rVV2	13427	25607	1.91%	0.178%
49	16.457	1299	1301	1304	rBV	334423	426715	31.86%	2.964%
50	16.765	1325	1328	1333	rBV	344135	522960	39.04%	3.632%
51	16.914	1339	1341	1343	rBV	27282	33060	2.47%	0.230%
52	16.960	1343	1345	1347	rBV	23997	26749	2.00%	0.186%
53	17.017	1347	1350	1353	rBV	536316	825097	61.60%	5.731%
54	18.308	1461	1463	1465	rBV2	64138	106740	7.97%	0.741%
55	18.366	1465	1468	1470	rVV2	298912	554537	41.40%	3.852%
56	18.400	1470	1471	1473	rVB	136239	118242	8.83%	0.821%
57	18.446	1473	1475	1478	rBV	126067	186929	13.96%	1.298%
58	19.634	1577	1579	1585	rVB	149437	311950	23.29%	2.167%
59	19.817	1593	1595	1597	rBV	144667	184435	13.77%	1.281%
60	19.920	1602	1604	1606	rBV	114316	137254	10.25%	0.953%
61	19.977	1607	1609	1612	rVB	134075	180914	13.51%	1.257%
62	20.034	1612	1614	1616	rBV	229048	288268	21.52%	2.002%
63	20.503	1653	1655	1658	rVB	199901	272217	20.32%	1.891%

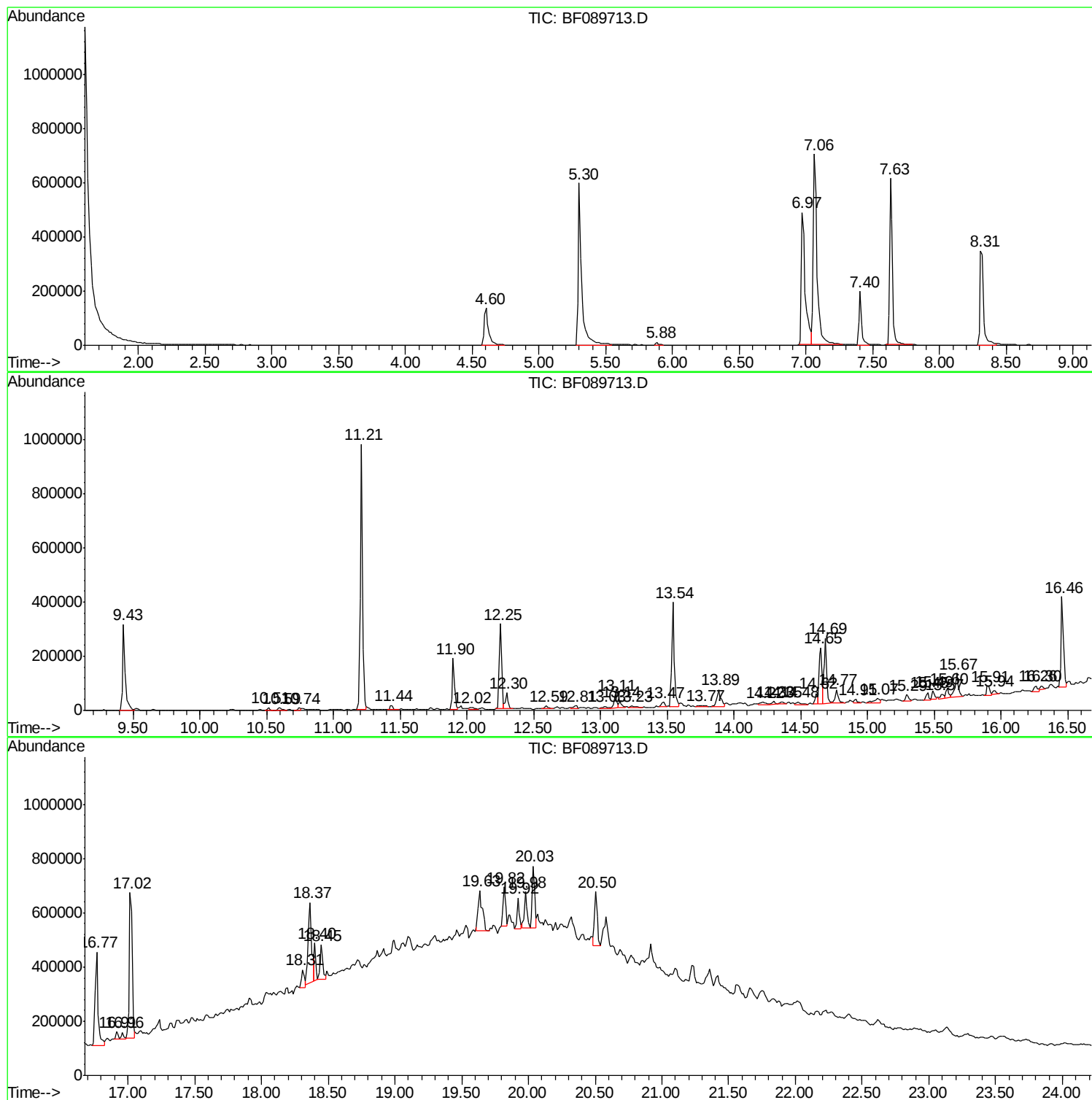
Sum of corrected areas: 14397591

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DEL3(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

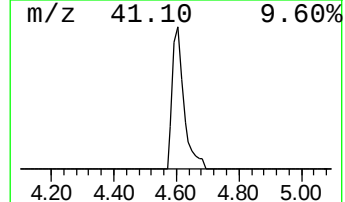
