

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
 Data File : BG021716.D  
 Acq On : 16 Apr 2016 14:01  
 Operator : UM/SJ  
 Sample : H2559-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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	2.950	17	19	39	rVB3	15226	39447	1.53%	0.293%
2	3.097	39	44	65	rVB	1627905	2575393	100.00%	19.133%
3	5.294	412	418	428	rBV	24723	40463	1.57%	0.301%
4	5.764	491	498	509	rBV	433978	720386	27.97%	5.352%
5	7.368	763	771	787	rVB	480638	845313	32.82%	6.280%
6	7.750	828	836	843	rBV	445256	796302	30.92%	5.916%
7	8.214	908	915	922	rBV	94186	160457	6.23%	1.192%
8	8.543	962	971	978	rBV	322415	577845	22.44%	4.293%
9	9.383	1106	1114	1122	rBV	297560	532217	20.67%	3.954%
10	11.034	1387	1395	1404	rVB	138149	255062	9.90%	1.895%
11	13.449	1798	1806	1813	rBV	835444	1285759	49.92%	9.552%
12	14.266	1936	1945	1951	rBV	82779	121126	4.70%	0.900%
13	14.824	2033	2040	2050	rVB2	239783	383206	14.88%	2.847%
14	15.641	2174	2179	2184	rVB	34694	46787	1.82%	0.348%
15	16.305	2286	2292	2303	rVB	652795	1011655	39.28%	7.516%
16	16.493	2320	2324	2335	rBV	40572	69768	2.71%	0.518%
17	17.286	2455	2459	2465	rBV2	21326	26181	1.02%	0.195%
18	17.556	2498	2505	2511	rBV2	304415	474623	18.43%	3.526%
