

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023147.D
 Acq On : 16 Jul 2016 15:01
 Operator : UM/SJ
 Sample : H4018-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C8-B4(0-5)C

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-BG070816.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	2.894	5	9	29	rVB2	528924	1540234	23.35%	2.438%
2	3.041	29	34	47	rVB	1029746	1515460	22.97%	2.399%
3	3.182	53	58	70	rVB2	270170	546367	8.28%	0.865%
4	5.221	399	405	414	rVB	251779	386614	5.86%	0.612%
5	5.697	479	486	496	rBV	1488030	2462927	37.34%	3.898%
6	7.306	752	760	769	rBV	1711843	3059910	46.39%	4.843%
7	7.677	816	823	835	rBV	1572162	2806855	42.55%	4.443%
8	8.147	896	903	913	rVB	478520	854981	12.96%	1.353%
9	8.476	952	959	968	rBV	1180004	2078146	31.51%	3.289%
10	9.322	1094	1103	1112	rBV	1093583	1981083	30.03%	3.136%
11	10.979	1377	1385	1392	rBV	723321	1309121	19.85%	2.072%
12	13.417	1789	1800	1809	rBV	2899192	4650522	70.50%	7.361%
13	14.240	1934	1940	1946	rBV	584885	904885	13.72%	1.432%
14	14.798	2028	2035	2042	rBV2	1233032	1988421	30.15%	3.147%
15	15.614	2170	2174	2178	rVB3	50058	69283	1.05%	0.110%
16	16.290	2281	2289	2298	rBV	2323003	3744992	56.78%	5.927%
17	16.478	2317	2321	2329	rBV4	61262	100065	1.52%	0.158%
18	17.271	2452	2456	2462	rBV4	60075	84267	1.28%	0.133%
