

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021788.D
 Acq On : 20 Apr 2016 17:03
 Operator : UM/SJ
 Sample : H2413-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2-C-3(0-2)

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_G\METHODS\8270-BG041316.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	3.095	39	44	62	rVB	1013765	1605683	100.00%	12.234%
2	3.366	85	90	98	rVB2	12651	20274	1.26%	0.154%
3	5.293	412	418	423	rBV	33773	54873	3.42%	0.418%
4	5.763	491	498	510	rBV	390255	670614	41.77%	5.109%
5	7.373	764	772	784	rBV	431388	763860	47.57%	5.820%
6	7.749	828	836	844	rBV	424730	742397	46.24%	5.656%
7	8.213	905	915	924	rBV	139909	248117	15.45%	1.890%
8	8.542	958	971	979	rBV	310589	552790	34.43%	4.212%
9	9.382	1106	1114	1126	rBV	261910	481347	29.98%	3.667%
10	11.033	1387	1395	1402	rBV	209645	379917	23.66%	2.895%
11	13.454	1799	1807	1815	rVB	641582	1002703	62.45%	7.640%
12	14.265	1940	1945	1952	rVB	80225	119852	7.46%	0.913%
13	14.829	2032	2041	2047	rBV2	302292	496429	30.92%	3.782%
14	14.888	2047	2051	2059	rVB	22894	35953	2.24%	0.274%
