

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021061.D
 Acq On : 24 Feb 2016 21:11
 Operator : UM/SJ
 Sample : H1521-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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	3.050	31	36	51	rBV	176829	232013	97.88%	11.806%
2	3.197	57	61	67	rBB	4233	7038	2.97%	0.358%
3	5.283	411	416	425	rBB	19406	28763	12.13%	1.464%
4	5.776	494	500	508	rBB	78225	123972	52.30%	6.308%
5	7.403	770	777	785	rBV	94218	159594	67.33%	8.121%
6	7.750	830	836	843	rBB	93596	154624	65.23%	7.868%
7	8.202	908	913	918	rBB	14329	22043	9.30%	1.122%
8	8.531	962	969	975	rBB	66640	107921	45.53%	5.491%
9	9.383	1107	1114	1122	rBB	60995	107427	45.32%	5.466%
10	11.022	1387	1393	1400	rBB	26093	44813	18.90%	2.280%
11	13.448	1799	1806	1812	rBB	159547	237048	100.00%	12.062%
12	14.270	1939	1946	1952	rBB	22734	32876	13.87%	1.673%
13	14.664	2009	2013	2016	rBB	5756	7179	3.03%	0.365%
14	14.817	2033	2039	2045	rBB2	37774	59551	25.12%	3.030%
15	15.610	2170	2174	2178	rVB	7460	9184	3.87%	0.467%
16	16.015	2236	2243	2246	rBB2	1901	3785	1.60%	0.193%