19	20.141	2939	2945	2952	rBV	1439067	1920977	74.59%	14.271%
20	21.440	3162	3166	3173	rBV	52401	73118	2.84%	0.543%
21	21.692	3205	3209	3217	rVB2	27377	44544	1.73%	0.331%
22	21.828	3226	3232	3239	rVB	321033	549265	21.33%	4.081%
23	22.004	3258	3262	3268	rVB	40201	56954	2.21%	0.423%
24	22.632	3364	3369	3376	rVB2	42256	70455	2.74%	0.523%
25	23.343	3483	3490	3498	rVB4	51860	123824	4.81%	0.920%
26	24.178	3627	3632	3639	rVB3	30845	64257	2.50%	0.477%
27	25.165	3790	3800	3814	rVB2	196497	594875	23.10%	4.419%

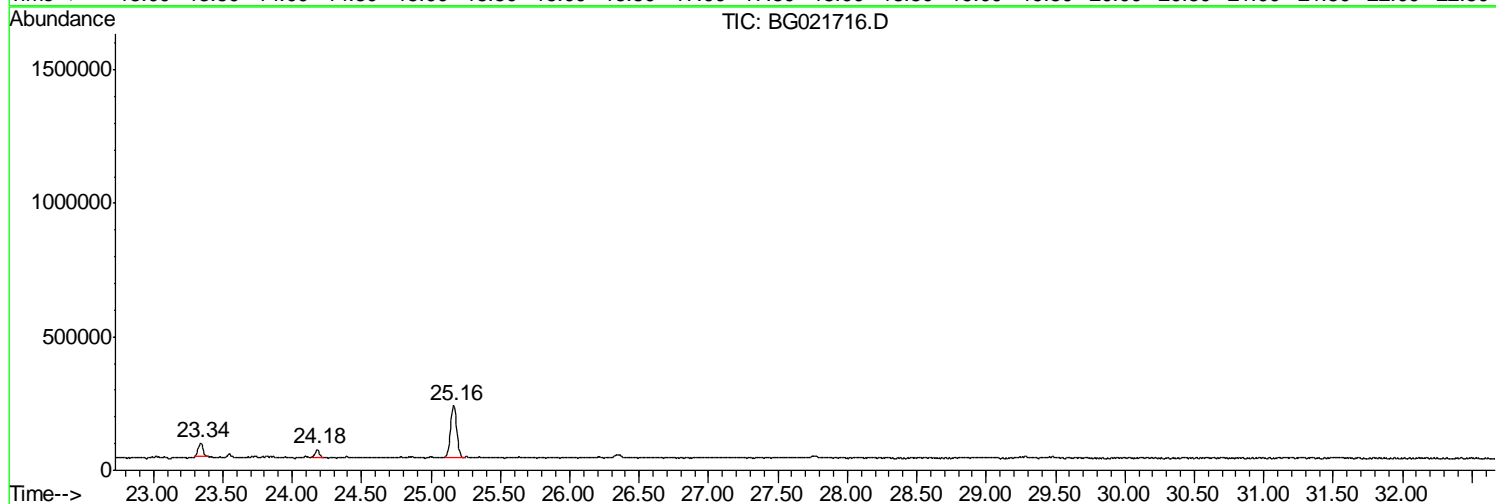
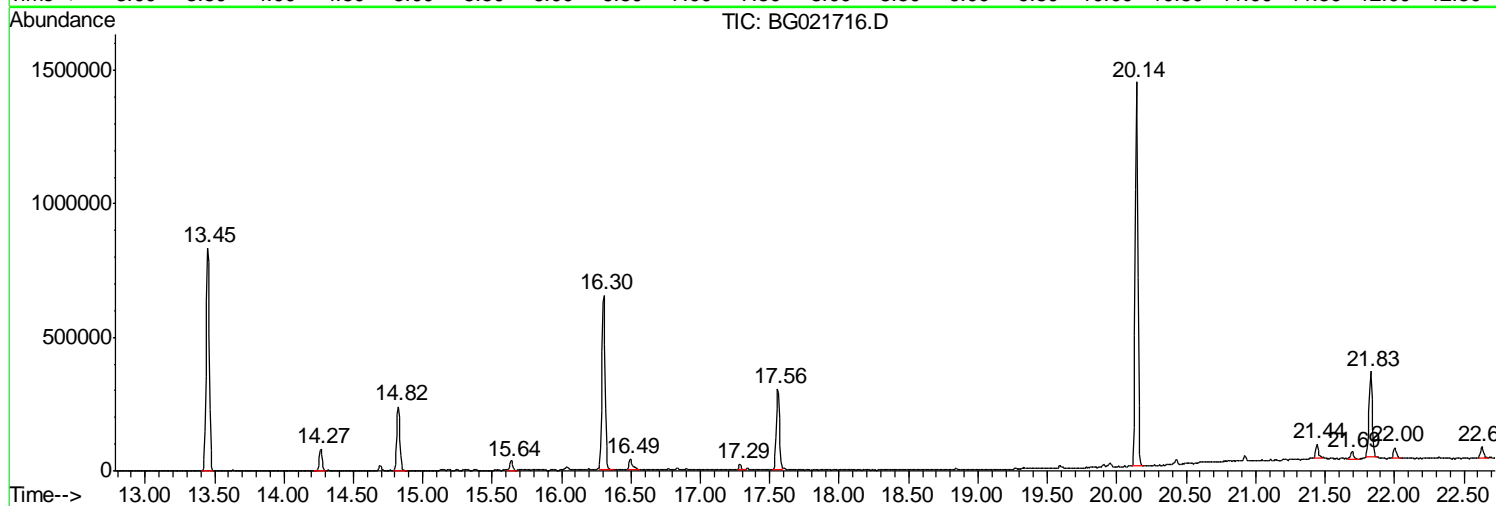
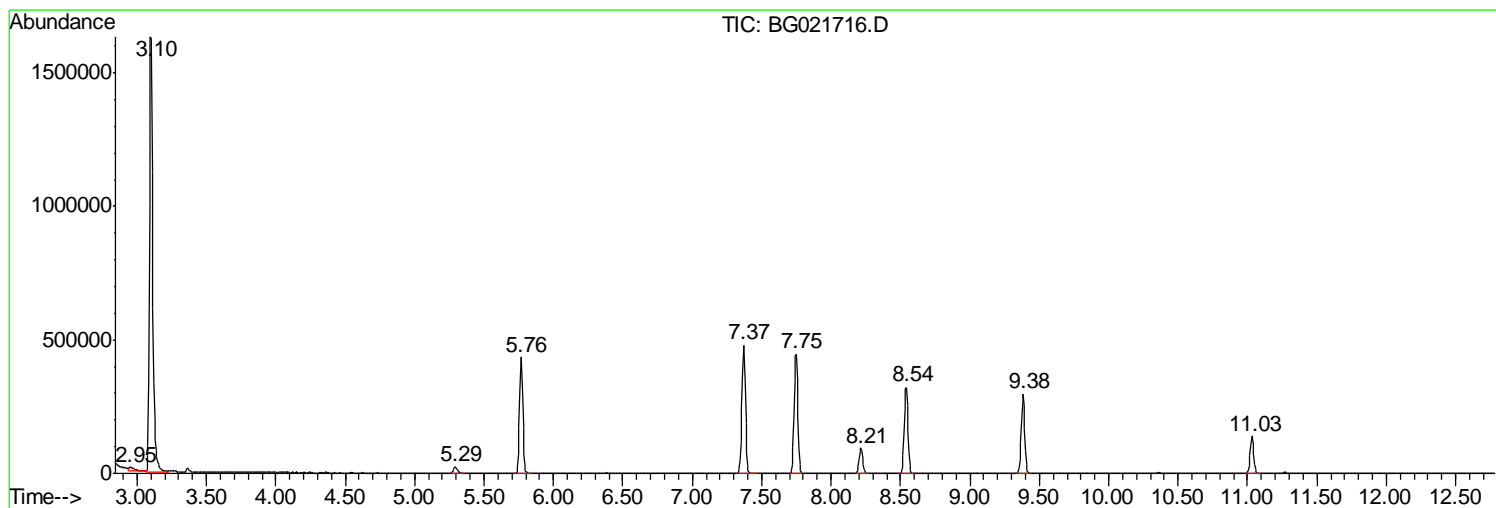
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :  
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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



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 ClientSampled :  
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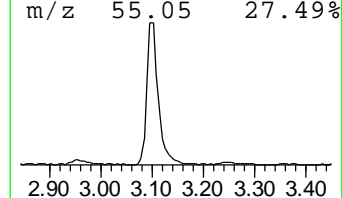
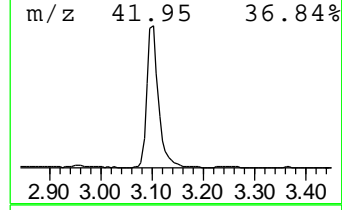
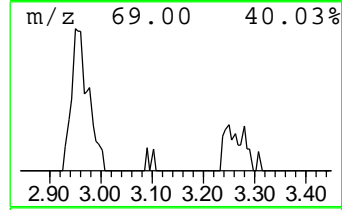
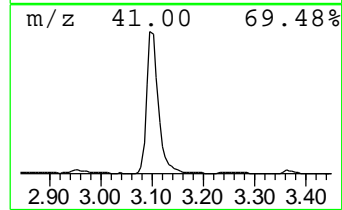
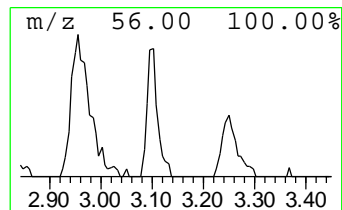
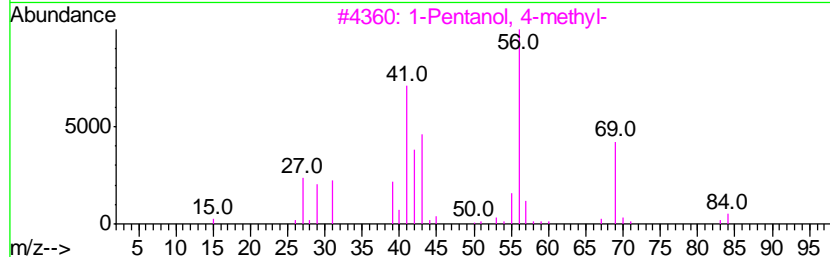
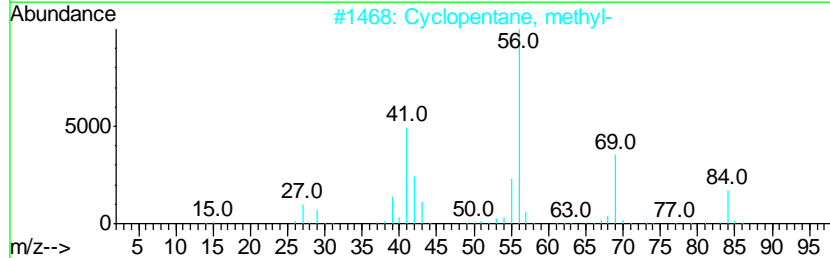
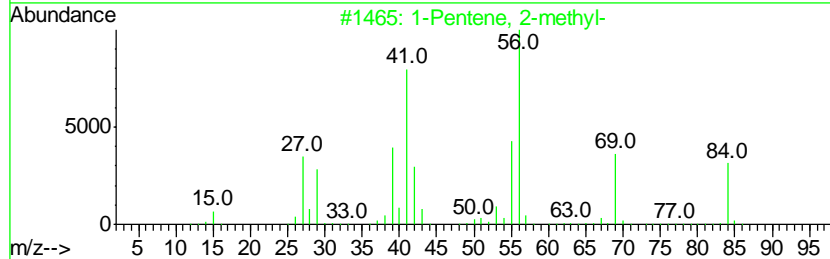
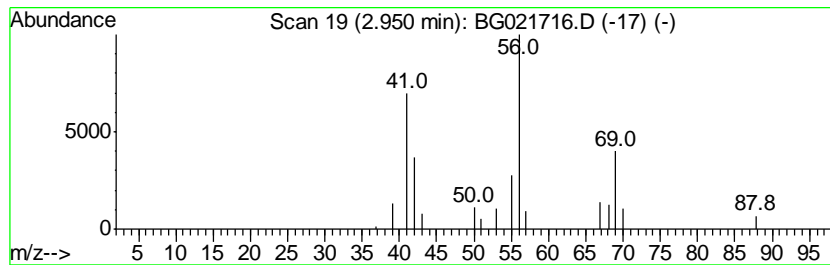