15	15.217	2099	2107	2115	rBV2	12066	25591	1.59%	0.195%
16	15.634	2175	2178	2184	rVB	13282	18945	1.18%	0.144%
17	15.869	2212	2218	2223	rBV	22602	40140	2.50%	0.306%
18	16.309	2286	2293	2302	rBV	445087	707050	44.03%	5.387%
19	16.497	2320	2325	2328	rBV2	15746	23277	1.45%	0.177%
20	17.214	2439	2447	2450	rBV2	14316	32113	2.00%	0.245%
21	17.285	2455	2459	2466	rBV2	15948	27397	1.71%	0.209%
22	17.379	2472	2475	2480	rVB	13830	20165	1.26%	0.154%
23	17.561	2500	2506	2510	rBV	369150	558249	34.77%	4.253%
24	17.602	2510	2513	2520	rVV	211003	318809	19.86%	2.429%
25	17.696	2524	2529	2534	rVV	37470	62296	3.88%	0.475%
26	17.907	2560	2565	2570	rBV	93816	137079	8.54%	1.044%
27	17.960	2571	2574	2579	rVV	27209	41869	2.61%	0.319%
28	18.430	2650	2654	2658	rBV	31706	48988	3.05%	0.373%
29	18.477	2658	2662	2667	rVB	39440	60334	3.76%	0.460%
30	18.560	2672	2676	2682	rBV3	16675	28670	1.79%	0.218%
31	18.630	2682	2688	2691	rBV3	52058	101844	6.34%	0.776%
32	18.918	2735	2737	2741	rVB	19113	21548	1.34%	0.164%
33	18.959	2741	2744	2750	rVB2	33327	51043	3.18%	0.389%
