

Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
 Data File : BG020955.D
 Acq On : 19 Feb 2016 3:40
 Operator : SJ/UM
 Sample : H1444-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BT005

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-BG021116.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	3.090	38	43	62	rVB	883889	1218273	69.39%	6.758%
2	3.242	64	69	78	rVV	21749	41584	2.37%	0.231%
3	5.316	414	422	431	rBV	72820	111844	6.37%	0.620%
4	5.792	495	503	515	rVB	427781	665914	37.93%	3.694%
5	7.407	769	778	786	rBV	461036	795324	45.30%	4.412%
6	7.789	835	843	860	rVB	480682	816876	46.53%	4.532%
7	8.259	916	923	930	rVB	60909	103014	5.87%	0.571%
8	8.588	970	979	988	rBV	335467	584519	33.29%	3.243%
9	9.428	1114	1122	1132	rBV	274651	494825	28.18%	2.745%
10	11.085	1397	1404	1409	rBV	110981	195416	11.13%	1.084%
11	13.499	1807	1815	1824	rBV	960427	1430241	81.47%	7.934%
12	14.310	1947	1953	1960	rBV	121359	171660	9.78%	0.952%
13	14.739	2021	2026	2031	rVB	23215	29413	1.68%	0.163%
14	14.874	2035	2049	2055	rVV2	189049	315815	17.99%	1.752%
15	14.932	2055	2059	2066	rVB2	30381	46965	2.68%	0.261%
16	15.261	2107	2115	2124	rVV2	18299	37665	2.15%	0.209%
17	15.684	2183	2187	2191	rVB	38125	45384	2.59%	0.252%
18	15.908	2218	2225	2232	rBV	35082	53805	3.06%	0.298%
19	16.072	2249	2253	2259	rBV4	12453	23555	1.34%	0.131%
20	16.348	2294	2300	2309	rVB2	671972	1002658	57.11%	5.562%
21	16.542	2328	2333	2336	rBV	36471	46334	2.64%	0.257%
22	16.906	2384	2395	2400	rBV6	13728	35936	2.05%	0.199%
23	17.259	2448	2455	2461	rVB	14212	23496	1.34%	0.130%
24	17.329	2461	2467	2475	rBV4	23168	46631	2.66%	0.259%
25	17.423	2479	2483	2492	rVB	21175	32432	1.85%	0.180%
26	17.605	2508	2514	2517	rBV	220868	326068	18.57%	1.809%
27	17.646	2517	2521	2528	rVV	397388	598056	34.06%	3.318%
28	17.740	2528	2537	2542	rVV	83055	128443	7.32%	0.713%
29	17.999	2575	2581	2589	rBV2	22808	40478	2.31%	0.225%
30	18.181	2607	2612	2617	rBV	11411	17603	1.00%	0.098%
31	18.475	2653	2662	2666	rBV	71546	110784	6.31%	0.615%
32	18.522	2666	2670	2677	rVB	94701	136495	7.77%	0.757%
33	18.604	2677	2684	2689	rBV	35477	52831	3.01%	0.293%
34	18.669	2689	2695	2699	rVV2	83037	177716	10.12%	0.986%

Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
 Data File : BG020955.D
 Acq On : 19 Feb 2016 3:40
 Operator : SJ/UM
 Sample : H1444-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BT005

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-BG021116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.704	2699	2701	2706	rVB2	51096	58767	3.35%	0.326%
36	18.962	2739	2745	2749	rBV	44481	62702	3.57%	0.348%
37	19.003	2749	2752	2759	rVB3	21807	32621	1.86%	0.181%
38	19.203	2783	2786	2791	rVB2	20296	27845	1.59%	0.154%
39	19.256	2791	2795	2798	rBV	16221	19086	1.09%	0.106%
40	19.373	2808	2815	2820	rBV	52293	88464	5.04%	0.491%
41	19.432	2820	2825	2829	rBV6	17144	38043	2.17%	0.211%
42	19.514	2834	2839	2847	rBV3	28510	58925	3.36%	0.327%
43	19.638	2854	2860	2866	rBV	518877	729104	41.53%	4.045%
44	19.732	2872	2876	2880	rVB2	17947	23970	1.37%	0.133%
45	19.873	2895	2900	2909	rBV4	22398	48098	2.74%	0.267%
46	19.967	2909	2916	2917	rBV	81389	116234	6.62%	0.645%
47	19.996	2917	2921	2929	rVV	458653	695093	39.59%	3.856%
48	20.061	2929	2932	2938	rVB3	29425	44106	2.51%	0.245%
49	20.190	2938	2954	2958	rBV	1311442	1755639	100.00%	9.739%
50	20.231	2958	2961	2965	rVB2	24627	33190	1.89%	0.184%
51	20.325	2970	2977	2982	rVV3	35204	80814	4.60%	0.448%
52	20.384	2982	2987	2991	rVV2	29050	41941	2.39%	0.233%
53	20.478	2992	3003	3008	rVB	64984	153111	8.72%	0.849%
54	20.578	3013	3020	3024	rBV2	48559	79550	4.53%	0.441%
55	20.642	3024	3031	3034	rVV2	53930	99780	5.68%	0.554%
56	20.678	3034	3037	3040	rVV2	23034	31197	1.78%	0.173%
57	20.719	3040	3044	3048	rVV7	12990	21989	1.25%	0.122%
58	20.777	3050	3054	3059	rVV	37711	56636	3.23%	0.314%
59	20.824	3059	3062	3072	rVB	37314	63532	3.62%	0.352%
60	21.253	3130	3135	3141	rVB	41052	72460	4.13%	0.402%
61	21.447	3159	3168	3171	rBV4	40482	89306	5.09%	0.495%
62	21.488	3171	3175	3180	rVV	48385	84954	4.84%	0.471%
63	21.547	3180	3185	3189	rVV2	33423	66373	3.78%	0.368%
64	21.600	3189	3194	3201	rVB2	33134	61501	3.50%	0.341%
65	21.741	3214	3218	3224	rVB3	18095	28045	1.60%	0.156%
66	21.870	3227	3240	3247	rBV2	294480	838550	47.76%	4.652%
67	21.929	3247	3250	3264	rVB	184834	317800	18.10%	1.763%
68	22.087	3273	3277	3283	rVB	26920	44786	2.55%	0.248%
69	22.305	3308	3314	3321	rBV4	18023	42078	2.40%	0.233%
70	22.640	3362	3371	3377	rVV	33505	80205	4.57%	0.445%
71	22.716	3379	3384	3391	rVB2	21506	43106	2.46%	0.239%

Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.816	3395	3401	3405	rBV5	8907	18666	1.06%	0.104%
73	22.927	3415	3420	3424	rBV3	13398	26216	1.49%	0.145%
74	22.974	3426	3428	3437	rVB5	19854	33147	1.89%	0.184%
75	23.074	3439	3445	3452	rVB5	12959	30975	1.76%	0.172%
76	24.179	3623	3633	3641	rBV2	104234	395517	22.53%	2.194%
77	24.443	3672	3678	3687	rVB2	19451	47721	2.72%	0.265%
78	24.666	3707	3716	3720	rBV7	8201	24348	1.39%	0.135%
79	24.937	3752	3762	3776	rVB	69026	210103	11.97%	1.166%
80	25.089	3776	3788	3802	rVB2	100493	296407	16.88%	1.644%
81	25.248	3805	3815	3824	rBV2	122702	366288	20.86%	2.032%
82	25.324	3824	3828	3840	rVB3	25806	78838	4.49%	0.437%
83	29.101	4459	4471	4494	rVB3	41460	210481	11.99%	1.168%
84	29.607	4548	4557	4558	rBV3	8980	19090	1.09%	0.106%
85	30.300	4662	4675	4676	rBV2	30926	80635	4.59%	0.447%

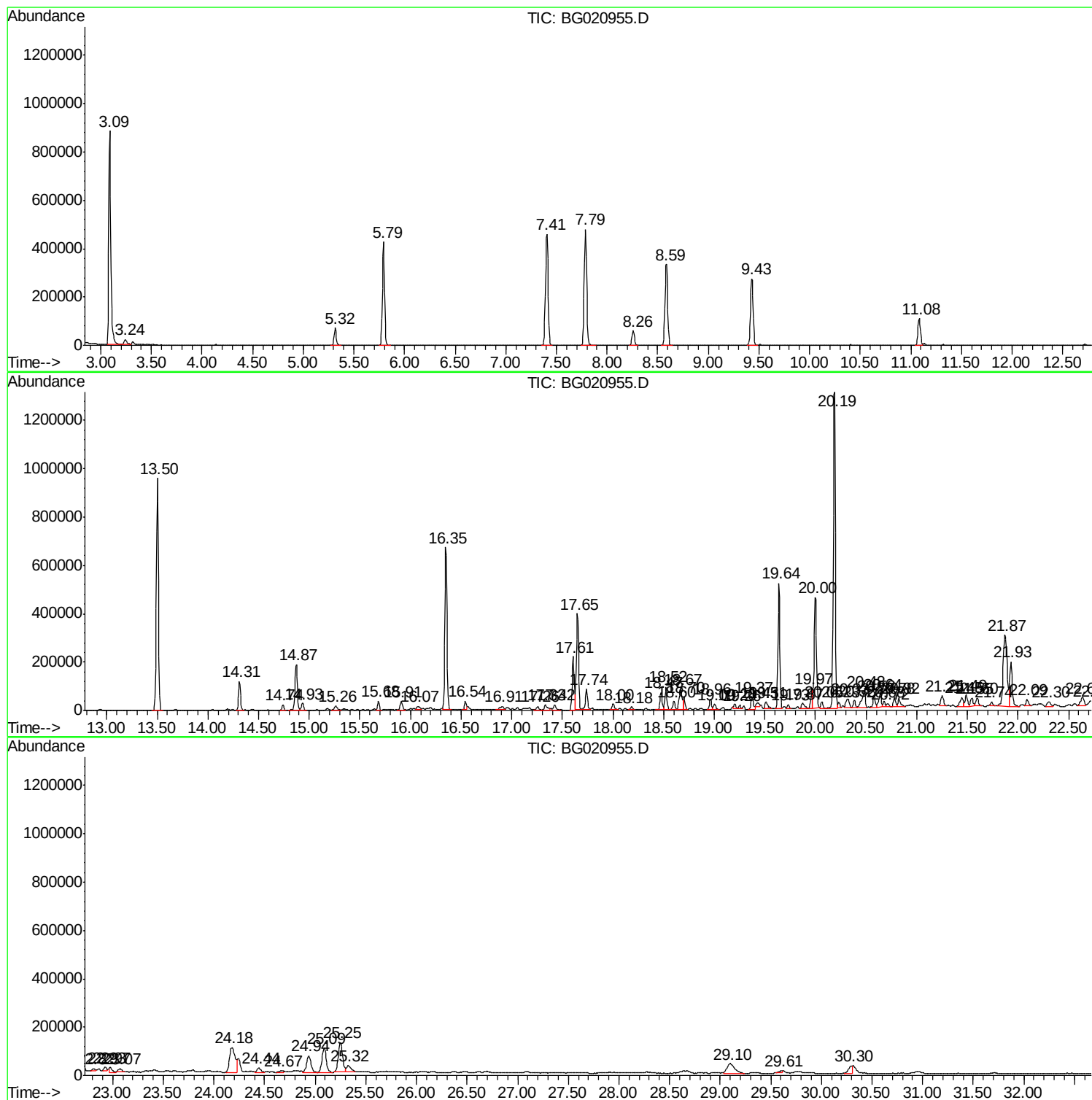
Sum of corrected areas: 18026086

Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.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\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

