

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016522.D
 Acq On : 18 Apr 2015 13:32
 Operator : TP/IZ
 Sample : G1891-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-69D

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	20	rVB	114953	206889	7.26%	0.960%
2	2.831	20	24	29	rVB	120426	148319	5.20%	0.688%
3	4.770	348	354	361	rBV	145946	206070	7.23%	0.956%
4	5.252	429	436	452	rBV	1231192	1778015	62.37%	8.247%
5	6.850	700	708	722	rBV	1241257	1915462	67.19%	8.884%
6	6.956	722	726	734	rVB	26208	44974	1.58%	0.209%
7	7.197	760	767	779	rBV	1287182	1981861	69.52%	9.192%
8	7.655	839	845	853	rBV	247603	386548	13.56%	1.793%
9	7.978	892	900	907	rBB	907191	1400219	49.12%	6.494%
10	8.819	1035	1043	1058	rBV	648711	1062800	37.28%	4.929%
11	10.440	1312	1319	1333	rBV	350657	578510	20.29%	2.683%
12	12.920	1734	1741	1752	rBV	1537616	2258571	79.22%	10.475%
13	13.760	1878	1884	1893	rBV	48535	76091	2.67%	0.353%
14	14.300	1969	1976	1989	rBV2	500796	766665	26.89%	3.556%
15	15.793	2222	2230	2245	rBV	1094768	1547790	54.29%	7.179%
16	16.016	2264	2268	2276	rBV	22544	35285	1.24%	0.164%
17	17.044	2437	2443	2449	rBV	659331	922689	32.37%	4.280%
18	17.949	2593	2597	2602	rBV5	16431	34400	1.21%	0.160%
19	18.237	2637	2646	2650	rBV	20360	38298	1.34%	0.178%
20	18.390	2666	2672	2676	rVB3	39535	67639	2.37%	0.314%
21	18.513	2689	2693	2701	rVB2	60926	86668	3.04%	0.402%
22	18.660	2713	2718	2725	rVB	141810	185882	6.52%	0.862%
23	18.789	2735	2740	2747	rBV4	36233	70727	2.48%	0.328%
24	18.936	2760	2765	2771	rVB3	23111	35921	1.26%	0.167%