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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 Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	4.92 ng	39447	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	45
3		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	36
4		1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	33
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	33



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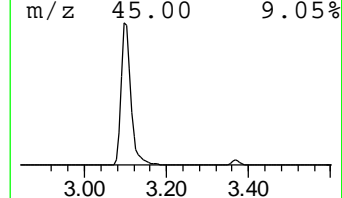
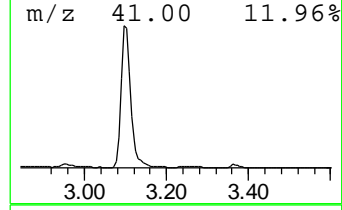
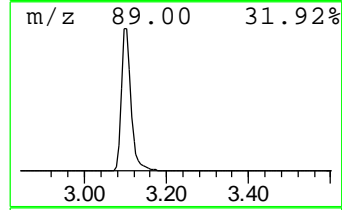
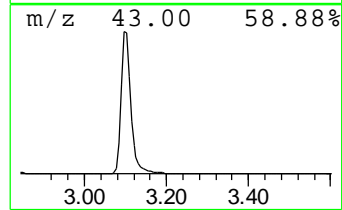
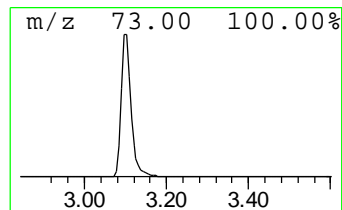
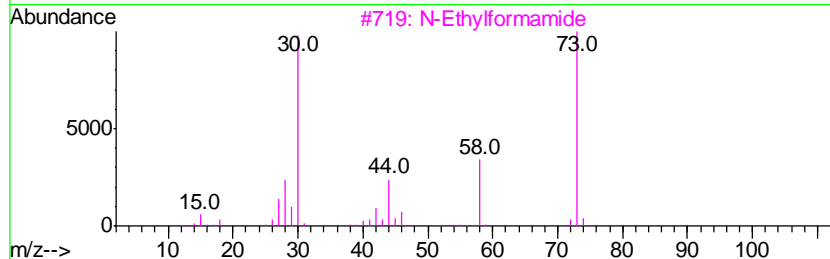
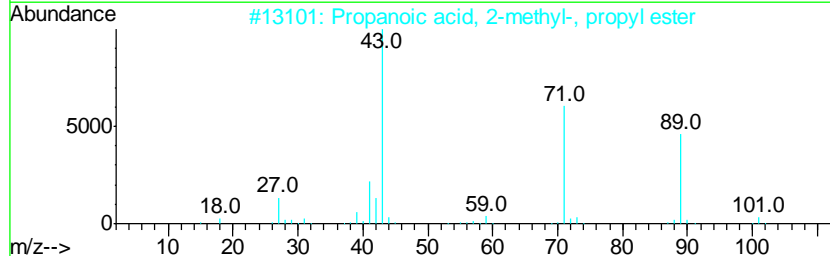
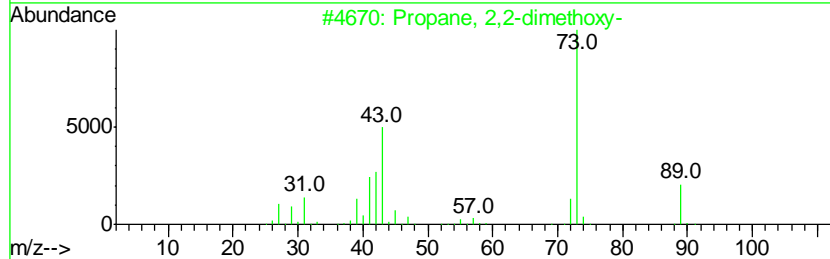
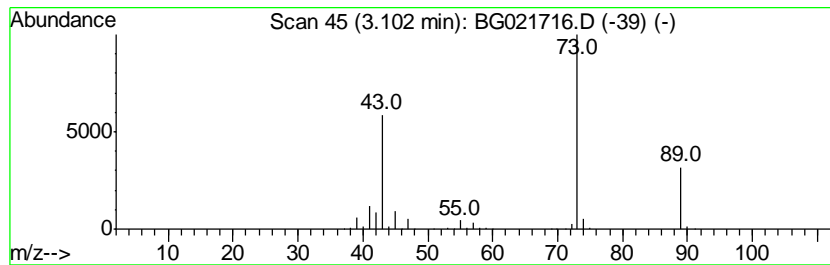
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 Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	321.01 ng	2575390	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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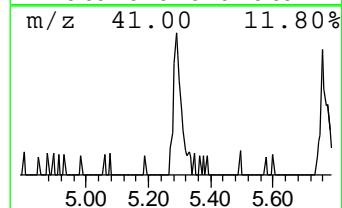
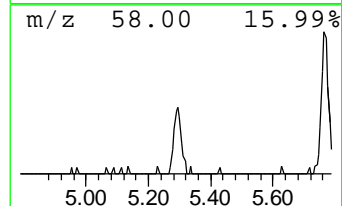
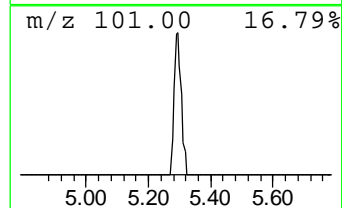
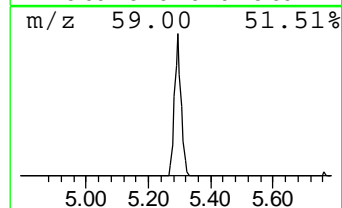