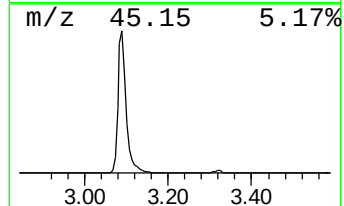
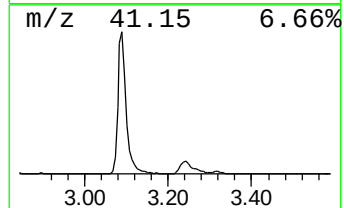
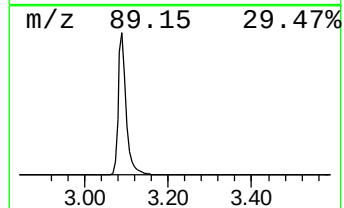
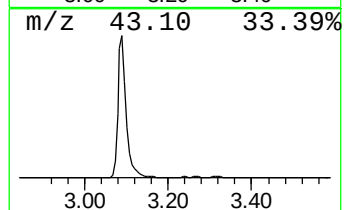
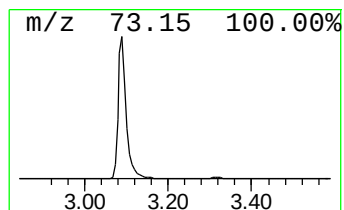
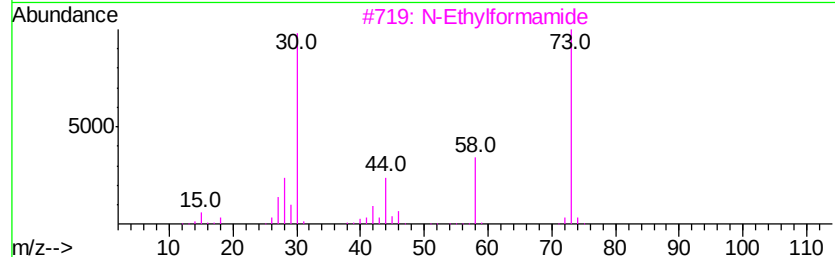
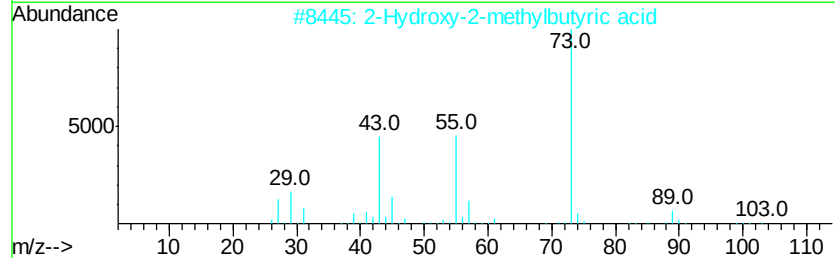
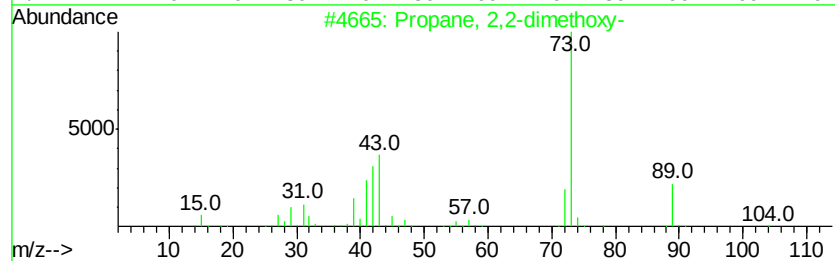
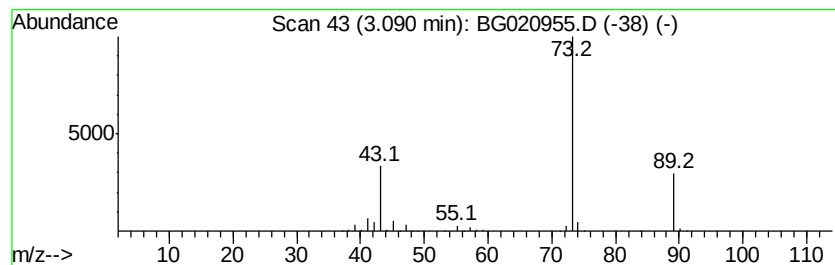
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	236.53 ng	1218270	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3		N-Ethylformamide	73	C3H7NO	000627-45-2	7
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

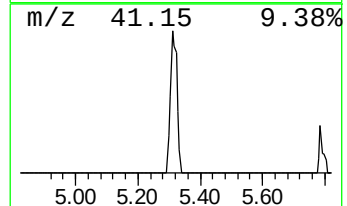
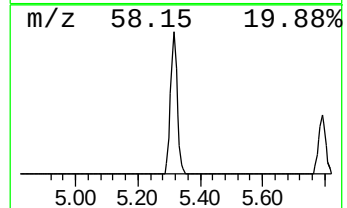
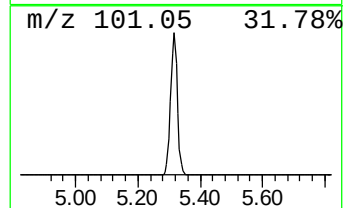
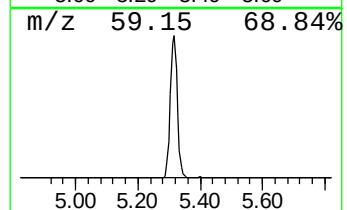
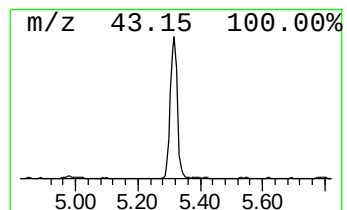
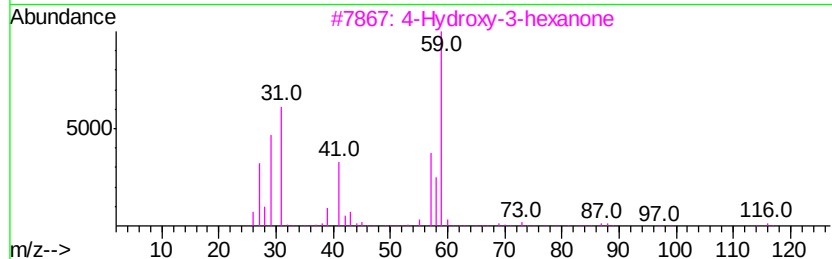
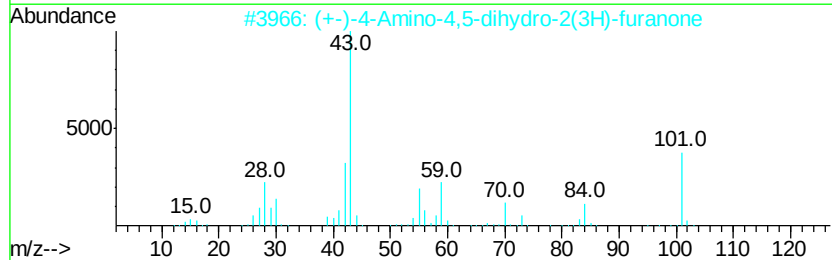
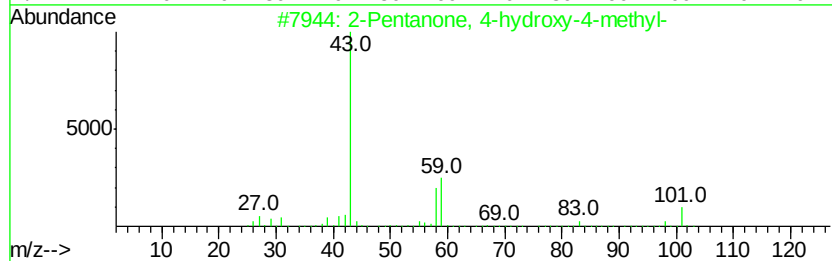
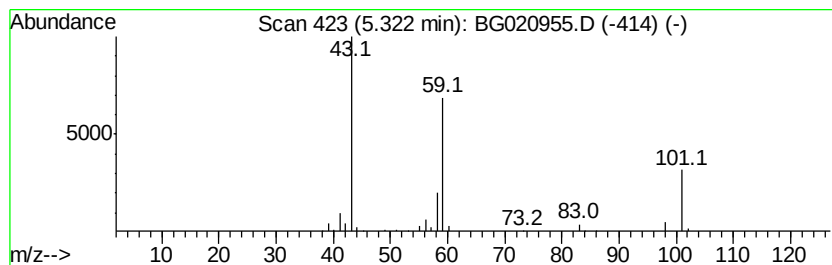
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	21.71 ng	111844	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4		1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	17
5		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	12



