

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016543.D
 Acq On : 19 Apr 2015 4:21
 Operator : TP/IZ
 Sample : G1765-04
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

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-BG040615.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	2.749	5	10	19	rVB	83531	138348	6.02%	0.809%
2	2.832	19	24	29	rBV	125670	155924	6.78%	0.911%
3	4.771	347	354	364	rBV2	120846	179577	7.81%	1.050%
4	5.246	429	435	448	rBV	800706	1156418	50.31%	6.759%
5	6.845	700	707	720	rBV	813212	1253494	54.54%	7.327%
6	7.191	760	766	777	rBV	832736	1318578	57.37%	7.707%
7	7.655	838	845	852	rVB	271350	427211	18.59%	2.497%
8	7.973	892	899	906	rVB	632529	1003145	43.64%	5.864%
9	8.813	1035	1042	1050	rBV	480527	771356	33.56%	4.509%
10	10.440	1311	1319	1333	rBV	406270	671928	29.23%	3.928%
11	12.920	1730	1741	1759	rBV	1265411	1893720	82.39%	11.069%
12	13.713	1872	1876	1880	rBV2	41523	58358	2.54%	0.341%
13	13.760	1880	1884	1892	rVV	47069	80482	3.50%	0.470%
14	14.036	1926	1931	1937	rBV6	41005	77434	3.37%	0.453%