17	16.303	2286	2292	2298	rBB	121296	172856	72.92%	8.796%
18	16.467	2315	2320	2328	rBV	6795	11968	5.05%	0.609%
19	16.626	2343	2347	2351	rBB	2118	2449	1.03%	0.125%
20	16.679	2352	2356	2363	rBB2	1721	2558	1.08%	0.130%
21	17.255	2450	2454	2458	rBB	3762	4431	1.87%	0.225%
22	17.554	2499	2505	2510	rBV2	40150	56426	23.80%	2.871%
23	18.406	2647	2650	2656	rBV2	4314	5939	2.51%	0.302%
24	19.587	2844	2851	2855	rBV	2543	3068	1.29%	0.156%
25	19.951	2908	2913	2918	rBV3	2446	4424	1.87%	0.225%
26	20.139	2939	2945	2950	rVB	170453	211965	89.42%	10.786%
27	20.374	2980	2985	2988	rBV2	1867	2910	1.23%	0.148%
28	20.814	3055	3060	3066	rVB2	18370	22636	9.55%	1.152%
29	21.408	3156	3161	3173	rBV	21350	32260	13.61%	1.642%
30	21.672	3201	3206	3208	rVB4	1599	2569	1.08%	0.131%
31	21.825	3226	3232	3237	rVB	27160	43506	18.35%	2.214%
32	23.264	3471	3477	3482	rBV6	1144	2543	1.07%	0.129%
33	24.081	3613	3616	3622	rVB4	2458	3421	1.44%	0.174%
34	25.144	3789	3797	3806	rVB3	13306	37998	16.03%	1.933%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1+20(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	26.847	4080	4087	4088	rBV4	1807	3493	1.47%	0.178%