25	19.159	2798	2803	2808	rVB	154520	196717	6.90%	0.912%
26	19.629	2878	2883	2885	rBV2	29343	40795	1.43%	0.189%
27	19.671	2885	2890	2899	rVB	2179861	2850865	100.00%	13.223%
28	19.882	2921	2926	2936	rVB	122123	153339	5.38%	0.711%
29	20.370	3004	3009	3012	rBV	41521	48041	1.69%	0.223%
30	20.417	3012	3017	3021	rVB	63498	77727	2.73%	0.361%
31	20.940	3101	3106	3116	rBV	115220	204322	7.17%	0.948%
32	21.139	3135	3140	3144	rBV	101279	111852	3.92%	0.519%
33	21.222	3149	3154	3168	rVB	799937	1013256	35.54%	4.700%
34	22.385	3347	3352	3359	rBV2	28495	42625	1.50%	0.198%

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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

35	23.448	3526	3533	3545	rBV	523621	984709	34.54%	4.567%
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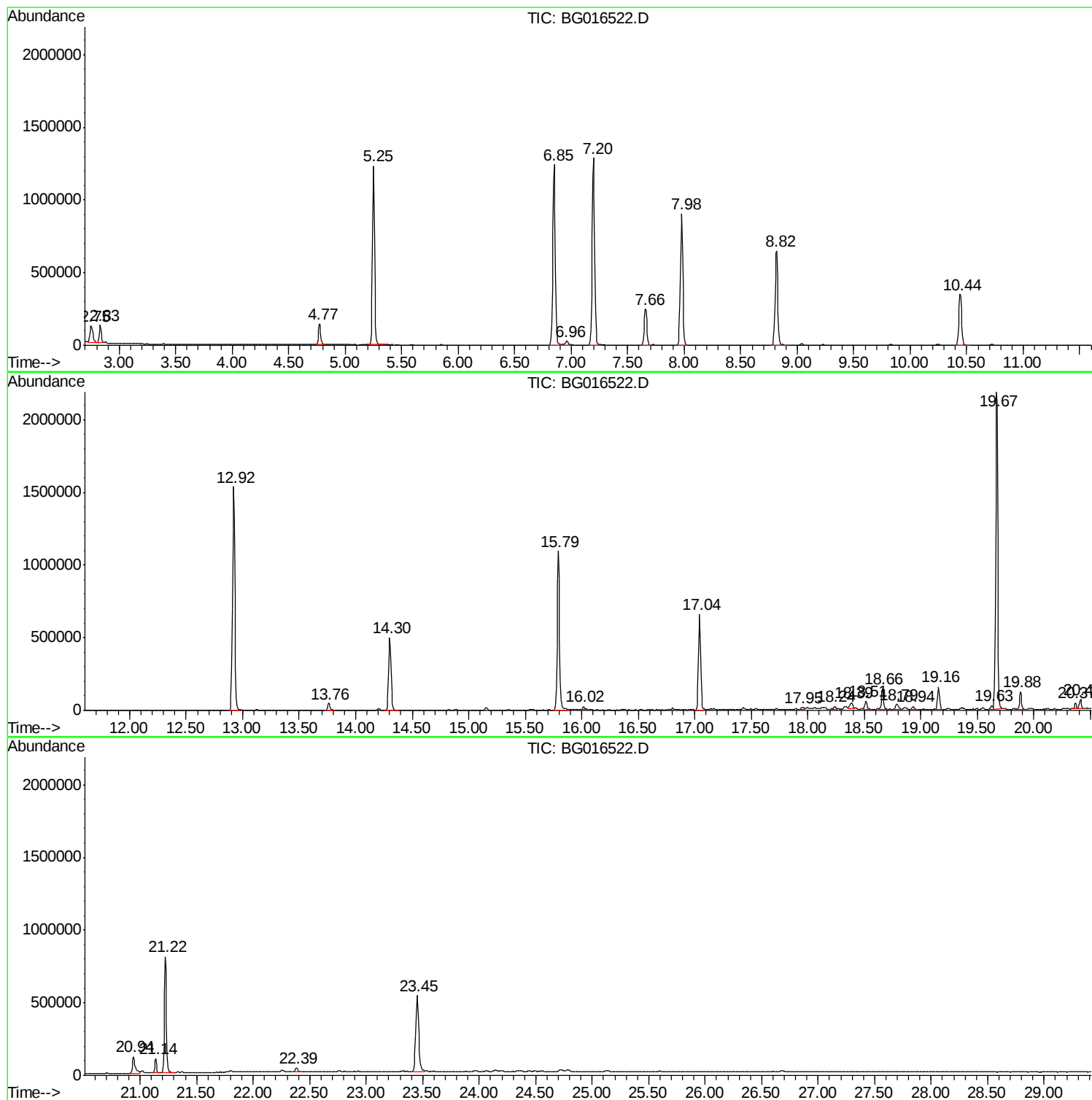