34	19.265	2791	2796	2801	rBV	188924	268599	16.73%	2.046%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

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_G\METHODS\8270-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.329	2804	2807	2812	rVV2	35753	55757	3.47%	0.425%
36	19.600	2848	2853	2859	rVB	379221	540004	33.63%	4.114%
37	19.958	2910	2914	2921	rVB	339614	507319	31.60%	3.865%
38	20.146	2941	2946	2951	rVB	843508	1101881	68.62%	8.395%
39	20.540	3011	3013	3017	rVB	44411	47107	2.93%	0.359%
40	21.439	3163	3166	3173	rVB3	105173	155089	9.66%	1.182%
41	21.838	3226	3234	3239	rBV2	404931	949196	59.11%	7.232%

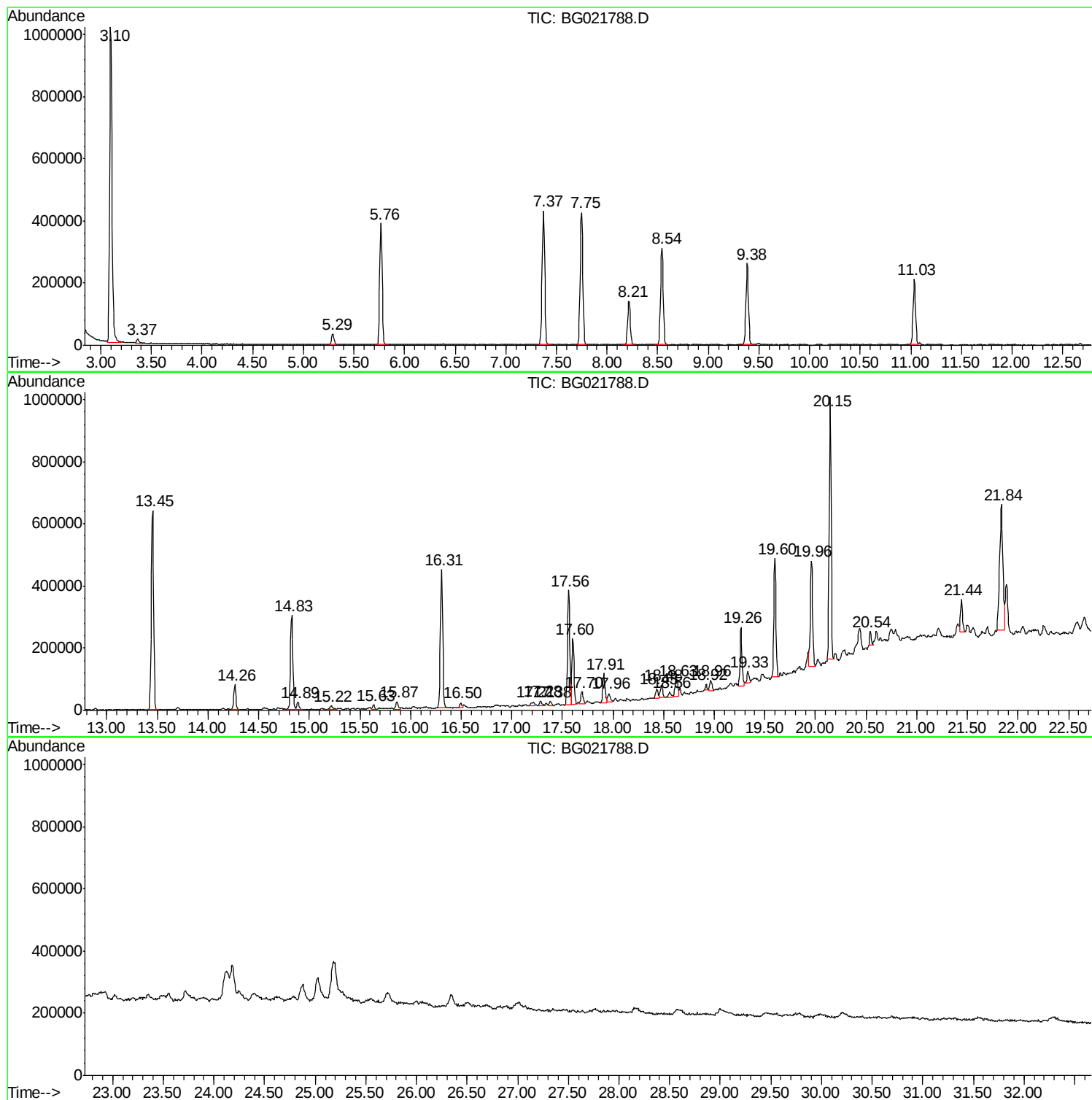
Sum of corrected areas: 13125168

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

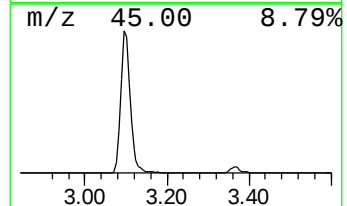
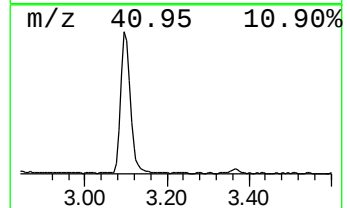
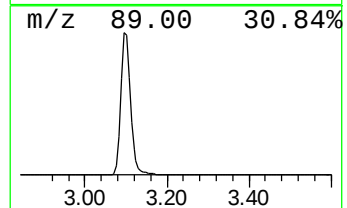
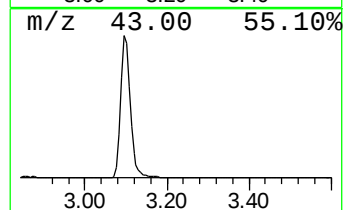
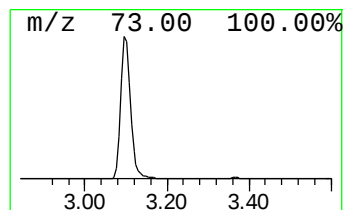
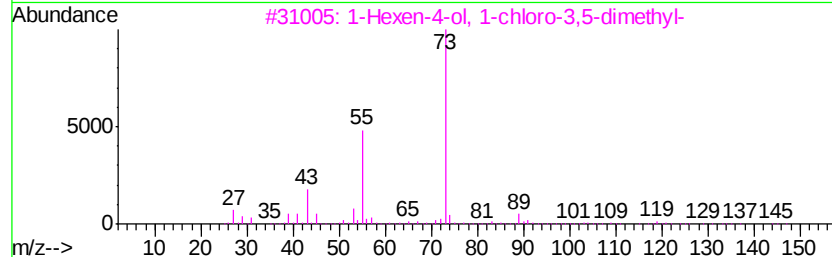
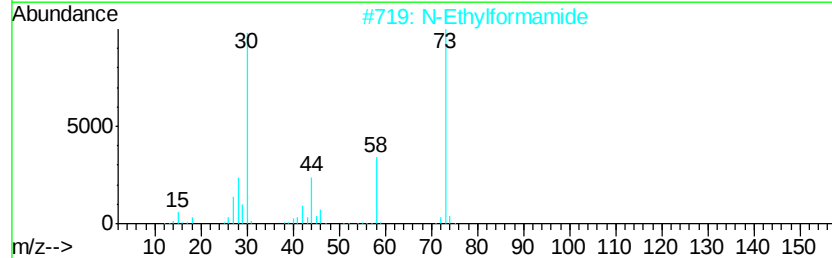
