

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019855.D
 Acq On : 3 Dec 2015 4:23
 Operator : UM/NP
 Sample : G4624-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3(10-15)

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-BG120215.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	2.996	22	27	45	rVB	905197	1230133	50.16%	9.410%
2	5.199	397	402	412	rVB	91717	139455	5.69%	1.067%
3	5.670	474	482	490	rBV	430919	686461	27.99%	5.251%
4	7.274	747	755	767	rBV	479488	826768	33.71%	6.324%
5	7.655	810	820	830	rBV	461756	777046	31.69%	5.944%
6	8.125	890	900	906	rBV	89786	146264	5.96%	1.119%
7	8.455	947	956	963	rBV	330315	574680	23.43%	4.396%
8	9.295	1091	1099	1106	rBV	293776	516064	21.04%	3.948%
9	10.946	1372	1380	1387	rBV	129146	226811	9.25%	1.735%
10	13.384	1788	1795	1802	rBV	915920	1396464	56.94%	10.682%
11	14.207	1929	1935	1943	rBV	123477	179313	7.31%	1.372%
12	14.647	2005	2010	2015	rVB2	23682	32078	1.31%	0.245%
13	14.759	2019	2029	2038	rVB2	232030	371883	15.16%	2.845%
14	15.599	2168	2172	2177	rVB	41817	52472	2.14%	0.401%
15	16.004	2231	2241	2245	rBV4	13096	29121	1.19%	0.223%
16	16.240	2273	2281	2289	rBV	825103	1223876	49.91%	9.362%
17	16.457	2314	2318	2322	rBV	42127	58925	2.40%	0.451%
18	17.250	2449	2453	2458	rBV	20499	26230	1.07%	0.201%
19	17.503	2489	2496	2501	rBV2	326149	483675	19.72%	3.700%
20	18.384	2641	2646	2654	rBV2	49259	74187	3.03%	0.567%