15	14.124	1942	1946	1954	rVB2	68200	103425	4.50%	0.605%
16	14.201	1954	1959	1964	rBV3	29549	49014	2.13%	0.286%
17	14.259	1964	1969	1971	rBV3	37981	62472	2.72%	0.365%
18	14.301	1971	1976	1985	rVB2	621568	959347	41.74%	5.608%
19	14.823	2061	2065	2073	rBV8	26335	57086	2.48%	0.334%
20	14.923	2078	2082	2084	rBV4	24688	36408	1.58%	0.213%
21	14.947	2084	2086	2093	rVB5	32809	48449	2.11%	0.283%
22	15.011	2093	2097	2104	rBV9	28830	70138	3.05%	0.410%
23	15.082	2105	2109	2114	rBV2	90413	137729	5.99%	0.805%
24	15.158	2118	2122	2125	rBV3	22208	36431	1.58%	0.213%
25	15.793	2224	2230	2236	rBV	677485	1010069	43.94%	5.904%
26	16.022	2264	2269	2270	rBV	106871	157198	6.84%	0.919%
27	16.803	2400	2402	2405	rBV3	54793	61646	2.68%	0.360%
28	16.856	2408	2411	2414	rVB	93541	122270	5.32%	0.715%
29	17.044	2438	2443	2449	rBV2	753286	1090808	47.46%	6.376%
30	19.624	2879	2882	2886	rBV2	314098	549091	23.89%	3.210%
31	19.677	2887	2891	2898	rVB	1758150	2298491	100.00%	13.435%
32	21.228	3152	3155	3164	rVB2	773456	1072125	46.64%	6.267%