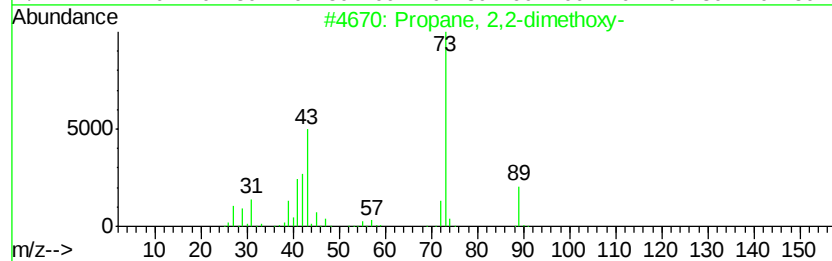
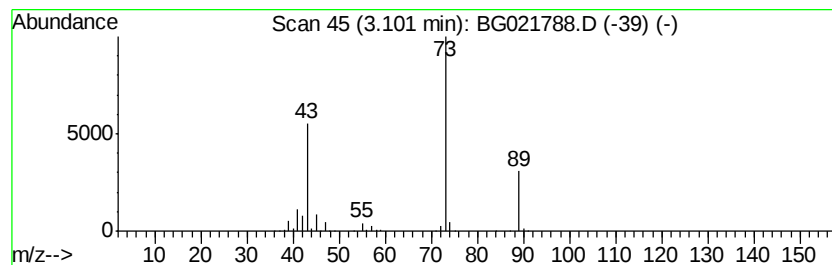
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	129.43 ng	1605680	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

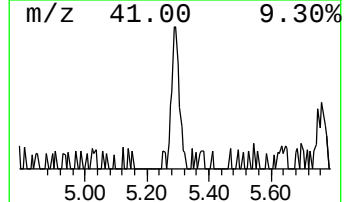
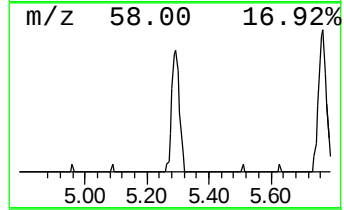
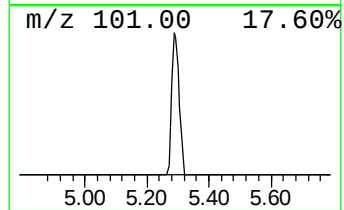
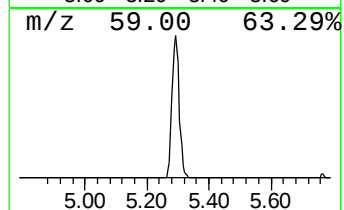
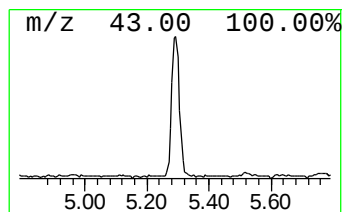
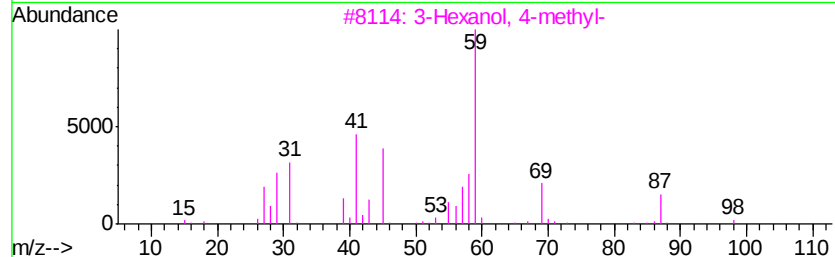
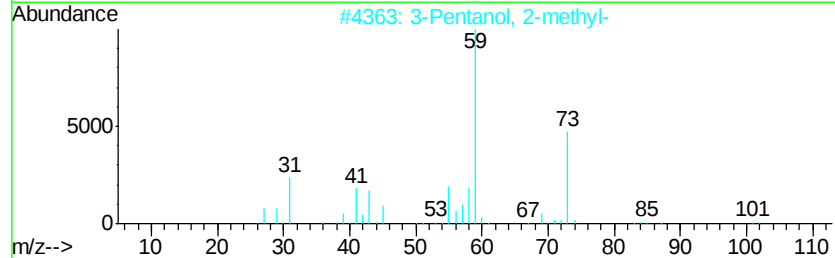
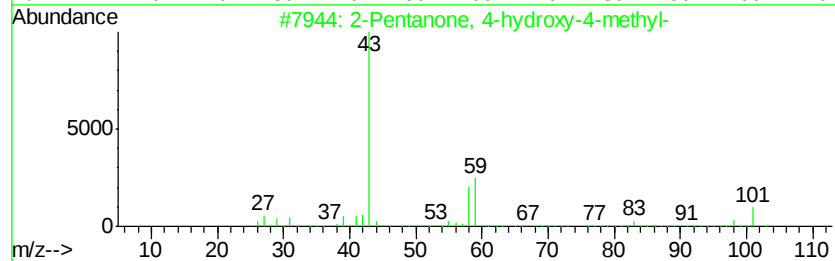
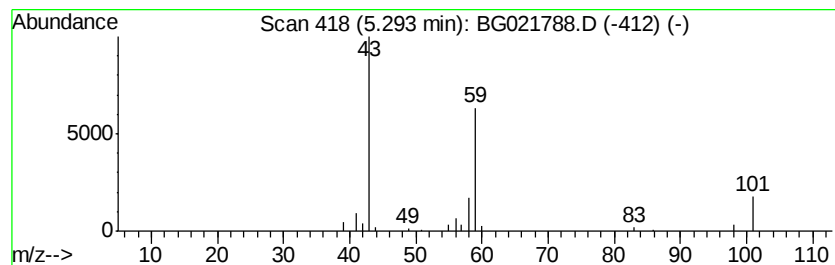
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.42 ng	54873	1,4-Dichlorobenzene-d4	8.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5			2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

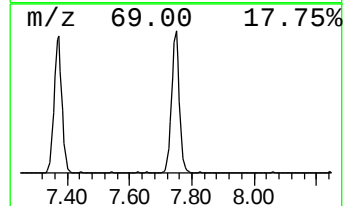
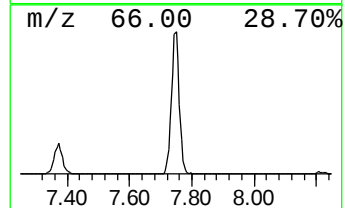
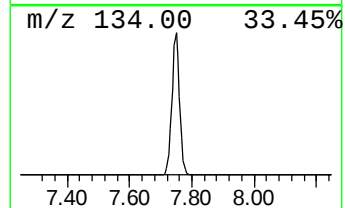
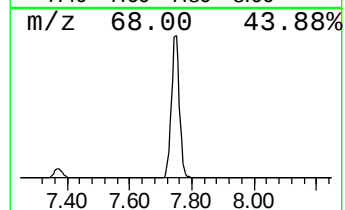
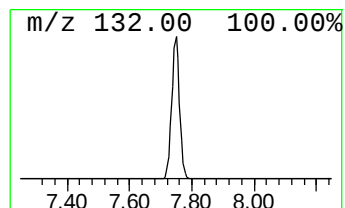
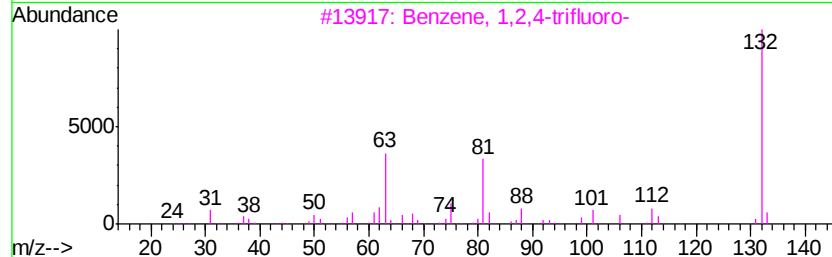
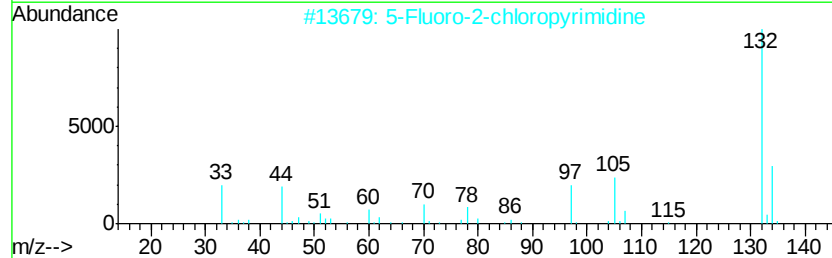