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

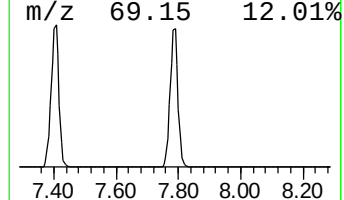
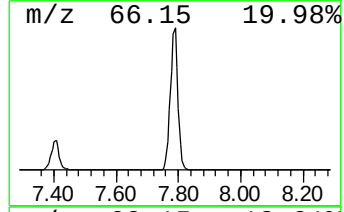
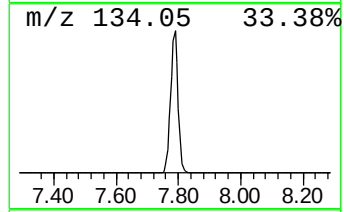
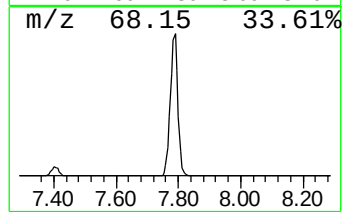
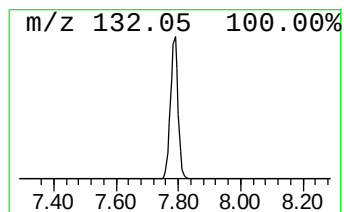
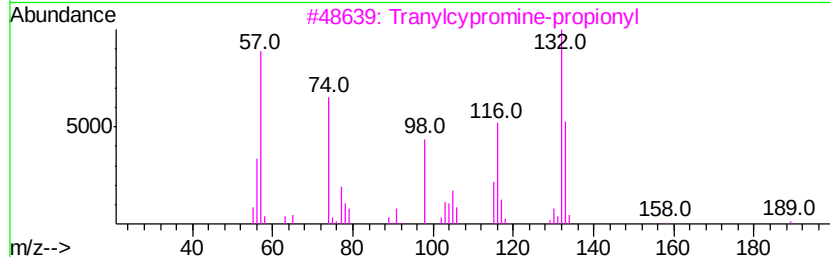
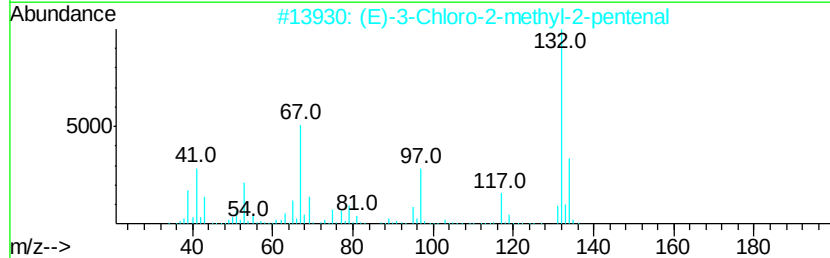
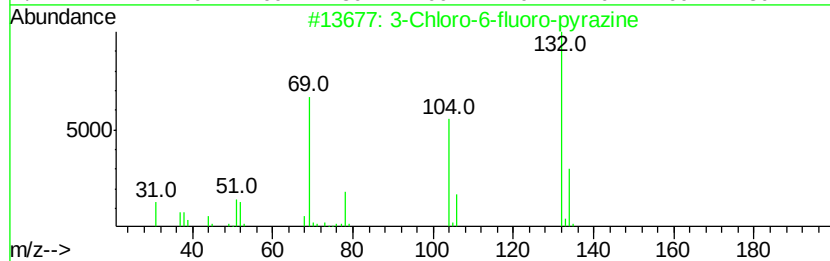
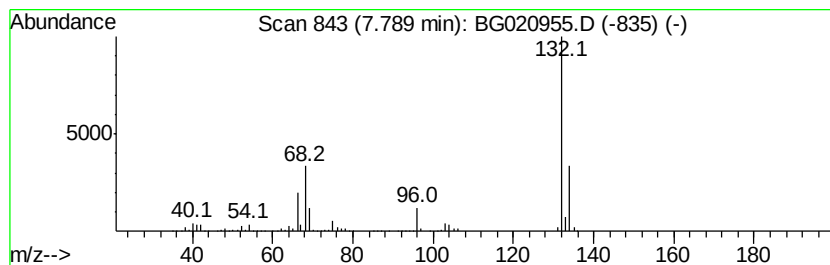
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	158.60 ng	816876	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

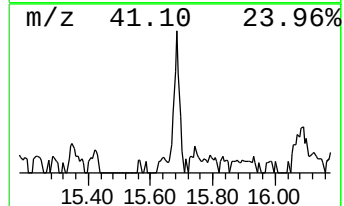
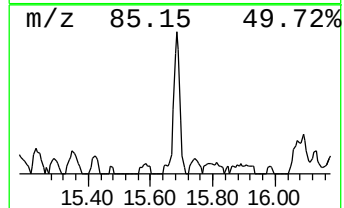
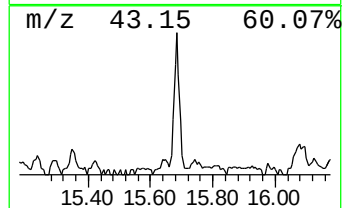
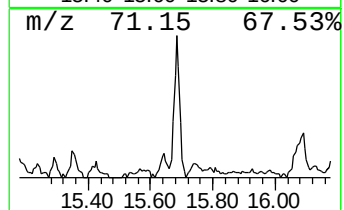
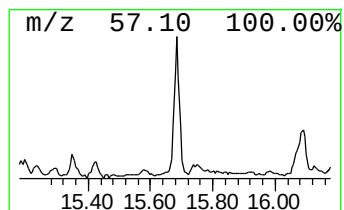
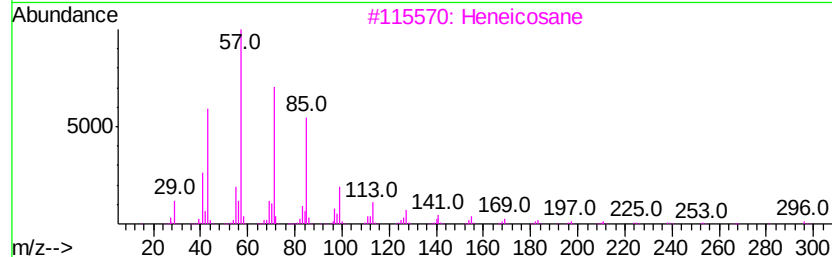
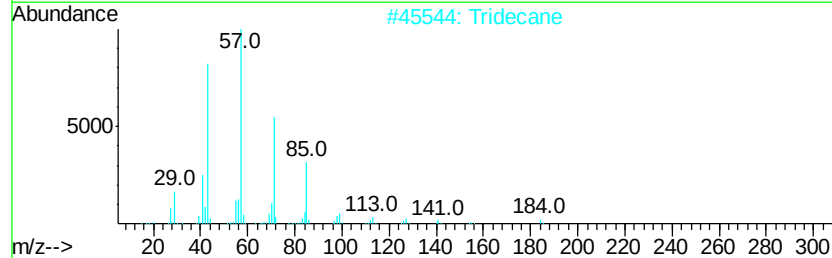
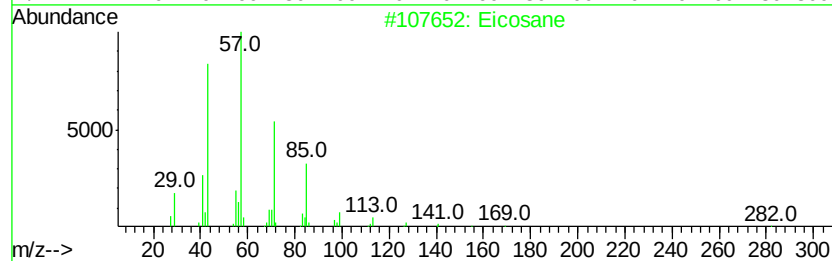
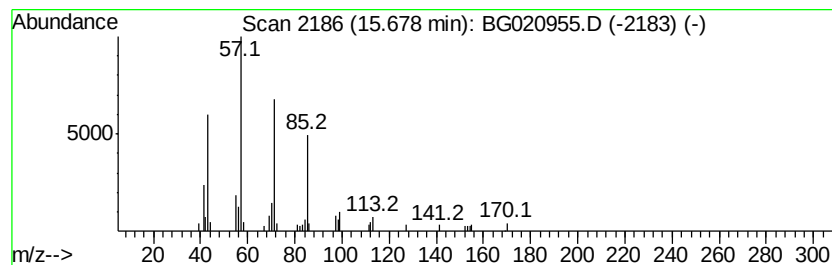
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.87 ng	45384	Acenaphthene-d10	14.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Octacosane		394	C28H58	000630-02-4	86
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

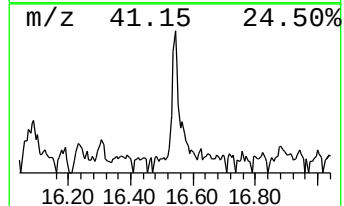
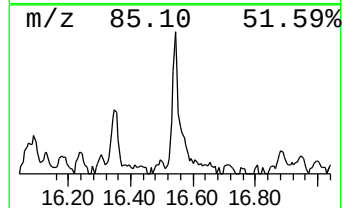
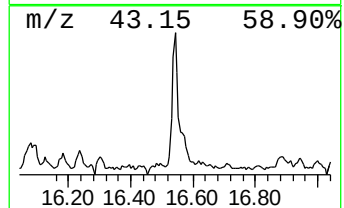
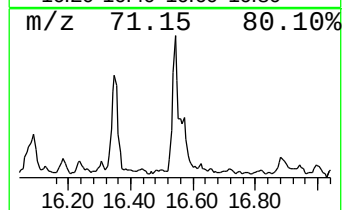
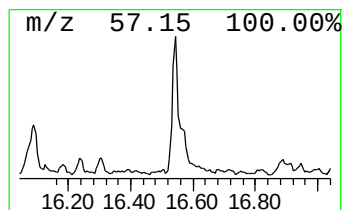
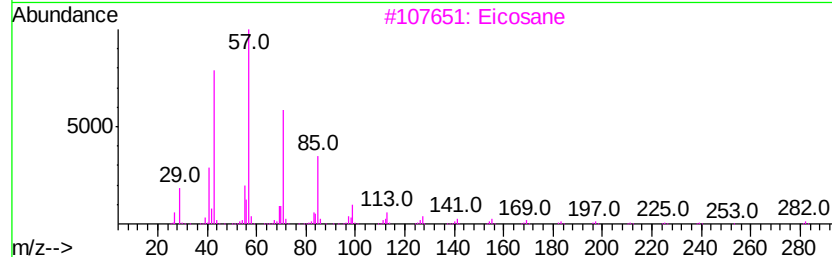
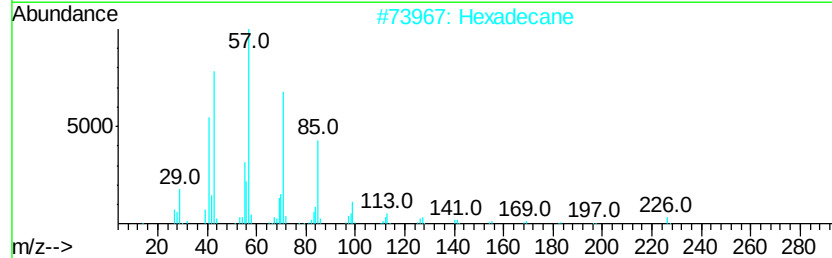
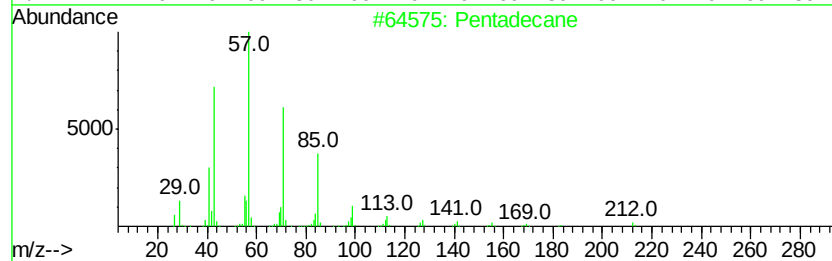
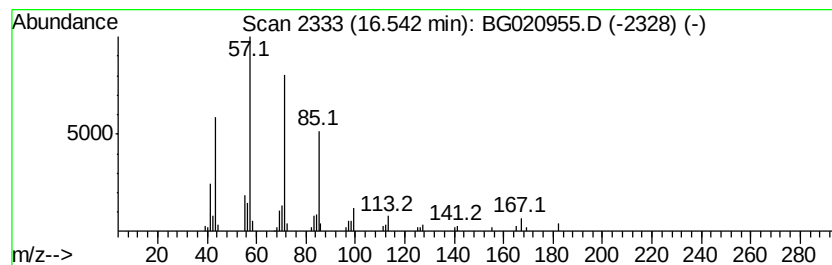
Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.54	2.84 ng	46334	Phenanthrene-d10		17.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