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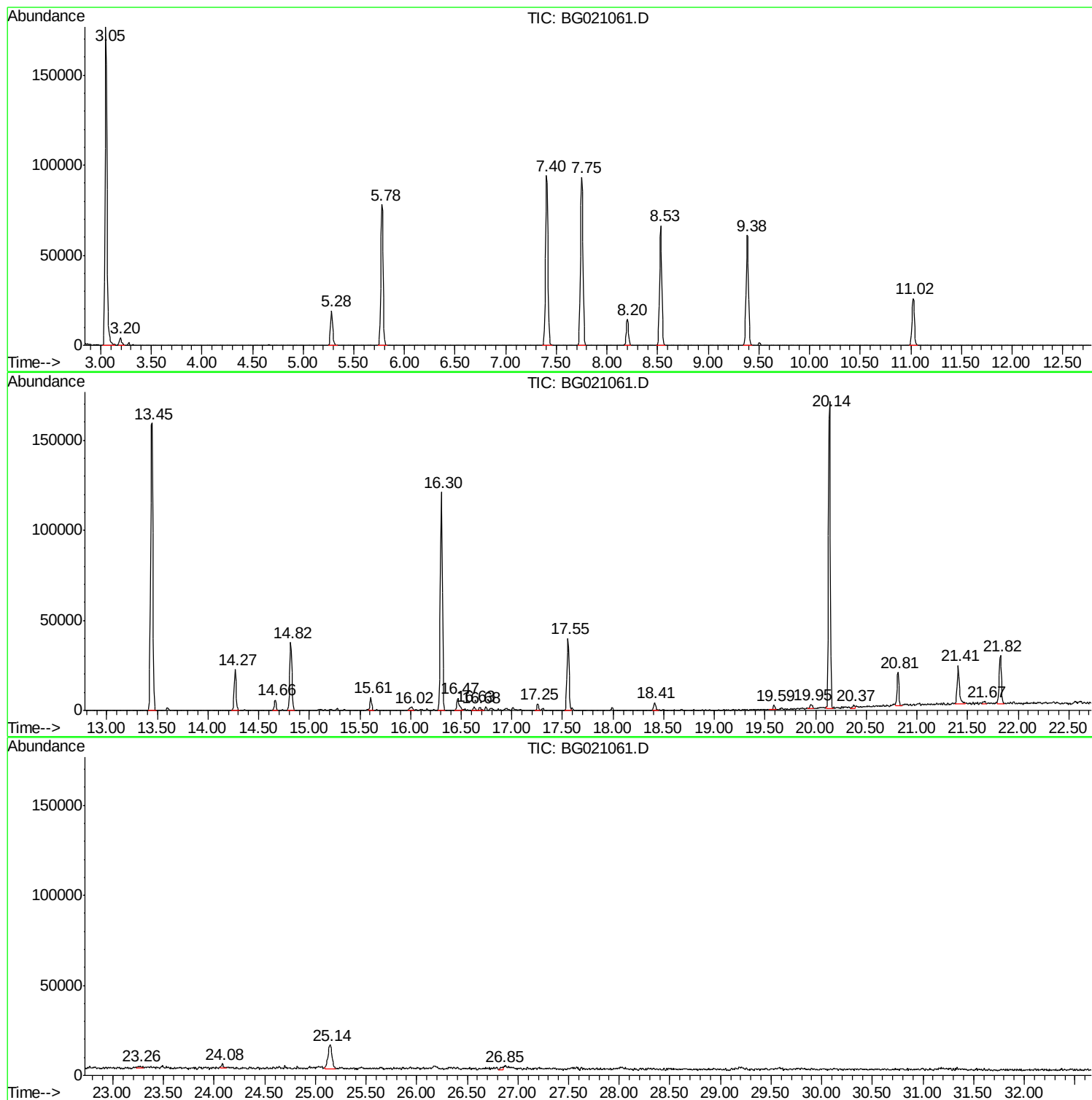
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
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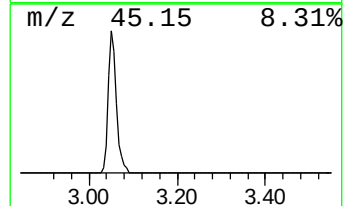
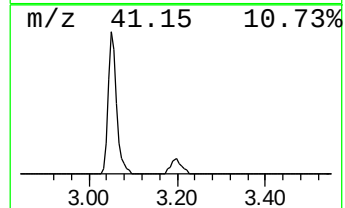
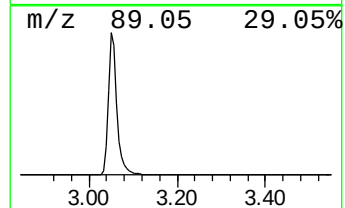
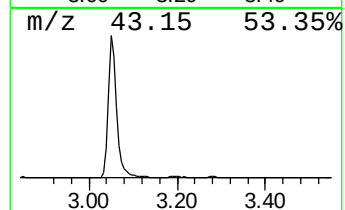
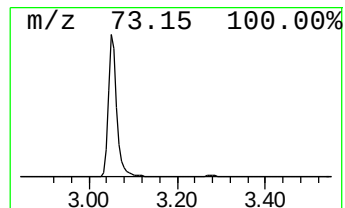
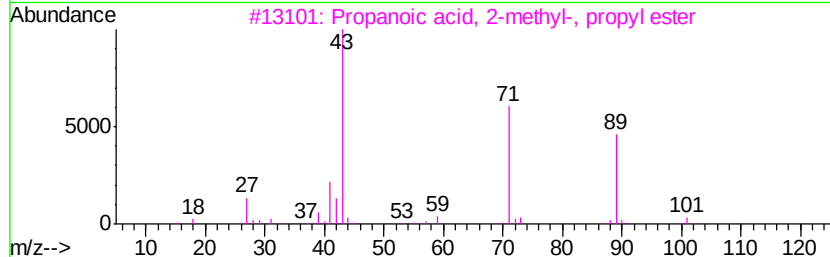
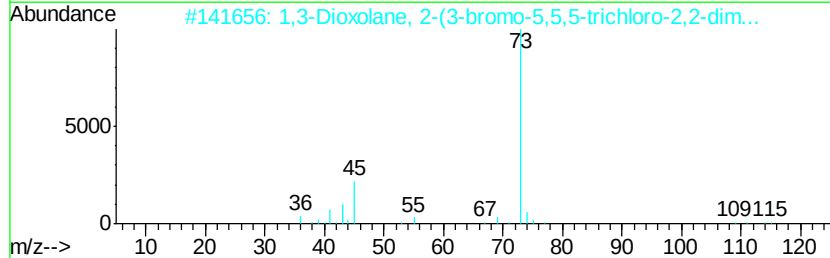
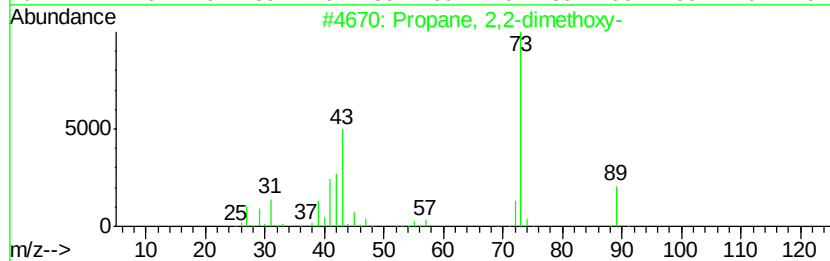
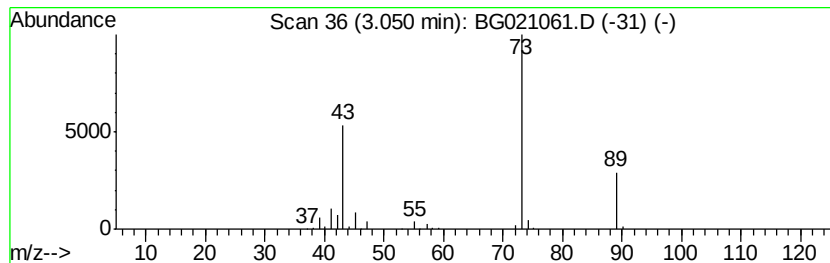
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	210.51 ng	232013	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
3		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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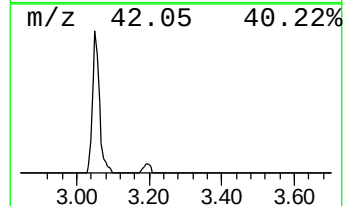
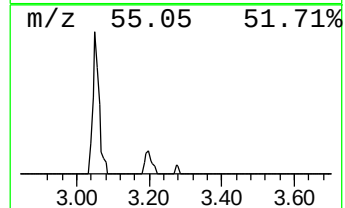
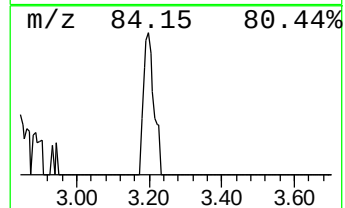
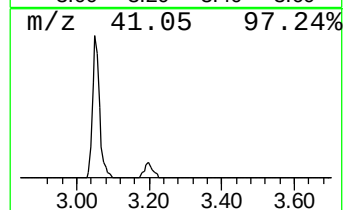
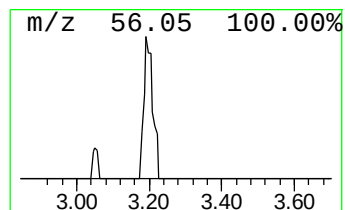
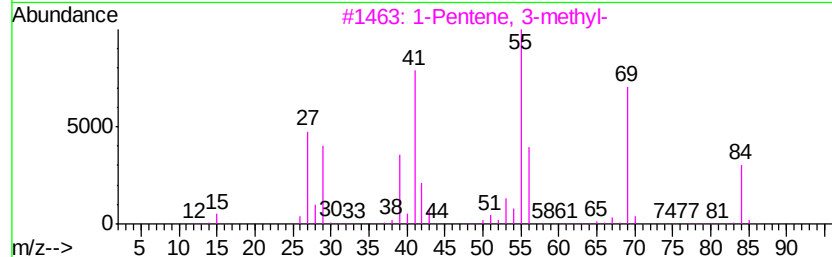
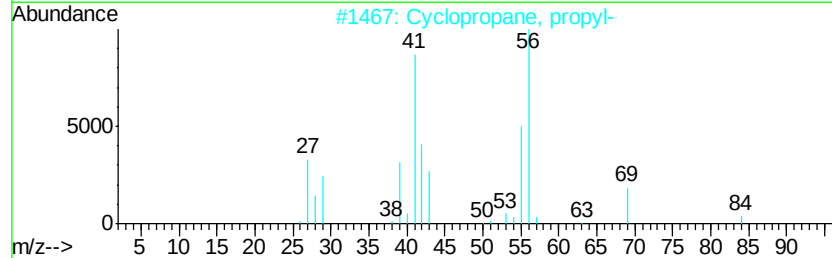