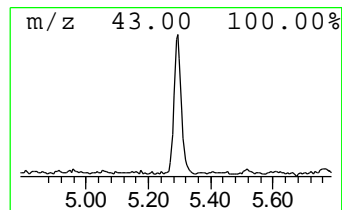
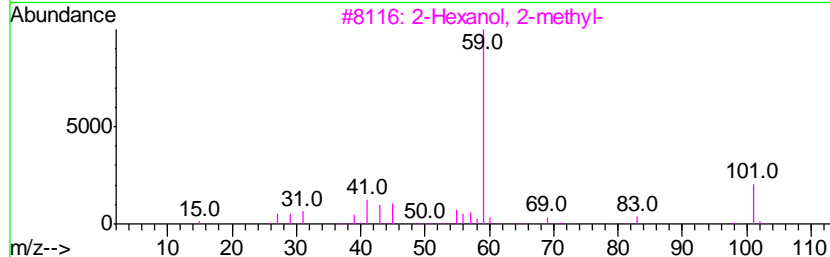
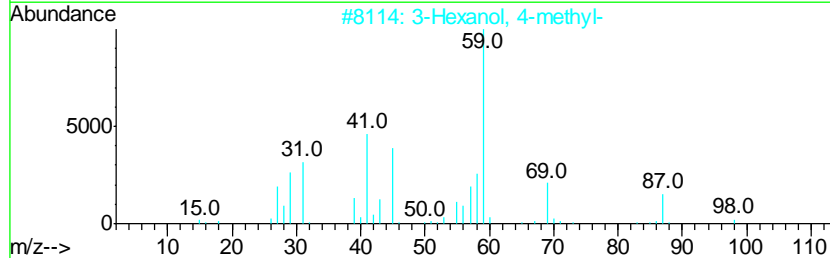
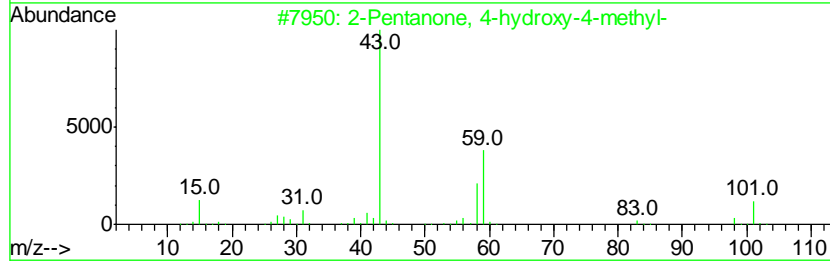
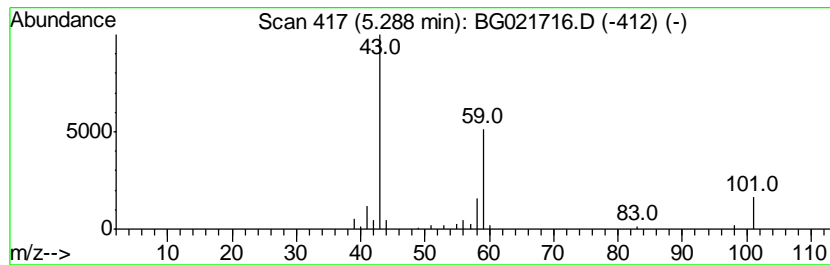
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.04 ng	40463	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetone	58	C3H6O	000067-64-1	12
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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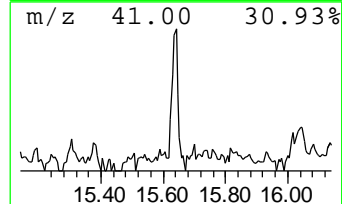
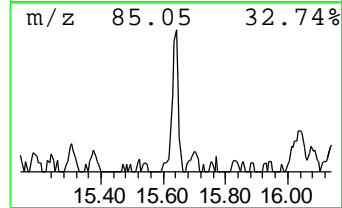
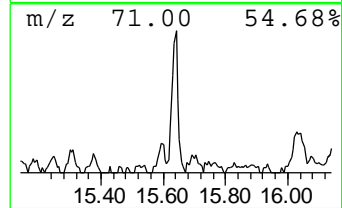
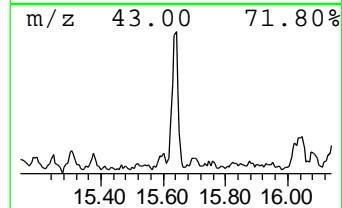
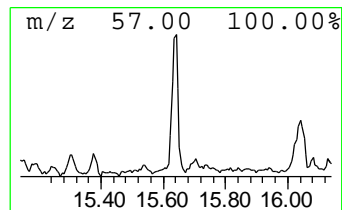
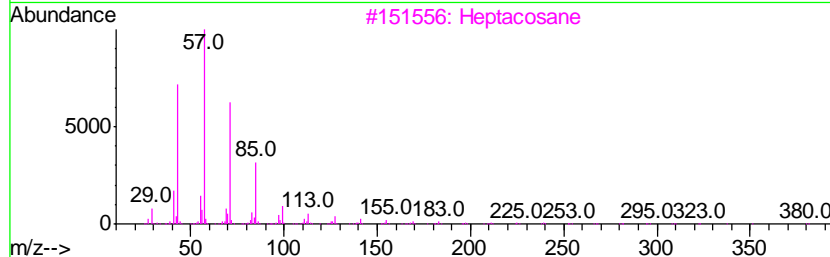
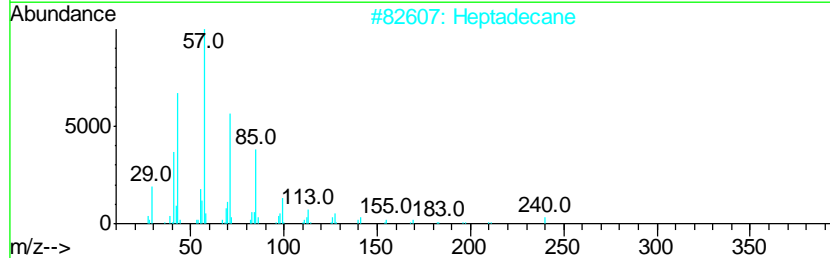
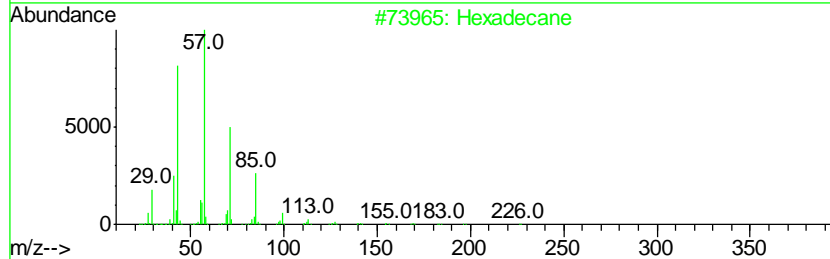
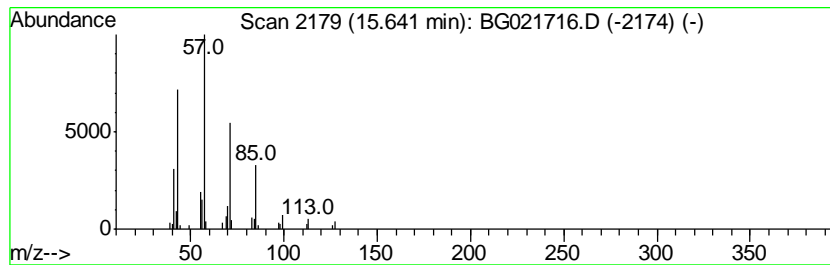
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 Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.44 ng	46787	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heptacosane	380	C27H56	000593-49-7	86
4		Pentadecane	212	C15H32	000629-62-9	83
5		Nonadecane	268	C19H40	000629-92-5	83



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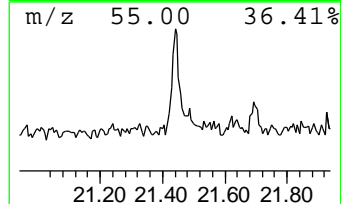
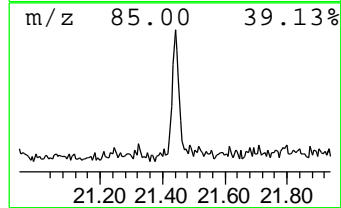