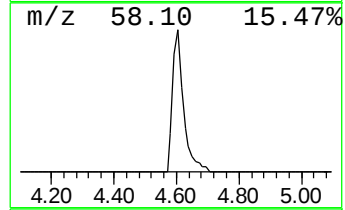
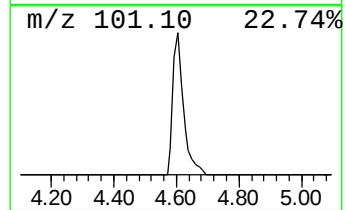
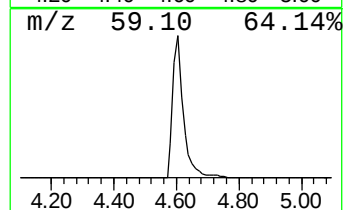
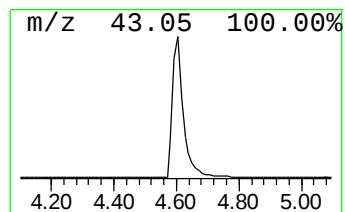
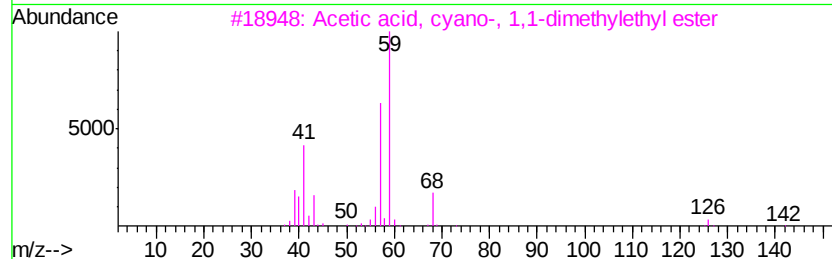
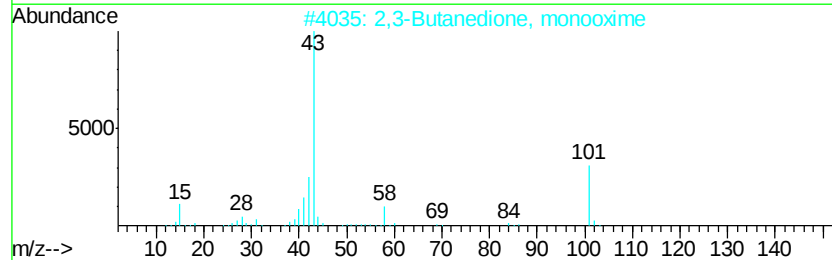
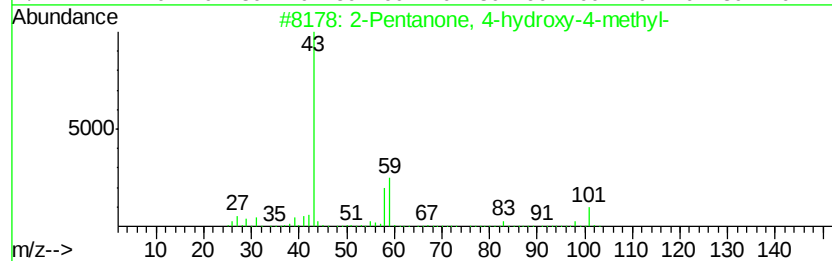
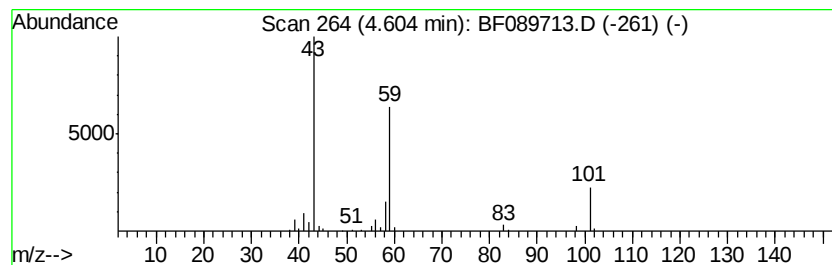
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	22.78 ng	319756	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

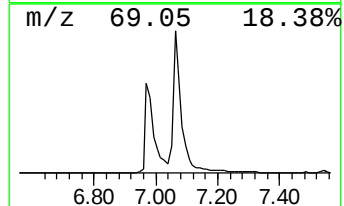
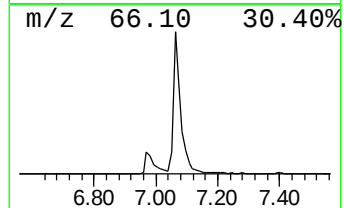
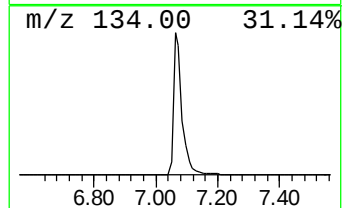
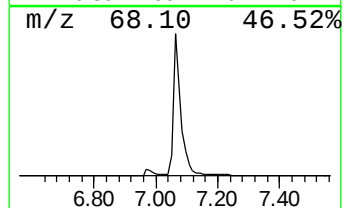
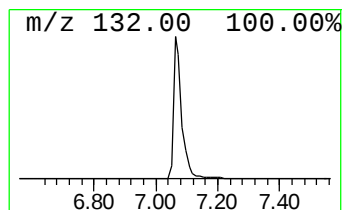
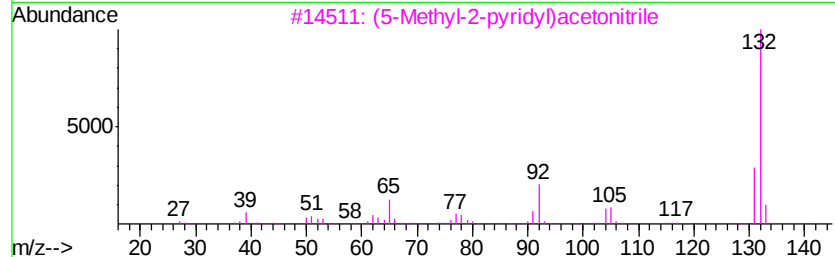
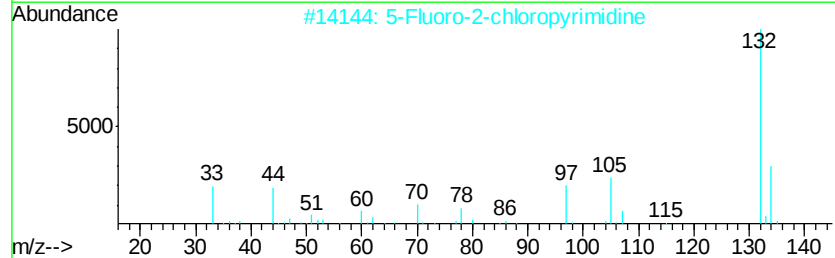
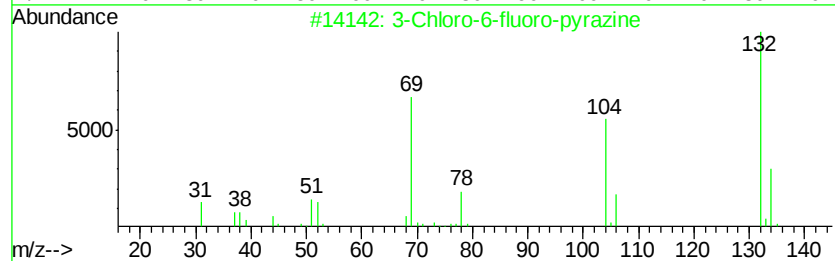
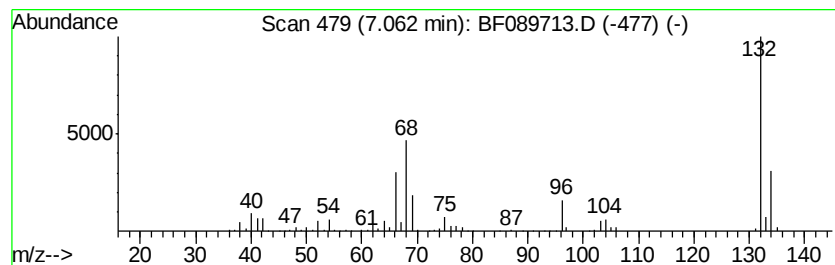
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	95.44 ng	1339490	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

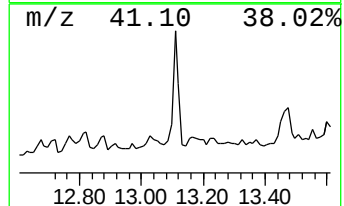
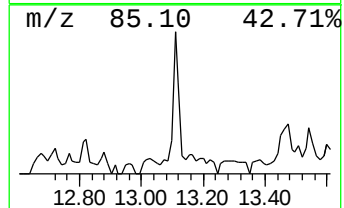
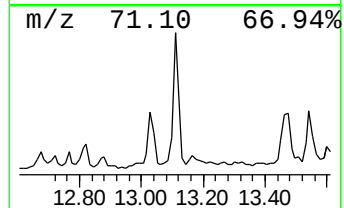