21	18.907	2730	2735	2739	rBV	16468	24932	1.02%	0.191%
22	19.242	2788	2792	2800	rBV	36419	52223	2.13%	0.399%
23	19.647	2857	2861	2871	rBV7	21662	38714	1.58%	0.296%
24	19.782	2880	2884	2890	rBV	35718	47525	1.94%	0.364%
25	20.106	2933	2939	2945	rBV	1918622	2452312	100.00%	18.759%
26	20.317	2971	2975	2980	rBV2	25716	35553	1.45%	0.272%
27	20.799	3053	3057	3061	rVB	27927	36500	1.49%	0.279%
28	21.057	3098	3101	3106	rVB3	24361	31662	1.29%	0.242%
29	21.422	3158	3163	3170	rBV2	78229	116378	4.75%	0.890%
30	21.780	3218	3224	3231	rBV	373260	617203	25.17%	4.721%
31	25.088	3777	3787	3798	rVB2	198569	568026	23.16%	4.345%

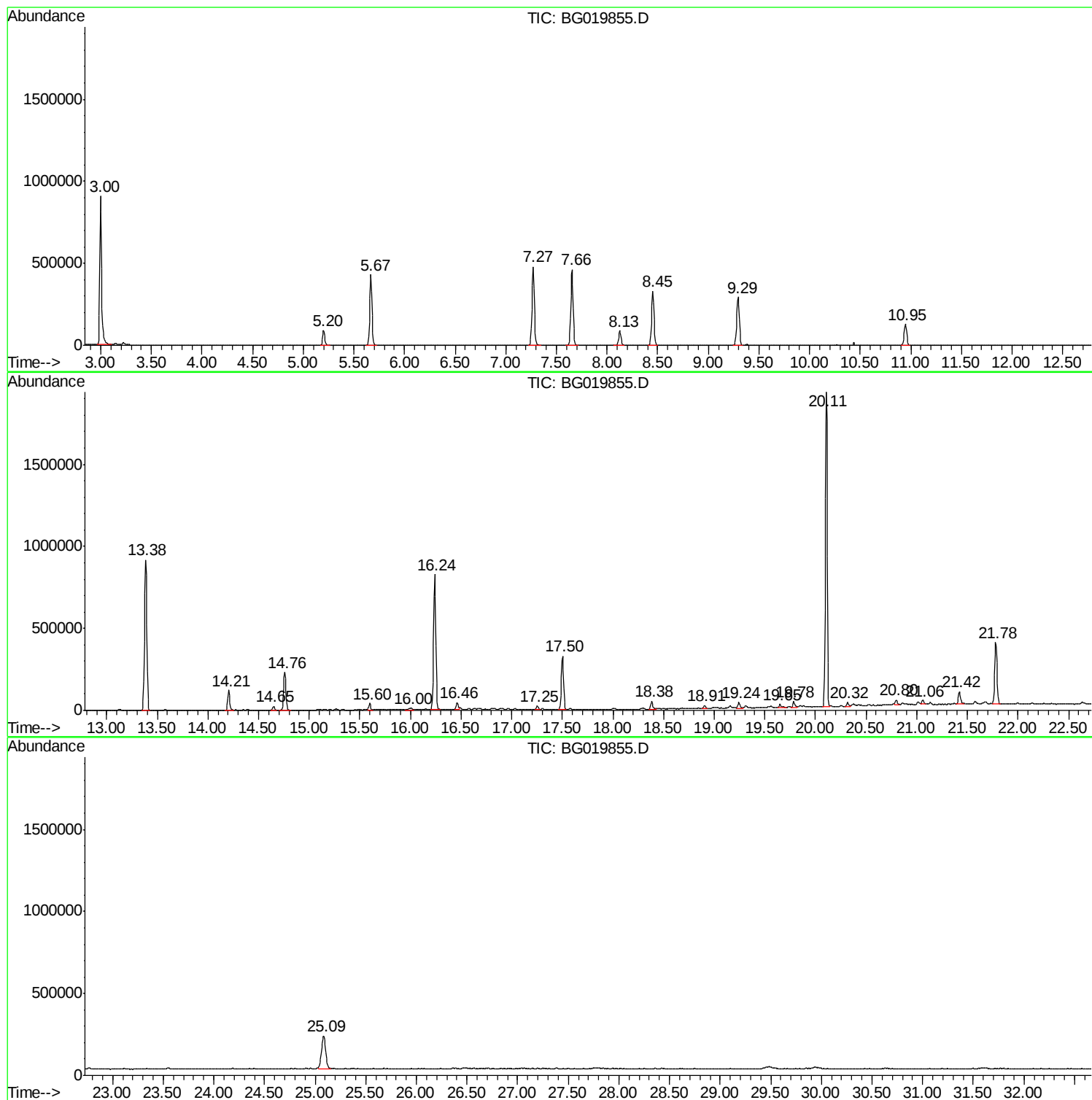
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Instrument :
BNA_G
ClientSampleId :
SB-3(10-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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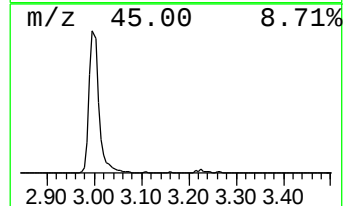
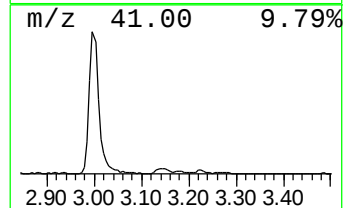
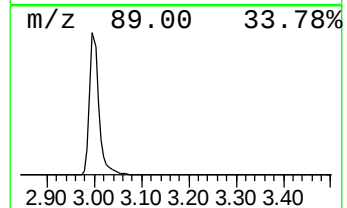
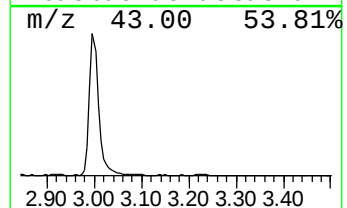
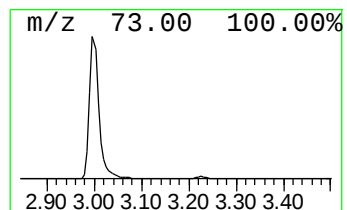
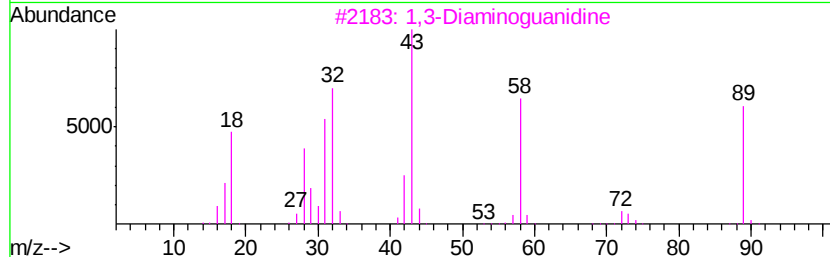
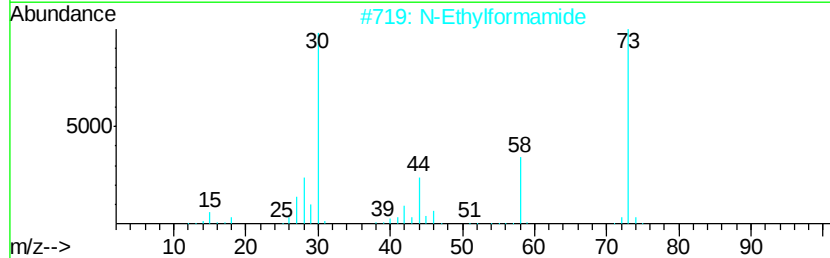
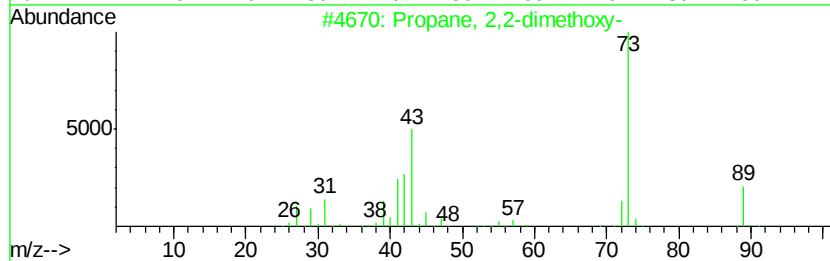
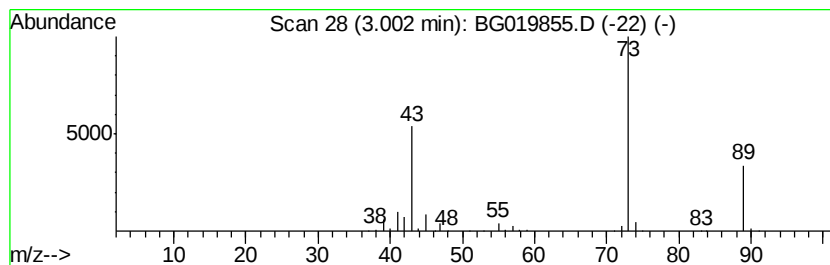
Instrument :
BNA_G
ClientSampleId :
SB-3(10-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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.	