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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-4

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

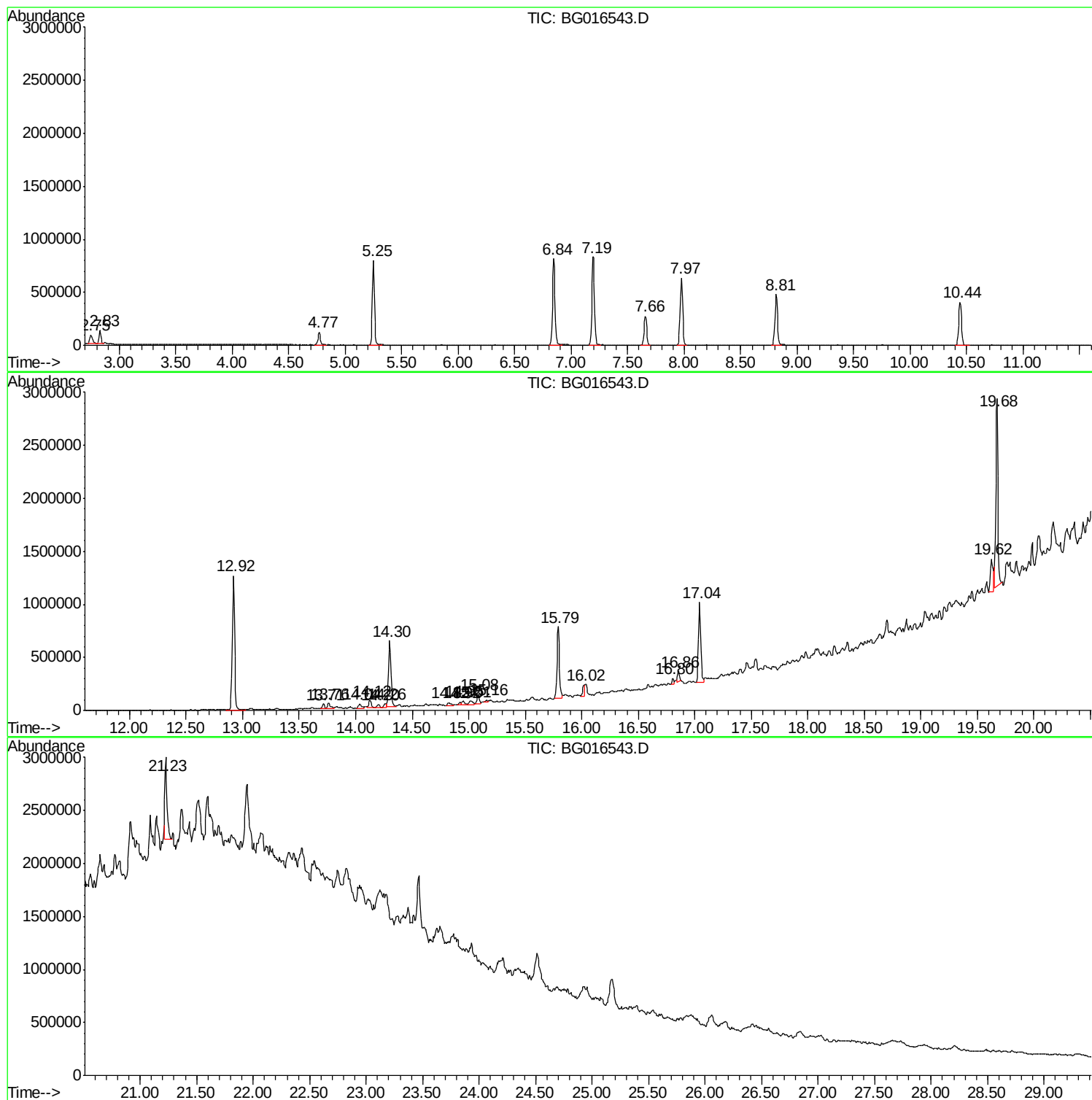
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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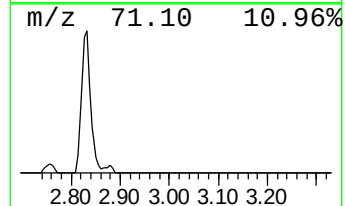
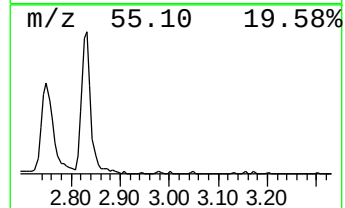
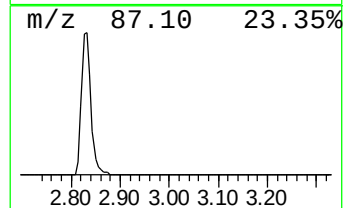
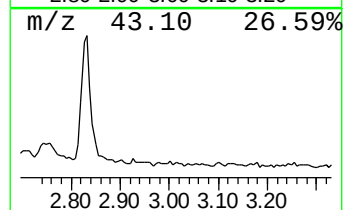
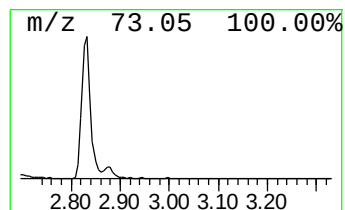
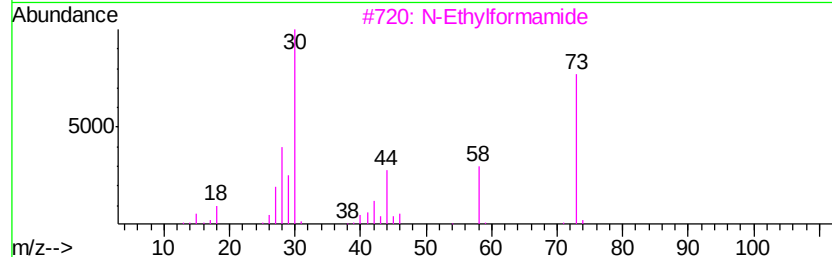
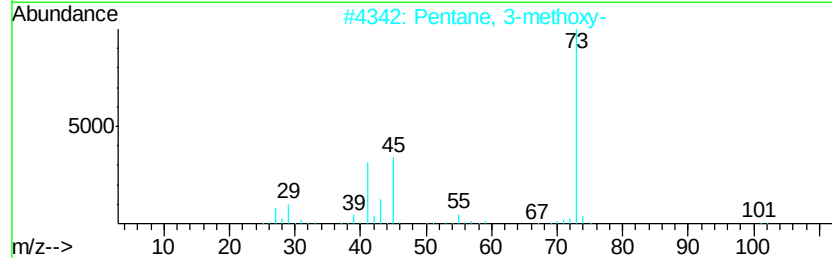
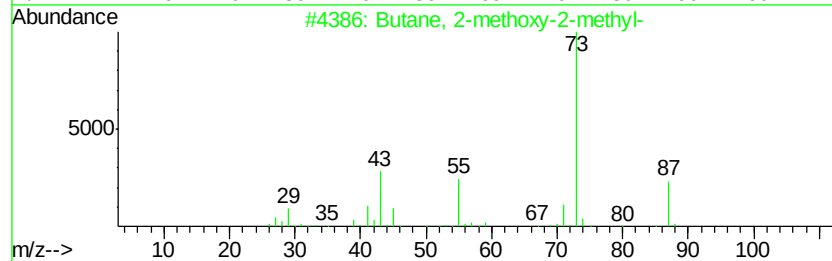
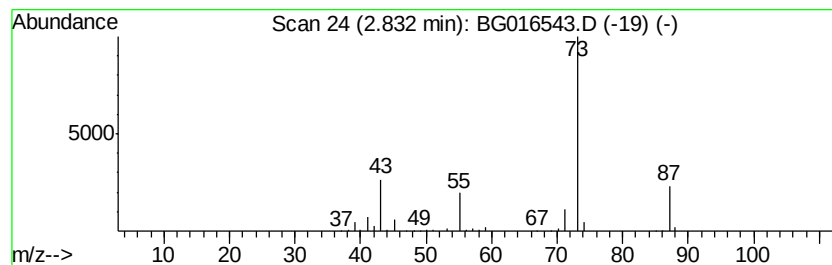
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	7.30 ng	155924	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7



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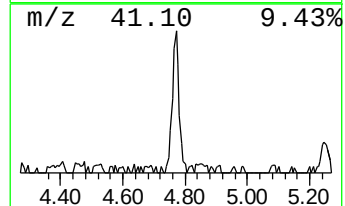
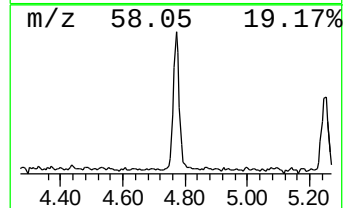
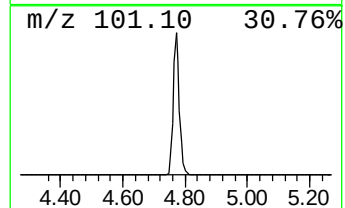
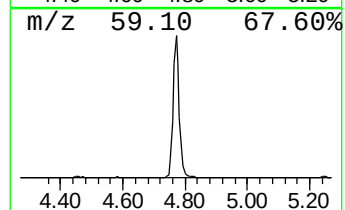