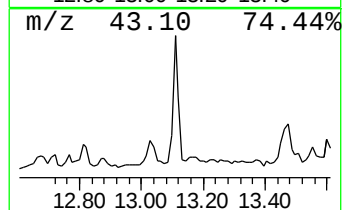
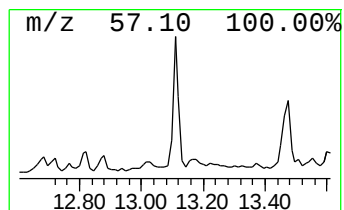
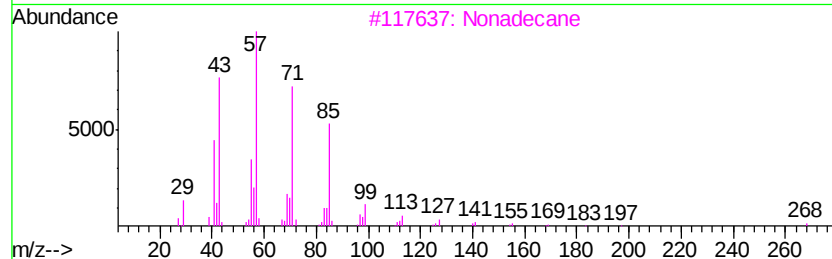
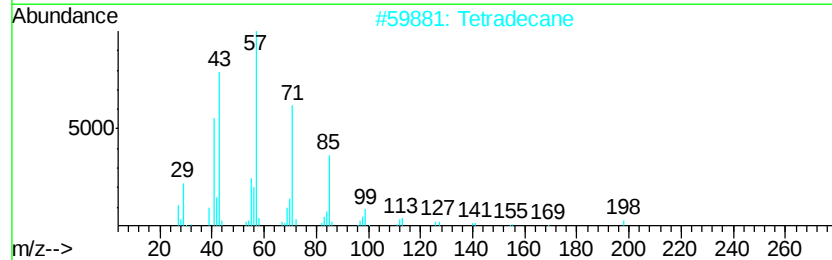
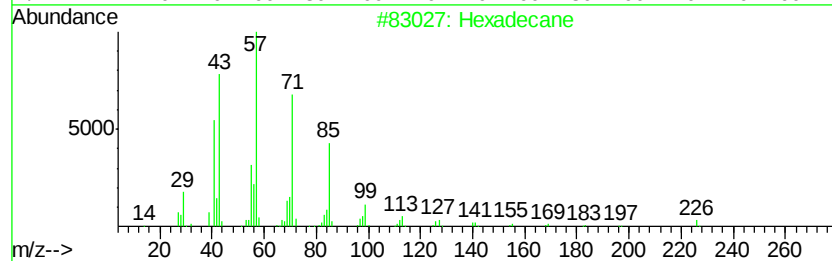
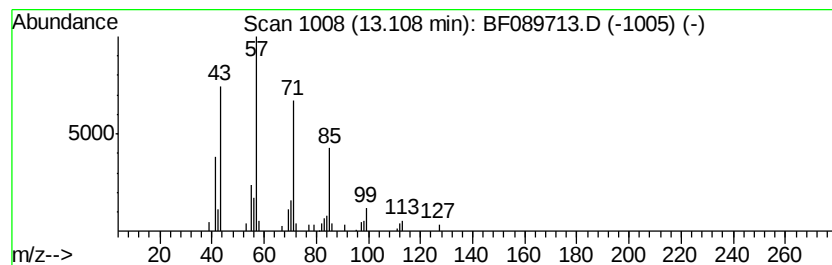
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	3.65 ng	69324	Acenaphthene-d10	12.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

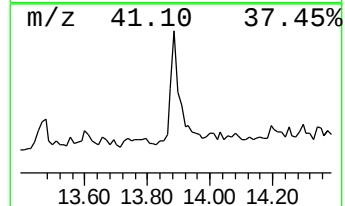
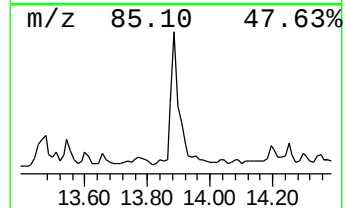
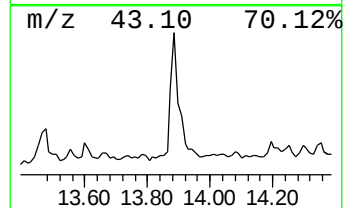
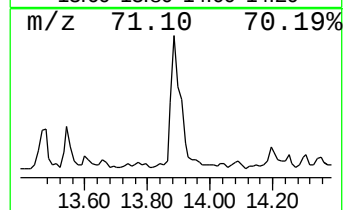
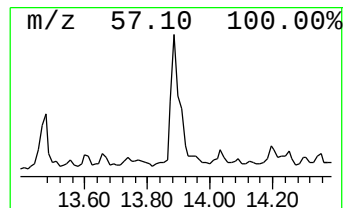
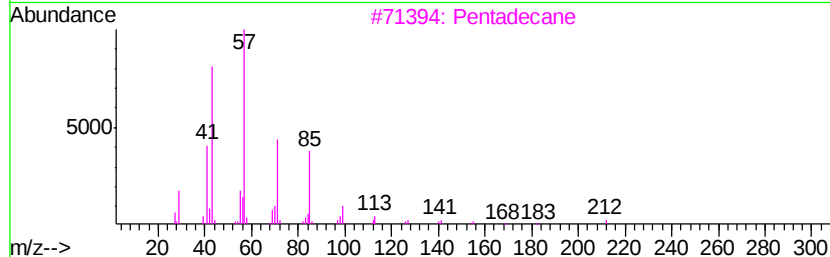
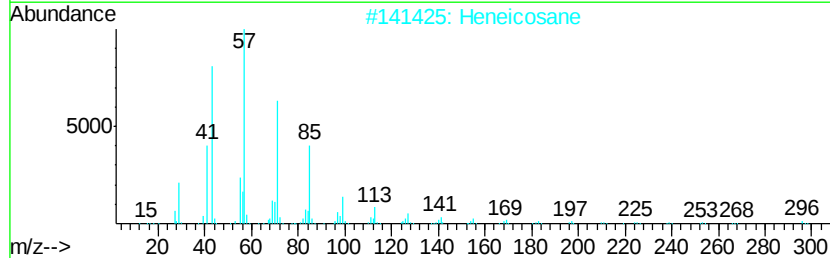
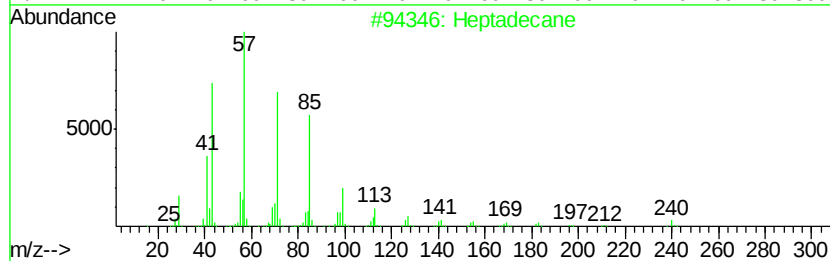
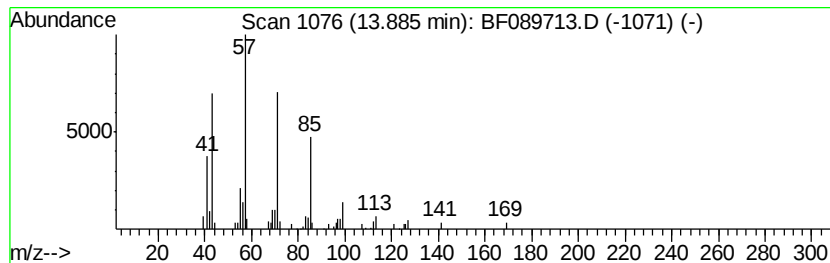
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.18 ng	129831	Phenanthrene-d10	14.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Pentadecane		212	C15H32	000629-62-9	90
4	Octadecane		254	C18H38	000593-45-3	90
5	Tetradecane		198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

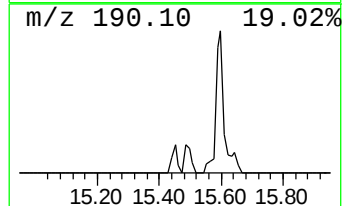