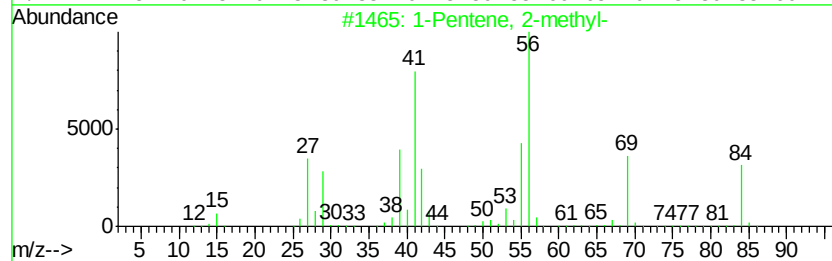
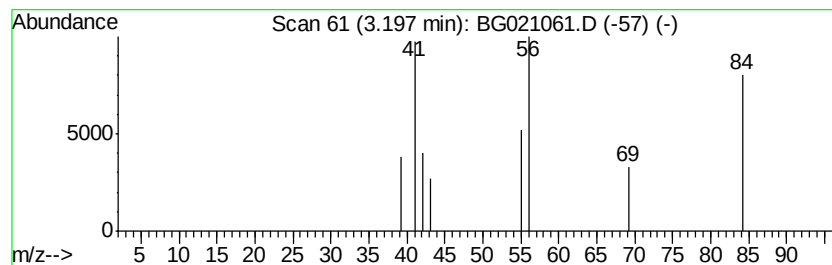
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	6.39 ng	7038	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
2		Cyclopropane, propyl-	84	C6H12	002415-72-7	40
3		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	9
4		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
5		Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	9



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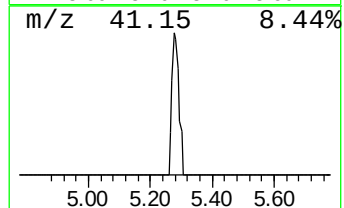
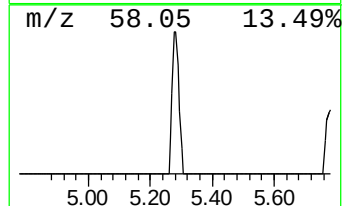
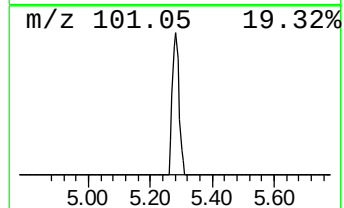
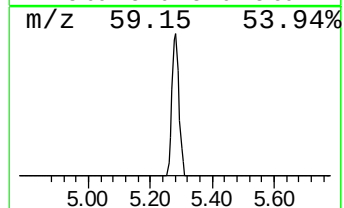
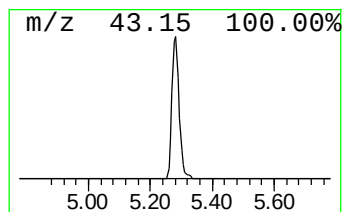
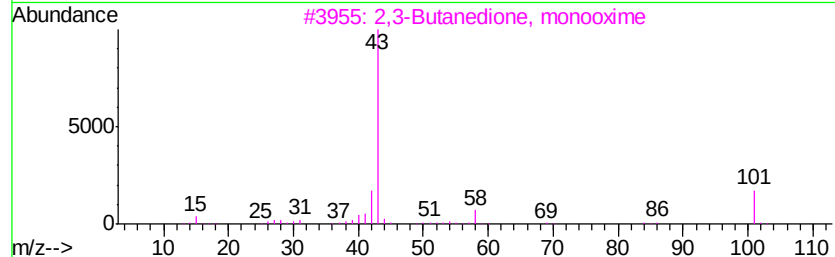
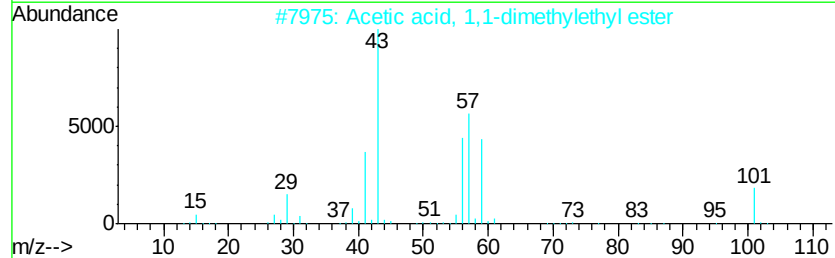
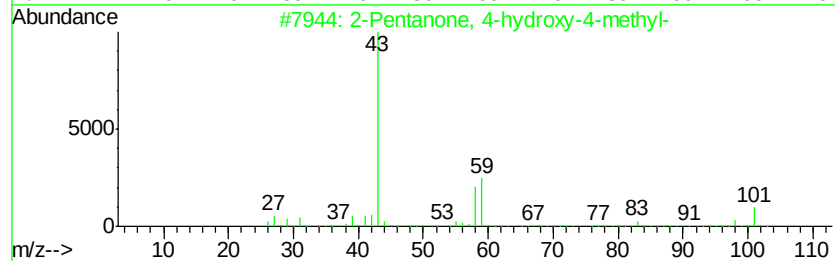
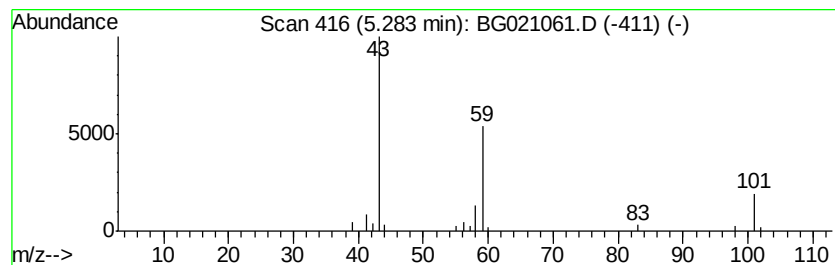
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	26.10 ng	28763	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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Instrument :
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SP-1+20(0-2)