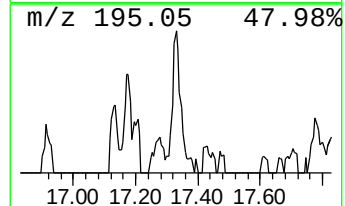
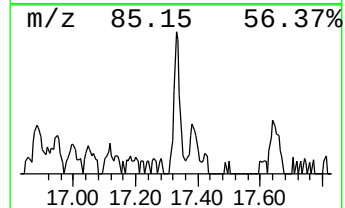
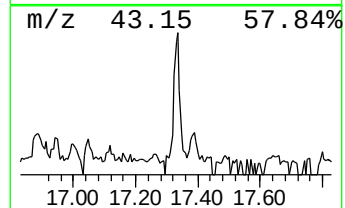
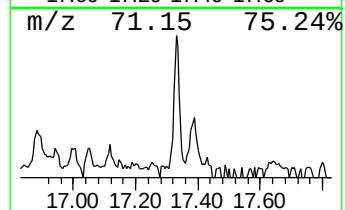
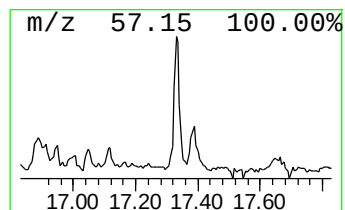
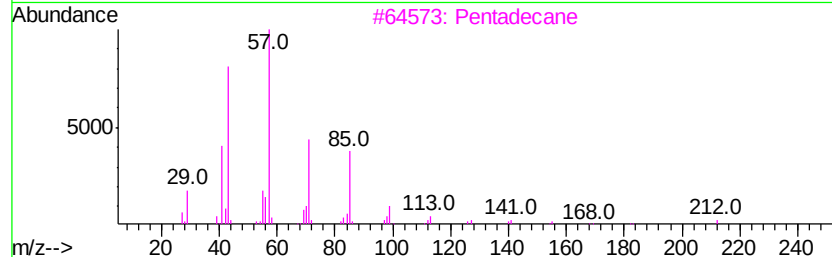
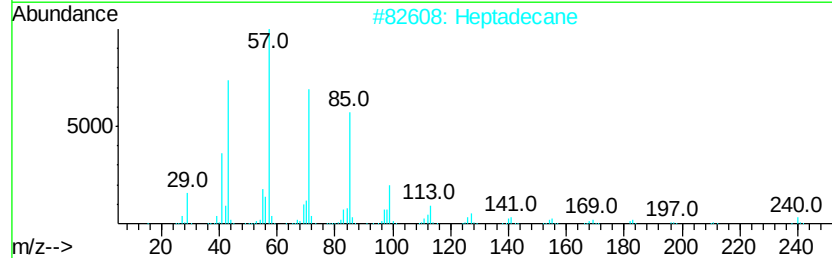
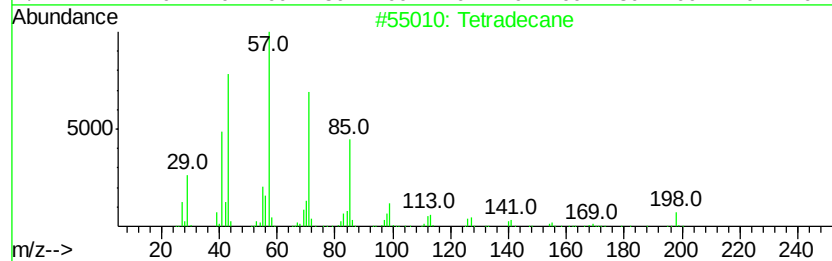
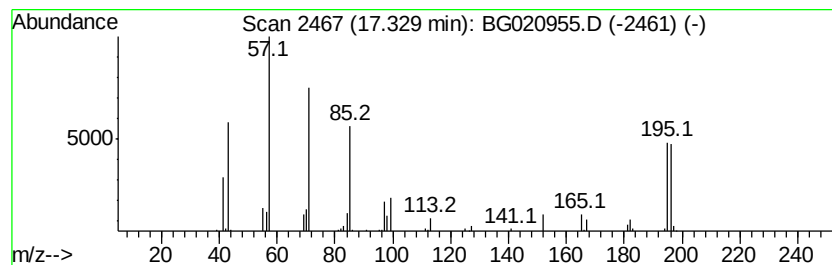
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	2.86 ng	46631	Phenanthrene-d10	17.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	87
2		Heptadecane	240	C17H36	000629-78-7	45
3		Pentadecane	212	C15H32	000629-62-9	43
4		Heneicosane	296	C21H44	000629-94-7	43
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

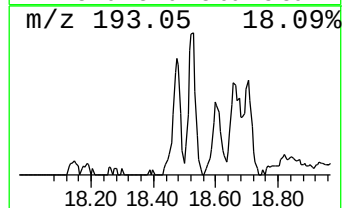
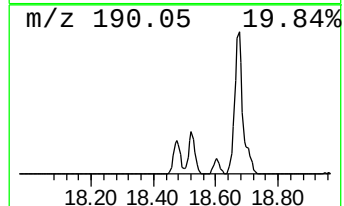
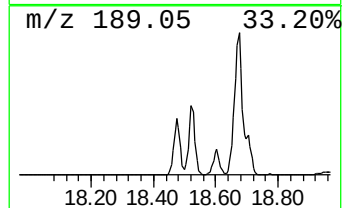
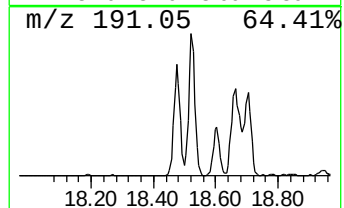
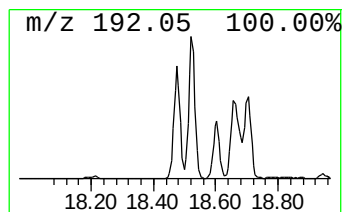
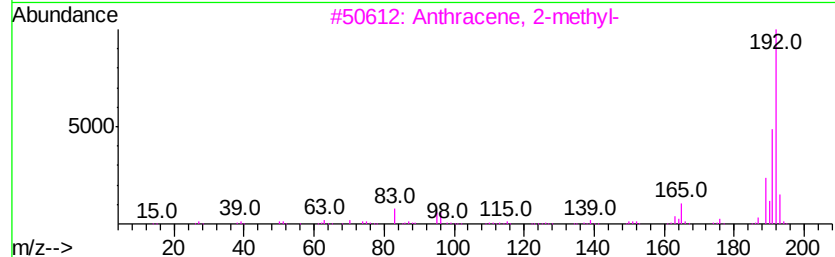
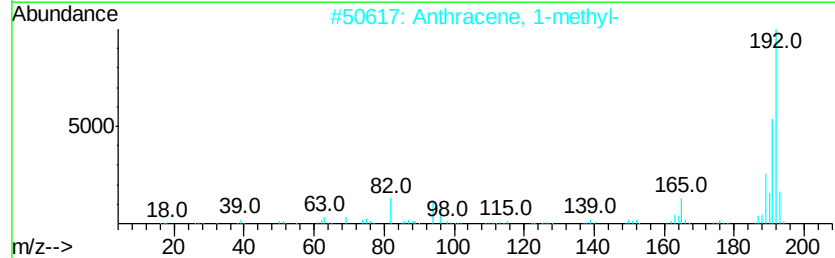
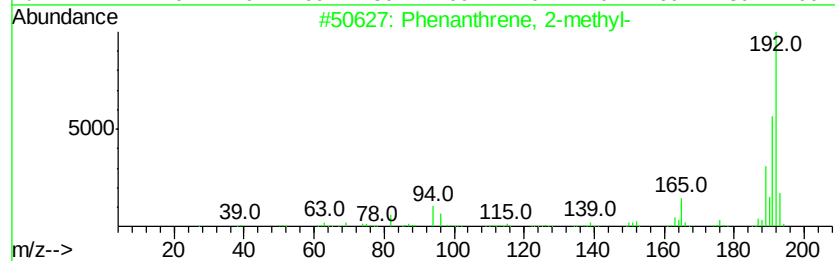
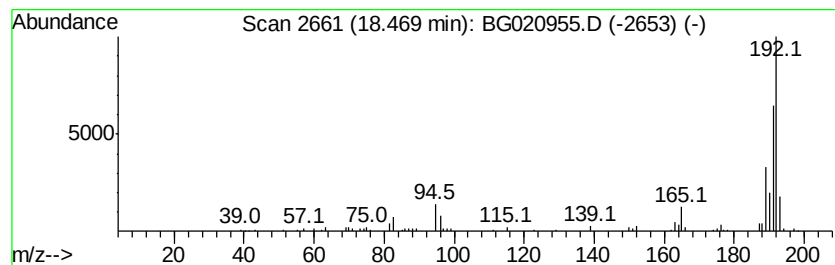
Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.47	6.80 ng	110784	Phenanthrene-d10	17.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