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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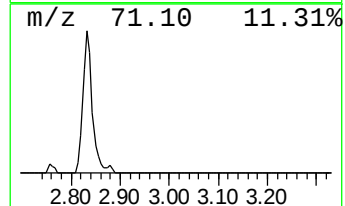
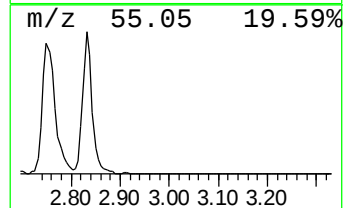
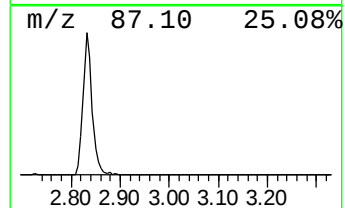
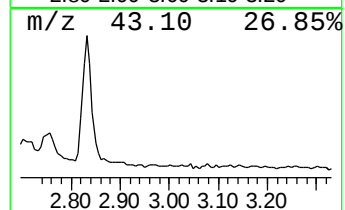
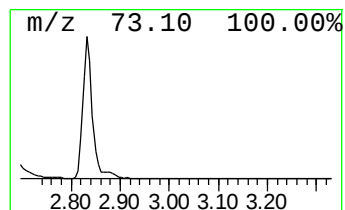
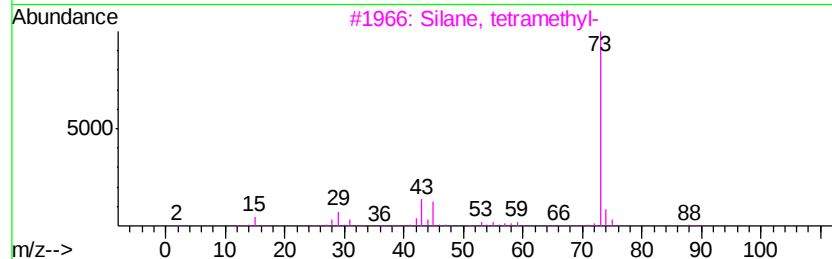
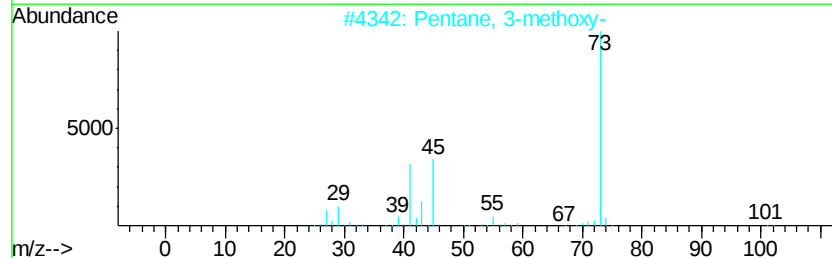
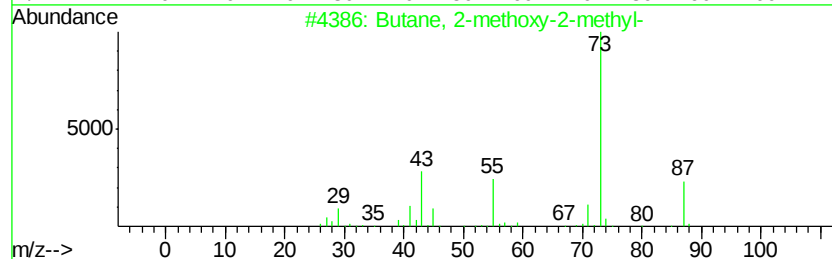
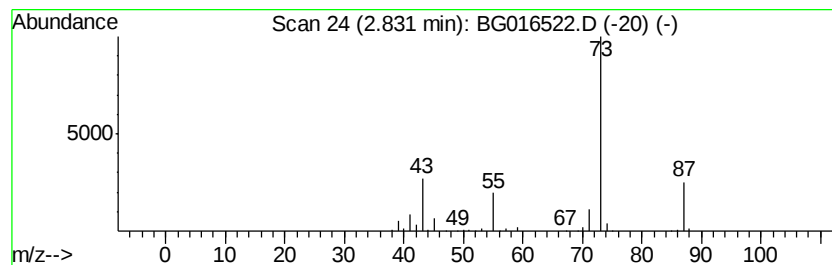
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	7.67 ng	148319	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	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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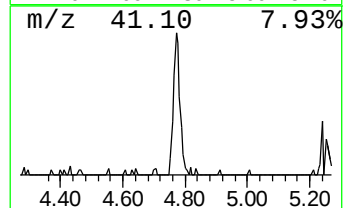