19	17.547	2496	2503	2508	rBV2	1545172	2452443	37.18%	3.882%
20	17.589	2508	2510	2517	rVB	378669	494766	7.50%	0.783%
21	17.683	2522	2526	2534	rVB	83527	119749	1.82%	0.190%
22	17.959	2568	2573	2578	rVB2	43857	72376	1.10%	0.115%
23	18.417	2646	2651	2656	rBV3	116705	216155	3.28%	0.342%
24	18.470	2656	2660	2668	rVV3	100304	189977	2.88%	0.301%
25	18.623	2679	2686	2689	rBV2	119356	227093	3.44%	0.359%
26	18.652	2689	2691	2696	rVB2	54655	73305	1.11%	0.116%
27	18.916	2732	2736	2740	rBV	54451	72429	1.10%	0.115%
28	19.328	2802	2806	2812	rBV3	63639	103664	1.57%	0.164%
29	19.469	2826	2830	2837	rVB6	55183	98861	1.50%	0.156%
30	19.598	2846	2852	2858	rBV	1353105	2004858	30.39%	3.173%
31	19.839	2887	2893	2900	rBV6	55920	119639	1.81%	0.189%
32	19.927	2900	2908	2909	rVV	249019	418438	6.34%	0.662%
33	19.956	2909	2913	2920	rVV	1174147	1740019	26.38%	2.754%
34	20.027	2920	2925	2933	rVB	82466	144808	2.20%	0.229%

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Misc :
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ClientSampleId :
C8-B4(0-5)C

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 >
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35	20.144	2939	2945	2951	rBV	4699966	6596161	100.00%	10.440%
36	20.262	2960	2965	2974	rBV5	174358	398495	6.04%	0.631%
37	20.444	2987	2996	3001	rVB	257158	568001	8.61%	0.899%