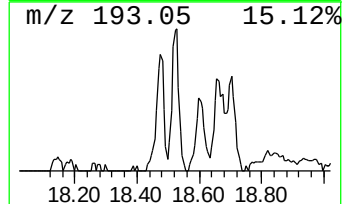
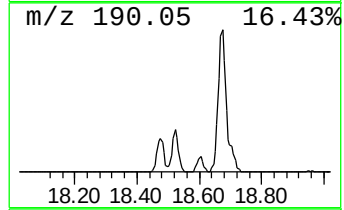
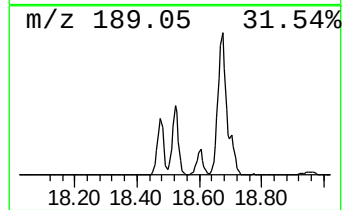
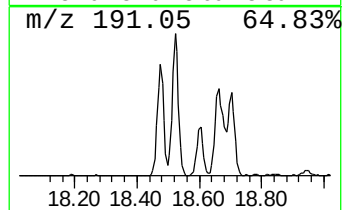
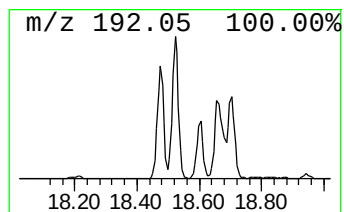
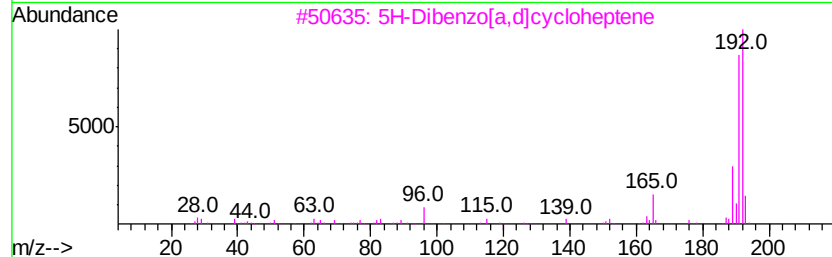
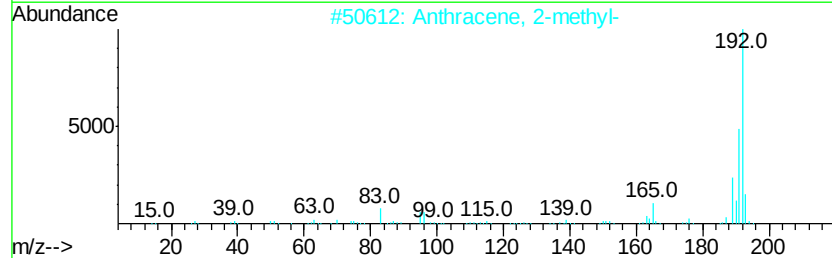
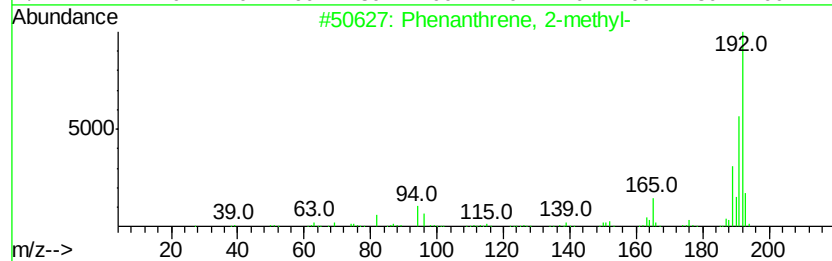
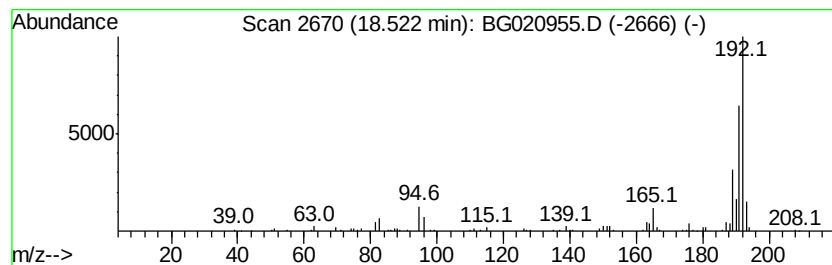
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	8.37 ng	136495	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

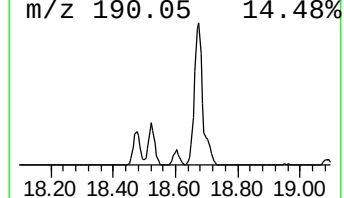
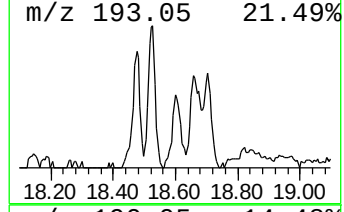
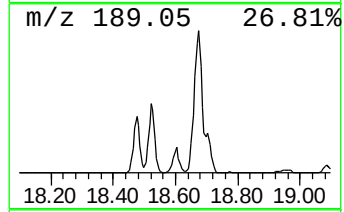
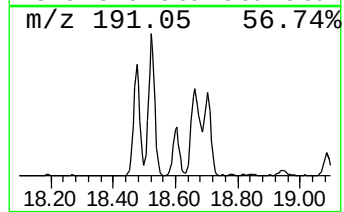
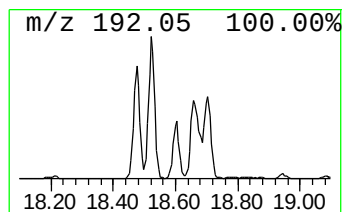
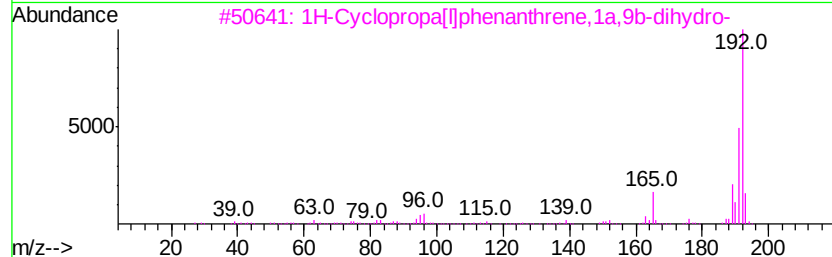
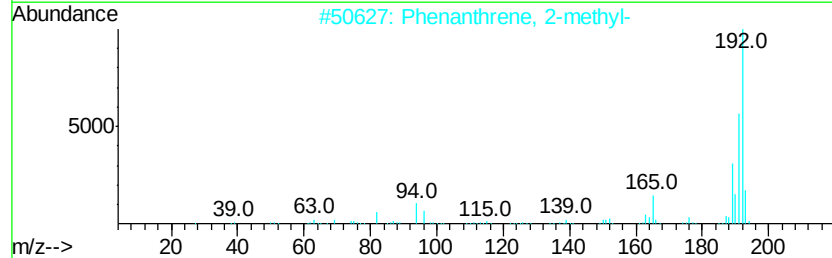
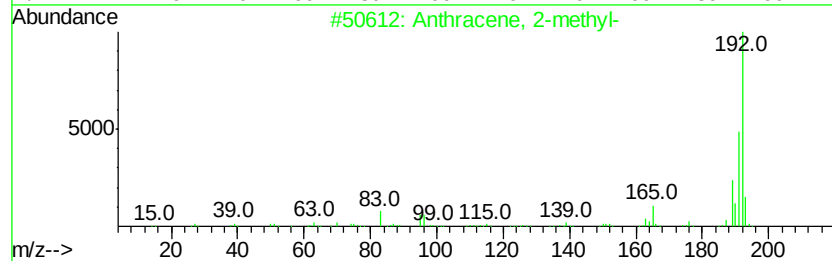
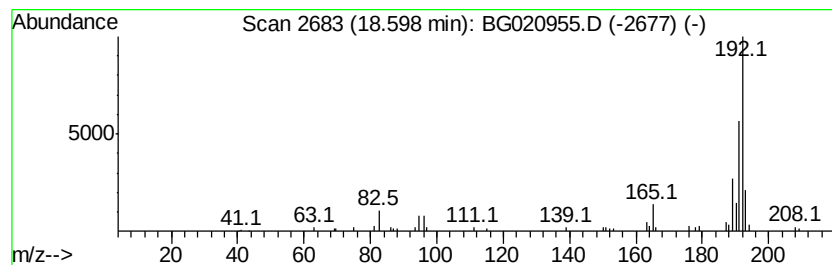
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.24 ng	52831	Phenanthrene-d10	17.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