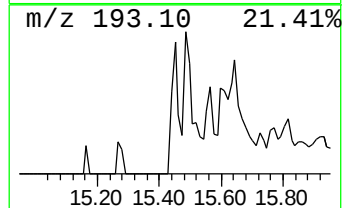
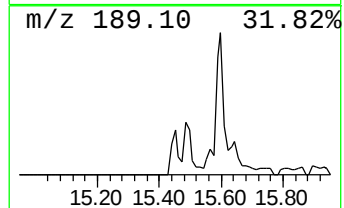
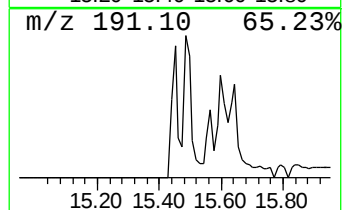
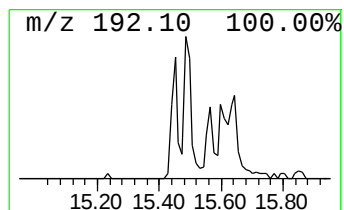
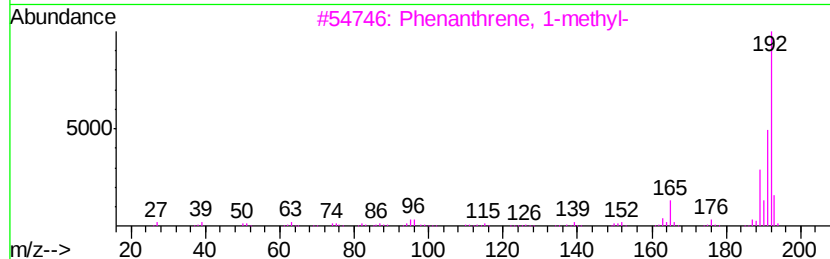
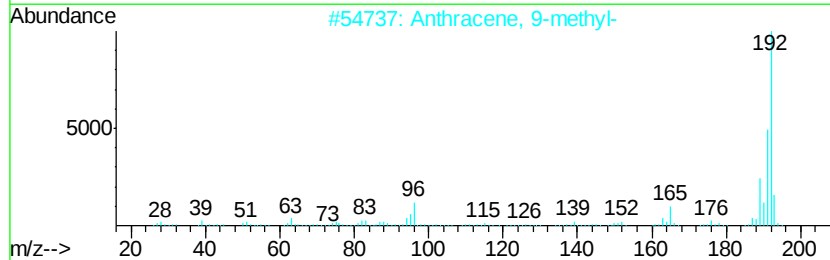
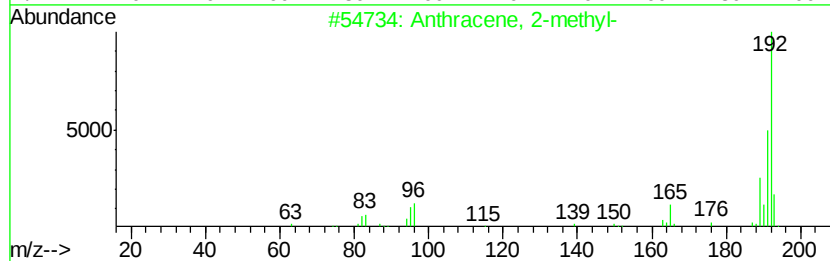
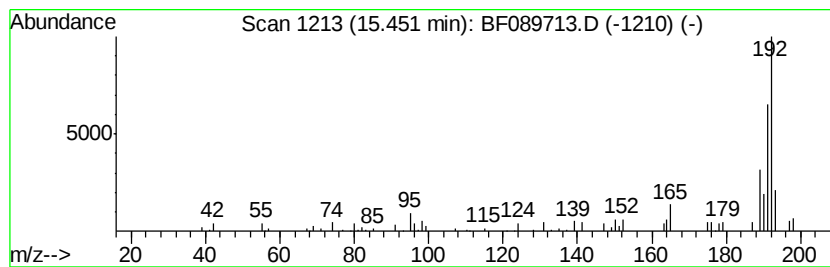
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.76 ng	43790	Phenanthrene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

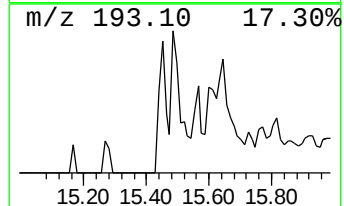
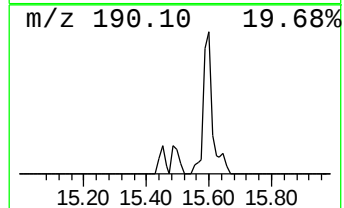
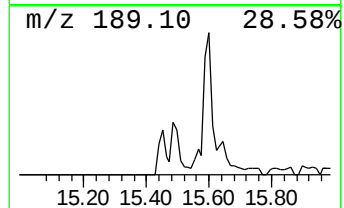
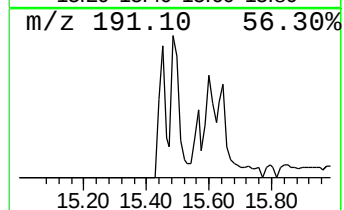
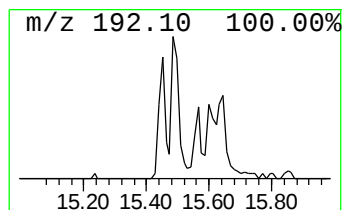
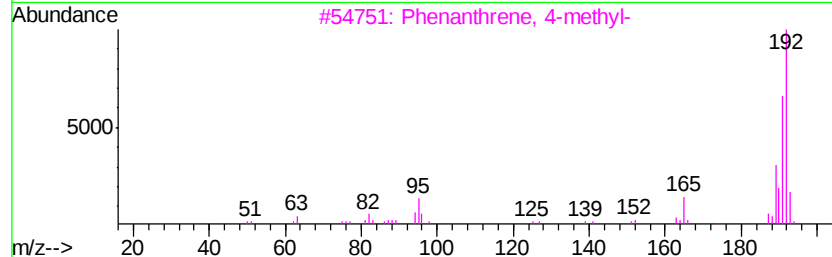
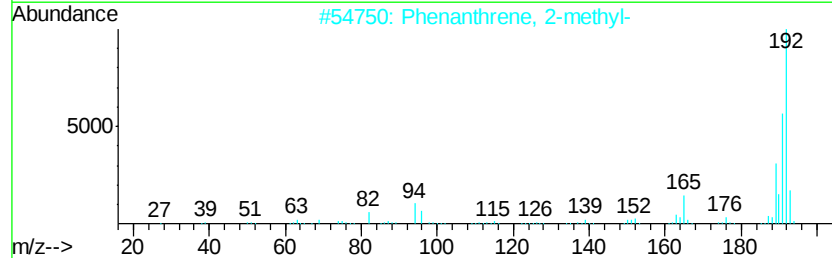
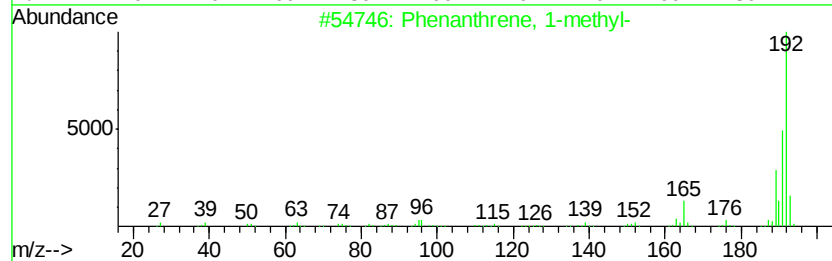
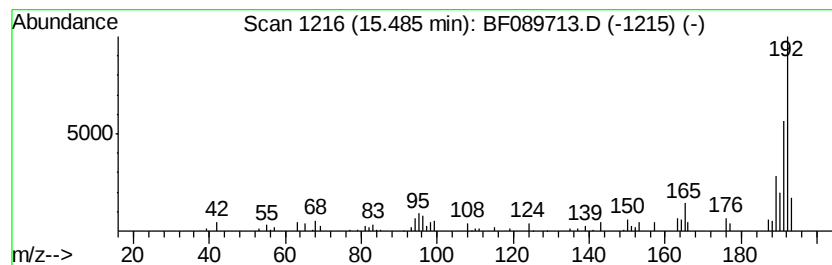
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.97 ng	47143	Phenanthrene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

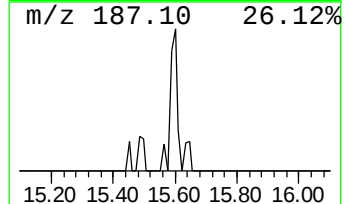
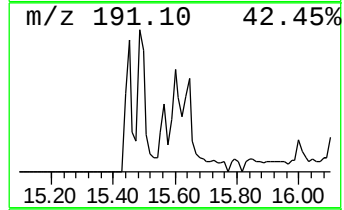
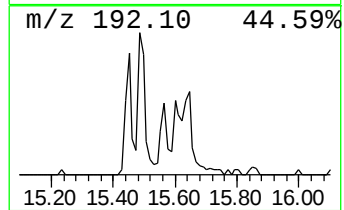