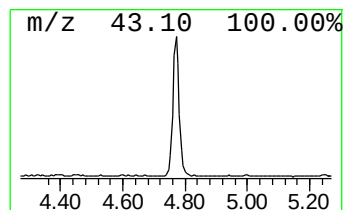
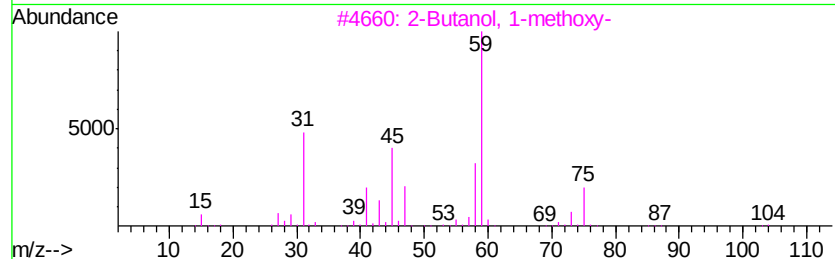
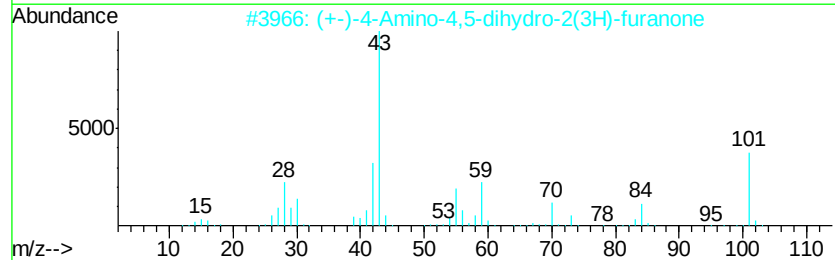
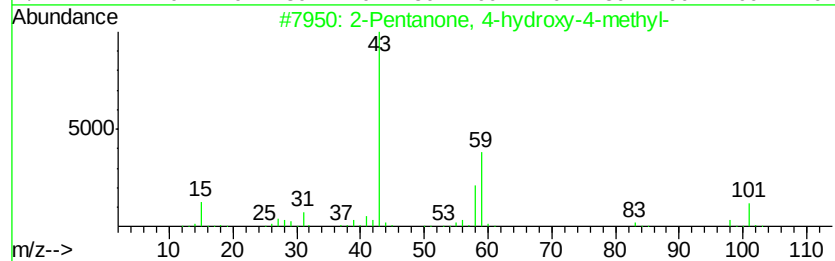
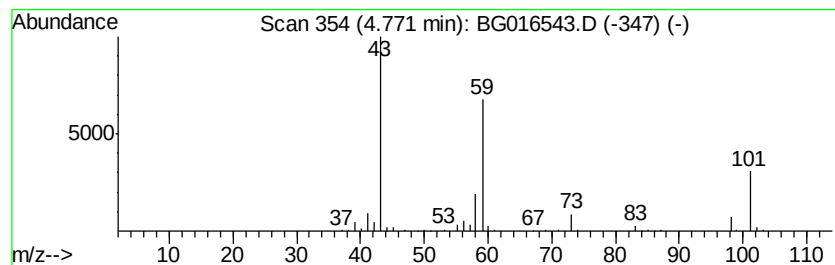
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	8.41 ng	179577	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3		2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	25
4		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17



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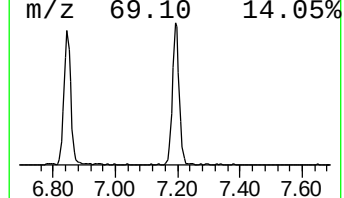
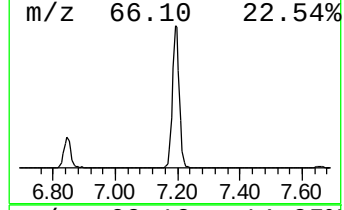
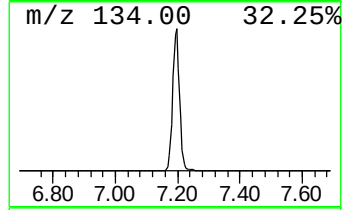
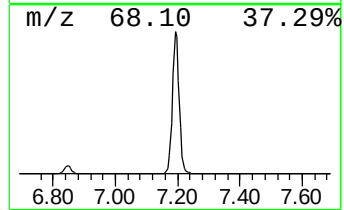
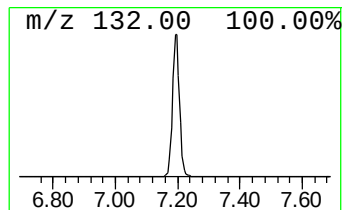
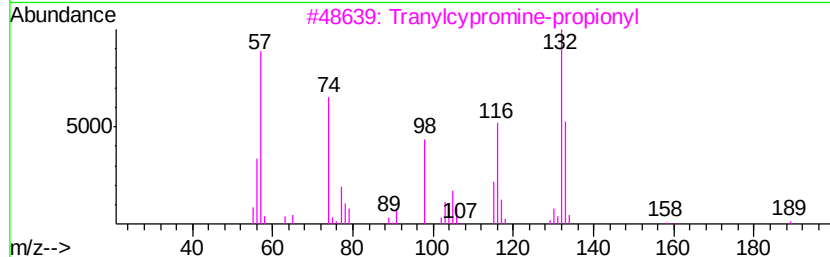
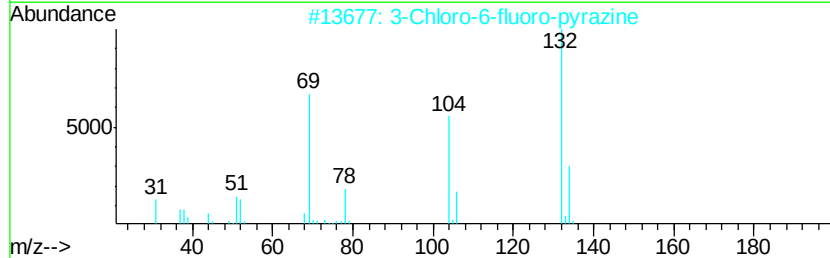
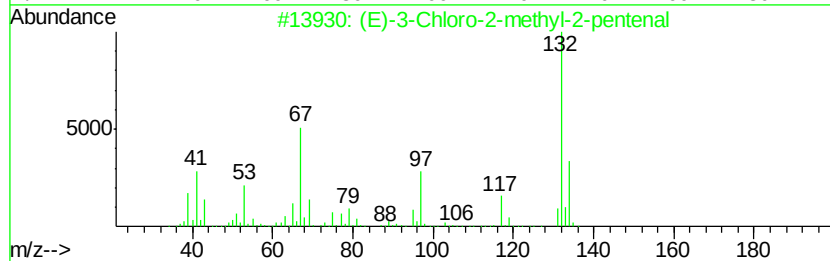
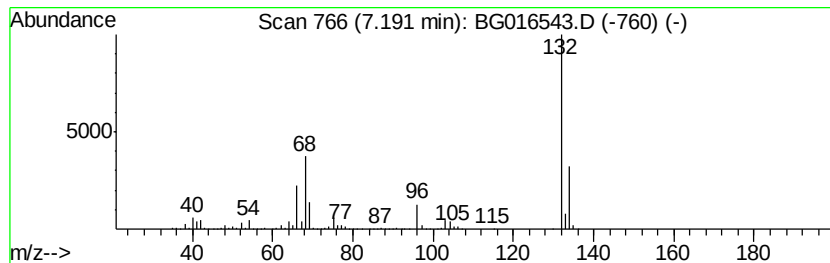
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	61.73 ng	1318580	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		Xenon	132	Xe	007440-63-3	9