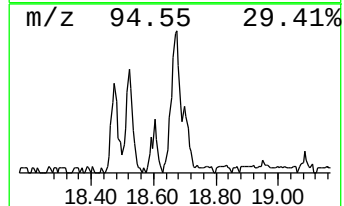
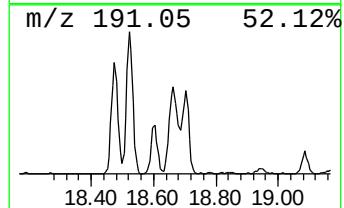
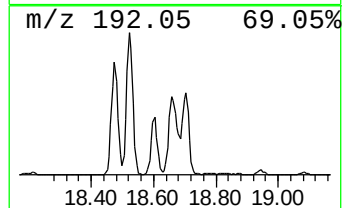
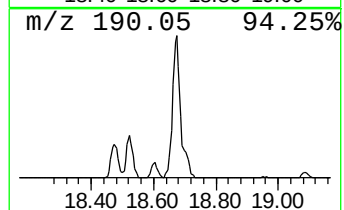
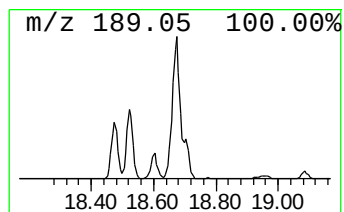
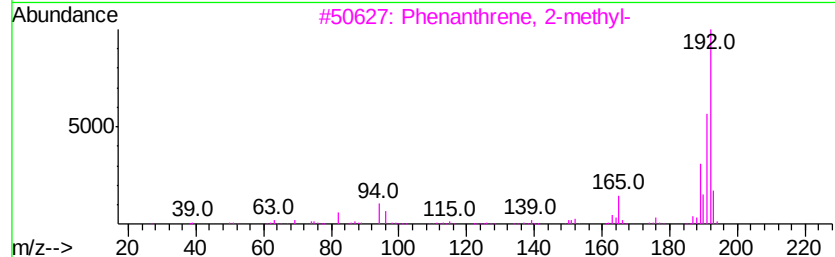
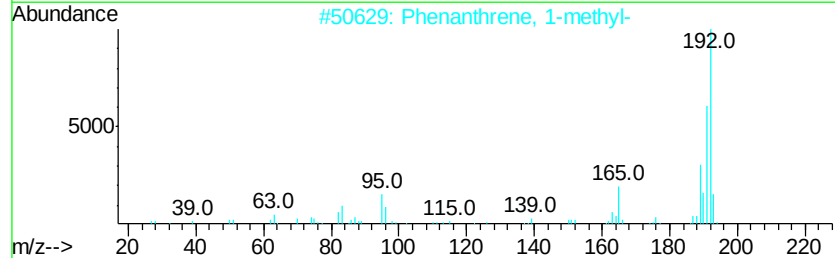
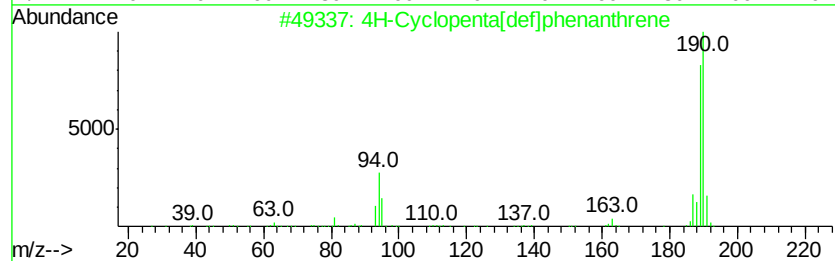
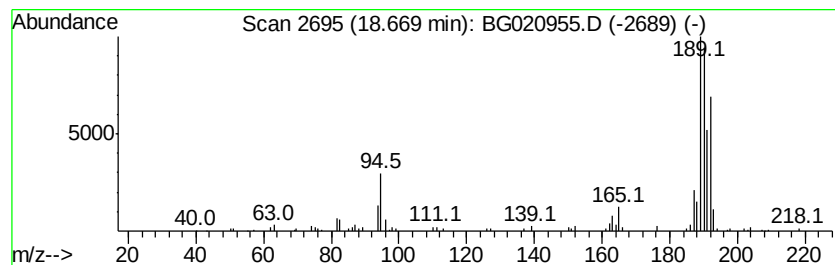
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	10.90 ng	177716	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4		Methyl diselenide	190	C2H6Se2	007101-31-7	38
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

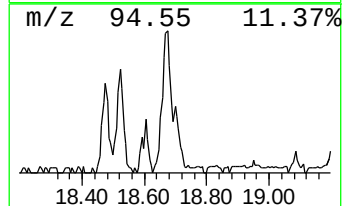
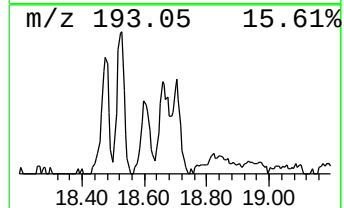
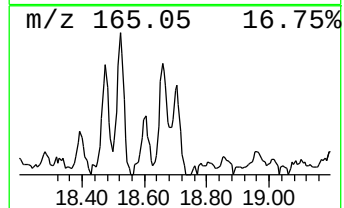
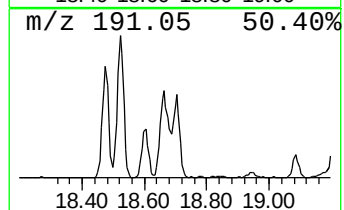
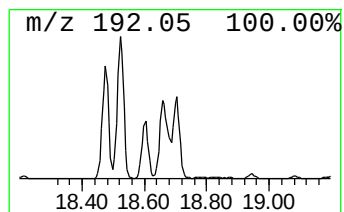
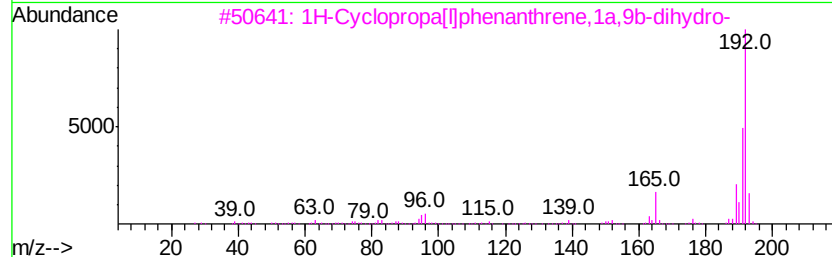
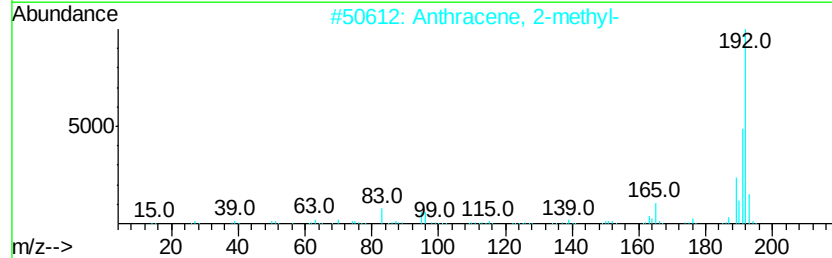
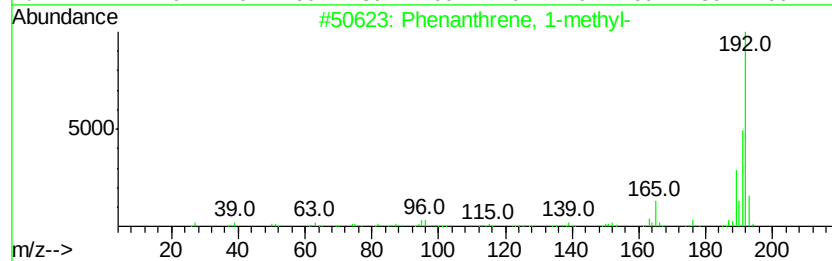
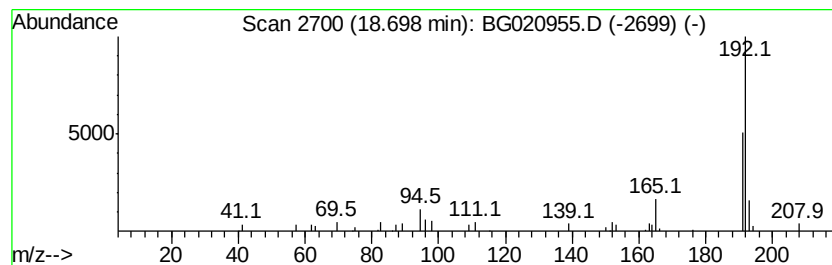
Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	3.60 ng	58767	Phenanthrene-d10	17.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Cyclopropa[1,1b]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

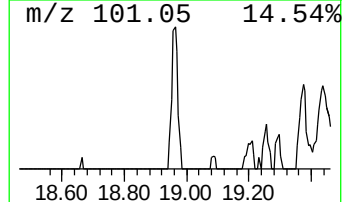
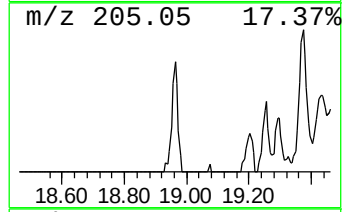
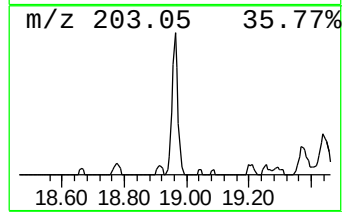
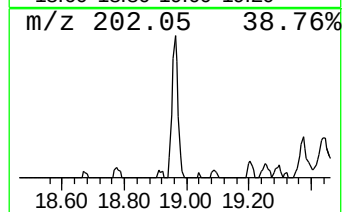
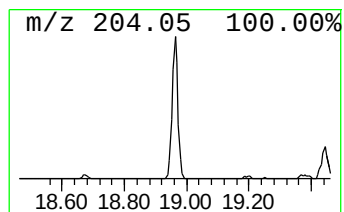
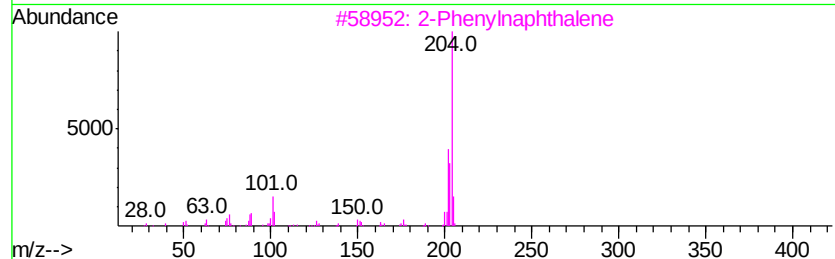
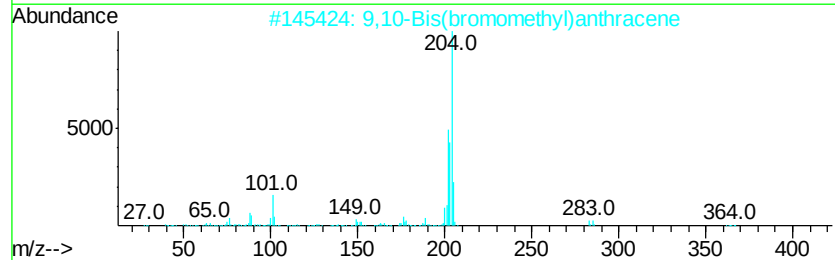
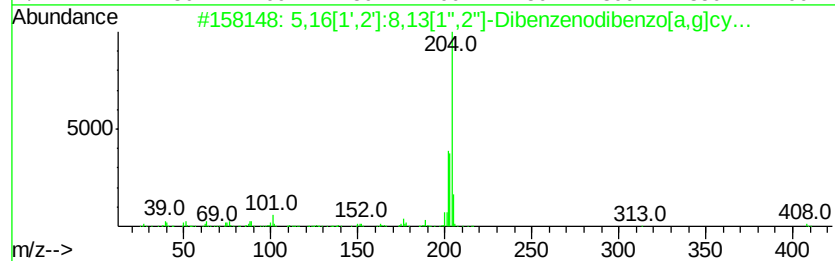
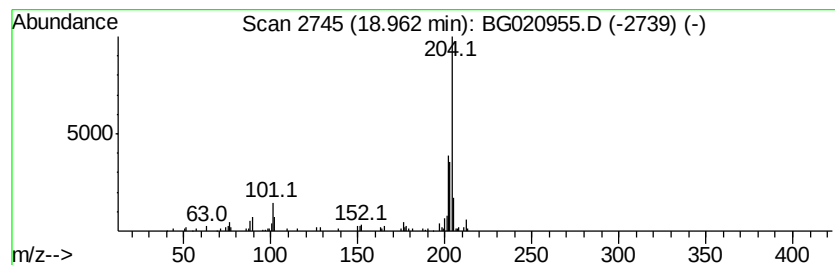
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.85 ng	62702	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3		2-Phenyl-naphthalene	204	C16H12	035465-71-5	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