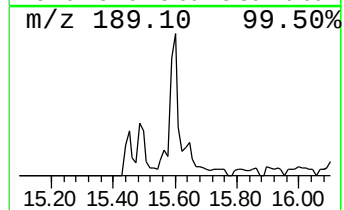
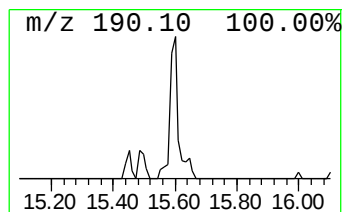
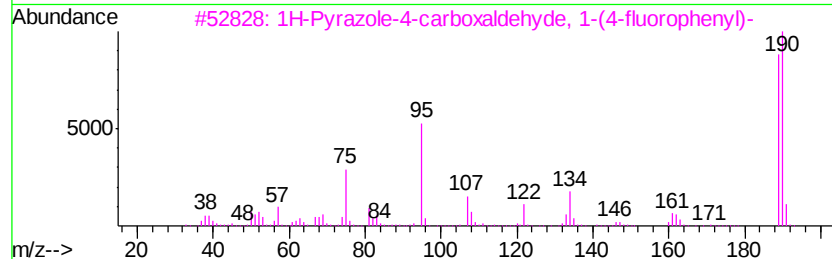
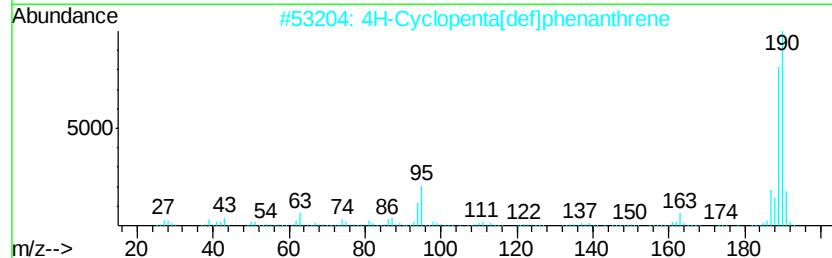
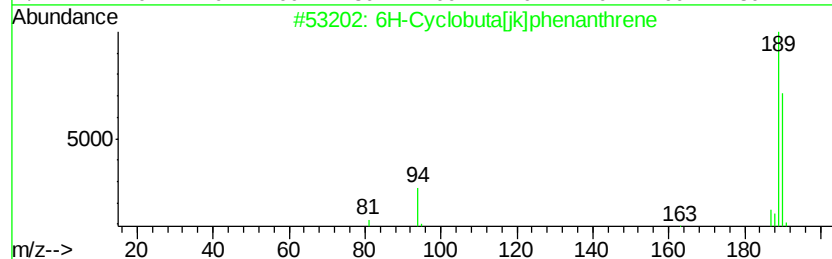
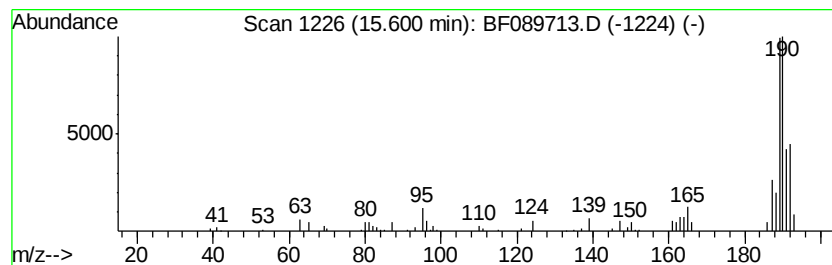
Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6H-Cyclobuta[jk]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.60	3.48 ng	55227	Phenanthrene-d10	14.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	43
4	3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	37
5	Dihydropyranno(3,2-g)chroman	190	C12H14O2	057052-79-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

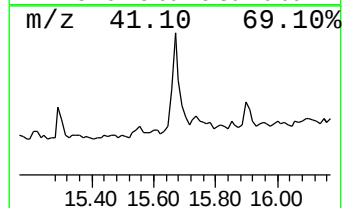
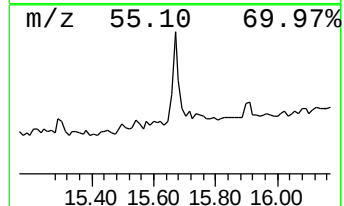
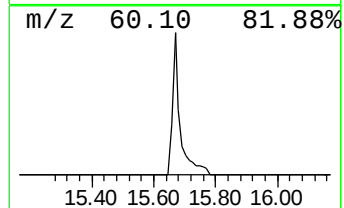
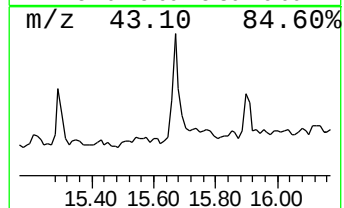
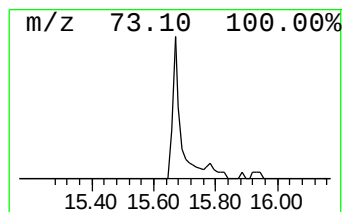
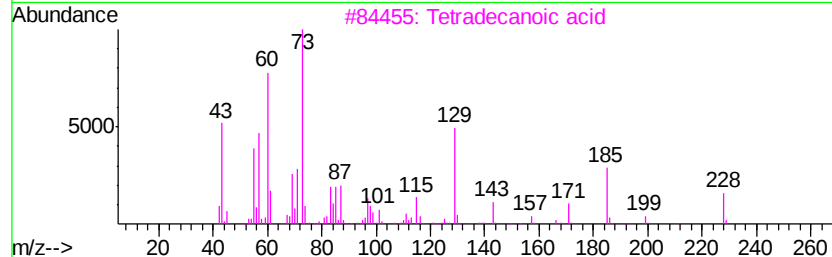
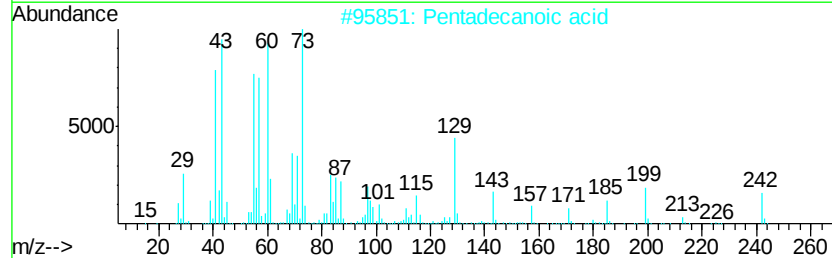
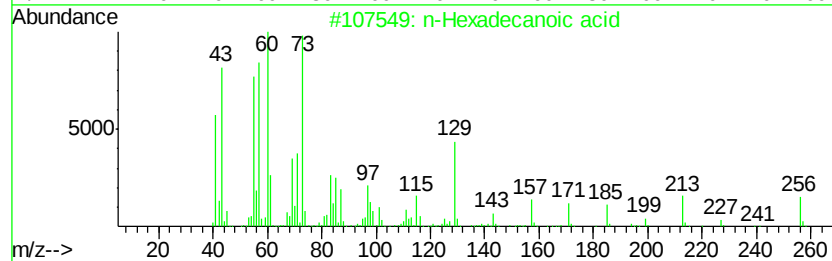
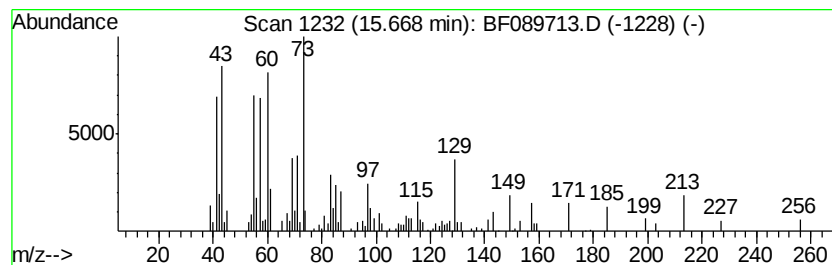
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.67	9.36 ng	148617	Phenanthrene-d10	14.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