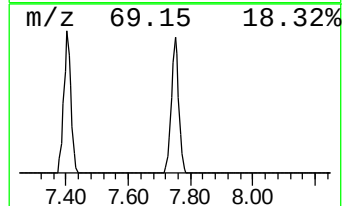
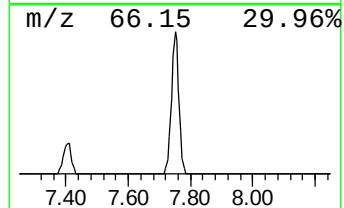
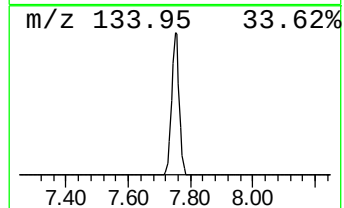
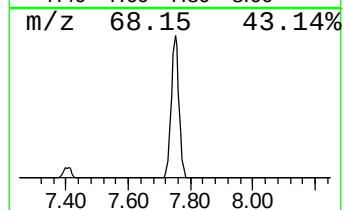
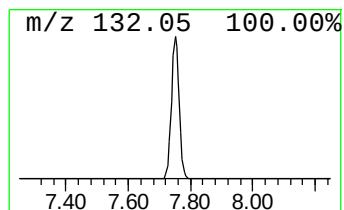
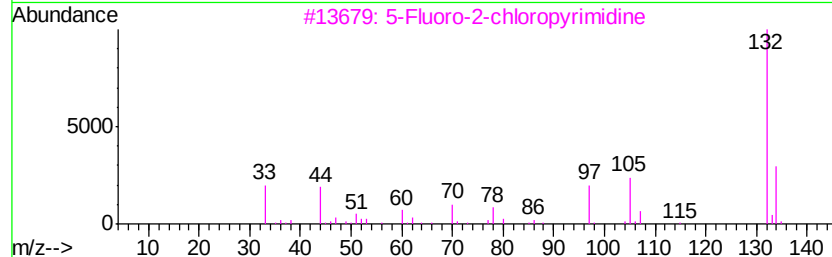
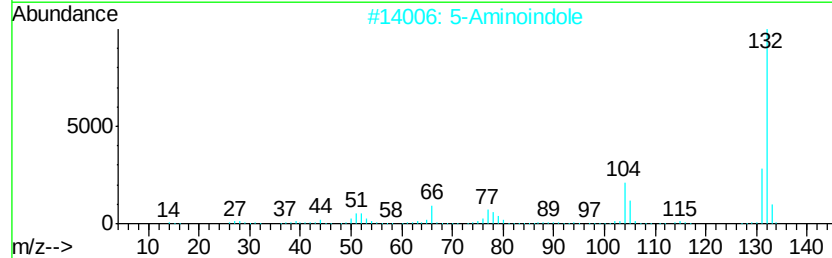
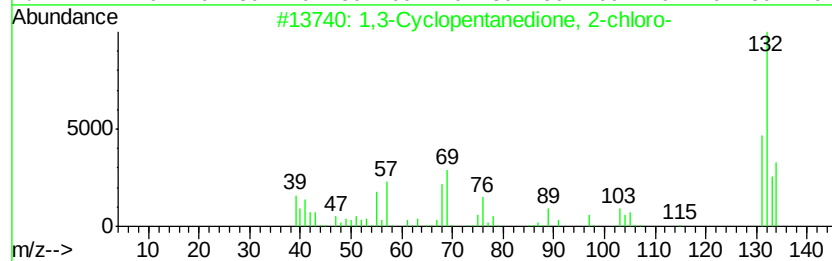
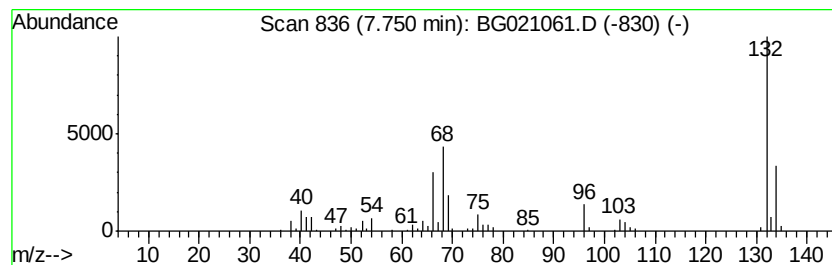
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	140.29 ng	154624	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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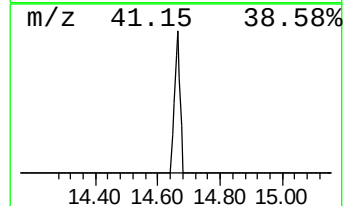
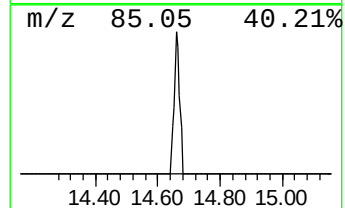
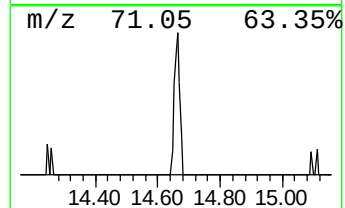
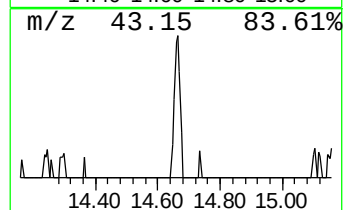
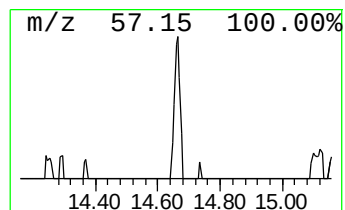
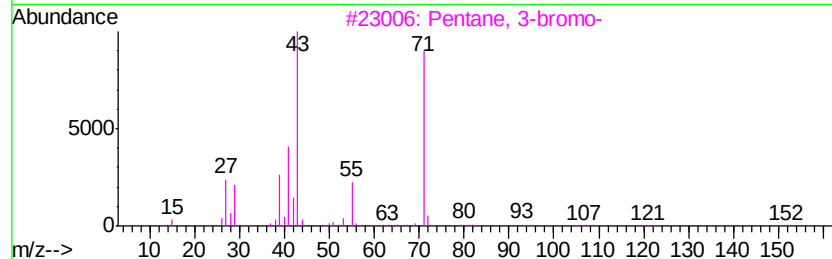
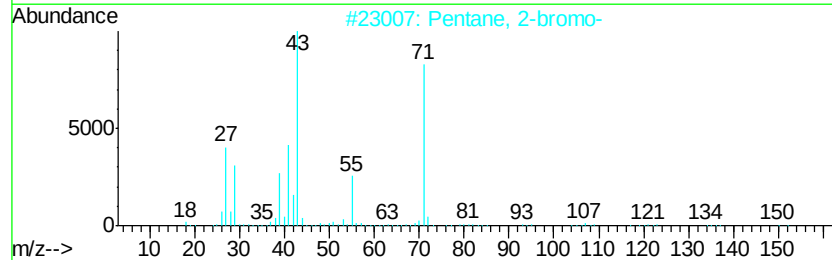
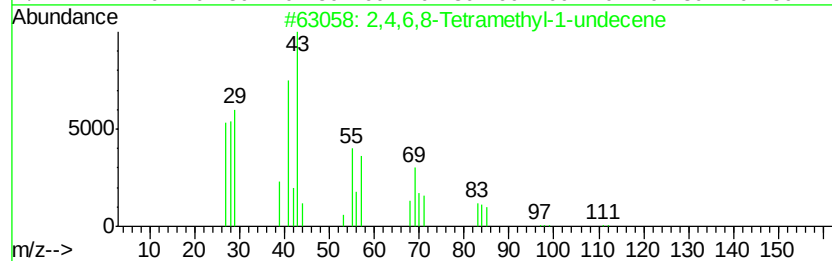
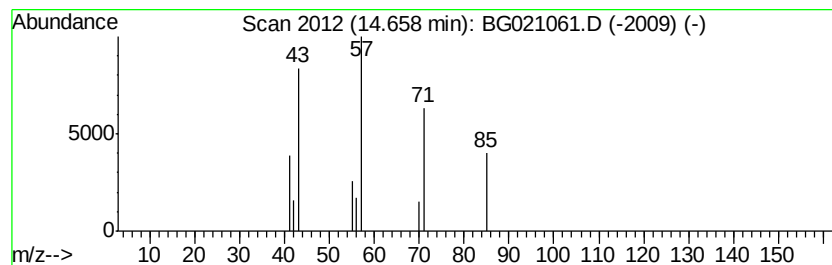
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown14.66 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.41 ng	7179	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	35