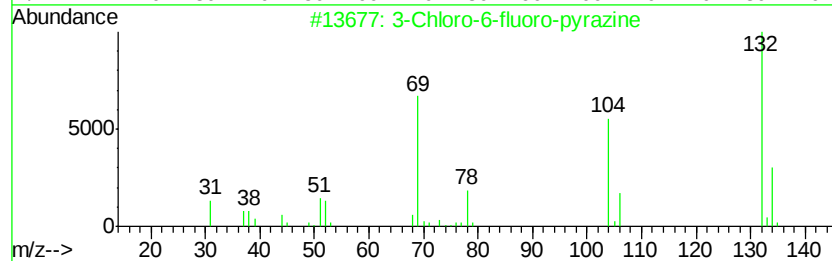
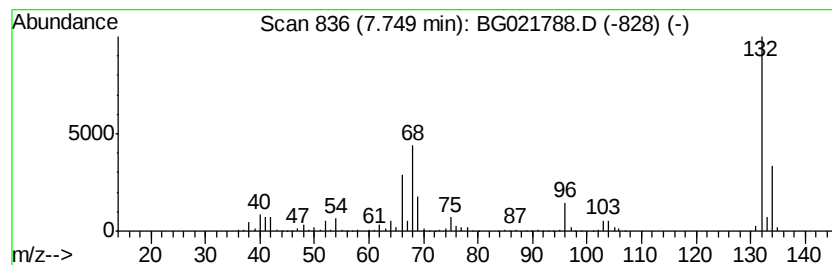
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	59.84 ng	742397	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

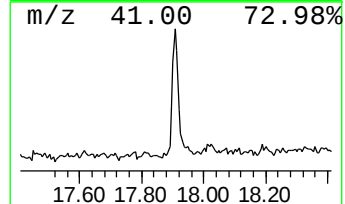
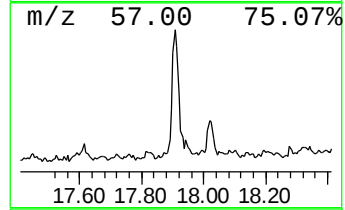
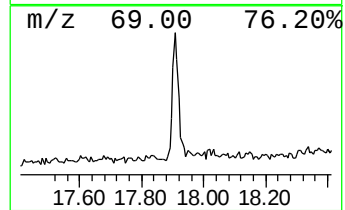
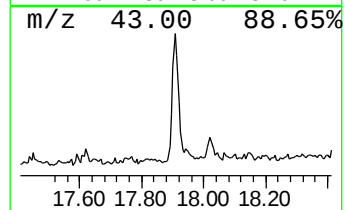
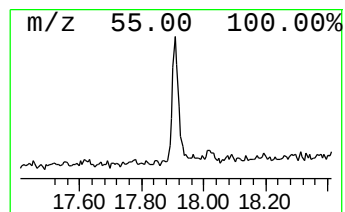
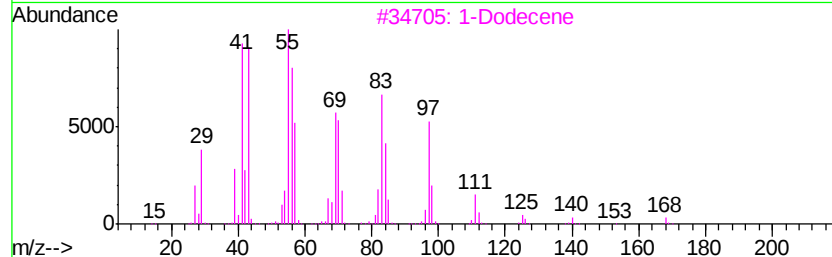
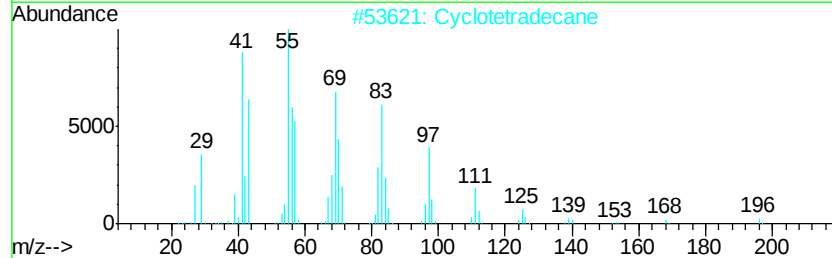
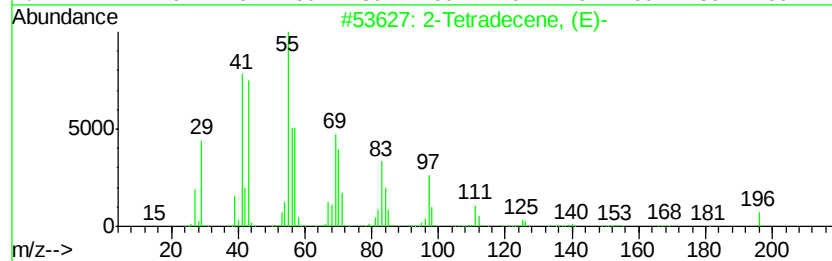
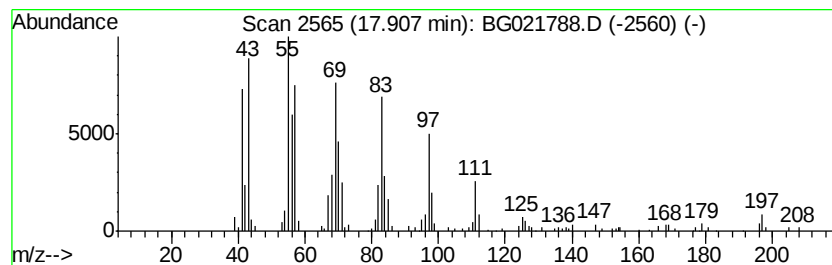
Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Tetradecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.91	4.91 ng	137079	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	1-Dodecene	168	C12H24	000112-41-4	93
4	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	93
5	1-Pentadecanol	228	C15H32O	000629-76-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

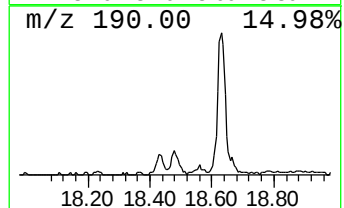
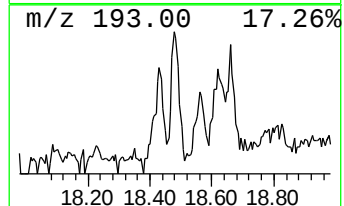
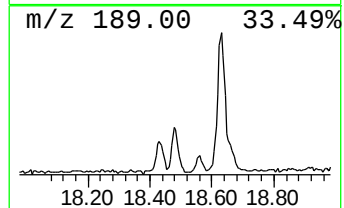