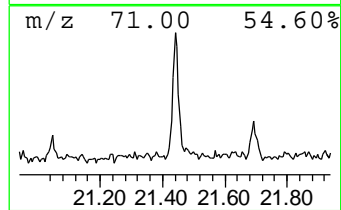
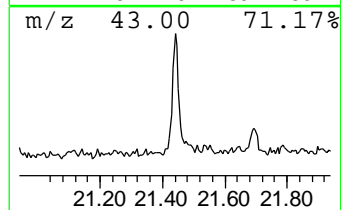
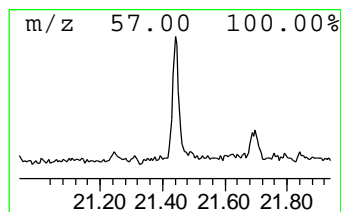
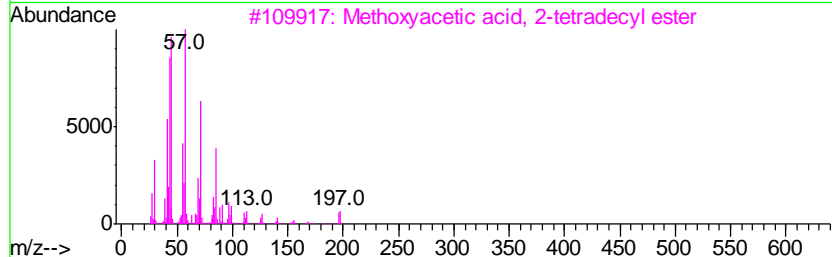
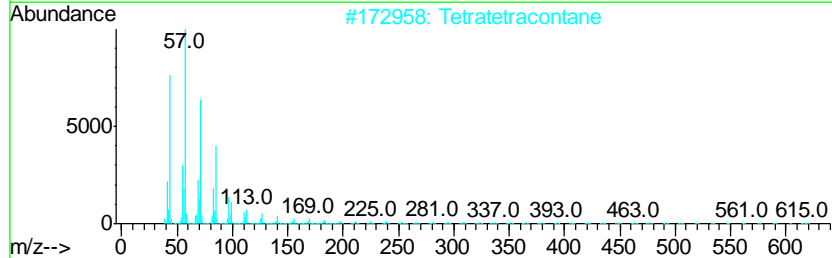
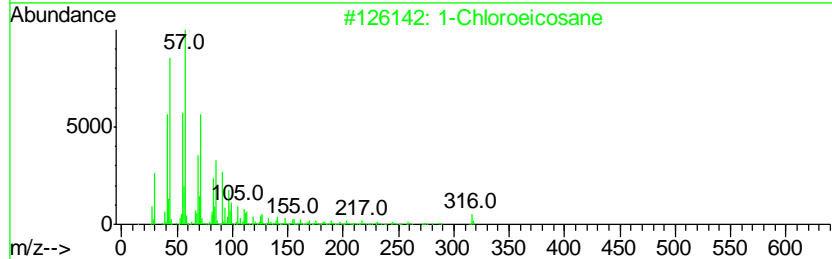
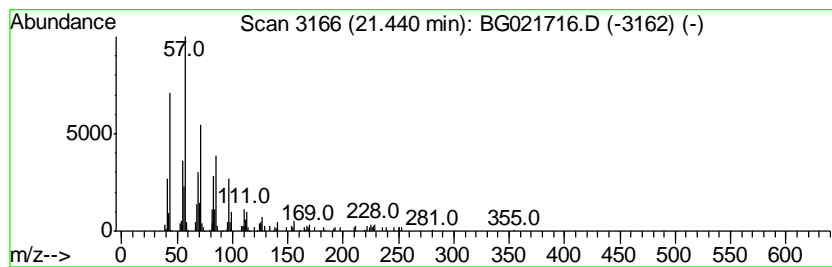
TIC Library : C:\DATABASE\NIST02.L  
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 Peak Number 8 1-Chloroeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.66 ng	73118	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	90
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
4		Hexadecane	226	C16H34	000544-76-3	64
5		Hexatriacontane	507	C36H74	000630-06-8	64



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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

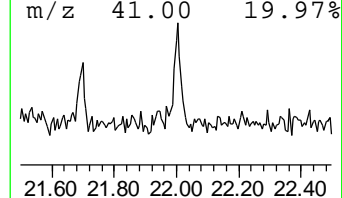
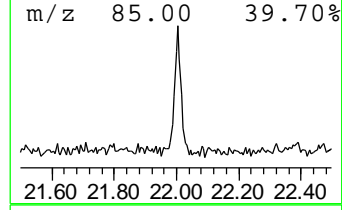
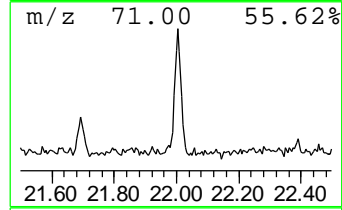
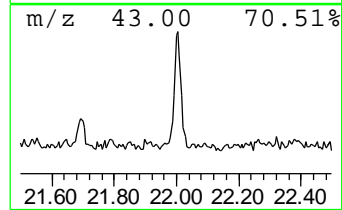
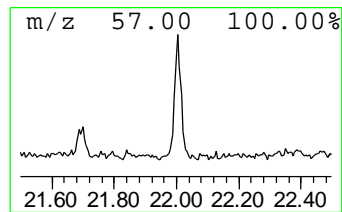
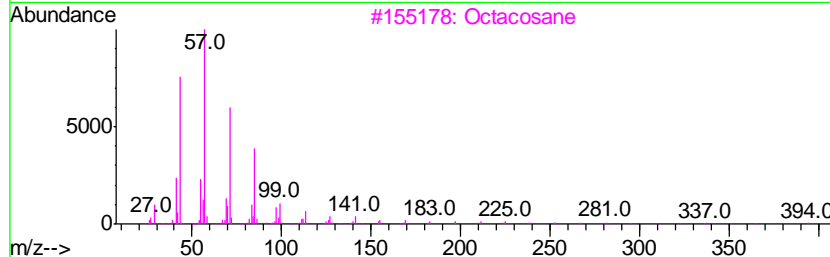
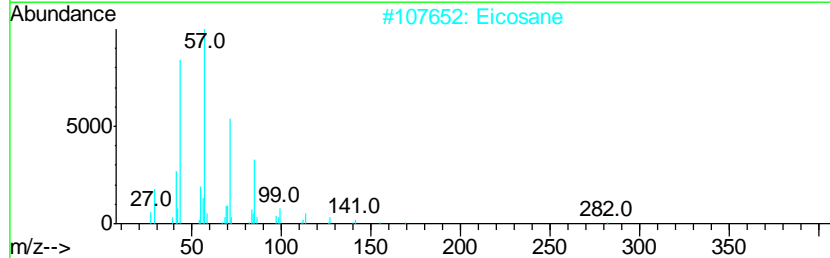
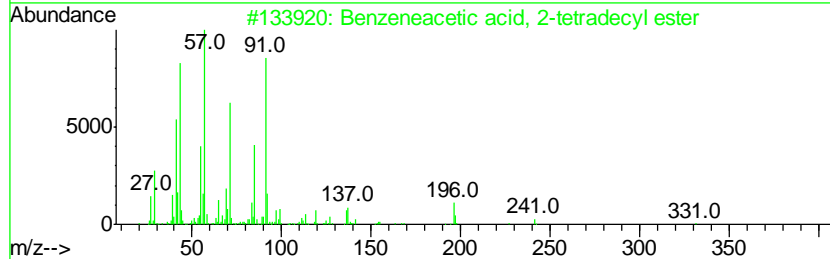
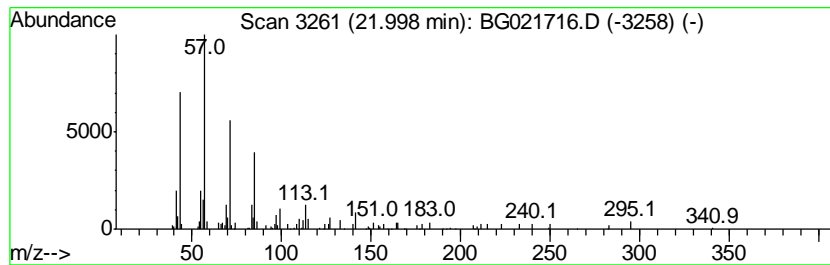
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 TIC Integration Parameters: LSCINT.P