2		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	10
3		Pentane, 3-bromo-	150	C5H11Br	001809-10-5	10
4		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	9
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	9



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Misc :
ALS Vial : 8 Sample Multiplier: 1

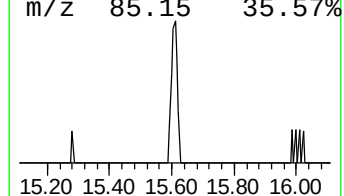
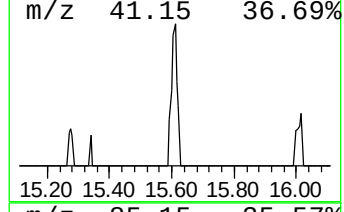
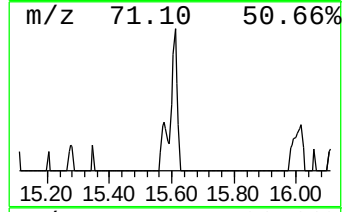
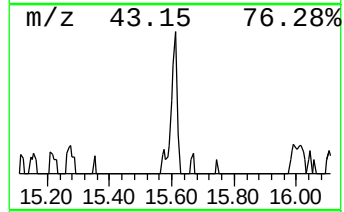
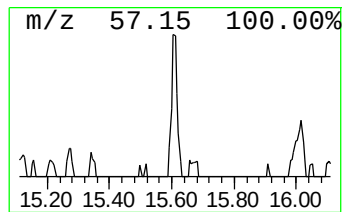
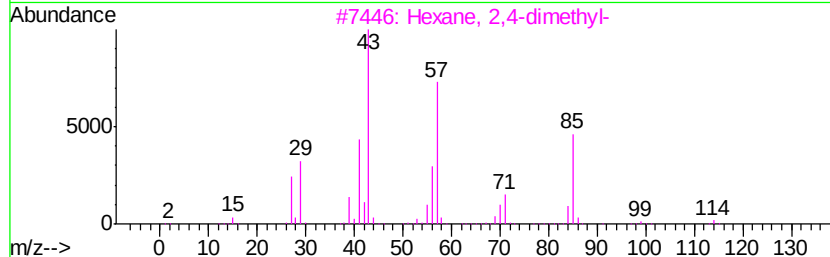
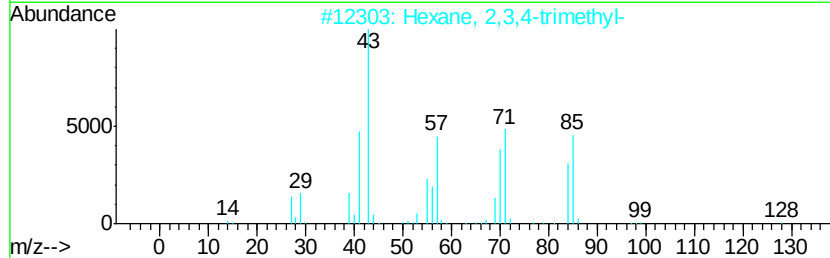
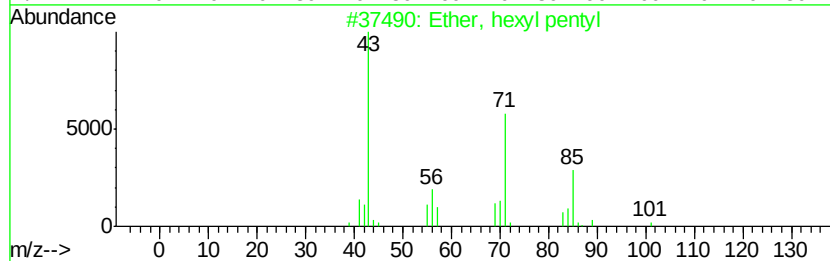
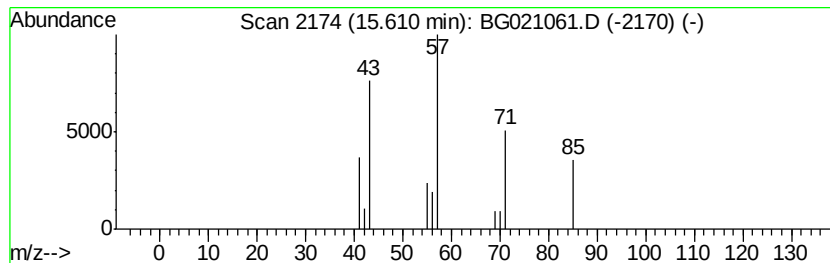
Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ether, hexyl pentyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.61	3.08 ng	9184	Acenaphthene-d10	14.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	56
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	33
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021061.D
Acq On : 24 Feb 2016 21:11