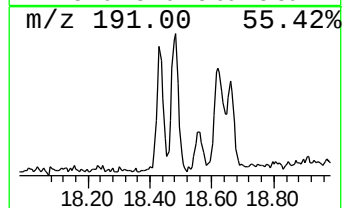
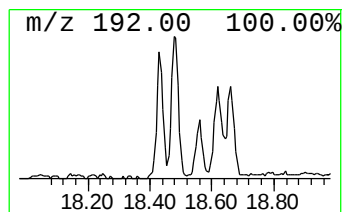
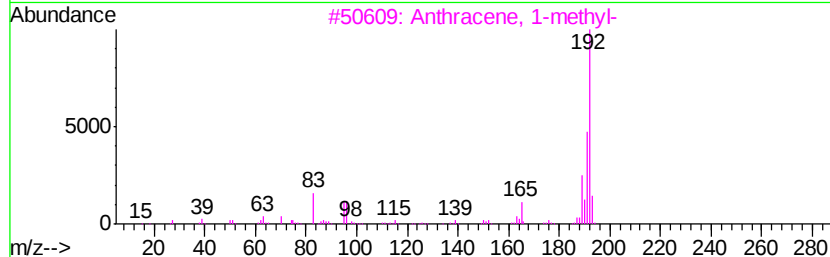
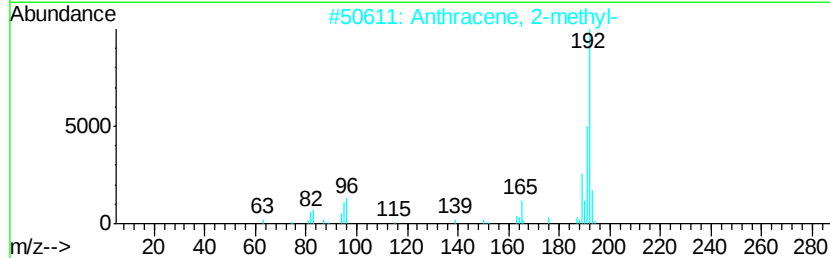
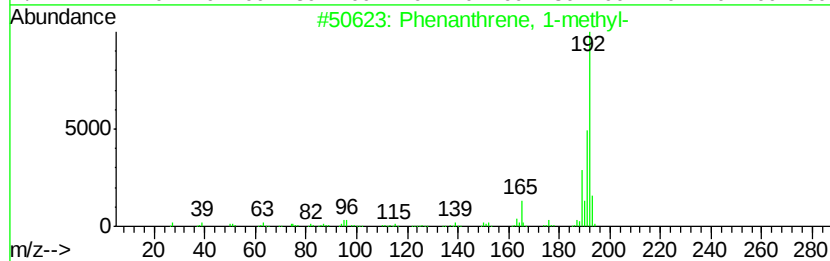
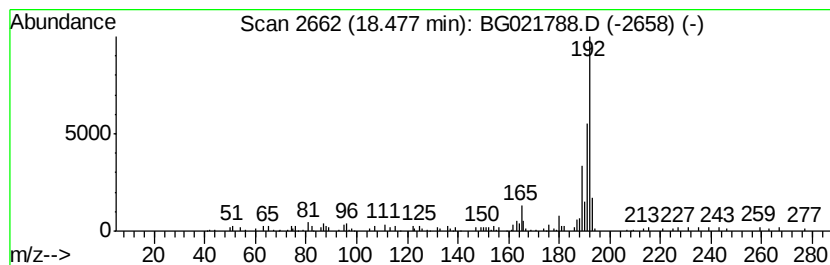
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.16 ng	60334	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

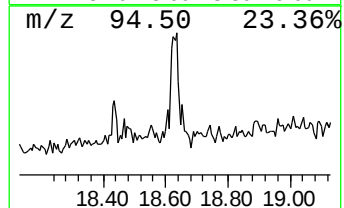
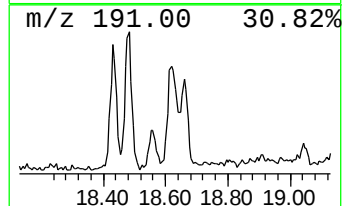
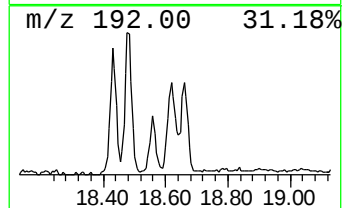
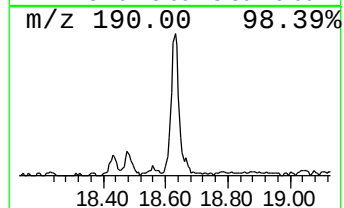
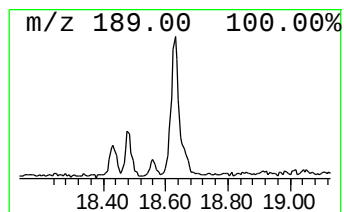
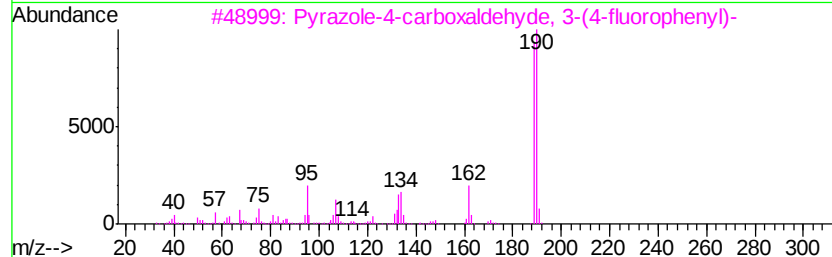
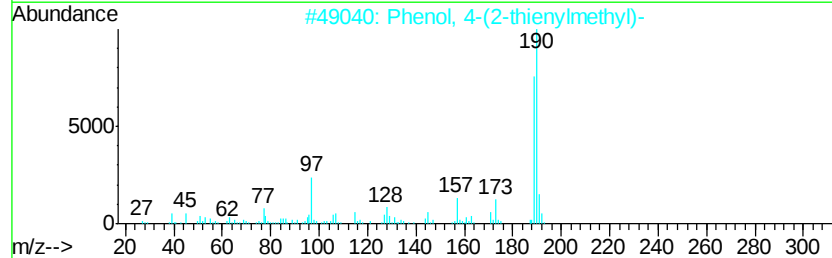
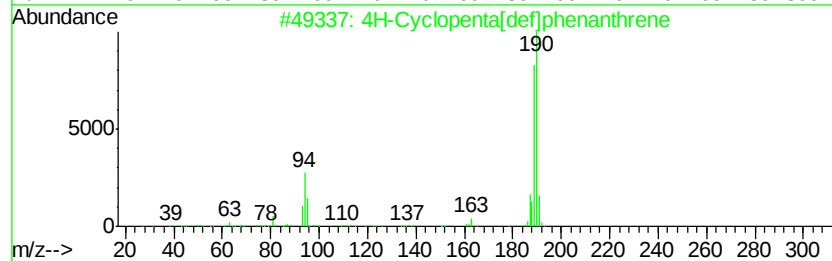
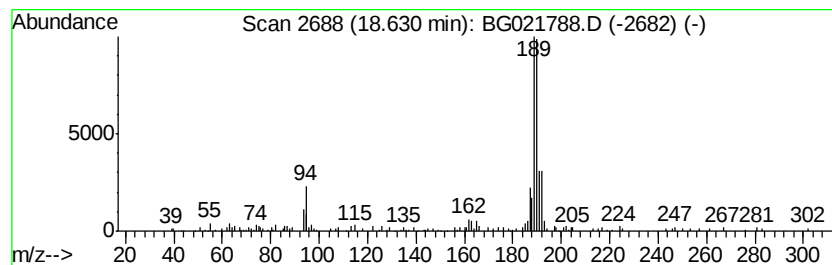
Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.63	3.65 ng	101844	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	40
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

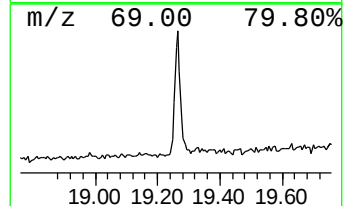
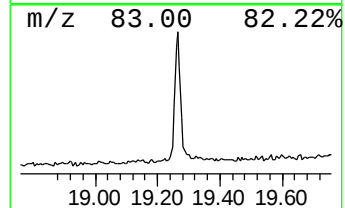
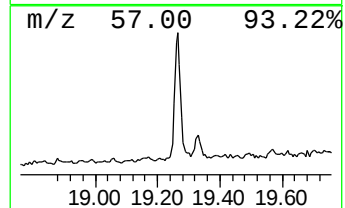