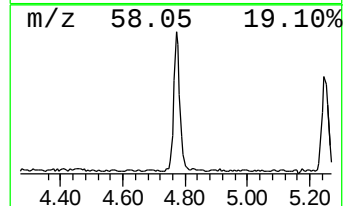
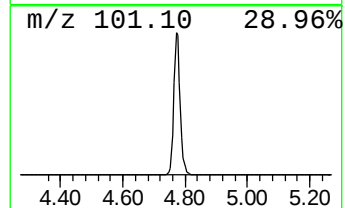
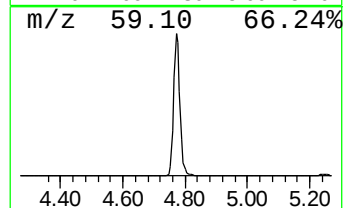
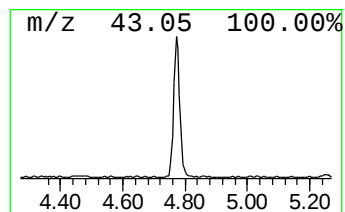
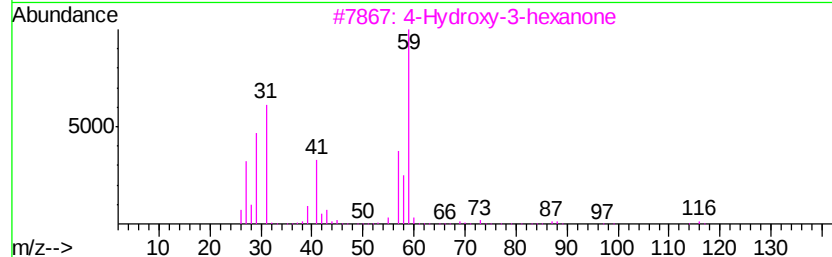
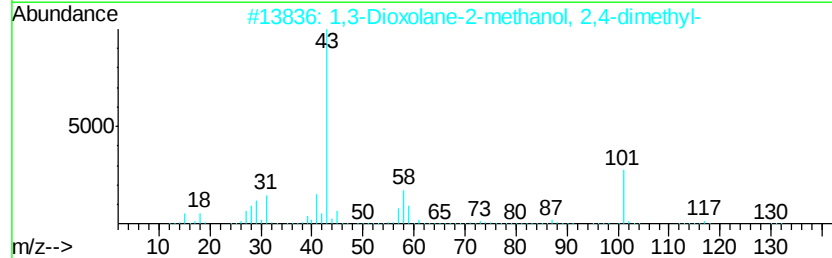
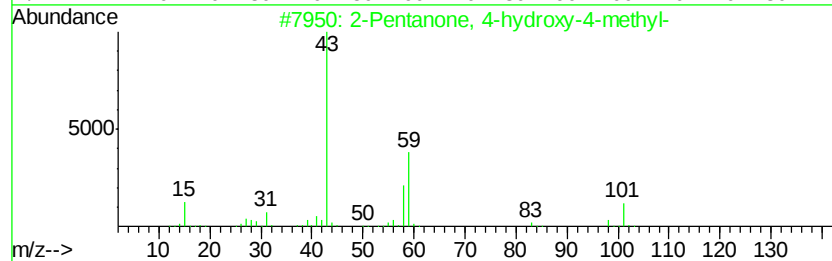
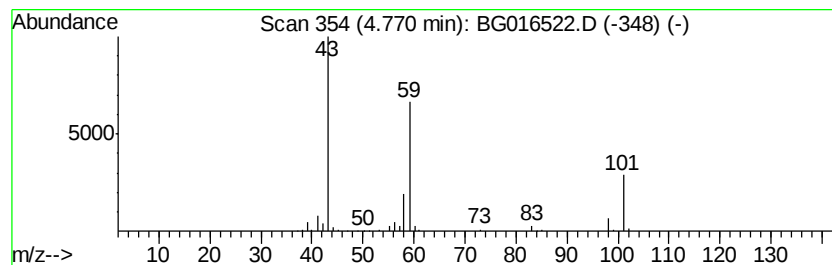
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	10.66 ng	206070	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	42
2		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	17
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12



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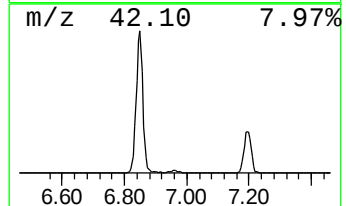
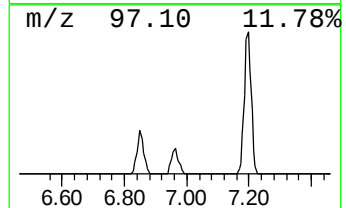
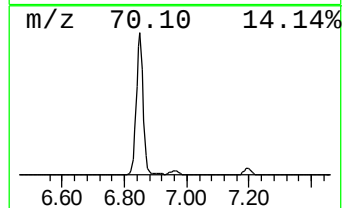
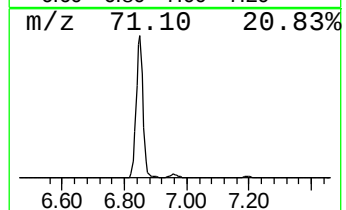