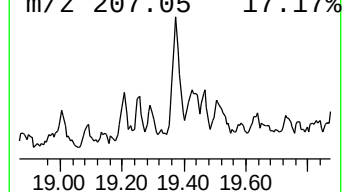
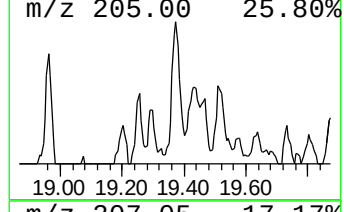
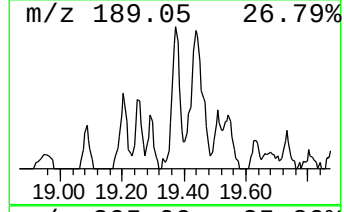
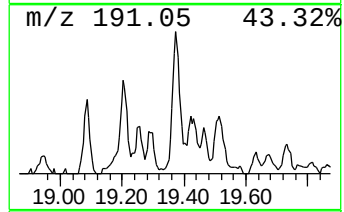
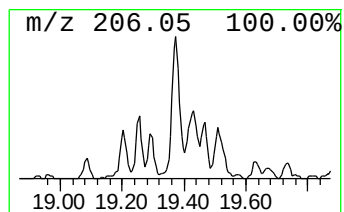
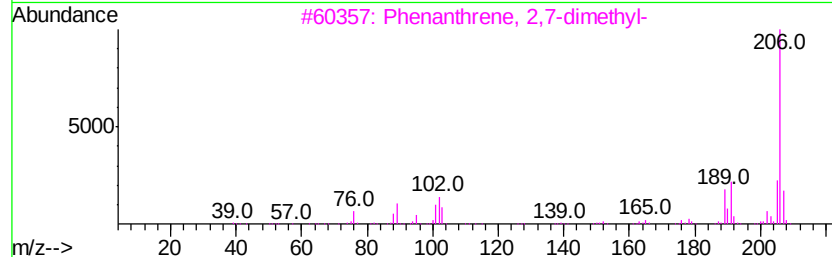
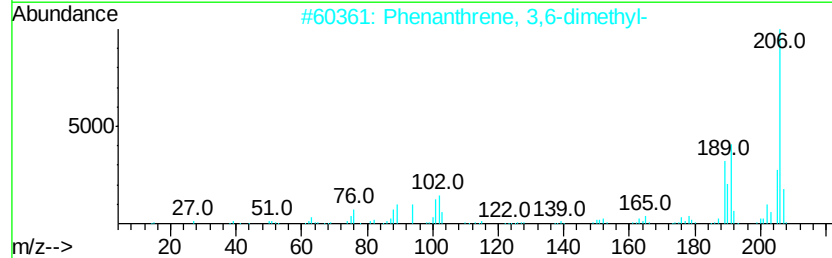
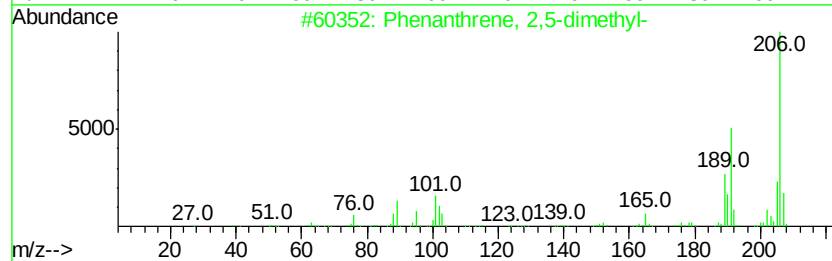
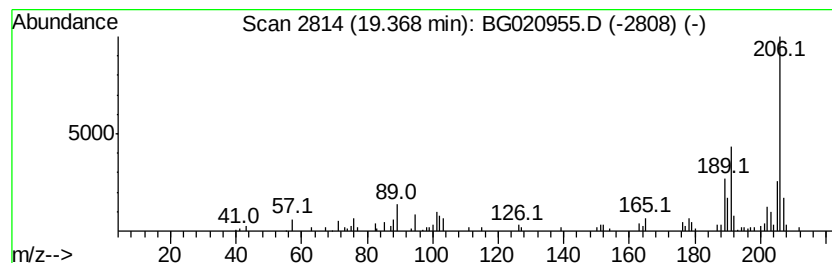
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	5.43 ng	88464	Phenanthrene-d10	17.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

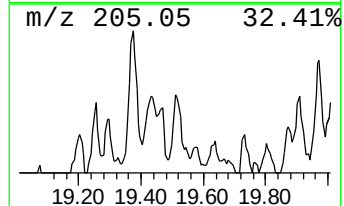
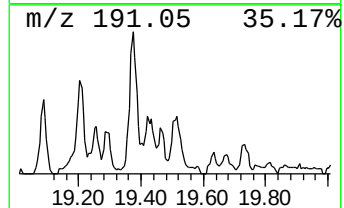
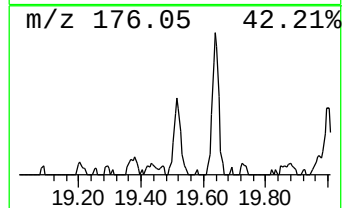
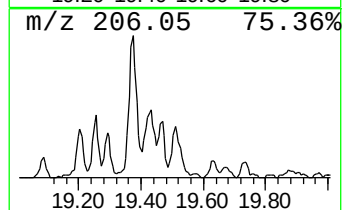
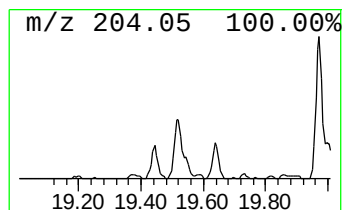
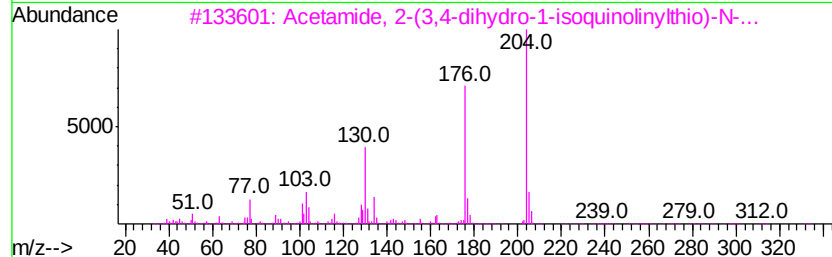
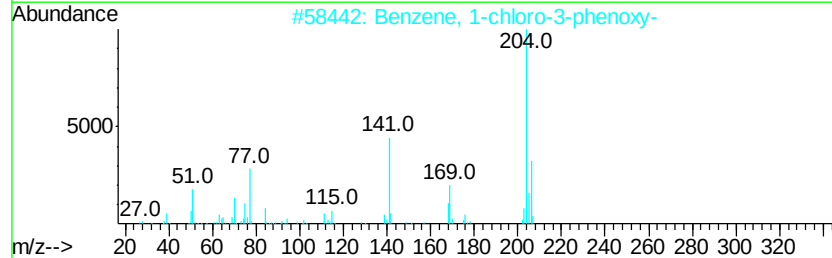
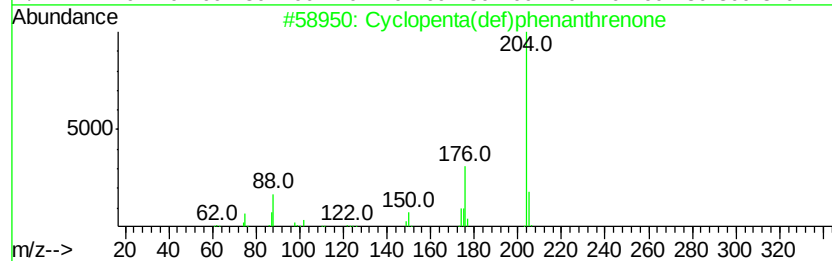
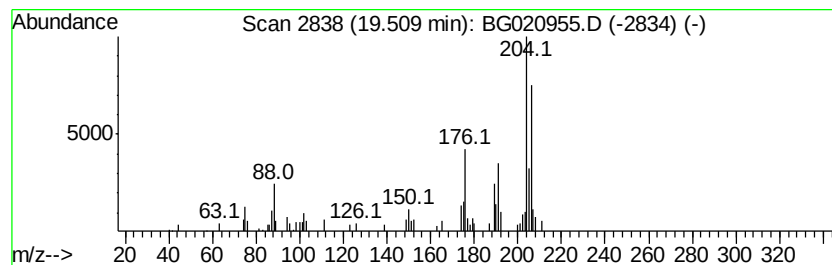
Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.51	3.61 ng	58925	Phenanthrene-d10	17.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BT005