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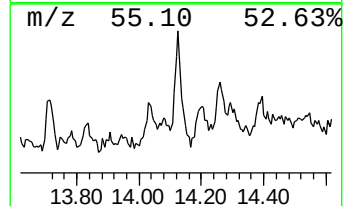
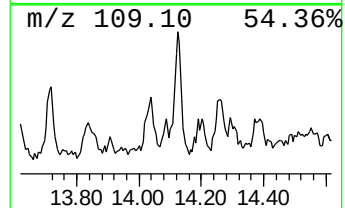
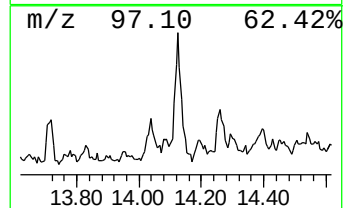
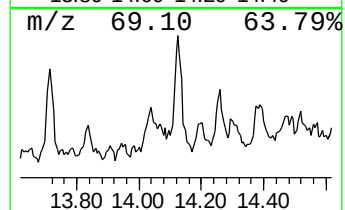
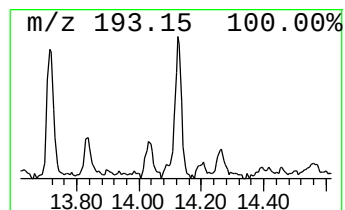
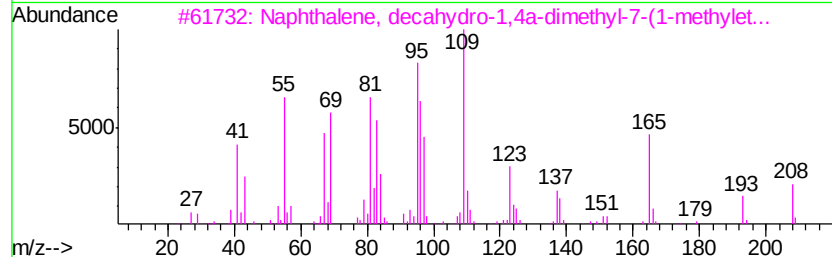
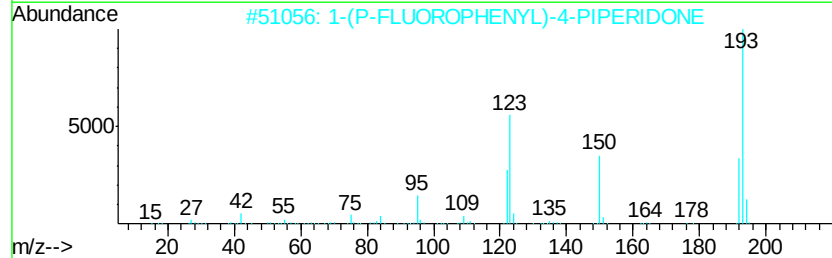
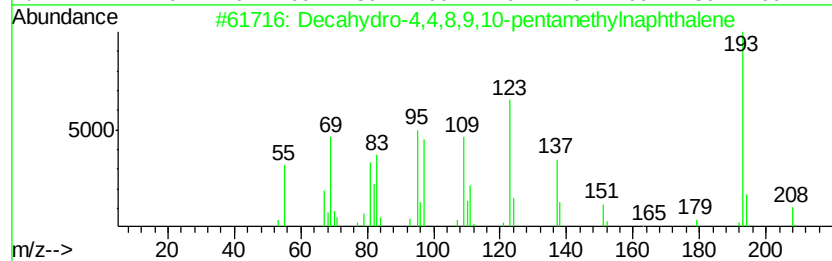
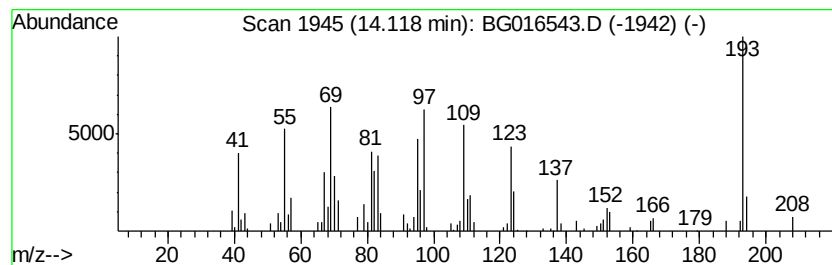
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.16 ng	103425	Acenaphthene-d10	14.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
3		Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	30
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
5		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25



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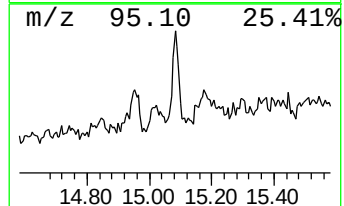
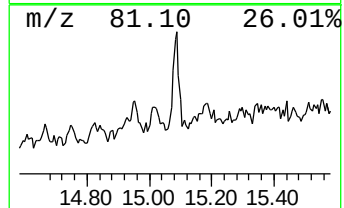
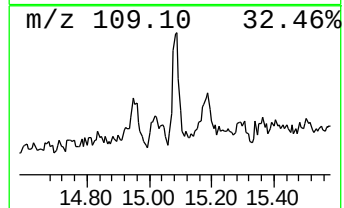
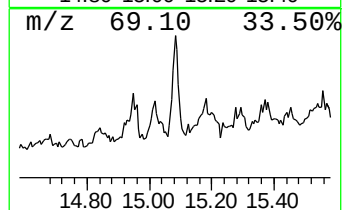
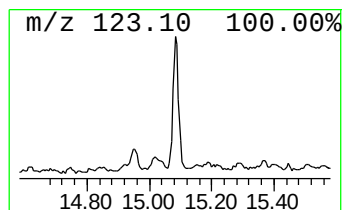