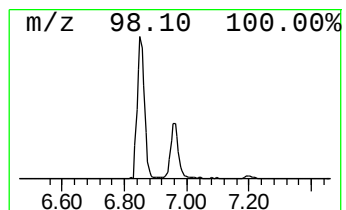
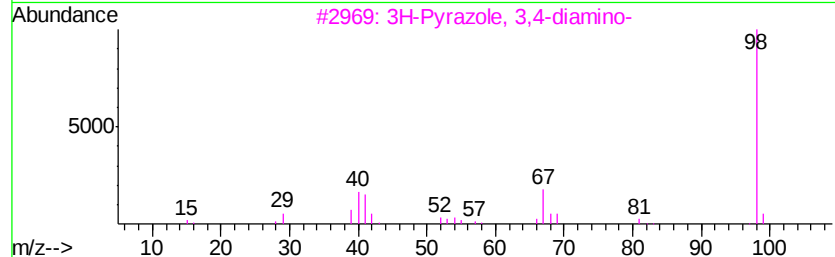
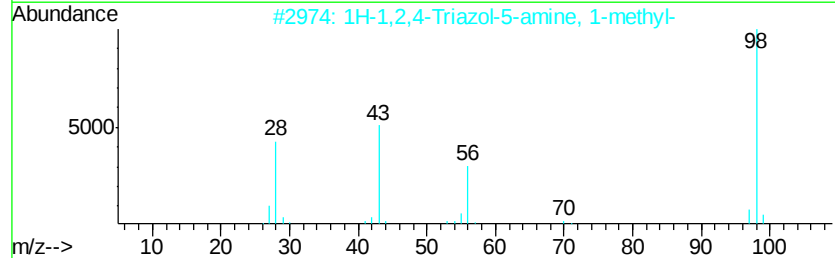
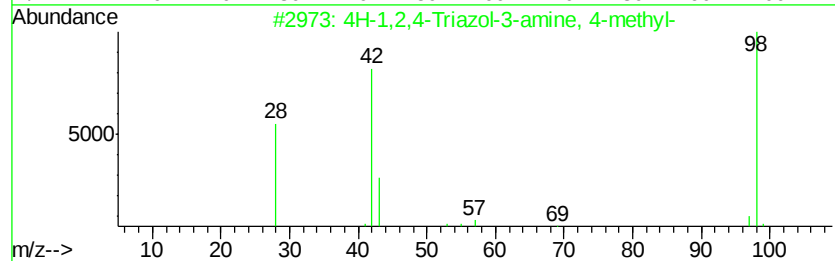
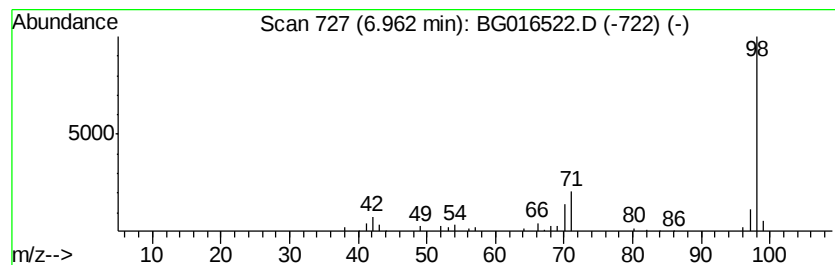
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-1,2,4-Triazol-3-amine, 4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.33 ng	44974	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	53
2		1H-1,2,4-Triazol-5-amine, 1-methyl-	98	C3H6N4	015795-39-8	50
3		3H-Pyrazole, 3,4-diamino-	98	C3H6N4	1000288-40-0	47
4		Pyrido[2,3-d]pyrimidine-2,4(1H,3...)	385	C16H21Cl12N5O2	1000265-65-2	47
5		3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	45



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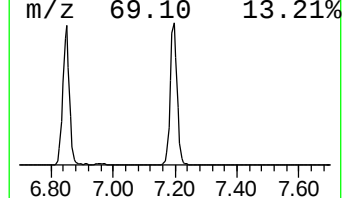