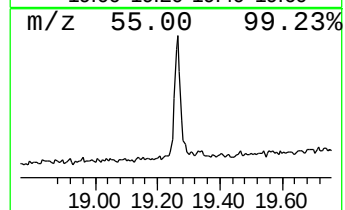
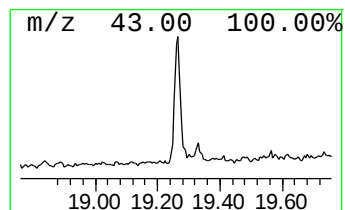
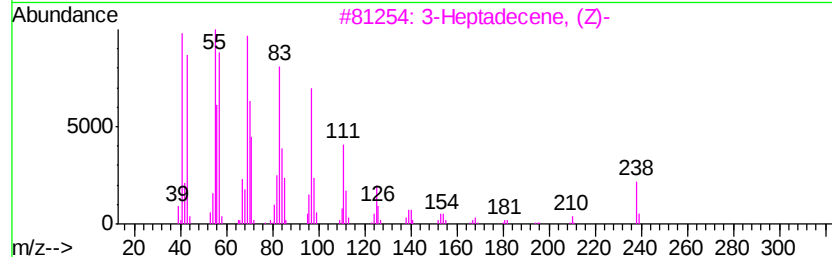
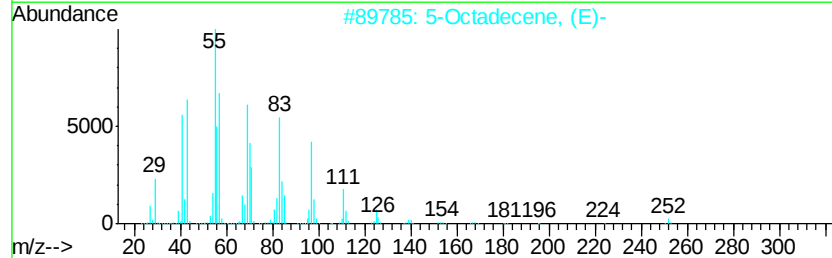
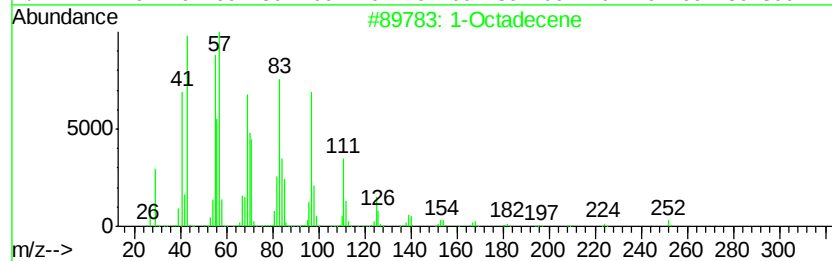
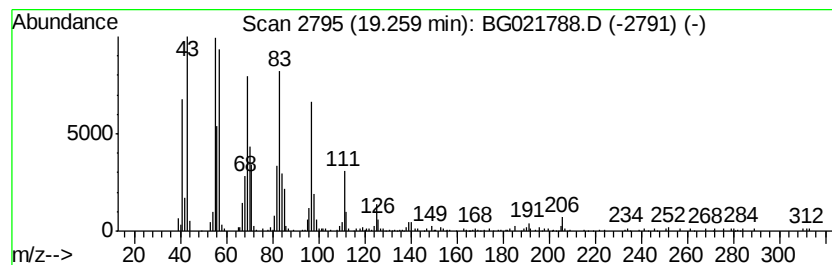
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	9.62 ng	268599	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	98
2	5-Octadecene, (E)-		252	C18H36	007206-21-5	98
3	3-Heptadecene, (Z)-		238	C17H34	1000141-67-3	96
4	Bromoacetic acid, pentadecyl ester		348	C17H33BrO2	131143-01-6	94
5	1-Hexadecanol		242	C16H34O	036653-82-4	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

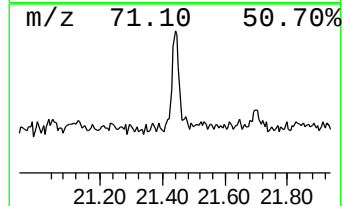
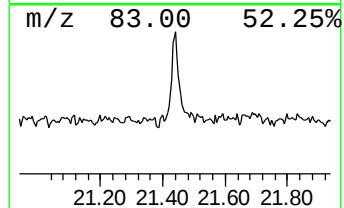
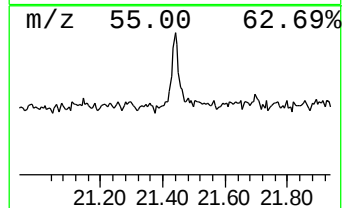
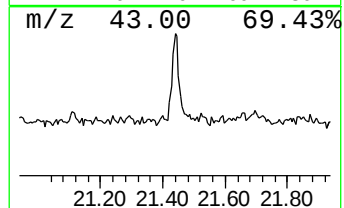
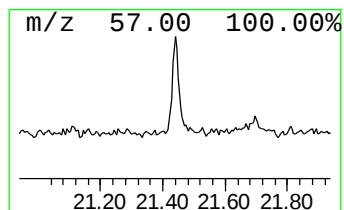
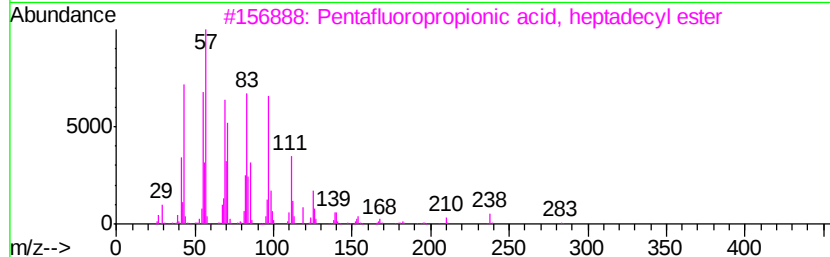
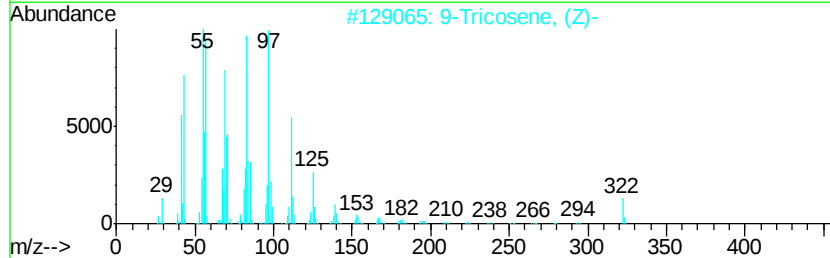
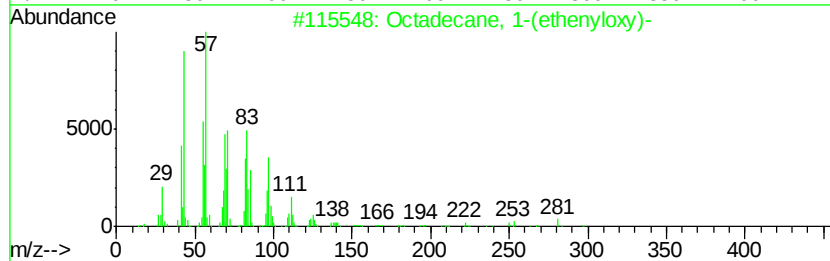
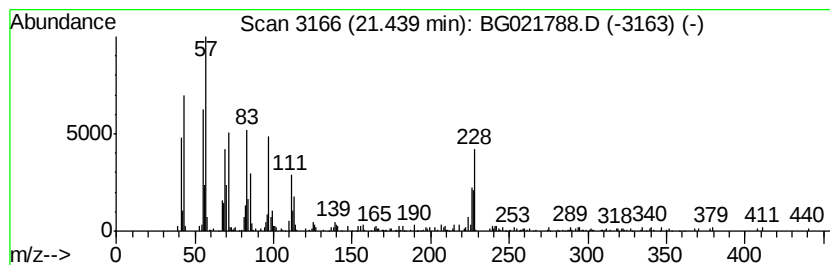
Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecane, 1-(ethenyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.44	3.27 ng	155089	Chrysene-d12	21.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	64
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	52
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	50
4	1-Heptacosanol	396	C27H56O	002004-39-9	50
5	1-Docosene	308	C22H44	001599-67-3	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042116\
Data File : BG021788.D
Acq On : 20 Apr 2016 17:03
Operator : UM/SJ
Sample : H2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-C-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	3.10	129.4	ng	1605680	1	8.22	248117	20.0
2-Pentanone, 4-hy...	5.29	4.4	ng	54873	1	8.22	248117	20.0
unknown7.75	7.75	59.8	ng	742397	1	8.22	248117	20.0
2-Tetradecene, (E)-	17.91	4.9	ng	137079	4	17.56	558249	20.0
Phenanthrene, 1-m...	18.48	2.2	ng	60334	4	17.56	558249	20.0
4H-Cyclopenta[def...	18.63	3.6	ng	101844	4	17.56	558249	20.0
1-Octadecene	19.26	9.6	ng	268599	4	17.56	558249	20.0
Octadecane, 1-(et...	21.44	3.3	ng	155089	5	21.84	949196	20.0