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 Peak Number 9 Benzeneacetic acid, 2-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.07 ng	56954	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, 2-tetradecyl...	332	C22H36O2	1000282-02-4	72
2		Eicosane	282	C20H42	000112-95-8	72
3		Octacosane	394	C28H58	000630-02-4	58
4		Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	46
5		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
 Data File : BG021716.D  
 Acq On : 16 Apr 2016 14:01  
 Operator : UM/SJ  
 Sample : H2559-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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

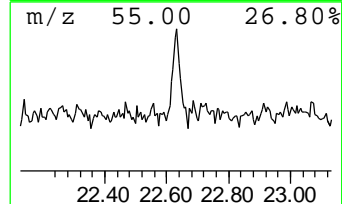
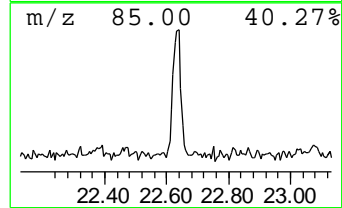
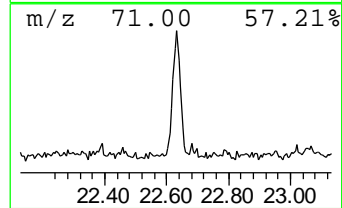
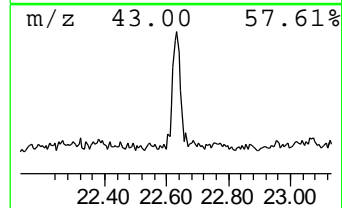
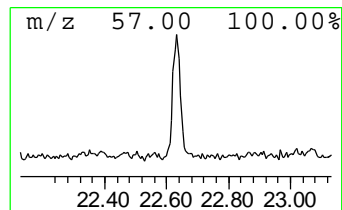
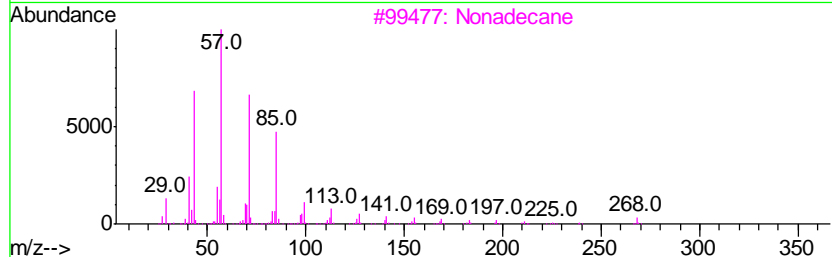
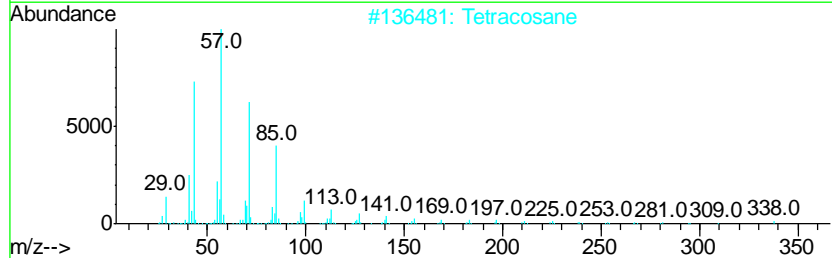
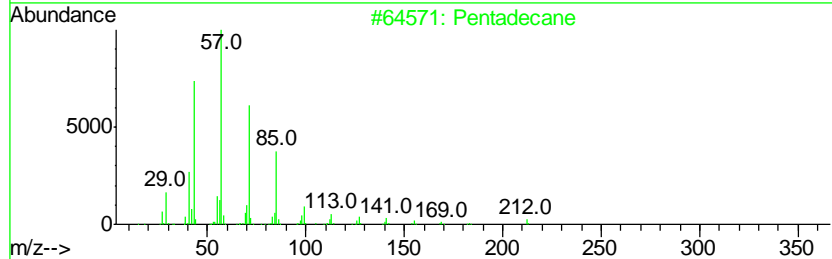
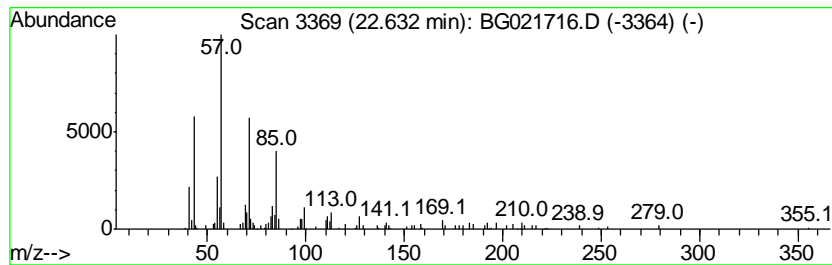
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.57 ng	70455	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
 Data File : BG021716.D  
 Acq On : 16 Apr 2016 14:01  
 Operator : UM/SJ  