38	20.544	3009	3013	3017	rBV	163926	235819	3.58%	0.373%
39	20.603	3020	3023	3027	rVV	142515	205470	3.11%	0.325%
40	20.744	3043	3047	3051	rBV2	101105	152775	2.32%	0.242%
41	20.791	3053	3055	3058	rVB2	94723	97024	1.47%	0.154%
42	21.220	3124	3128	3134	rVB	172057	245711	3.73%	0.389%
43	21.413	3157	3161	3164	rBV2	102772	163666	2.48%	0.259%
44	21.455	3164	3168	3173	rVV2	250403	371039	5.63%	0.587%
45	21.513	3173	3178	3182	rVV3	127977	253548	3.84%	0.401%
46	21.566	3184	3187	3195	rVB3	142282	251312	3.81%	0.398%
47	21.707	3207	3211	3215	rVB3	102977	162320	2.46%	0.257%
48	21.848	3225	3235	3240	rBV3	1857403	4653946	70.56%	7.366%
49	21.895	3240	3243	3251	rVB	754967	1251989	18.98%	1.982%
50	22.060	3267	3271	3274	rBV3	73473	113454	1.72%	0.180%
51	22.271	3302	3307	3313	rBV3	131155	270933	4.11%	0.429%
52	22.606	3360	3364	3368	rVB2	89689	148031	2.24%	0.234%
53	23.740	3551	3557	3564	rVB3	427353	819908	12.43%	1.298%
54	24.140	3618	3625	3632	rBV2	482757	1519021	23.03%	2.404%
55	24.298	3647	3652	3653	rBV4	67780	113596	1.72%	0.180%
56	24.904	3748	3755	3767	rVB2	301741	883682	13.40%	1.399%
57	25.056	3773	3781	3793	rVB	411145	1175577	17.82%	1.861%
58	25.221	3799	3809	3818	rBV3	870489	2600806	39.43%	4.116%
59	25.761	3895	3901	3908	rVB6	170949	451338	6.84%	0.714%
60	26.390	4000	4008	4018	rVB4	173263	470800	7.14%	0.745%