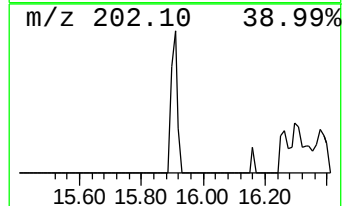
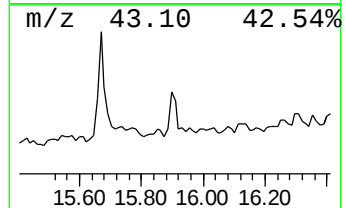
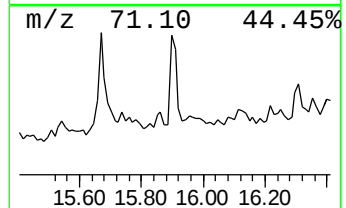
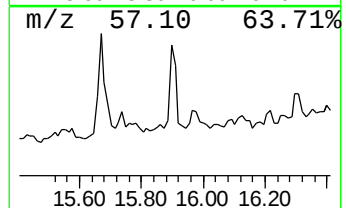
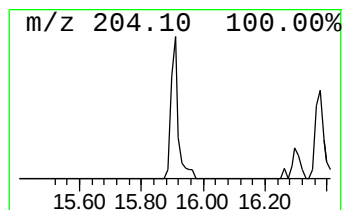
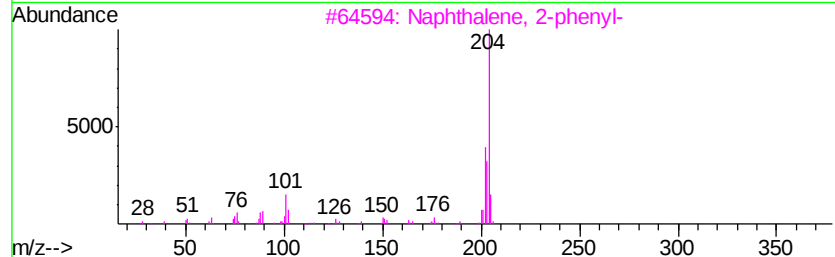
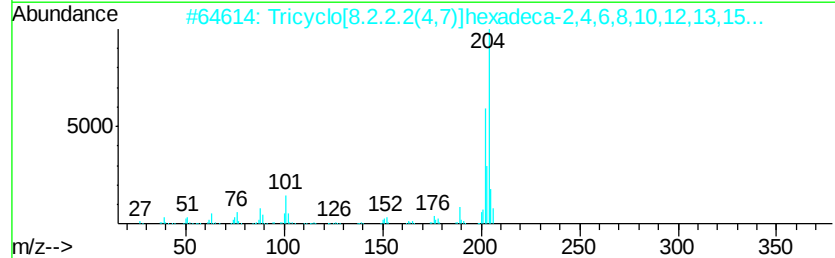
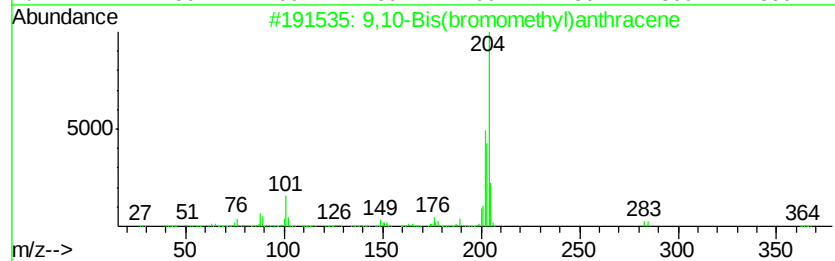
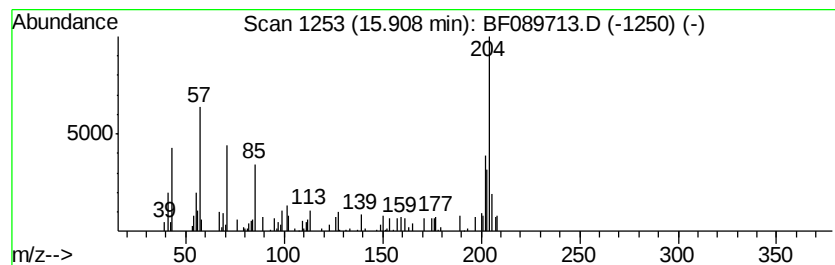
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Bis(bromomethyl)anthra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.01 ng	63700	Phenanthrene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

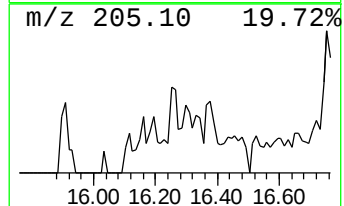
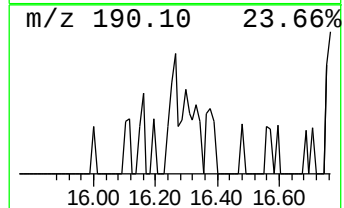
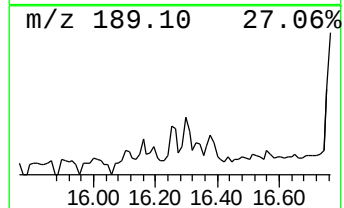
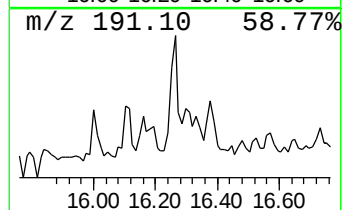
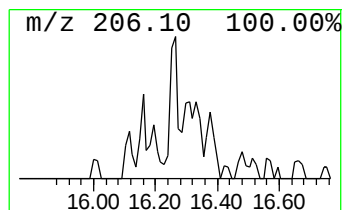
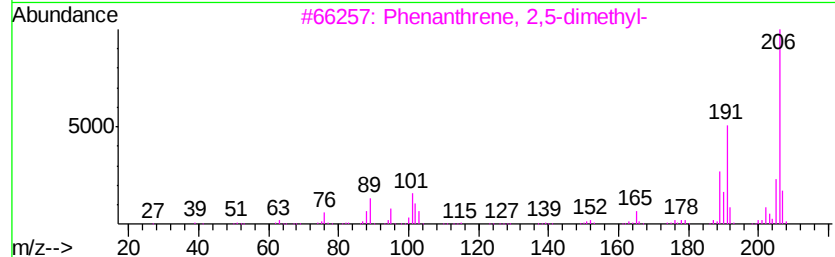
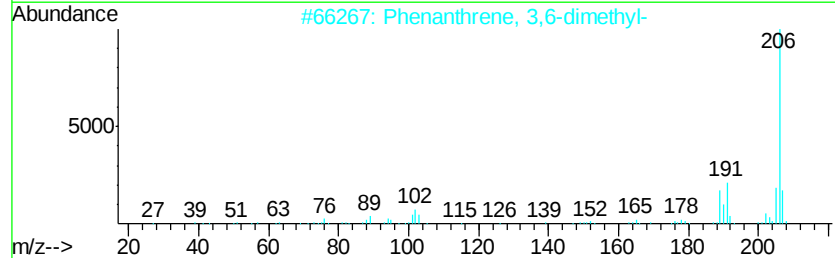
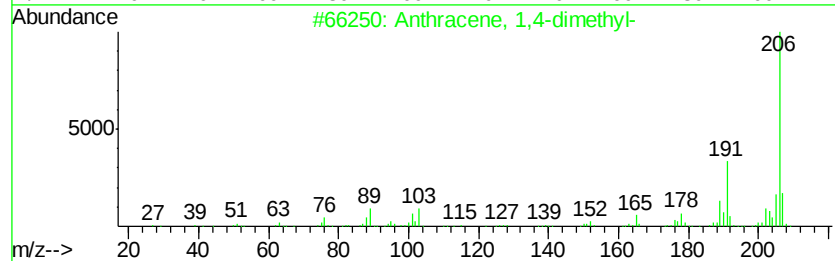
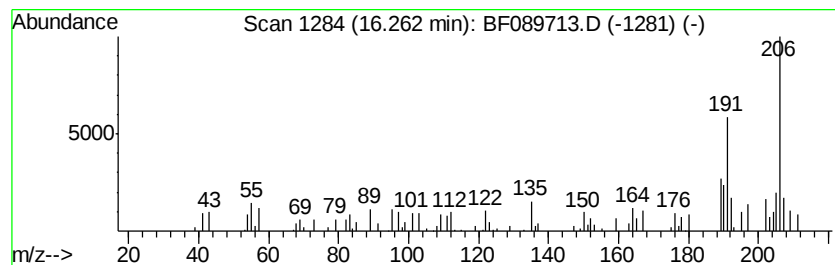
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.78 ng	44141	Phenanthrene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	76