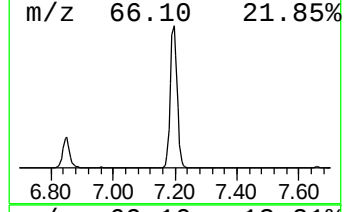
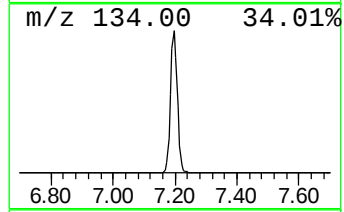
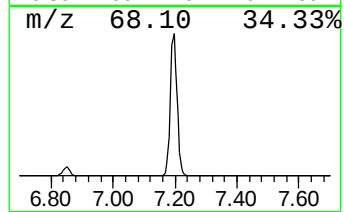
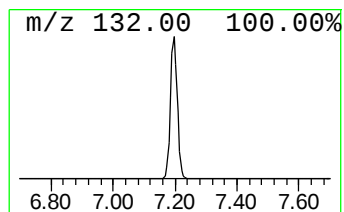
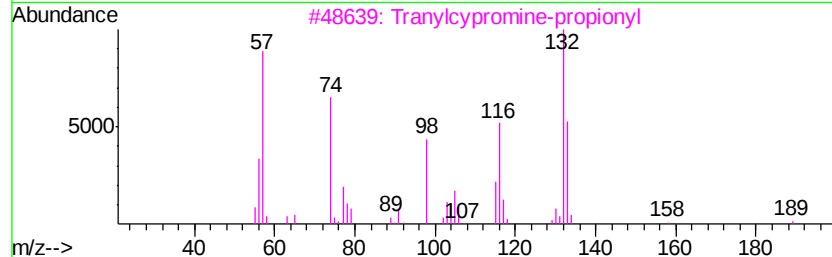
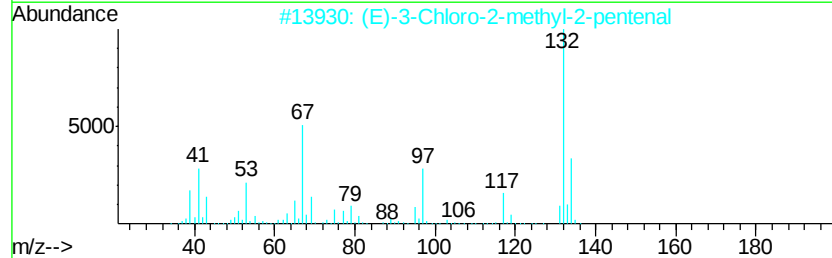
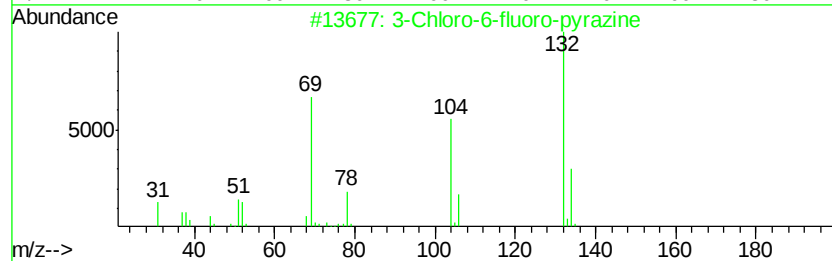
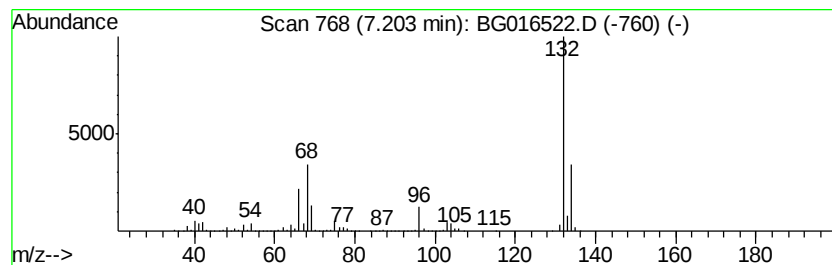
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	102.54 ng	1981860	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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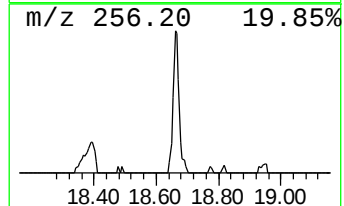
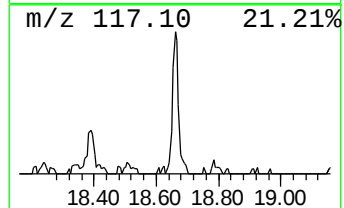
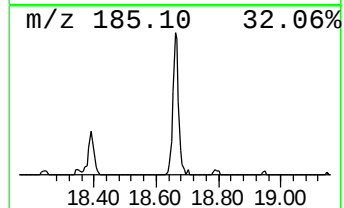
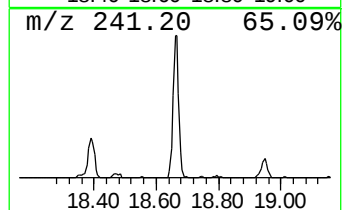
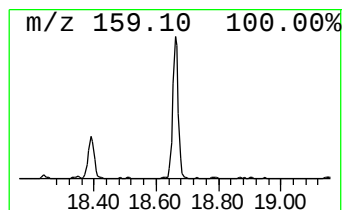
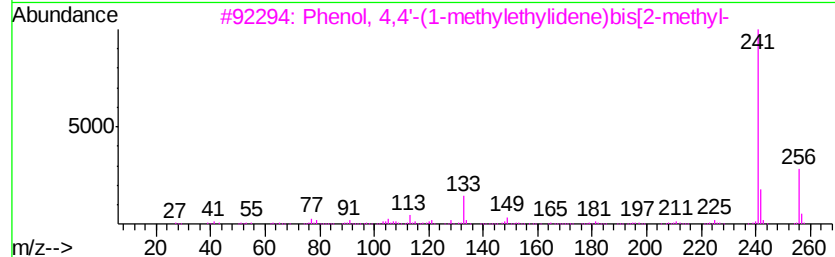
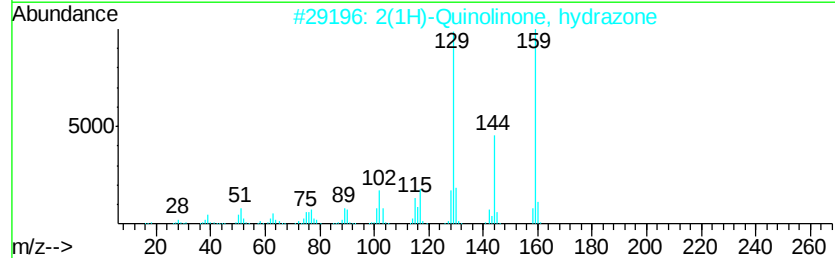