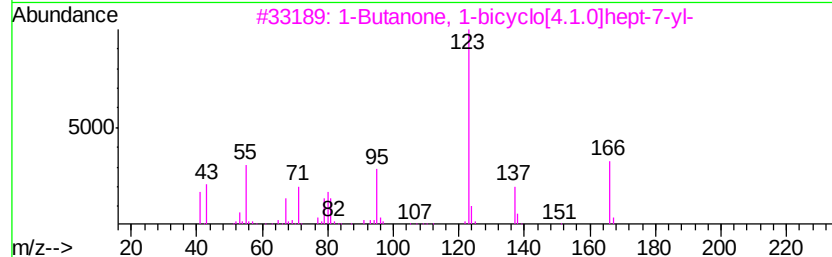
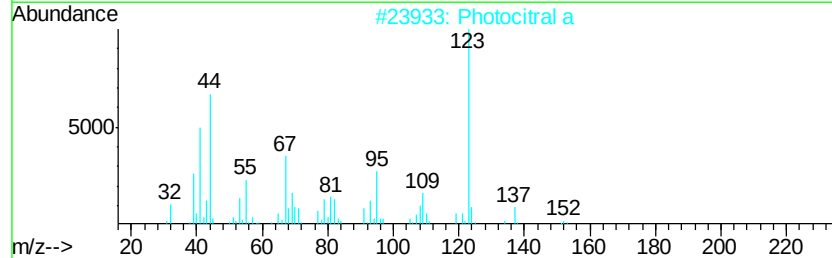
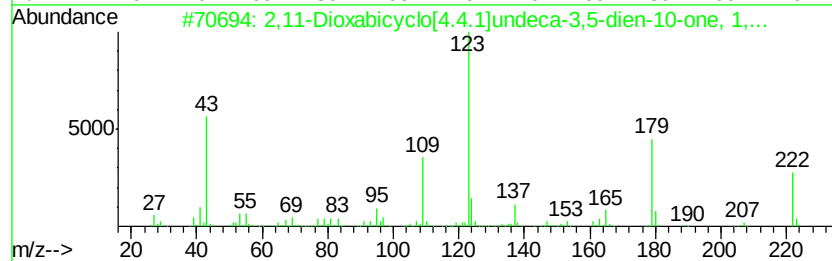
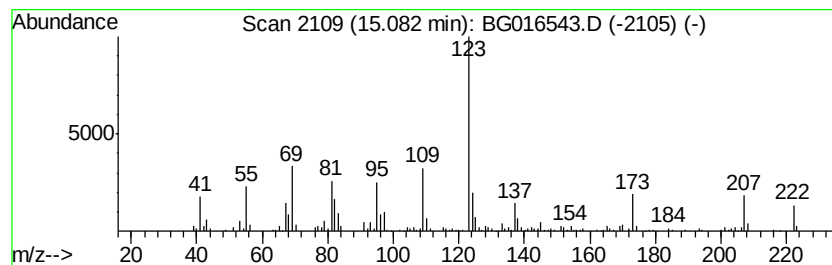
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.08	2.87 ng	137729	Acenaphthene-d10	14.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	Photocitral a	152	C10H16O	1000292-85-0	50
3	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	49
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
5	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	43



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AS-4

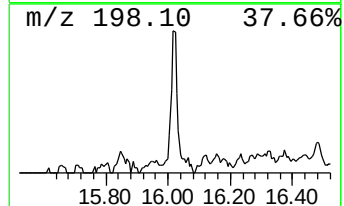
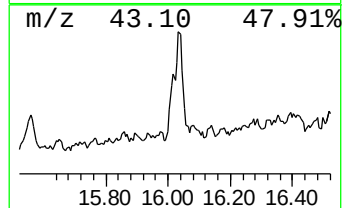
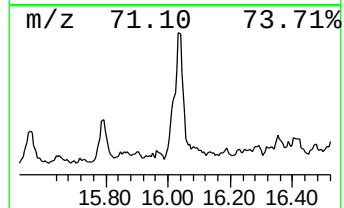
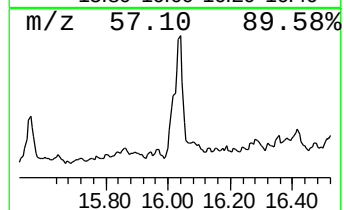
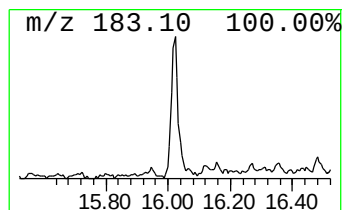
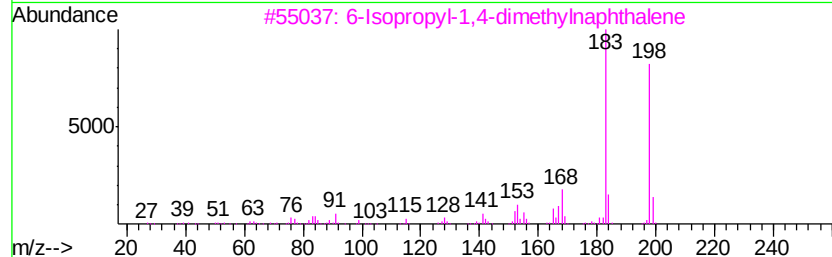
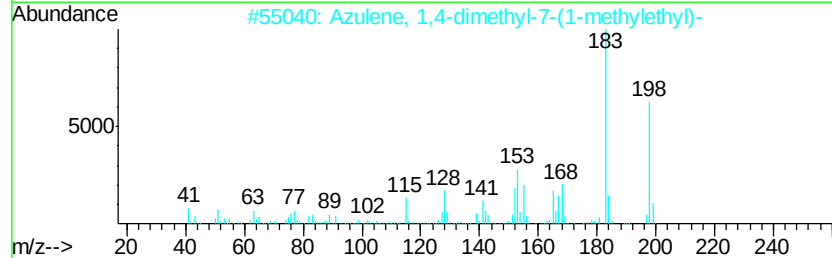
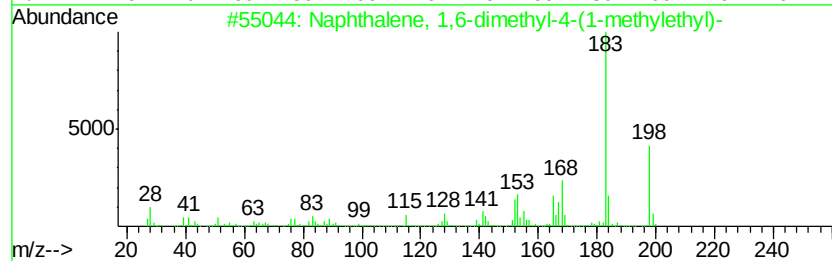
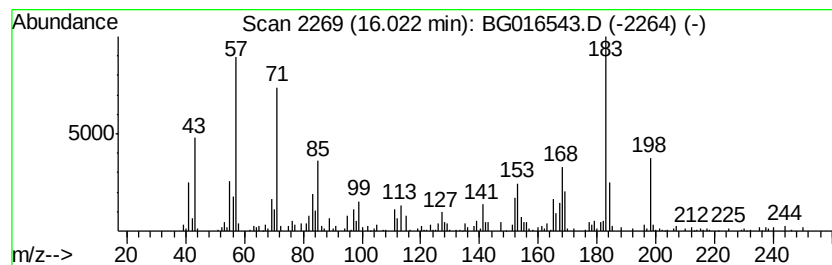