3.00	168.21 ng	1230130	1,4-Dichlorobenzene-d4	8.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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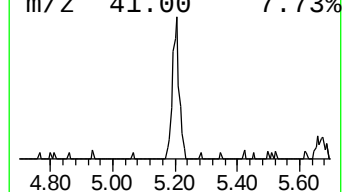
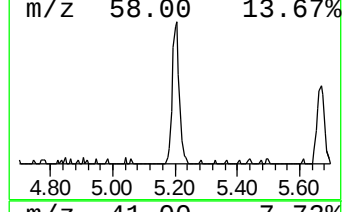
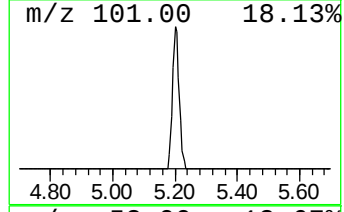
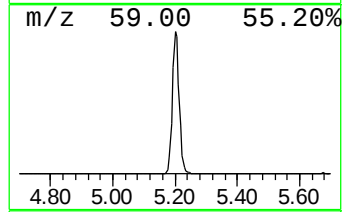
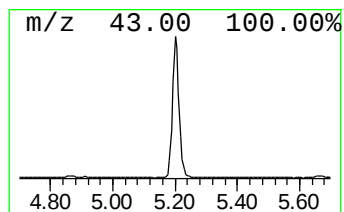
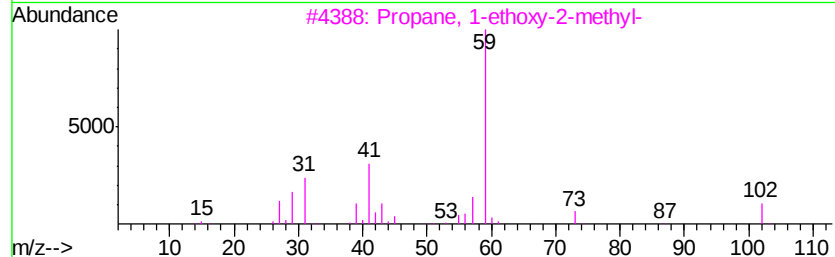
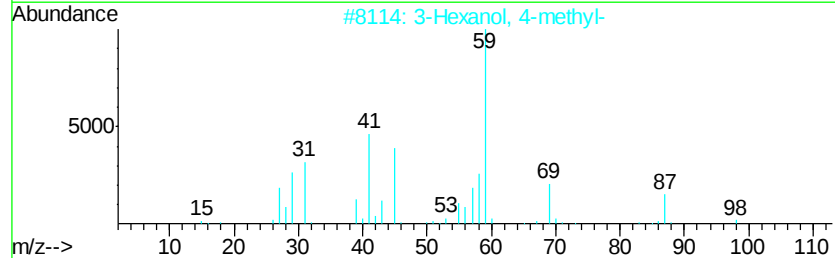
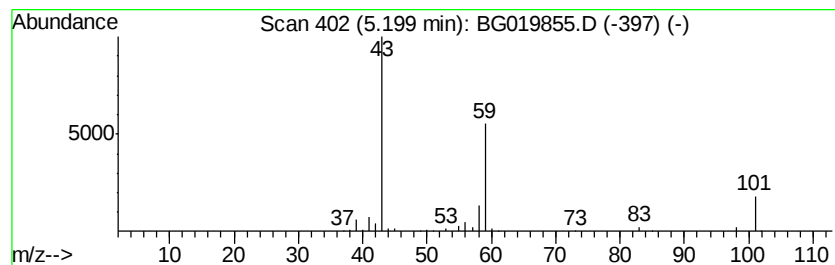
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	19.07 ng	139455	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
5			t-Butyl ethyl ether	102	C6H14O	1000118-18-4	23



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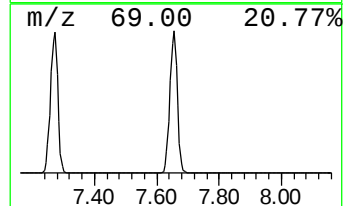
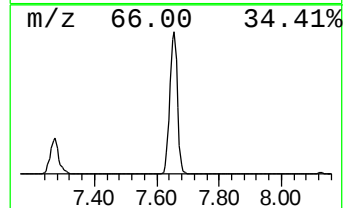
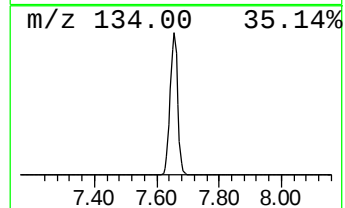
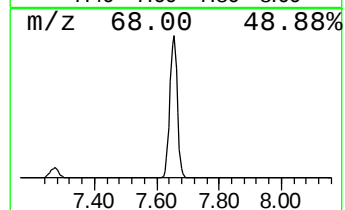
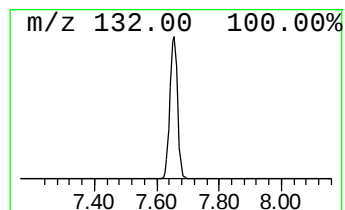
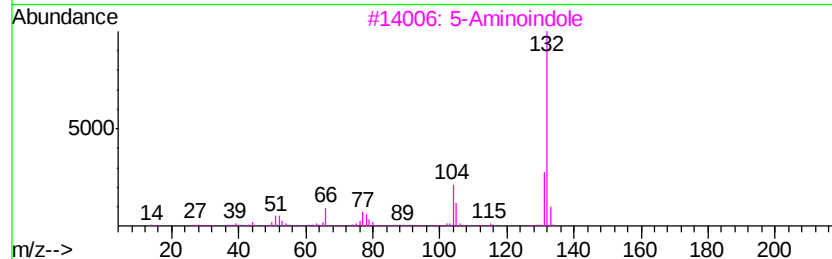