 Sample : H2559-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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

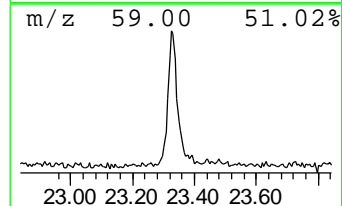
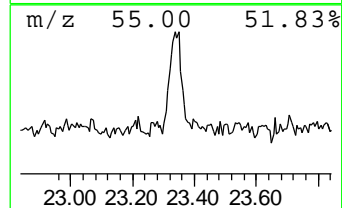
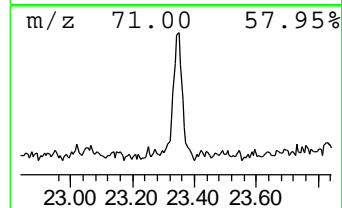
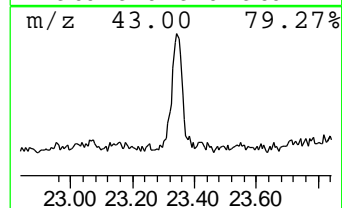
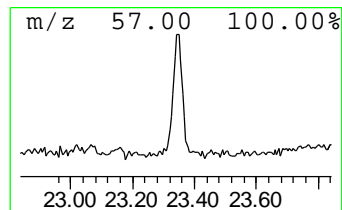
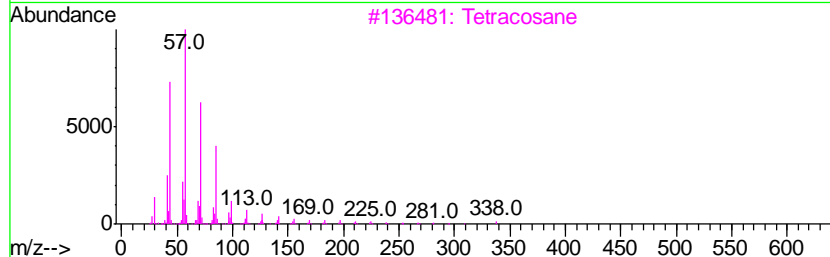
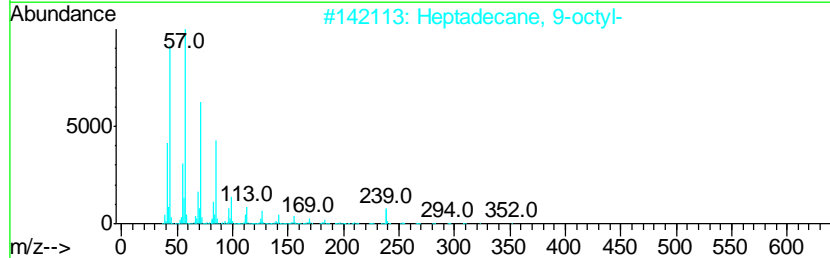
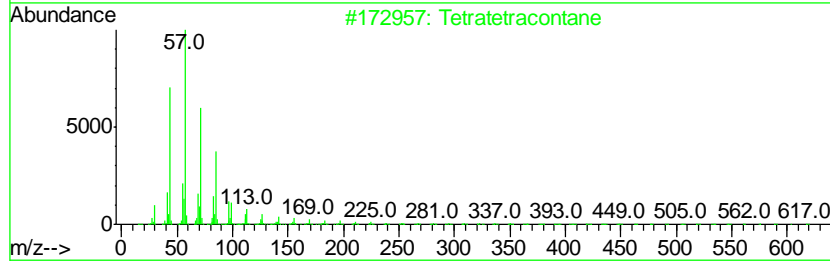
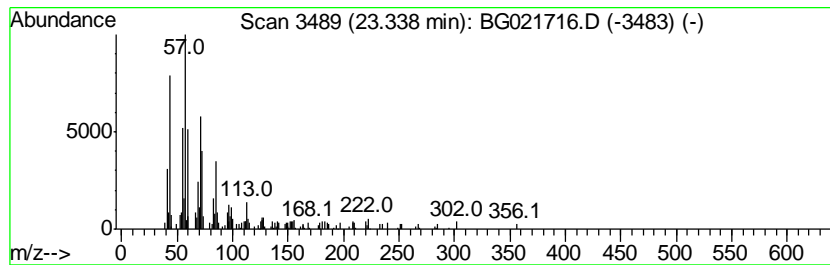
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 11 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	4.51 ng	123824	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	70
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
3		Tetracosane	338	C24H50	000646-31-1	62
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	62
5		Hexatriacontane	507	C36H74	000630-06-8	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
 Data File : BG021716.D  
 Acq On : 16 Apr 2016 14:01  
 Operator : UM/SJ  
 Sample : H2559-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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

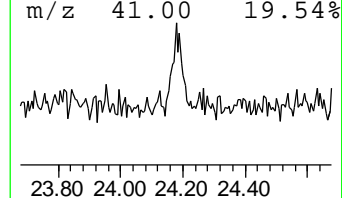
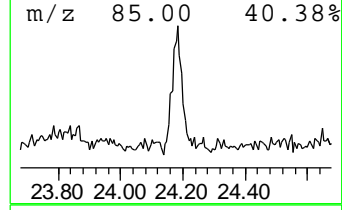
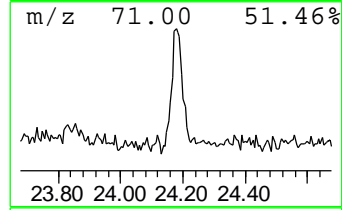
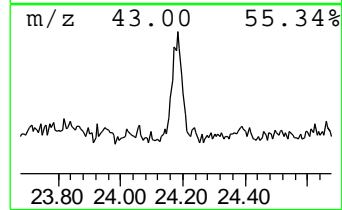