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl-4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.88 ng	157198	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	70
2		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	70
3		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	55
4		Heptadecane	240	C17H36	000629-78-7	53
5		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016543.D
Acq On : 19 Apr 2015 4:21
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-4

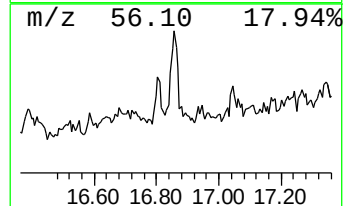
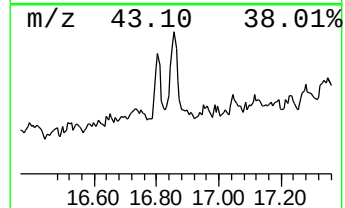
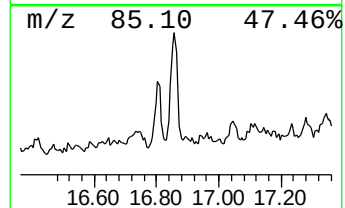
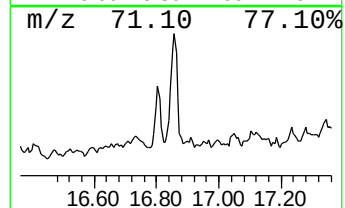
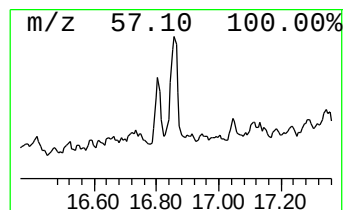
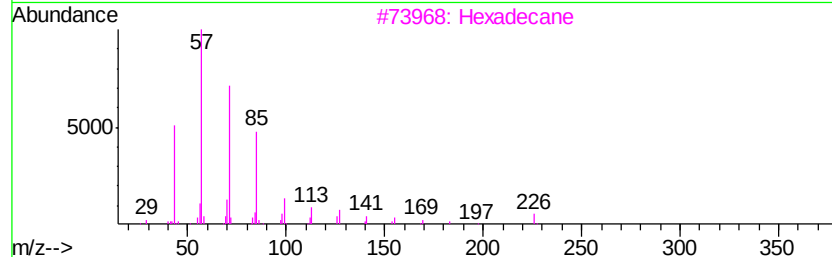
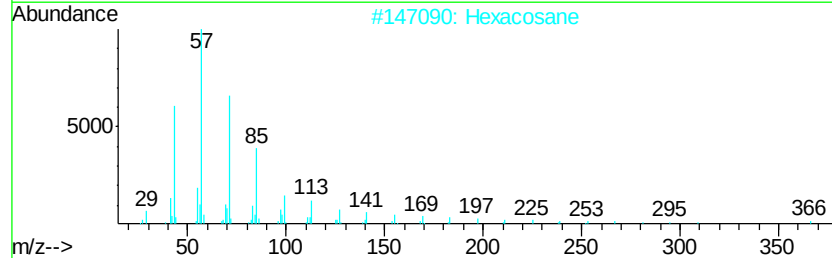
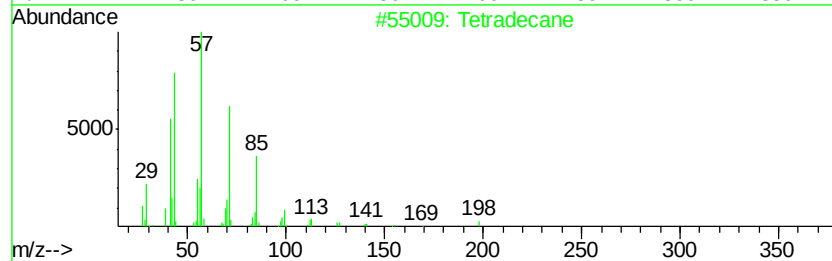
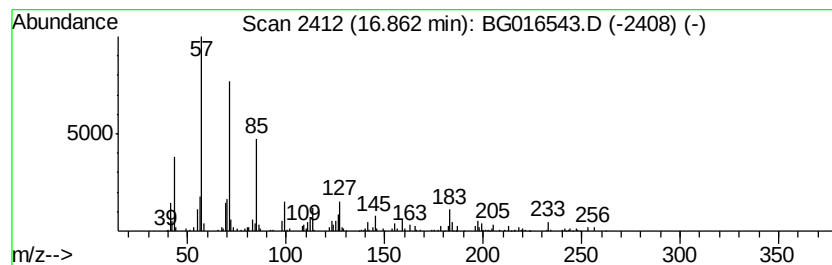
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.24 ng	122270	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Hexacosane	366	C26H54	000630-01-3	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016543.D
Acq On : 19 Apr 2015 4:21