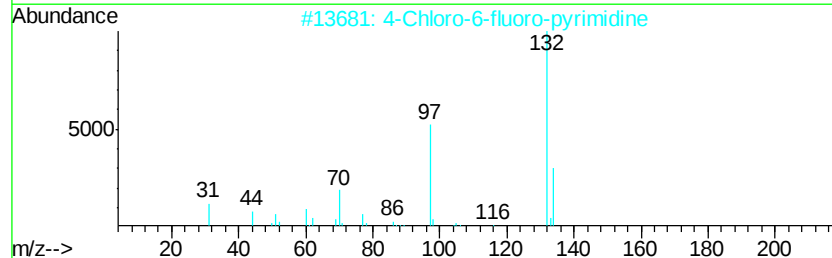
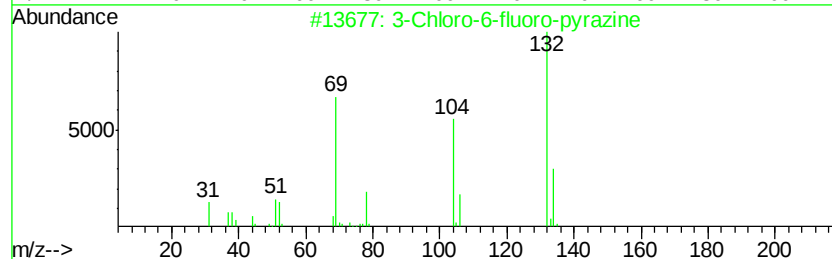
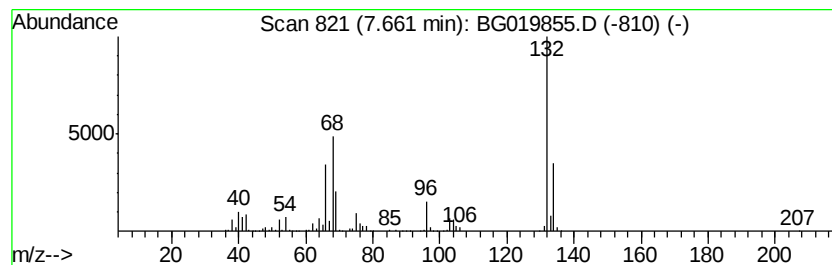
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	106.25 ng	777046	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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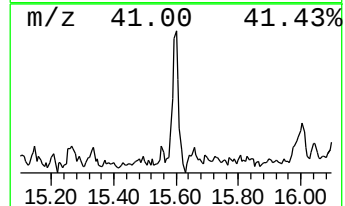
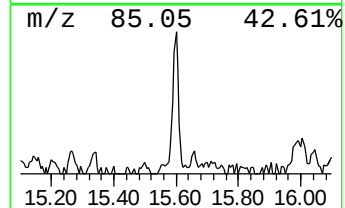
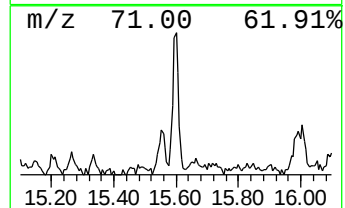
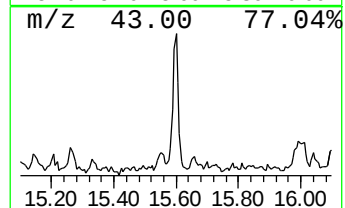
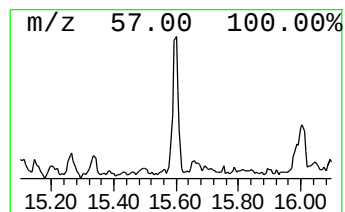
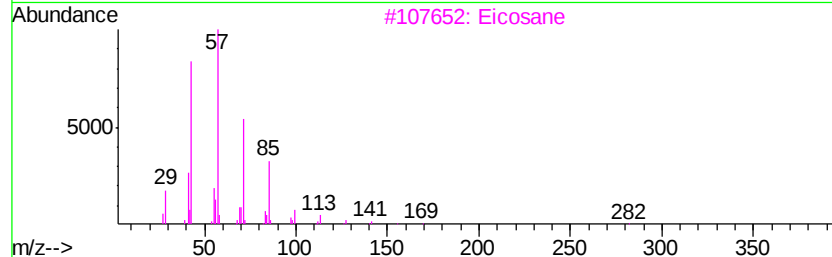
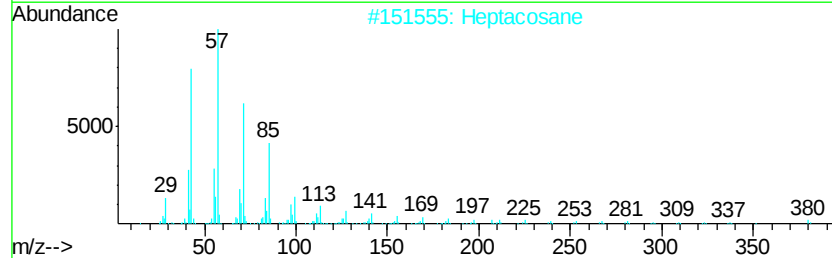
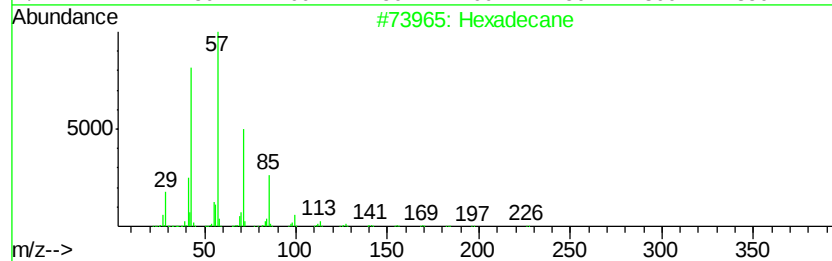
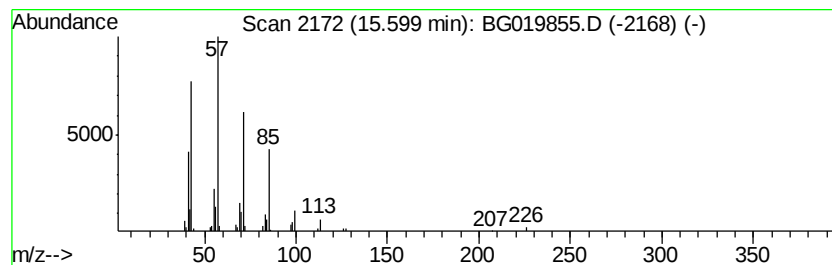
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.82 ng	52472	Acenaphthene-d10	14.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Heptacosane		380	C27H56	000593-49-7	90
3	Eicosane		282	C20H42	000112-95-8	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Octacosane		394	C28H58	000630-02-4	90