61	29.063	4458	4463	4474	rVB3	103261	373157	5.66%	0.591%

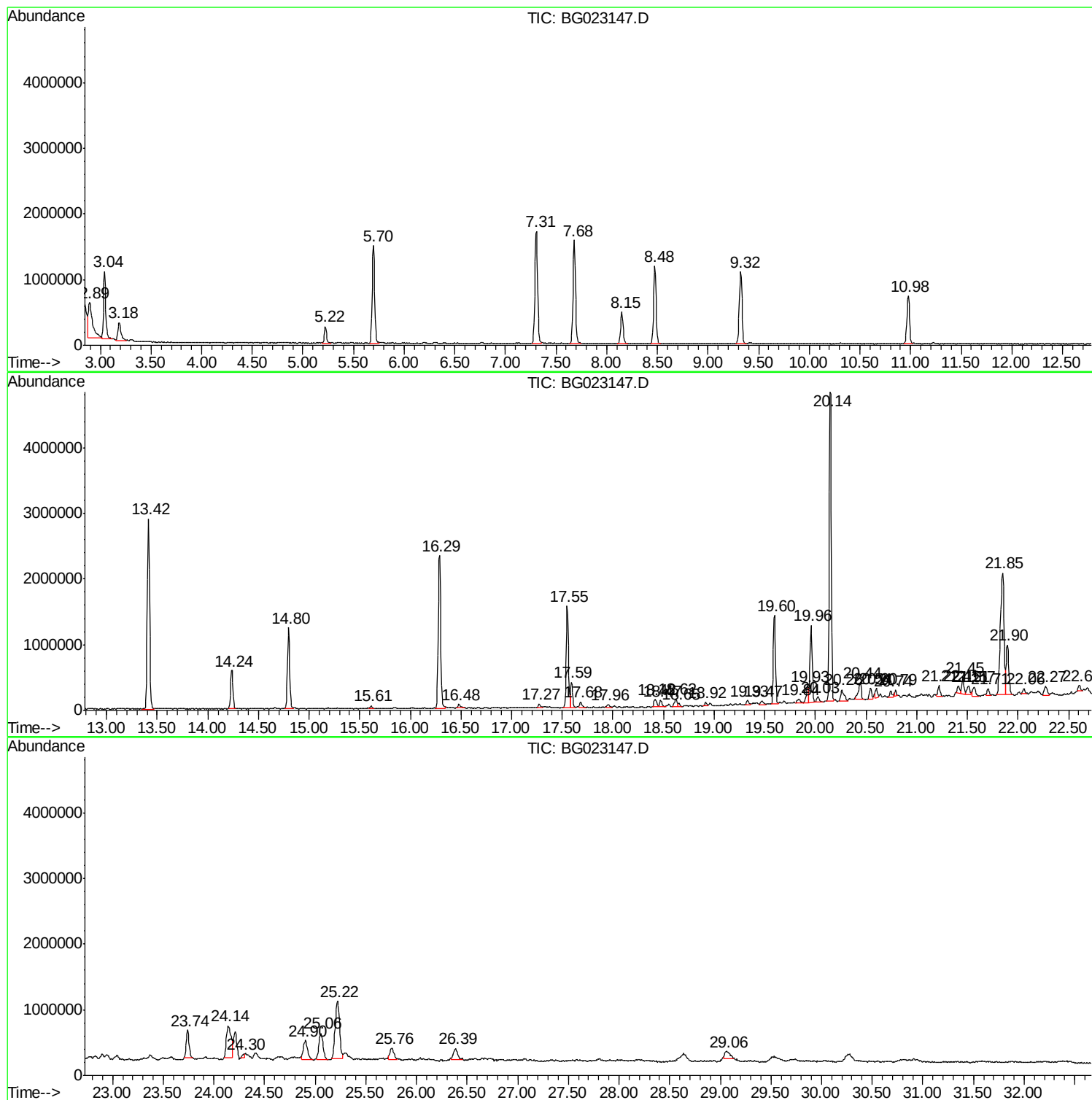
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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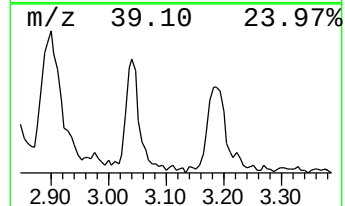
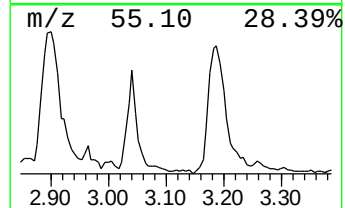
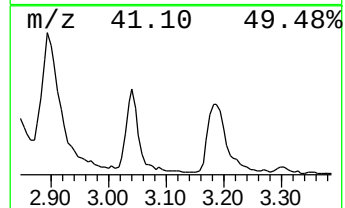
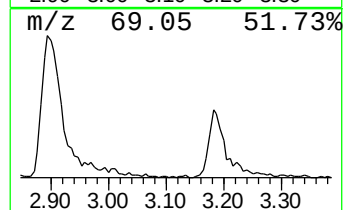
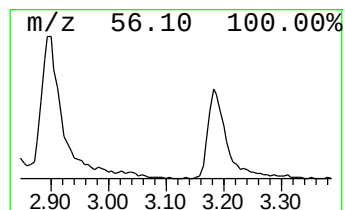
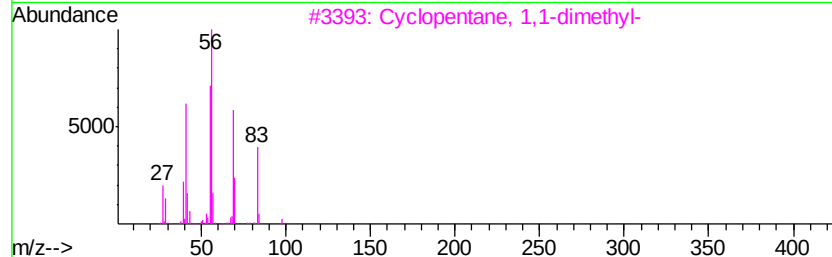
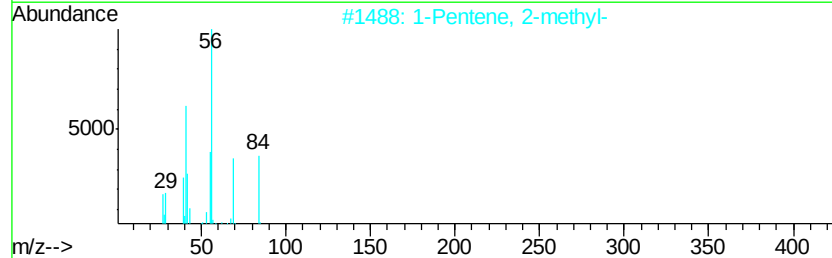
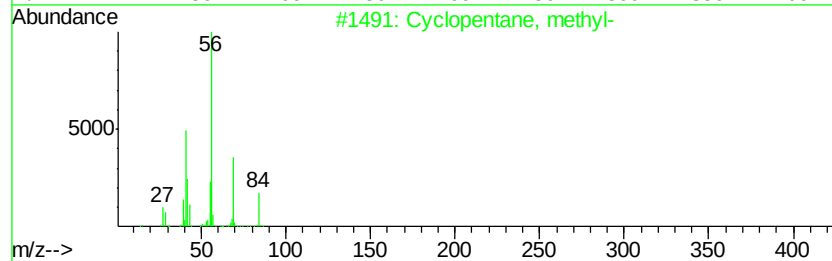
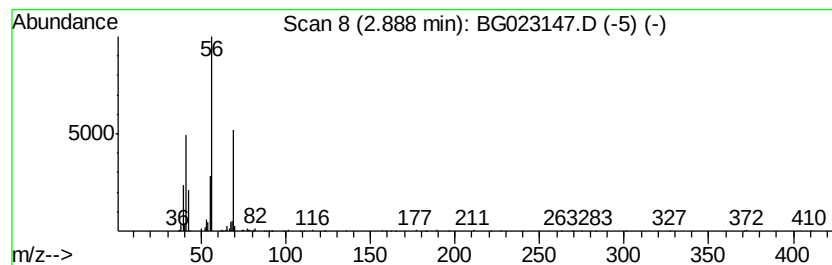
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	36.03 ng	1540230	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
3		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	39
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	38



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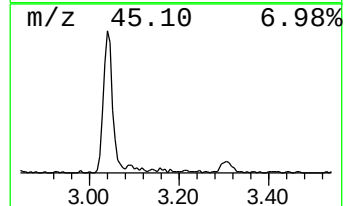
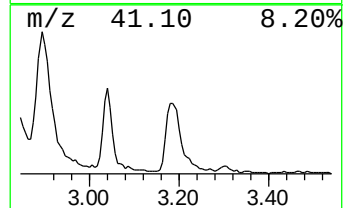
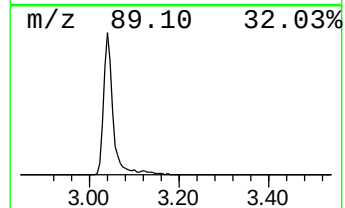
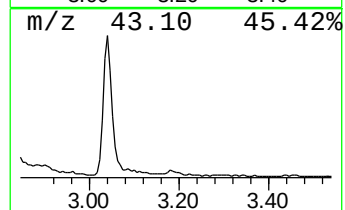
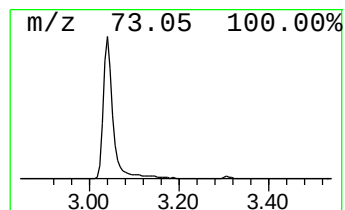
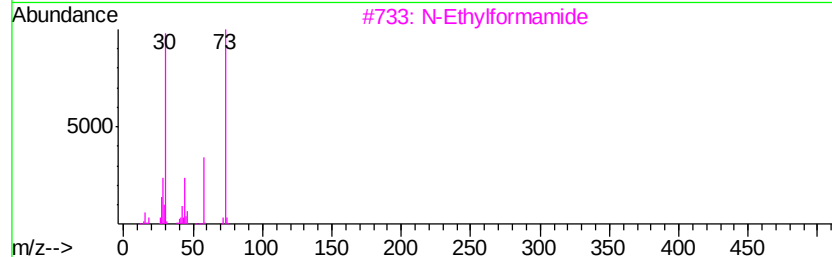
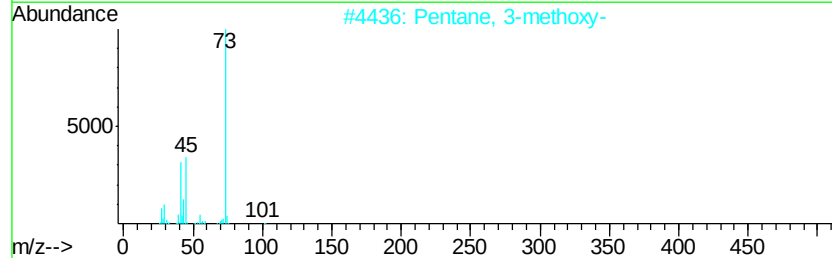
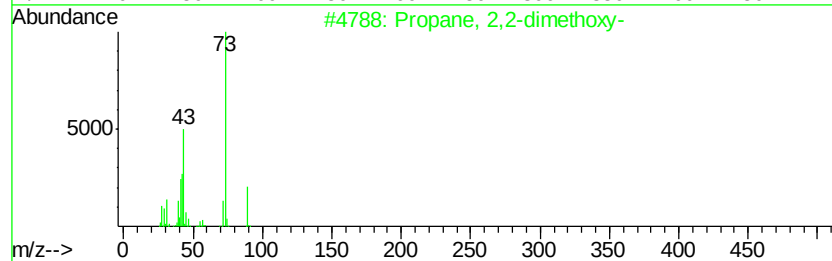
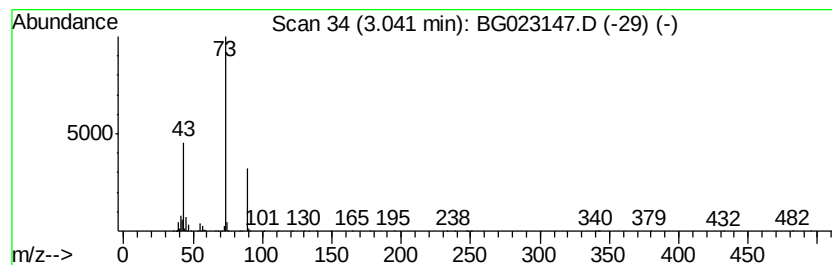
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown3.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	35.45 ng	1515460	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9