Operator : UM/SJ
Sample : H1521-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

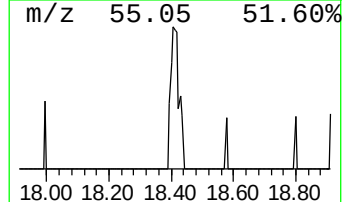
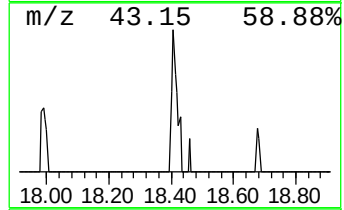
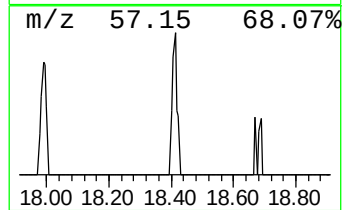
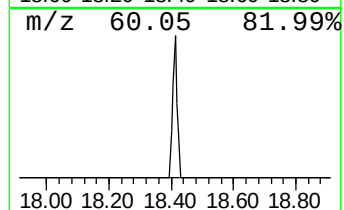
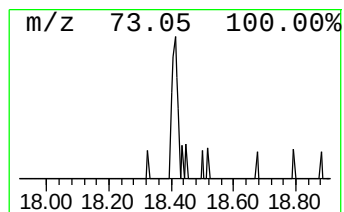
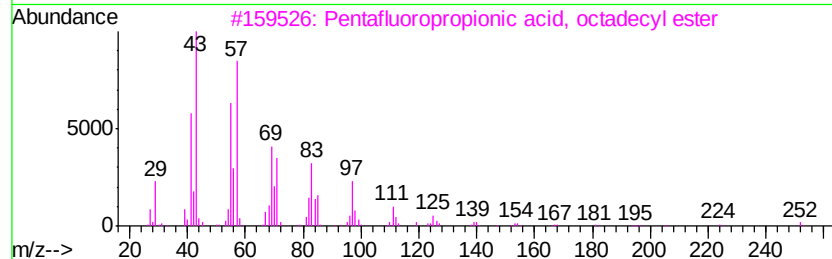
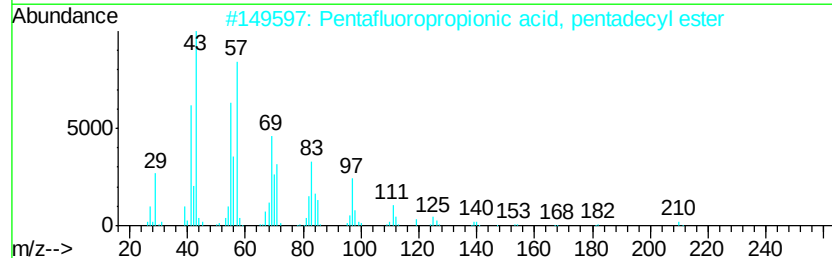
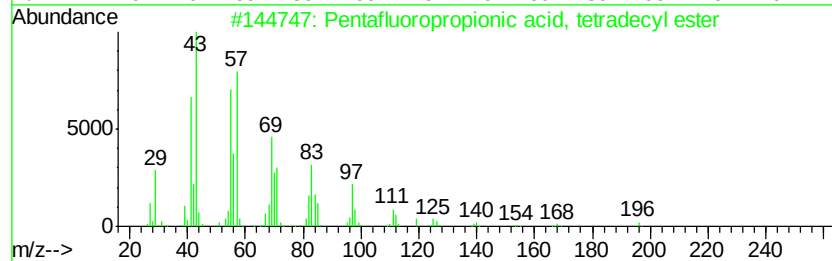
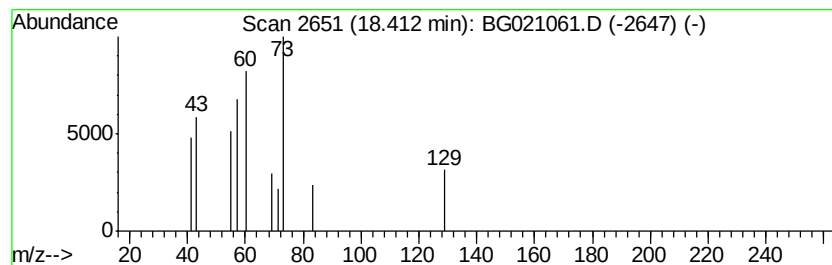
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.11 ng	5939	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	27
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	27
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	22
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	16
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021061.D
Acq On : 24 Feb 2016 21:11
Operator : UM/SJ
Sample : H1521-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

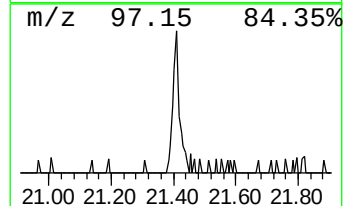
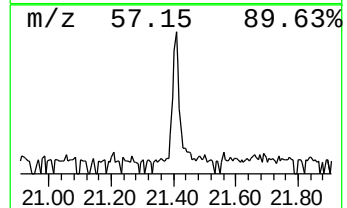
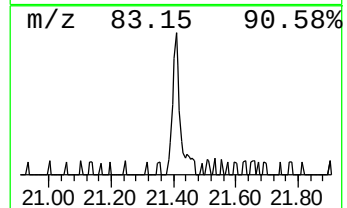
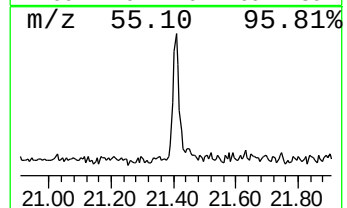