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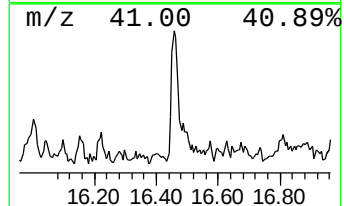
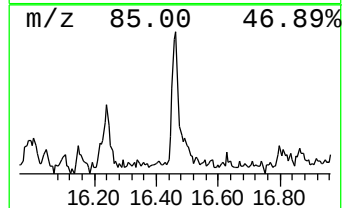
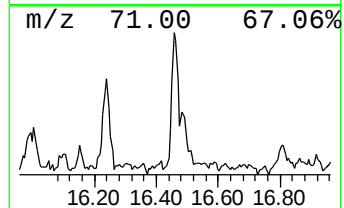
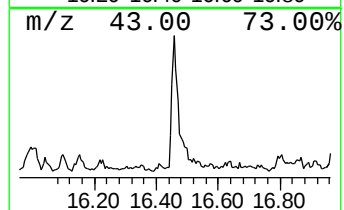
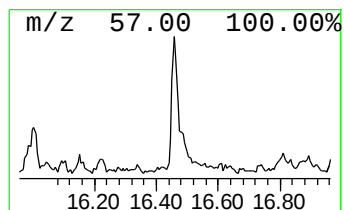
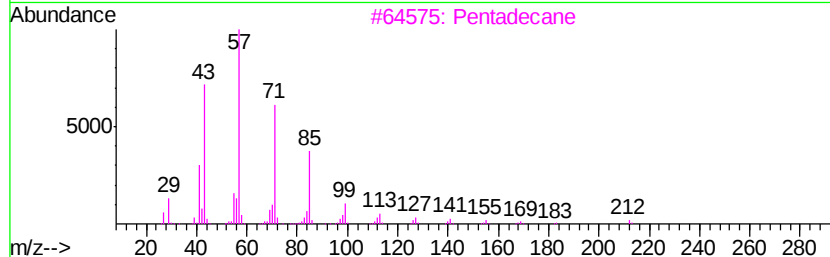
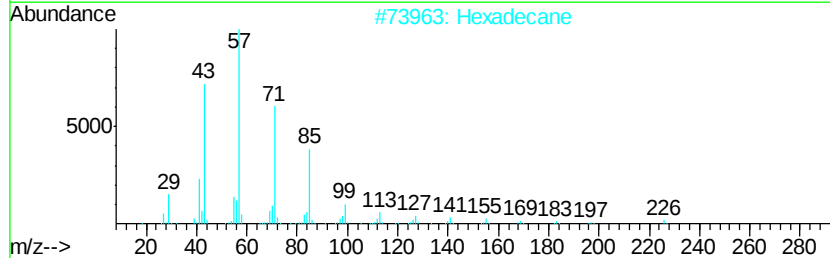
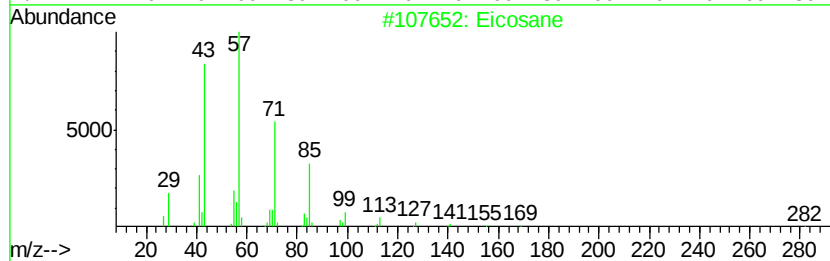
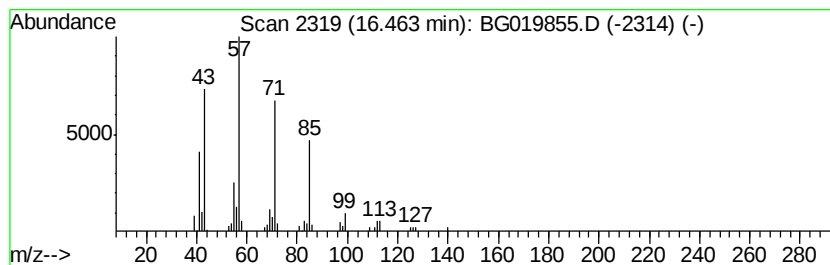
Instrument :
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ClientSampleId :
SB-3(10-15)

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

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.46	2.44 ng	58925	Phenanthrene-d10		17.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
5	Heptacosane	380	C27H56	000593-49-7	78



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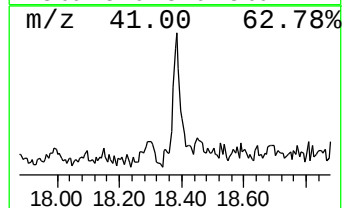
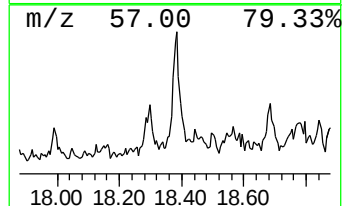
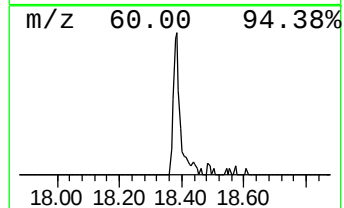
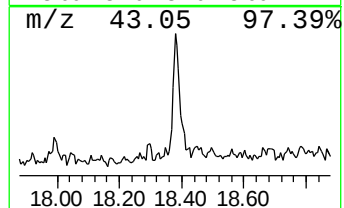