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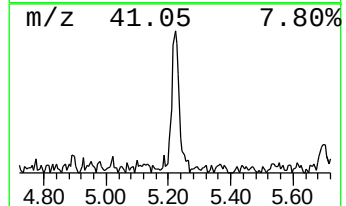
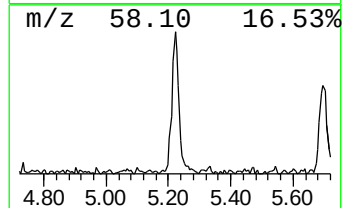
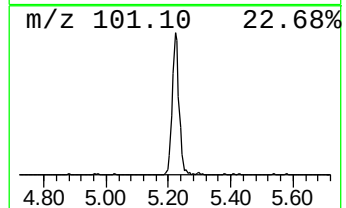
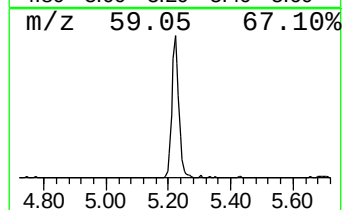
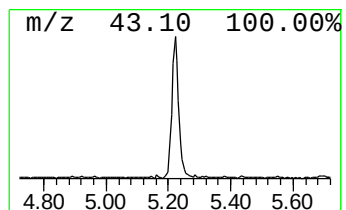
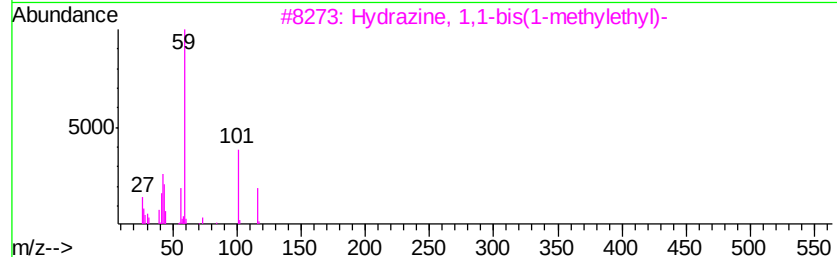
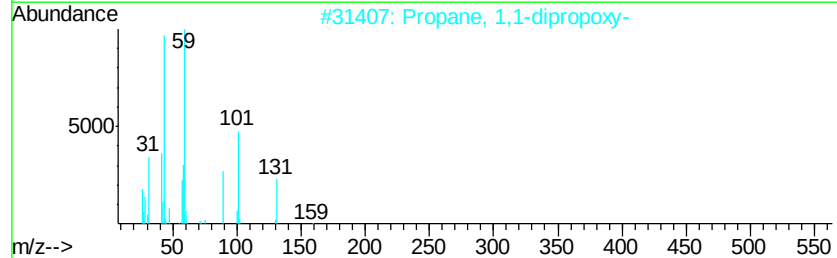
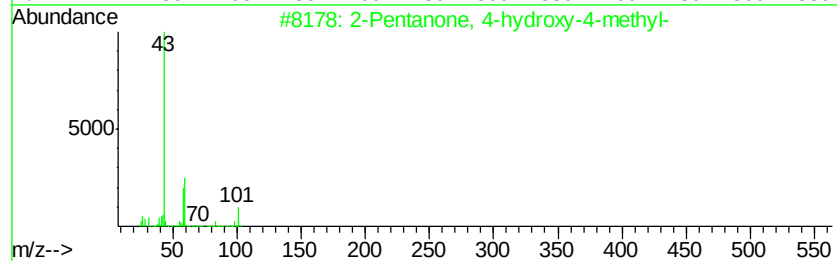
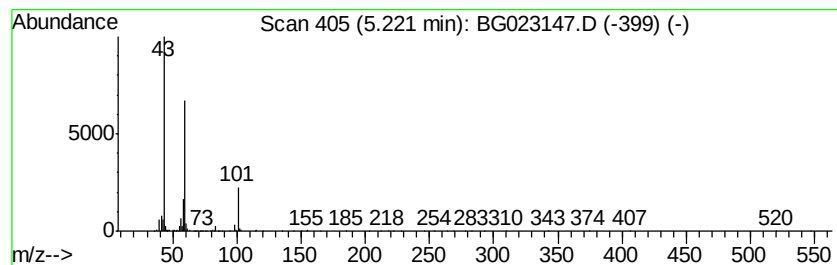
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	9.04 ng	386614	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4		Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5		2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28



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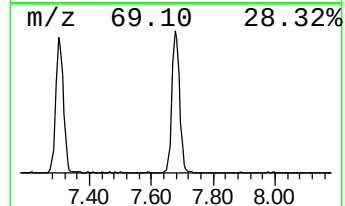
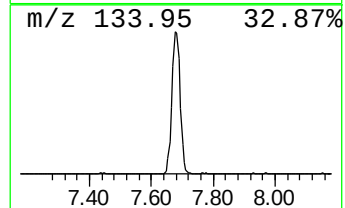
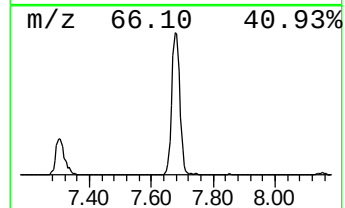
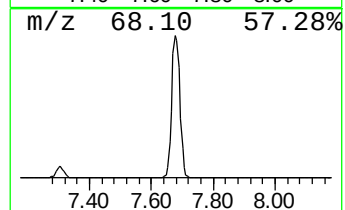
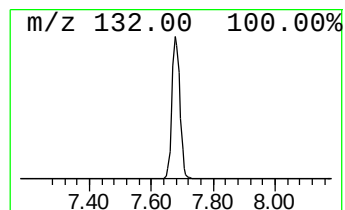
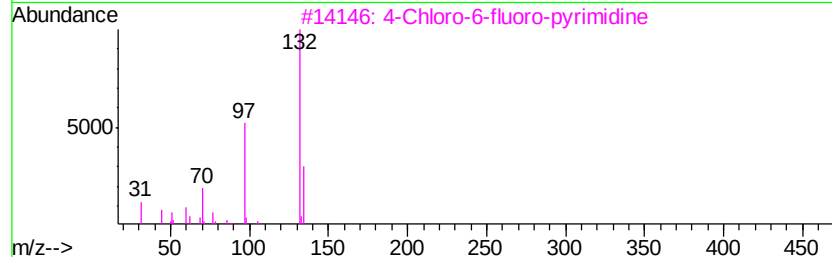
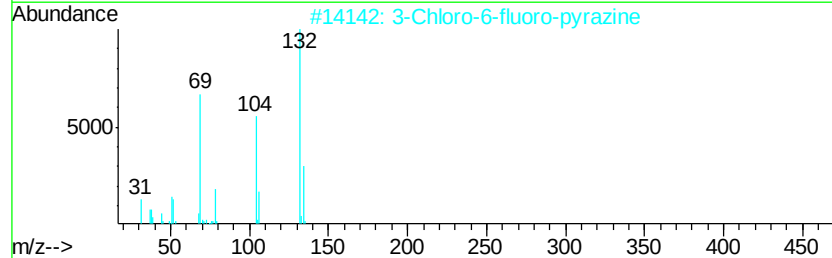
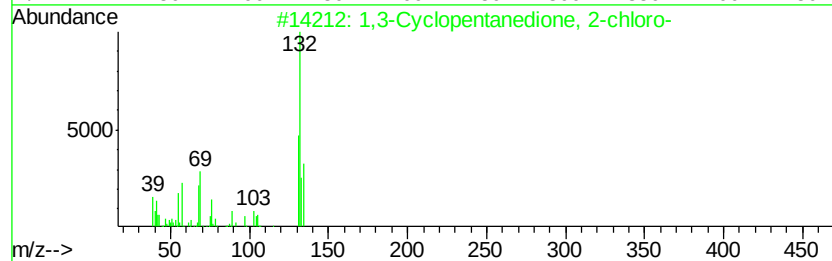
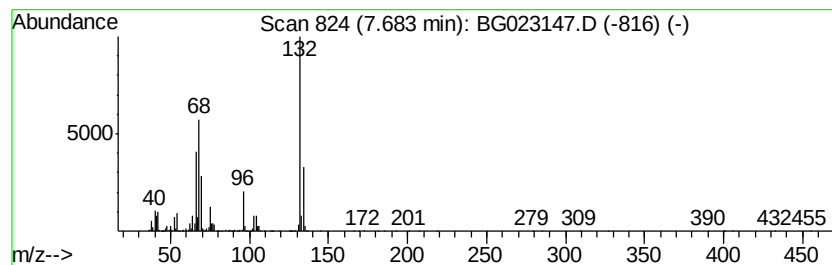
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	65.66 ng	2806860	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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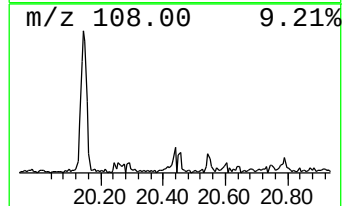