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

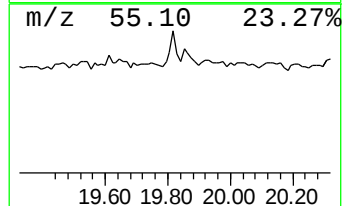
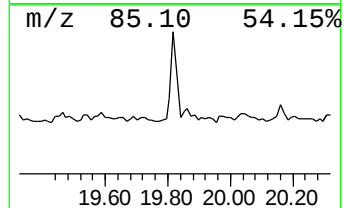
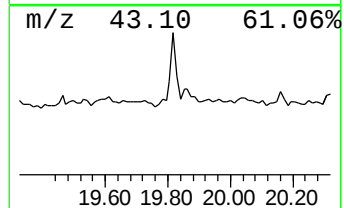
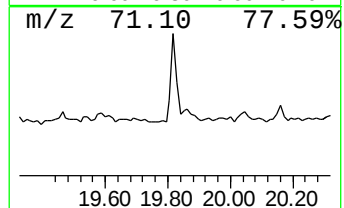
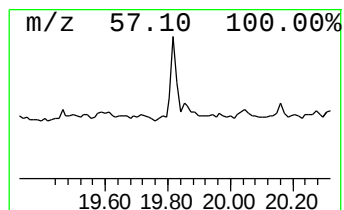
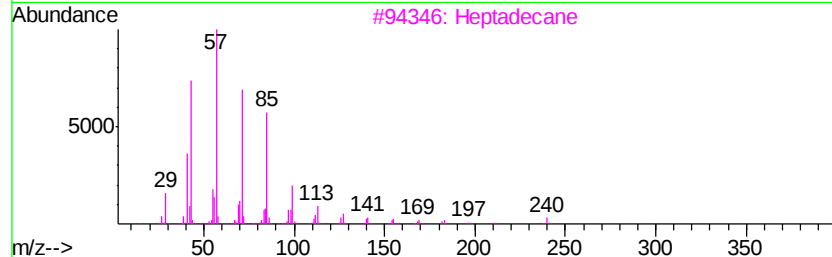
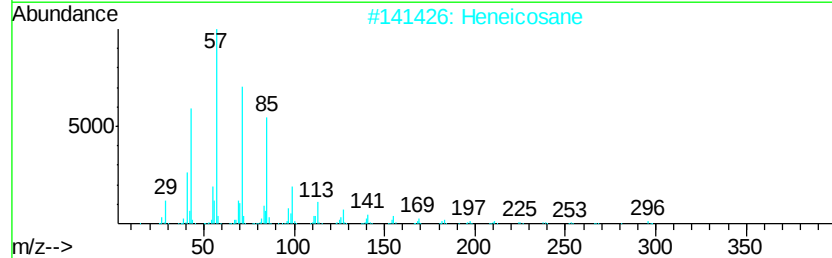
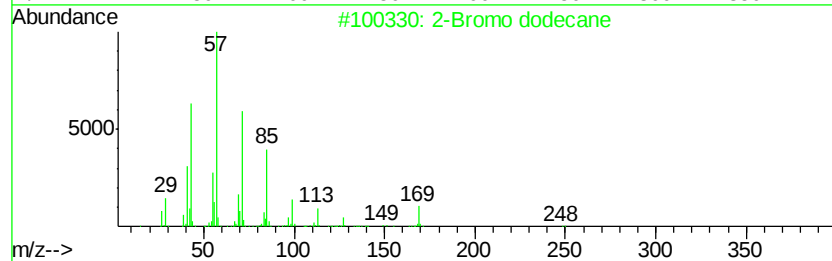
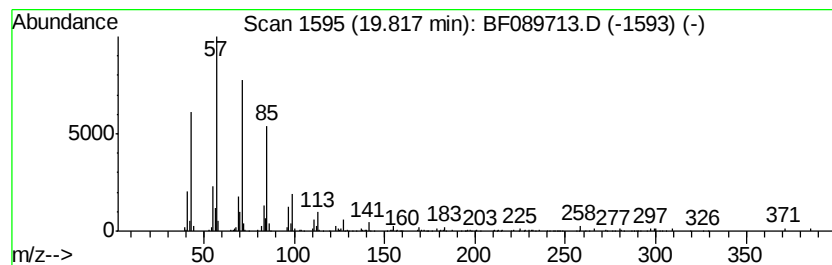
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	12.80 ng	184435	Perylene-d12	20.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089713.D
Acq On : 11 Aug 2016 00:21
Operator : UM/SJ
Sample : H4400-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3(0-6)

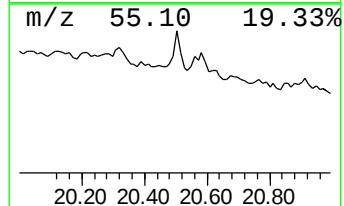
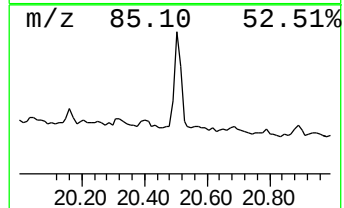
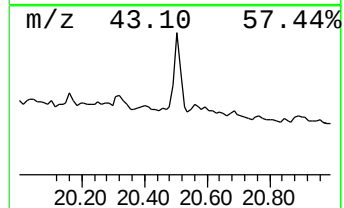
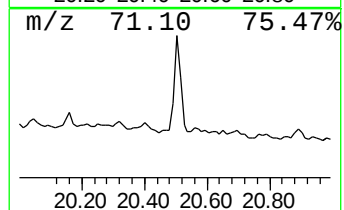
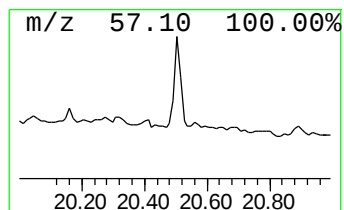
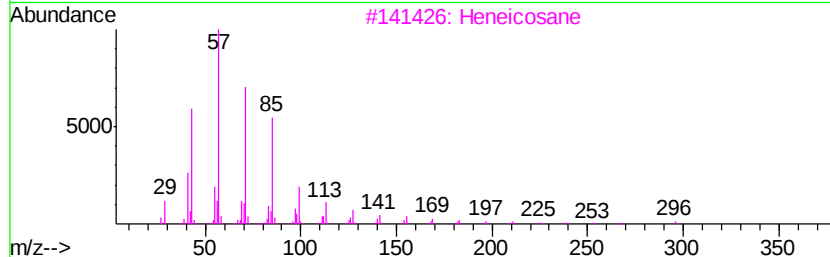
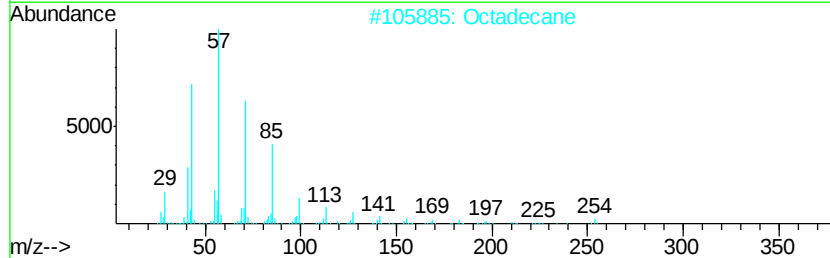
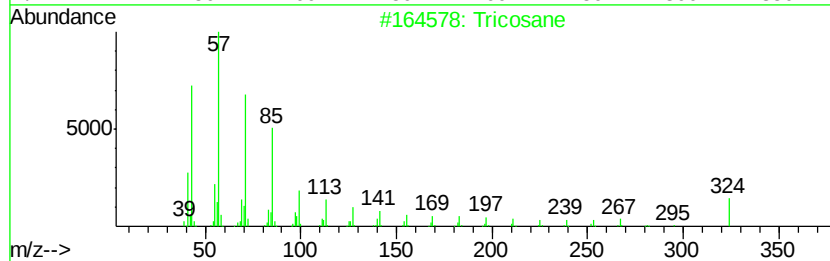
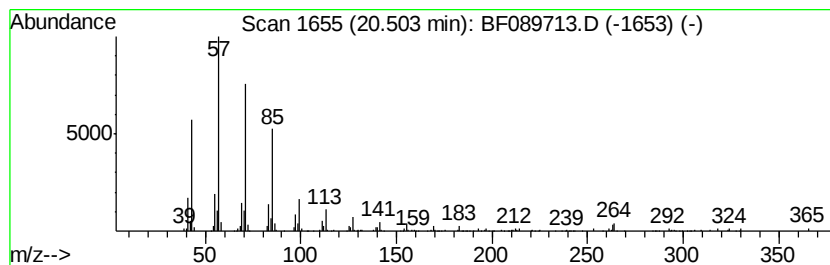