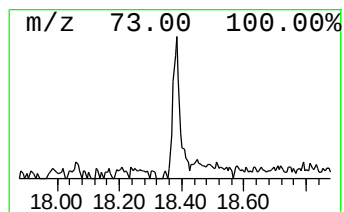
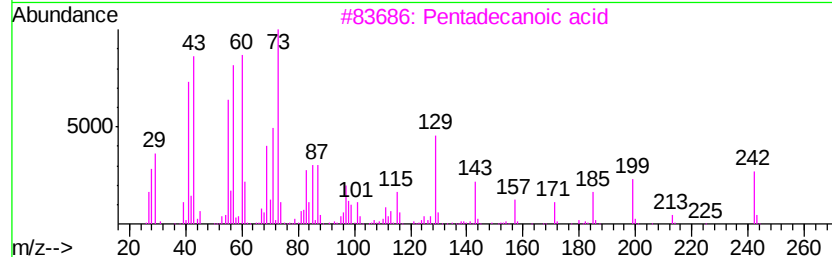
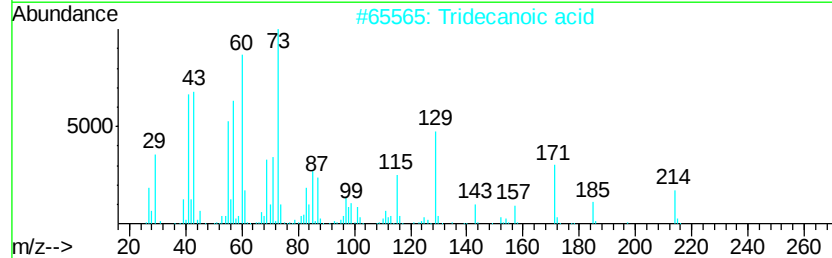
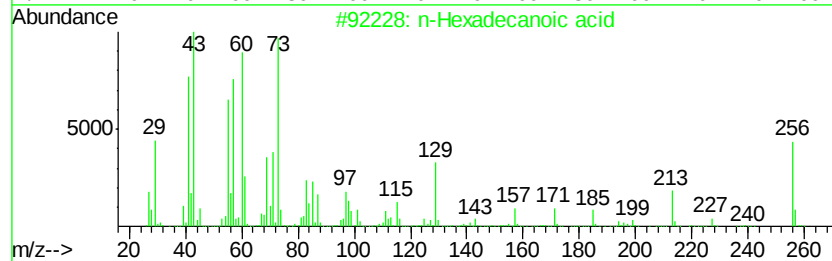
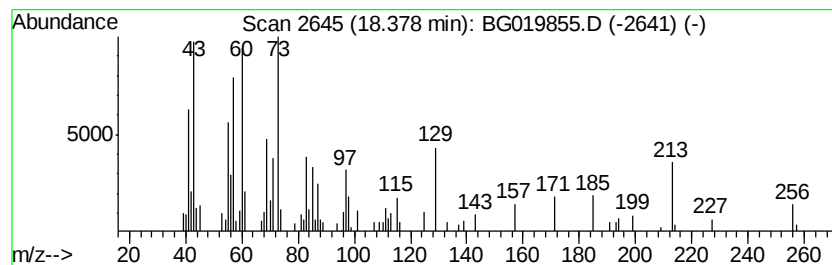
Instrument :
BNA_G
ClientSampleId :
SB-3(10-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.38	3.07 ng	74187	Phenanthrene-d10		17.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019855.D
Acq On : 3 Dec 2015 4:23
Operator : UM/NP
Sample : G4624-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-3(10-15)

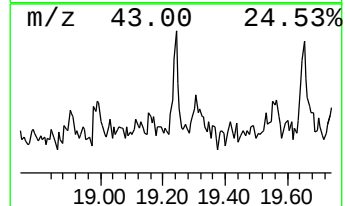
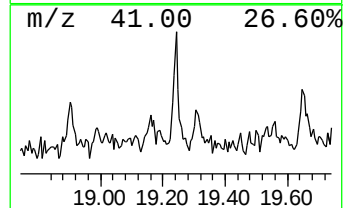
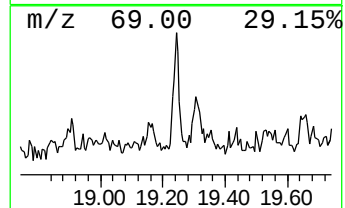
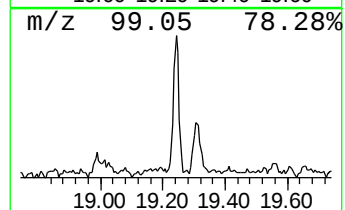
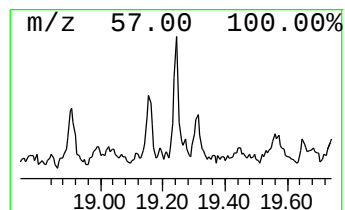
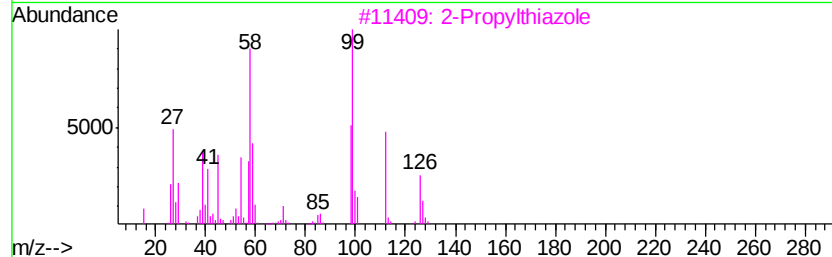
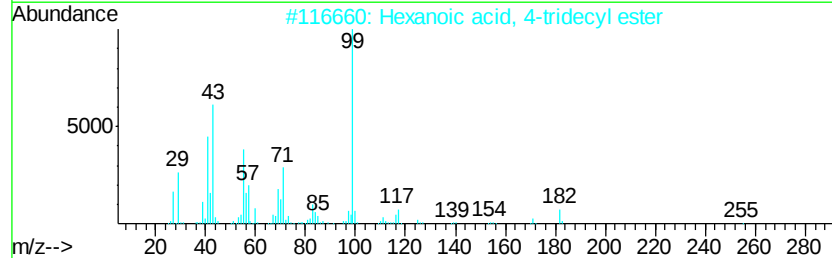
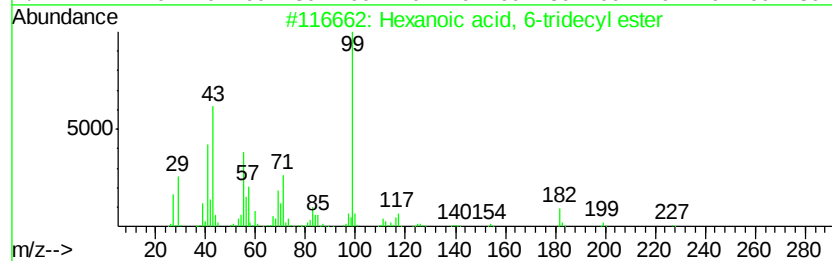
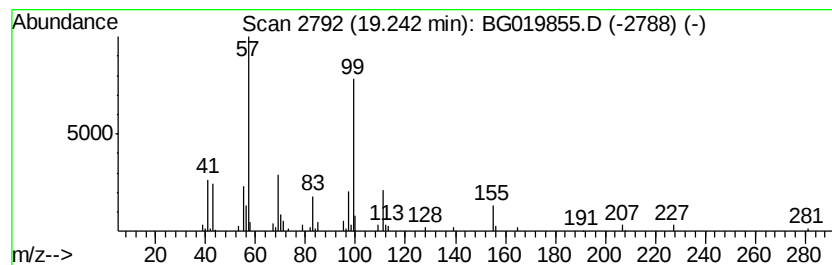