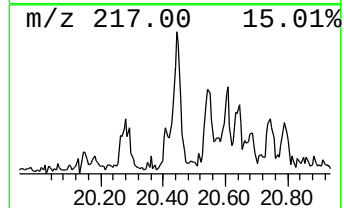
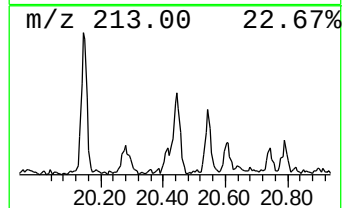
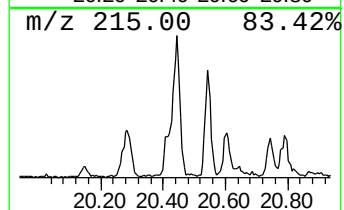
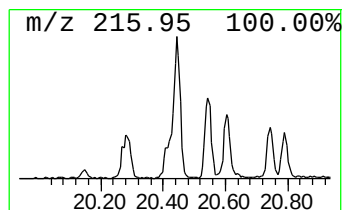
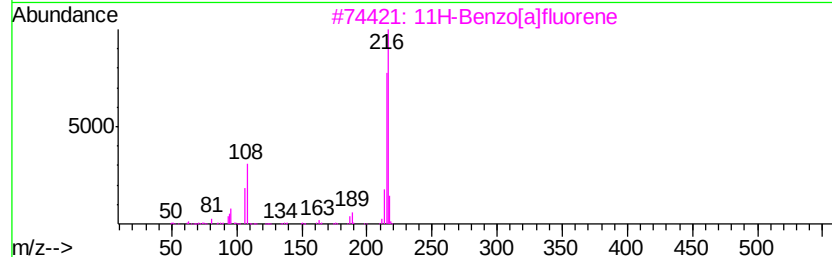
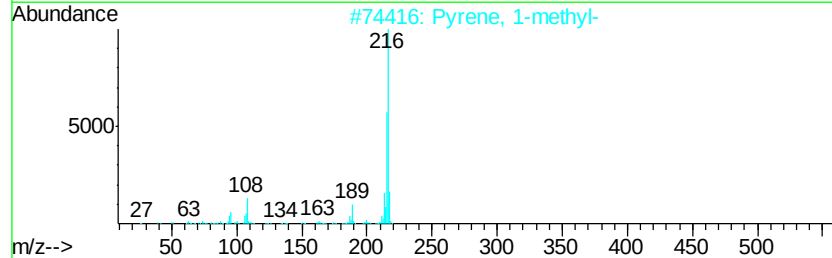
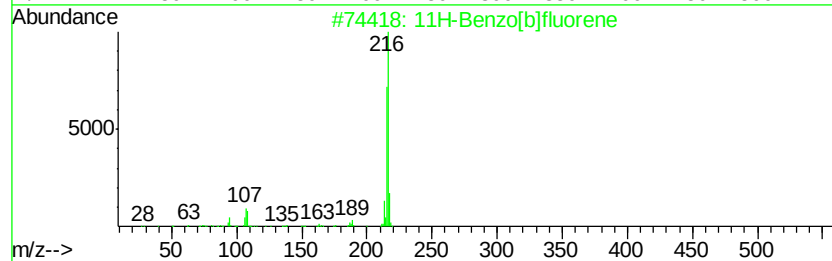
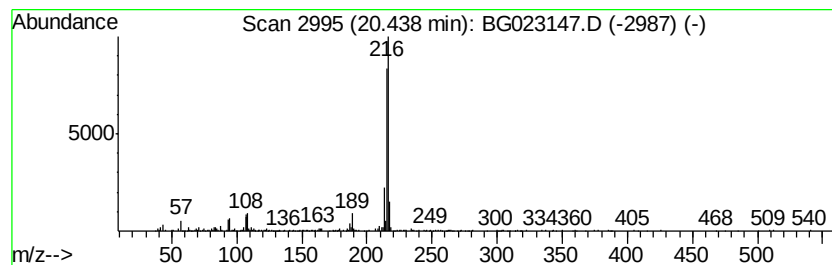
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.44 ng	568001	Chrysene-d12	21.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023147.D
Acq On : 16 Jul 2016 15:01
Operator : UM/SJ
Sample : H4018-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

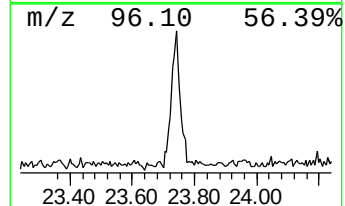
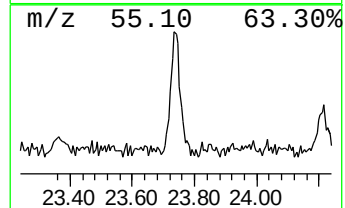
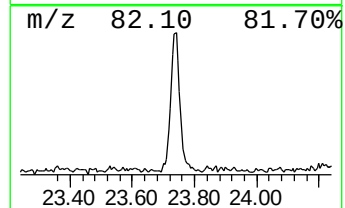
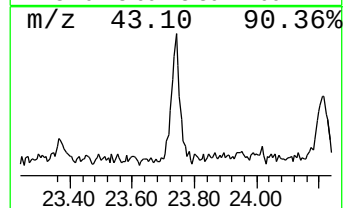
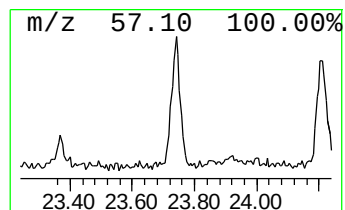
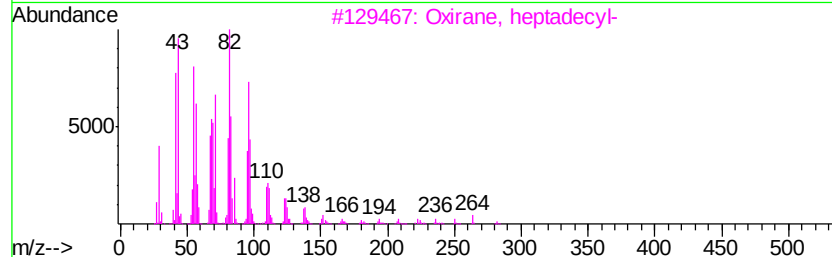
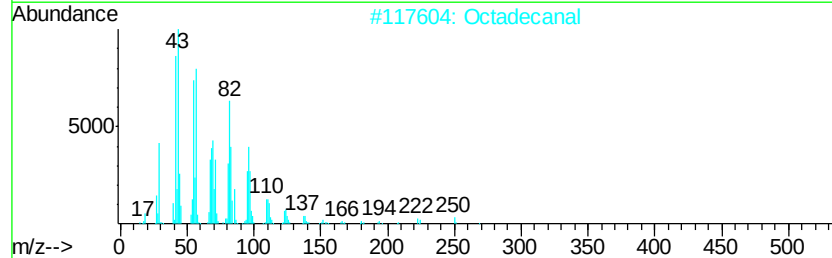
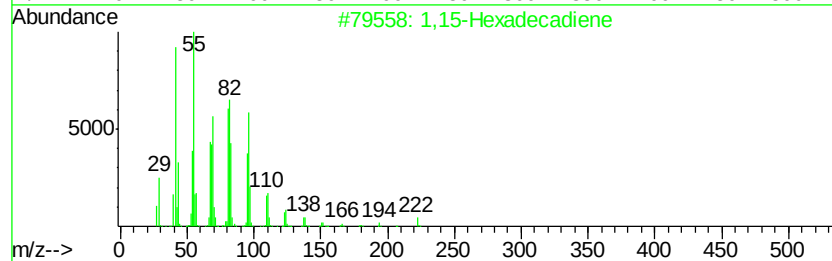
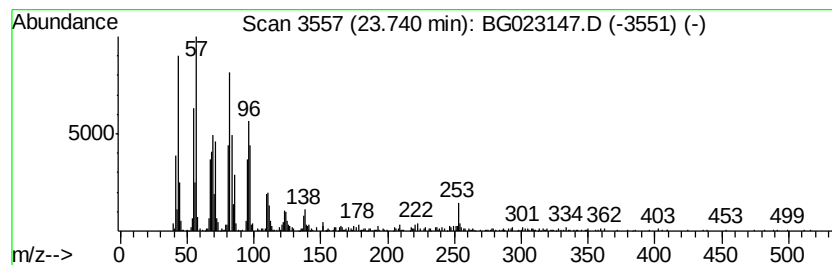
Instrument :
BNA_G
ClientSampleId :
C8-B4(0-5)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,15-Hexadecadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.74	6.31 ng	819908	Perylene-d12		25.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Hexadecadiene	222	C16H30	021964-51-2	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023147.D