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tricosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	18.89 ng	272217	Perylene-d12	20.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089713.D
 Acq On : 11 Aug 2016 00:21
 Operator : UM/SJ
 Sample : H4400-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL3(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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...	4.60	22.8	ng	319756	1	7.40	280712	20.0
unknown7.06	7.06	95.4	ng	1339490	1	7.40	280712	20.0
Hexadecane	13.11	3.6	ng	69324	3	12.25	380189	20.0
Heptadecane	13.89	8.2	ng	129831	4	14.65	317398	20.0
Anthracene, 2-met...	15.45	2.8	ng	43790	4	14.65	317398	20.0
Phenanthrene, 1-m...	15.49	3.0	ng	47143	4	14.65	317398	20.0
6H-Cyclobuta[jk]p...	15.60	3.5	ng	55227	4	14.65	317398	20.0
n-Hexadecanoic acid	15.67	9.4	ng	148617	4	14.65	317398	20.0
9,10-Bis(bromomet...	15.91	4.0	ng	63700	4	14.65	317398	20.0
Anthracene, 1,4-d...	16.26	2.8	ng	44141	4	14.65	317398	20.0
2-Bromo dodecane	19.82	12.8	ng	184435	6	20.03	288268	20.0
Tricosane	20.50	18.9	ng	272217	6	20.03	288268	20.0