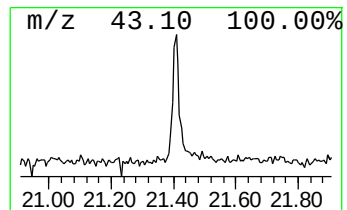
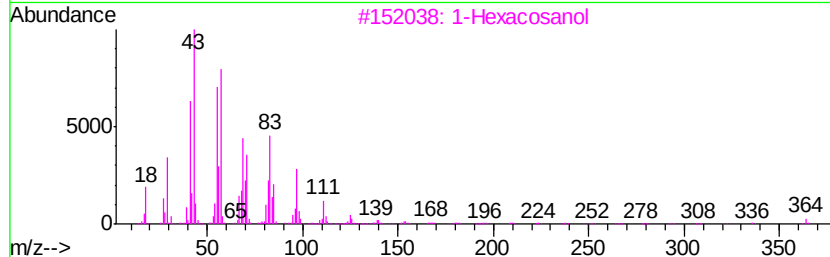
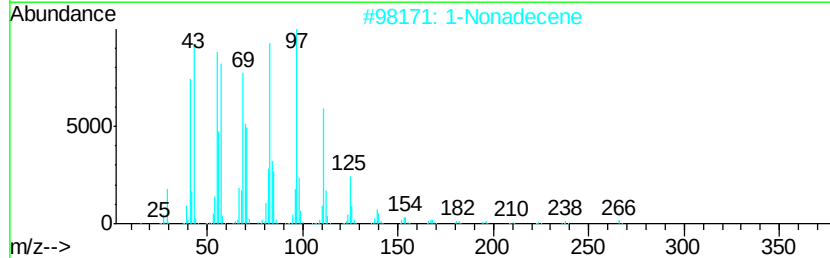
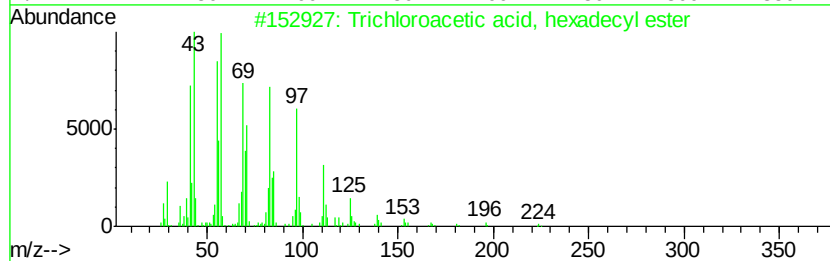
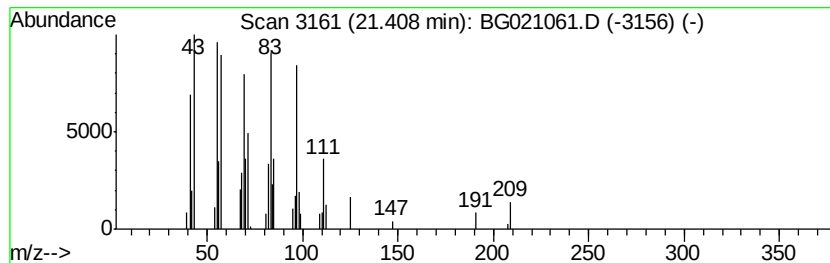
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	14.83 ng	32260	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		1-Hexacosanol	382	C26H54O	000506-52-5	83
4		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	83
5		1-Tetracosanol	354	C24H50O	000506-51-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022416\
Data File : BG021061.D
Acq On : 24 Feb 2016 21:11
Operator : UM/SJ
Sample : H1521-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	3.05	210.5	ng	232013	1	8.20	22043	20.0
1-Pentene, 2-methyl-	3.20	6.4	ng	7038	1	8.20	22043	20.0
2-Pentanone, 4-hy...	5.28	26.1	ng	28763	1	8.20	22043	20.0
unknown7.75	7.75	140.3	ng	154624	1	8.20	22043	20.0
unknown14.66	14.66	2.4	ng	7179	3	14.82	59551	20.0
Ether, hexyl pentyl	15.61	3.1	ng	9184	3	14.82	59551	20.0
unknown18.41	18.41	2.1	ng	5939	4	17.55	56426	20.0
Trichloroacetic a...	21.41	14.8	ng	32260	5	21.82	43506	20.0