Acq On : 16 Jul 2016 15:01
Operator : UM/SJ
Sample : H4018-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

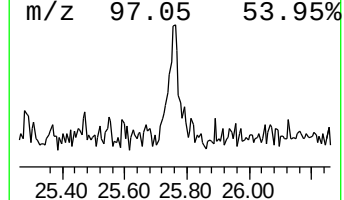
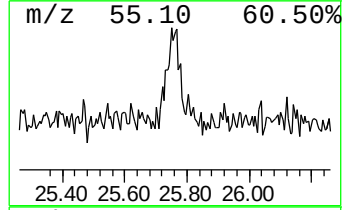
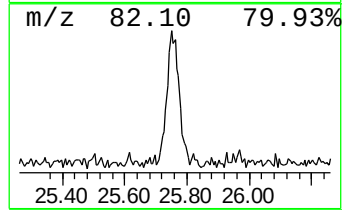
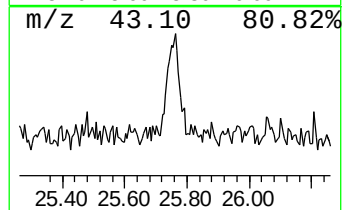
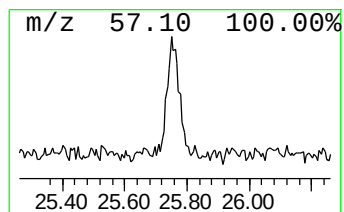
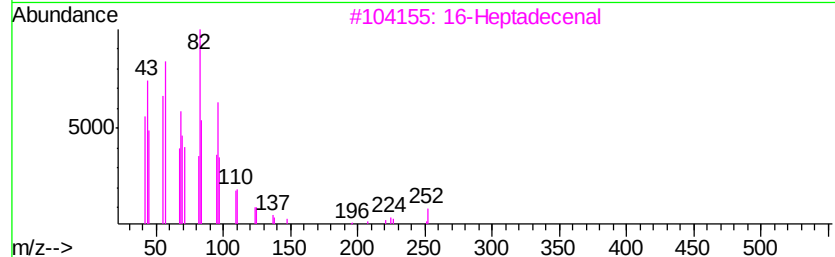
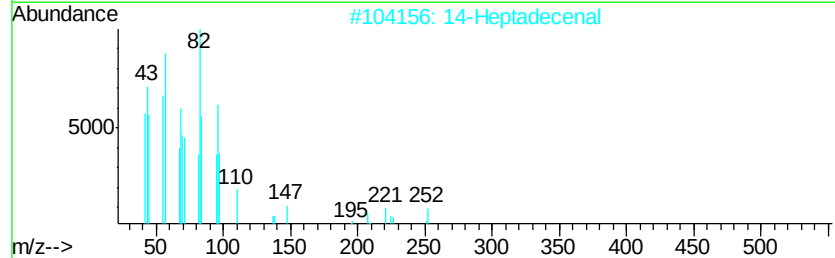
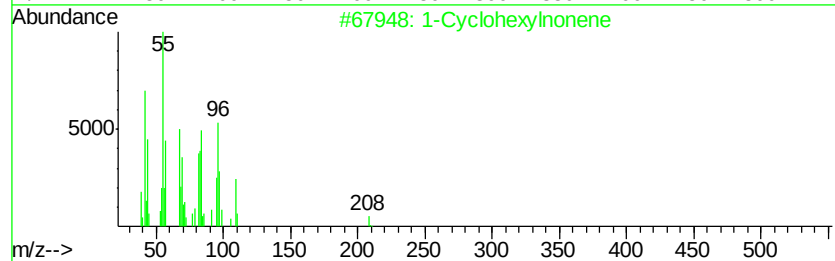
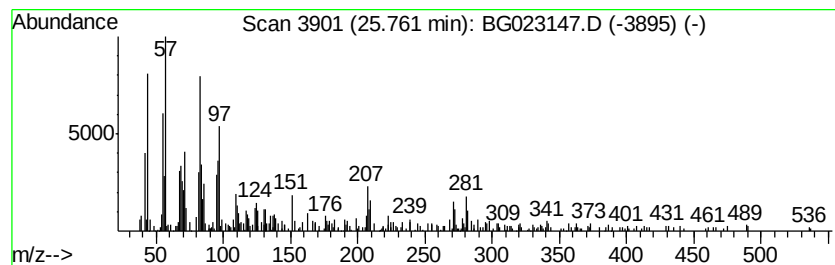
Instrument :
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ClientSampleId :
C8-B4(0-5)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Cyclohexylnonene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.76	3.47 ng	451338	Perylene-d12	25.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylnonene	208	C15H28	114614-84-5	52
2	14-Heptadecenal	252	C17H32O	1000144-58-0	50
3	16-Heptadecenal	252	C17H32O	1000144-57-9	50
4	Octadecanal	268	C18H36O	000638-66-4	45
5	1,19-Eicosadiene	278	C20H38	014811-95-1	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023147.D
Acq On : 16 Jul 2016 15:01
Operator : UM/SJ
Sample : H4018-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C8-B4(0-5)C

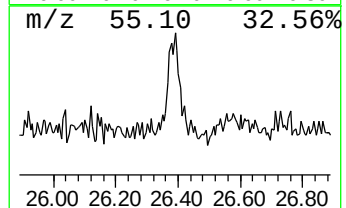
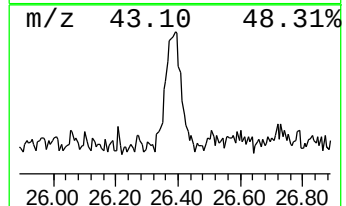