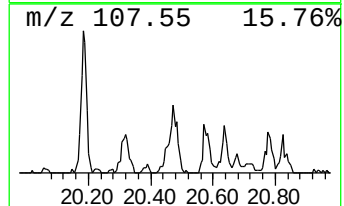
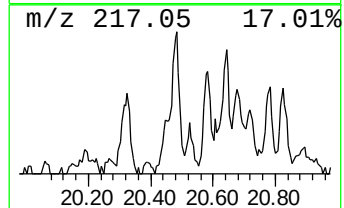
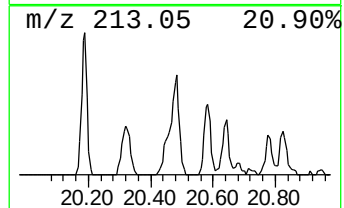
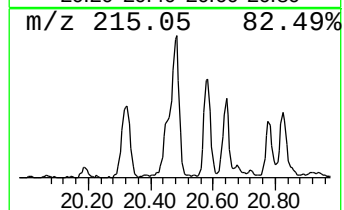
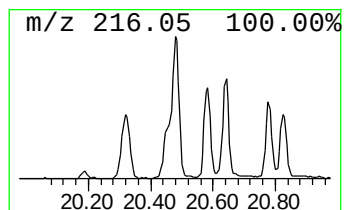
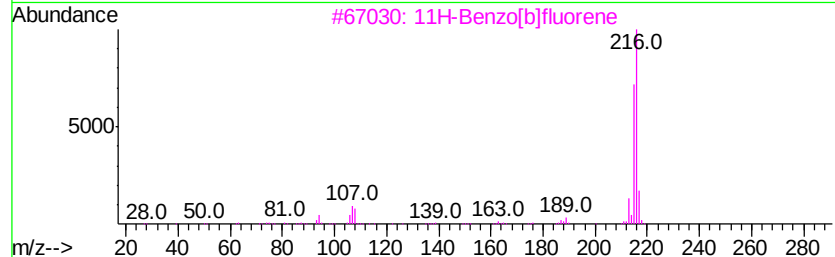
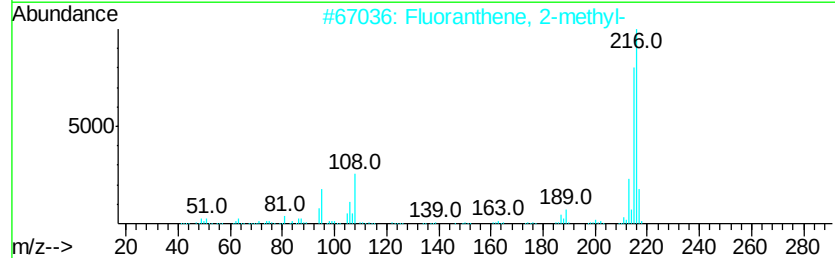
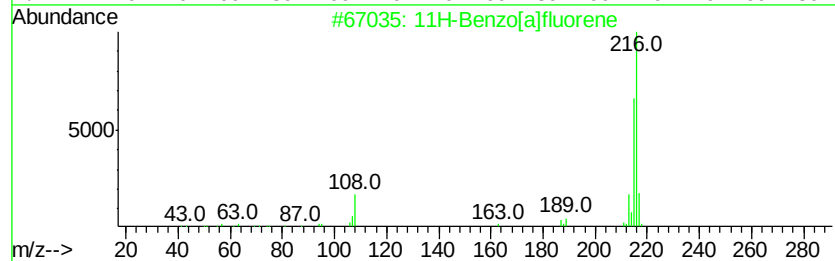
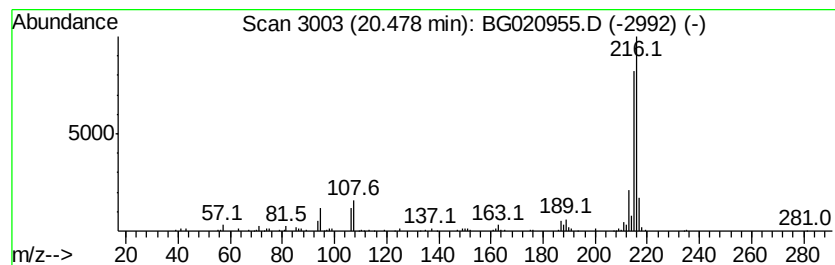
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	3.65 ng	153111	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA G\Data\BG021816\
Data File : BG020955.D
Acq On : 19 Feb 2016 3:40
Operator : SJ/UM
Sample : H1444-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

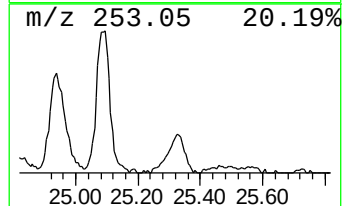
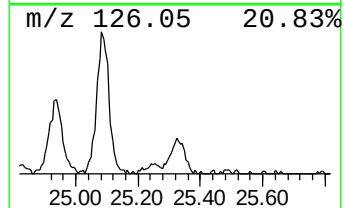
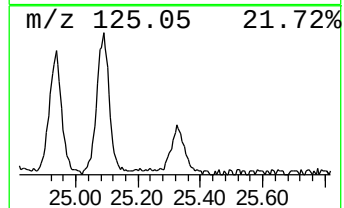
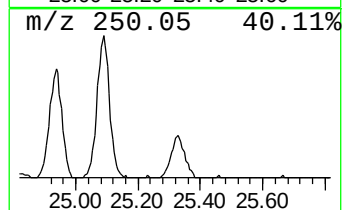
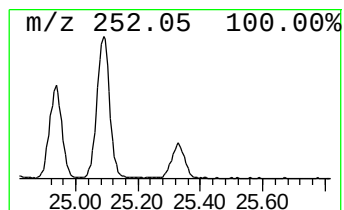
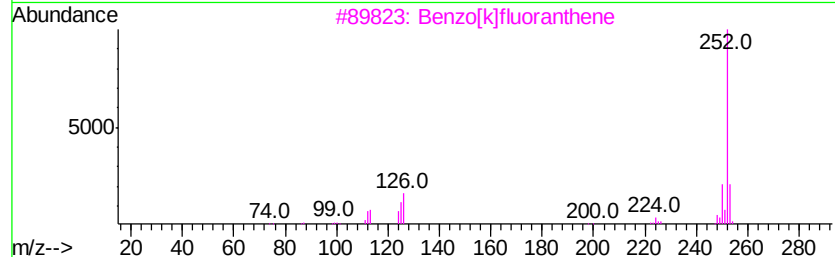
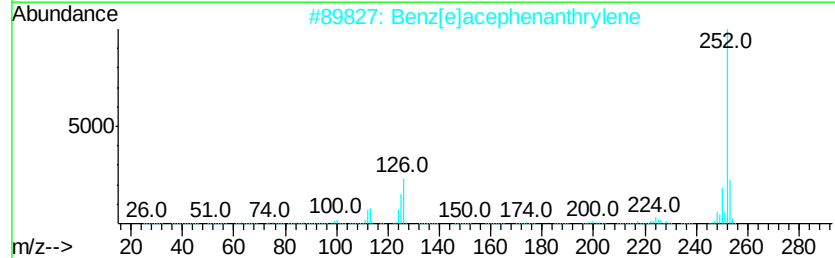
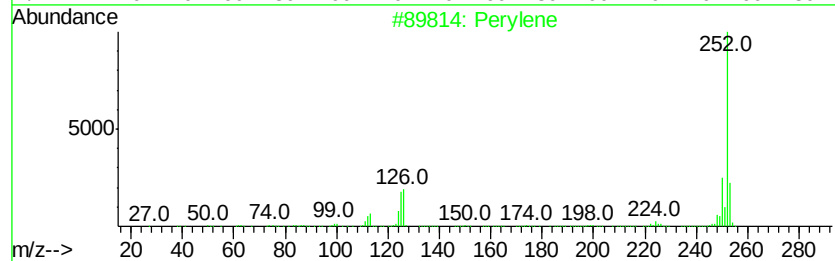
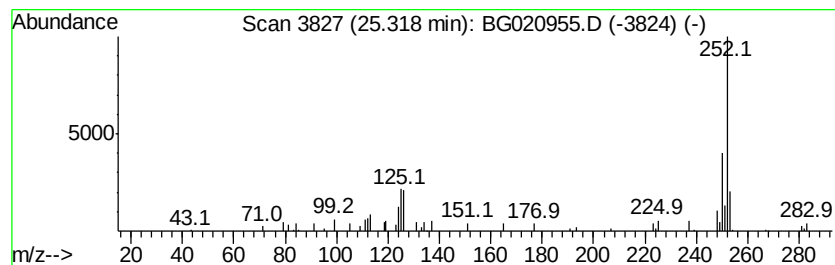
Instrument :
BNA_G
ClientSampleId :
BT005

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
25.32	4.30 ng	78838	Perylene-d12		25.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	76
2	Benz[elacephenanthrylene	252	C20H12	000205-99-2	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[elpyrene	252	C20H12	000192-97-2	76
5	Benzo[alpyrene	252	C20H12	000050-32-8	68



Data Path : Z:\HPCHEM1\BNA_G\Data\BG021816\
 Data File : BG020955.D
 Acq On : 19 Feb 2016 3:40
 Operator : SJ/UM
 Sample : H1444-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BT005

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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
unknown3.09	3.09	236.5	ng	1218270	1	8.26	103014	20.0
2-Pentanone, 4-hy...	5.32	21.7	ng	111844	1	8.26	103014	20.0
unknown7.79	7.79	158.6	ng	816876	1	8.26	103014	20.0
Eicosane	15.68	2.9	ng	45384	3	14.87	315815	20.0
Pentadecane	16.54	2.8	ng	46334	4	17.61	326068	20.0
Tetradecane	17.33	2.9	ng	46631	4	17.61	326068	20.0
Phenanthrene, 2-m...	18.47	6.8	ng	110784	4	17.61	326068	20.0
Anthracene, 2-met...	18.52	8.4	ng	136495	4	17.61	326068	20.0
1H-Cyclopropa[l]p...	18.60	3.2	ng	52831	4	17.61	326068	20.0
4H-Cyclopenta[def...	18.67	10.9	ng	177716	4	17.61	326068	20.0
Phenanthrene, 1-m...	18.70	3.6	ng	58767	4	17.61	326068	20.0
5,16[1',2']:8,13[...	18.96	3.9	ng	62702	4	17.61	326068	20.0
Phenanthrene, 2,5...	19.37	5.4	ng	88464	4	17.61	326068	20.0
Cyclopenta(def)ph...	19.51	3.6	ng	58925	4	17.61	326068	20.0
11H-Benzo[a]fluorene	20.48	3.6	ng	153111	5	21.88	838550	20.0
Benzo[e]pyrene	25.32	4.3	ng	78838	6	25.25	366288	20.0