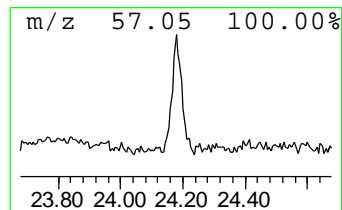
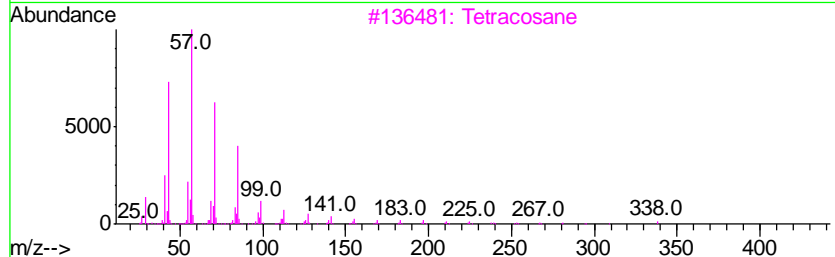
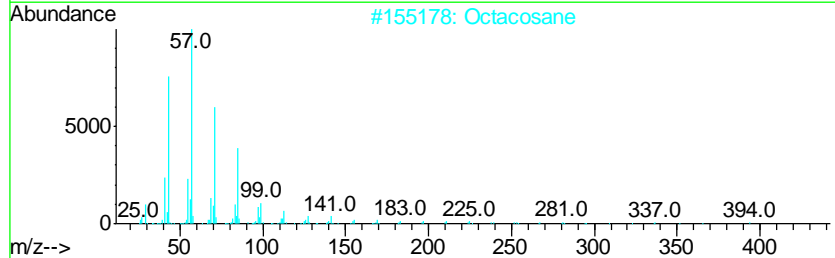
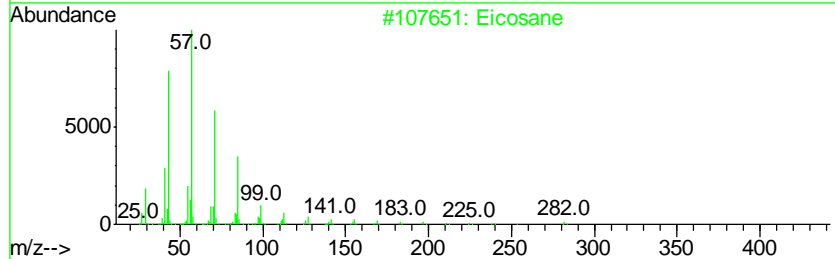
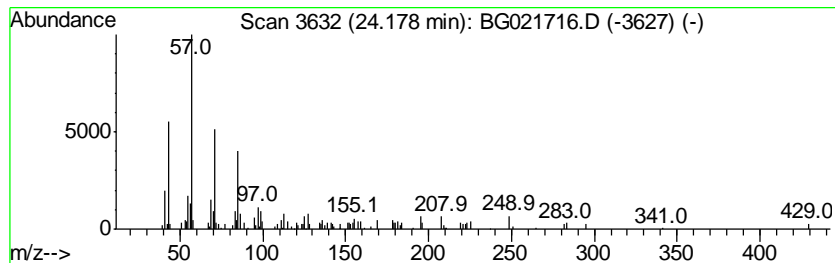
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	2.16 ng	64257	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	81
2		Octacosane	394	C28H58	000630-02-4	80
3		Tetracosane	338	C24H50	000646-31-1	72
4		Docosane, 7-butyl-	366	C26H54	055282-15-0	72
5		Pentacosane	352	C25H52	000629-99-2	72



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041516\  
 Data File : BG021716.D  
 Acq On : 16 Apr 2016 14:01  
 Operator : UM/SJ  
 Sample : H2559-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

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
1-Pentene, 2-methyl-	2.95	4.9	ng	39447	1	8.21	160457	20.0
Propane, 2,2-dime...	3.10	321.0	ng	2575390	1	8.21	160457	20.0
2-Pentanone, 4-hy...	5.29	5.0	ng	40463	1	8.21	160457	20.0
Hexadecane	15.64	2.4	ng	46787	3	14.82	383206	20.0
1-Chloroeicosane	21.44	2.7	ng	73118	5	21.83	549265	20.0
Benzeneacetic aci...	22.00	2.1	ng	56954	5	21.83	549265	20.0
Pentadecane	22.63	2.6	ng	70455	5	21.83	549265	20.0
Tetratetracontane	23.34	4.5	ng	123824	5	21.83	549265	20.0
Eicosane	24.18	2.2	ng	64257	6	25.16	594875	20.0