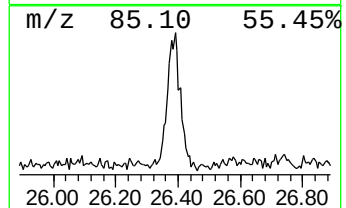
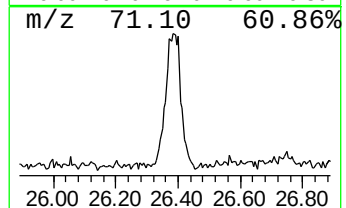
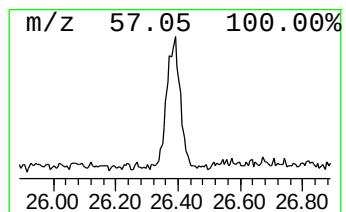
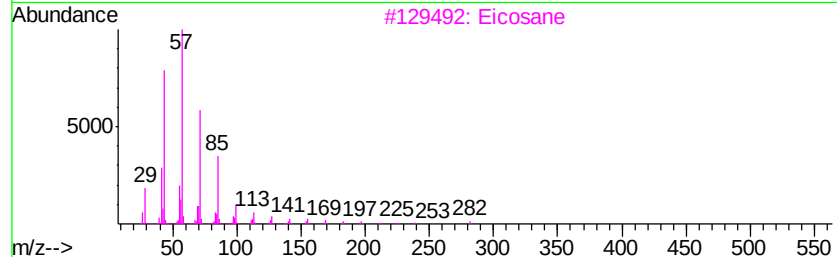
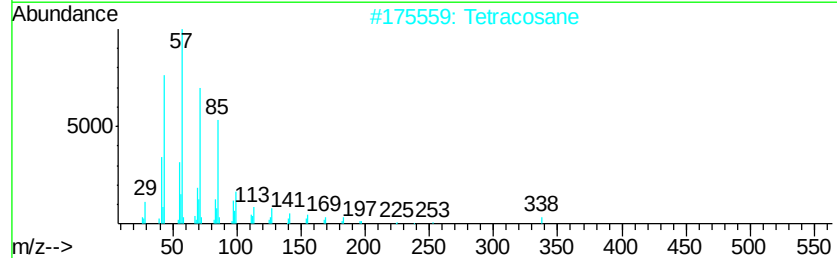
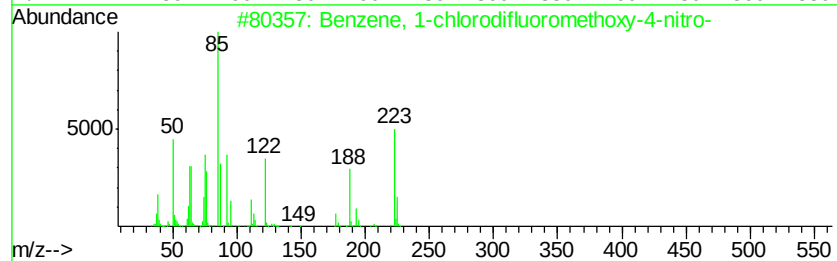
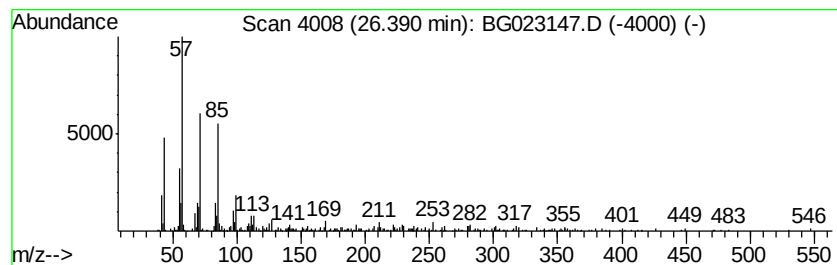
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-chlorodifluorome... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	3.62 ng	470800	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chlorodifluoromethoxy...	223	C7H4ClF2NO3	040750-71-8	92
2		Tetracosane	338	C24H50	000646-31-1	86
3		Eicosane	282	C20H42	000112-95-8	83
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023147.D
Acq On : 16 Jul 2016 15:01
Operator : UM/SJ
Sample : H4018-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C8-B4(0-5)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
Cyclopentane, met...	2.89	36.0	ng	1540230	1	8.15	854981	20.0
unknown3.04	3.04	35.5	ng	1515460	1	8.15	854981	20.0
2-Pentanone, 4-hy...	5.22	9.0	ng	386614	1	8.15	854981	20.0
unknown7.68	7.68	65.7	ng	2806860	1	8.15	854981	20.0
11H-Benzo[b]fluorene	20.44	2.4	ng	568001	5	21.85	4653950	20.0
1,15-Hexadecadiene	23.74	6.3	ng	819908	6	25.22	2600810	20.0
1-Cyclohexylnonene	25.76	3.5	ng	451338	6	25.22	2600810	20.0
Benzene, 1-chloro...	26.39	3.6	ng	470800	6	25.22	2600810	20.0