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown19.24 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.16 ng	52223	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	43
2	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	43
3	2-Propylthiazole	127	C6H9NS	017626-75-4	38
4	N-Phenyl-N'-(2-piperazin-1-yl-ethyl)-5-thio-2,3-dihydro-1,4-benzodioxazine-6-carboxamide	276	C14H20N4O2S	332404-00-9	38
5	4-Heptanone, 5,5-diethyl-2,2,3,3-tetramethyl-	226	C15H30O	016424-67-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019855.D
Acq On : 3 Dec 2015 4:23
Operator : UM/NP
Sample : G4624-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3(10-15)

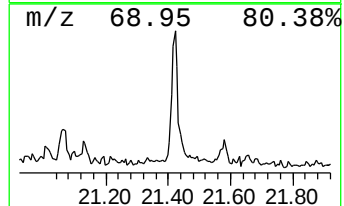
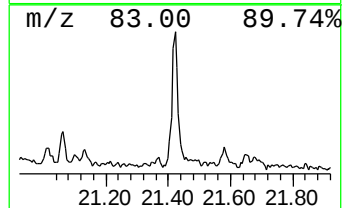
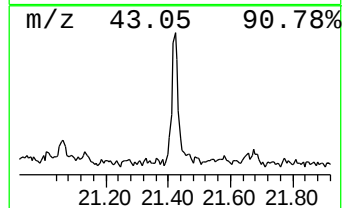
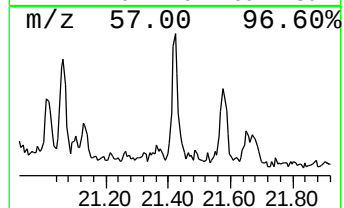
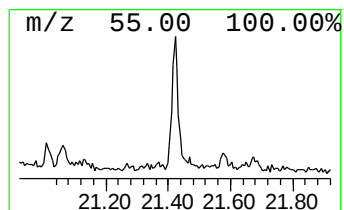
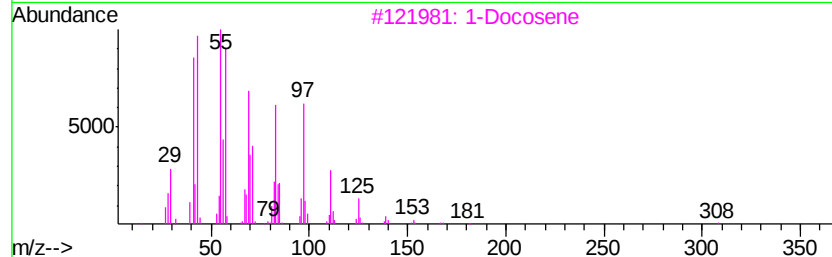
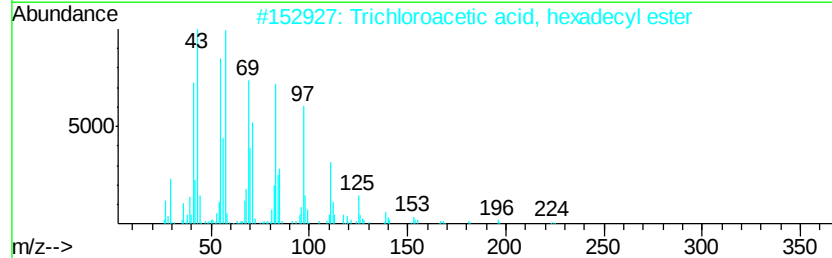
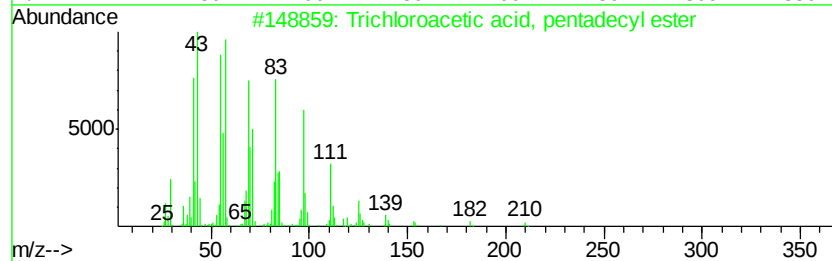
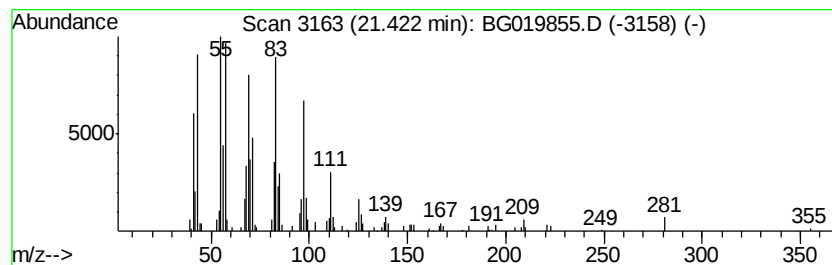
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.77 ng	116378	Chrysene-d12	21.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		1-Docosene	308	C22H44	001599-67-3	93
4		1-Nonadecanol	284	C19H40O	001454-84-8	93
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
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Acq On : 3 Dec 2015 4:23
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Sample : G4624-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3(10-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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...	3.00	168.2	ng	1230130	1	8.13	146264	20.0
2-Pentanone, 4-hy...	5.20	19.1	ng	139455	1	8.13	146264	20.0
unknown7.66	7.66	106.3	ng	777046	1	8.13	146264	20.0
Hexadecane	15.60	2.8	ng	52472	3	14.76	371883	20.0
Eicosane	16.46	2.4	ng	58925	4	17.50	483675	20.0
n-Hexadecanoic acid	18.38	3.1	ng	74187	4	17.50	483675	20.0
unknown19.24	19.24	2.2	ng	52223	4	17.50	483675	20.0
Trichloroacetic a...	21.42	3.8	ng	116378	5	21.78	617203	20.0