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-4

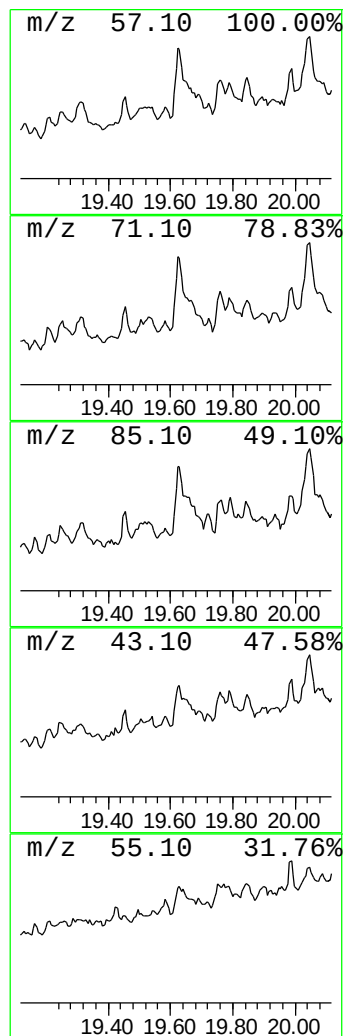
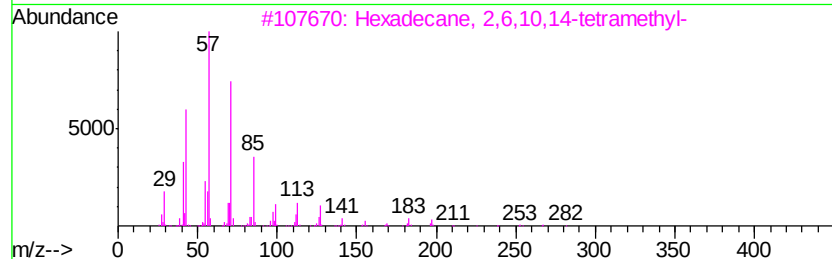
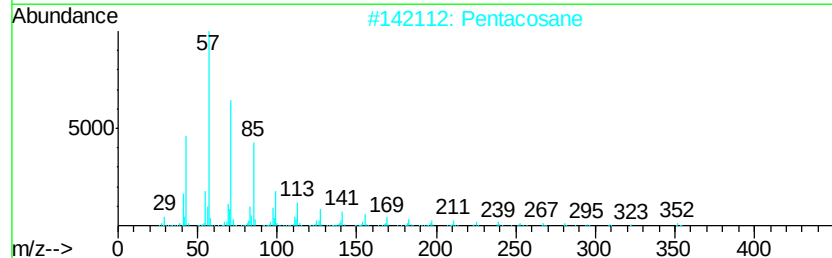
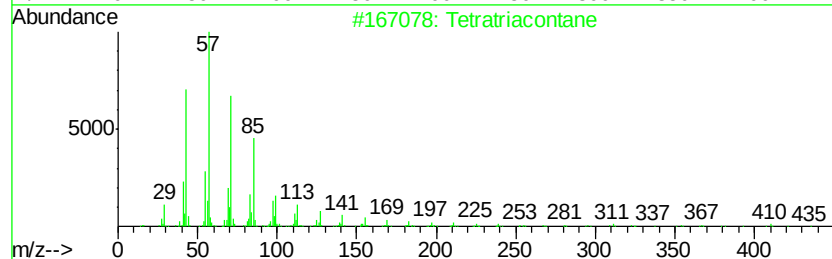
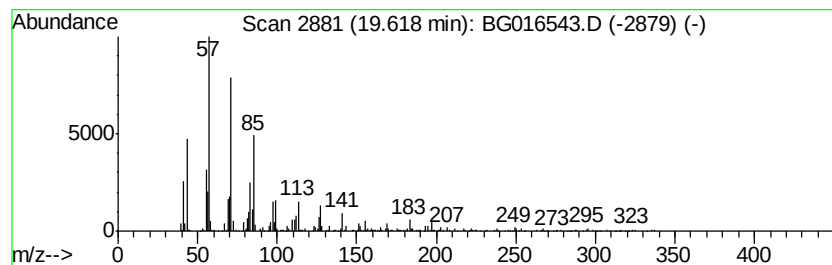
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	10.24 ng	549091	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016543.D
Acq On : 19 Apr 2015 4:21
Operator : TP/IZ
Sample : G1765-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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
Butane, 2-methoxy...	2.83	7.3	ng	155924	1	7.66	427211	20.0
2-Pentanone, 4-hy...	4.77	8.4	ng	179577	1	7.66	427211	20.0
unknown7.19	7.19	61.7	ng	1318580	1	7.66	427211	20.0
Decahydro-4,4,8,9...	14.12	2.2	ng	103425	3	14.30	959347	20.0
2,11-Dioxabicyclo...	15.08	2.9	ng	137729	3	14.30	959347	20.0
Naphthalene, 1,6-...	16.02	2.9	ng	157198	4	17.04	1090810	20.0
Tetradecane	16.86	2.2	ng	122270	4	17.04	1090810	20.0
Tetratriacontane	19.62	10.2	ng	549091	5	21.23	1072130	20.0