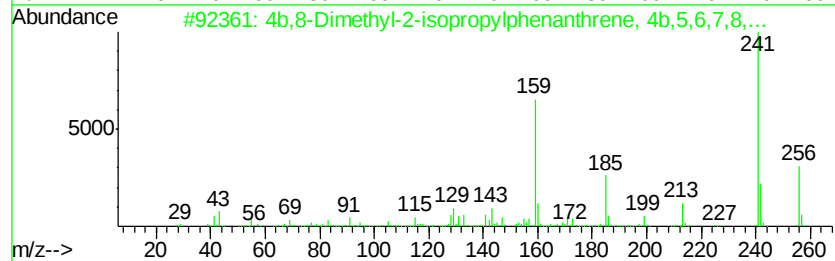
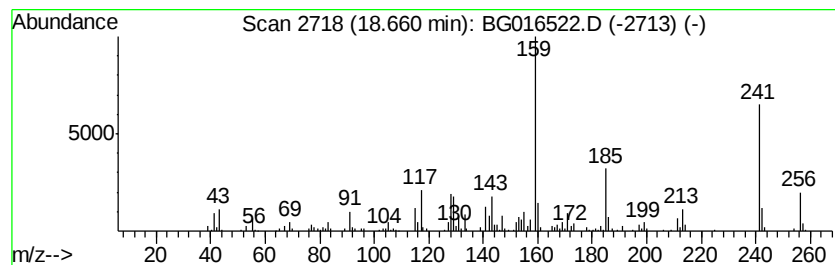
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	4.03 ng	185882	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	38
3		Phenol, 4,4'-(1-methylethylidene...	256	C17H20O2	000079-97-0	35
4		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30
5		1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016522.D
Acq On : 18 Apr 2015 13:32
Operator : TP/IZ
Sample : G1891-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-69D

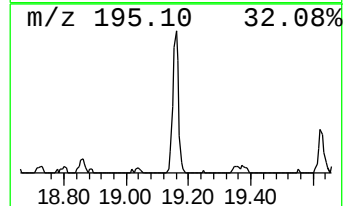
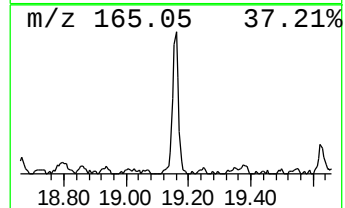
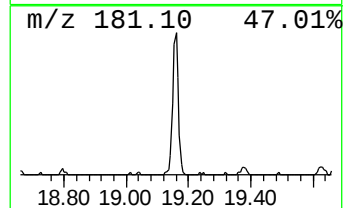
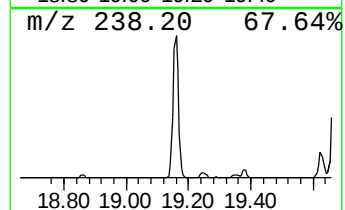
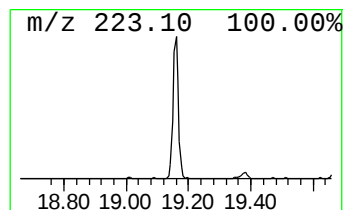
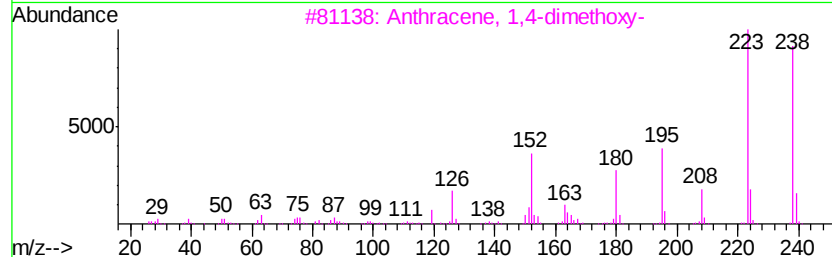
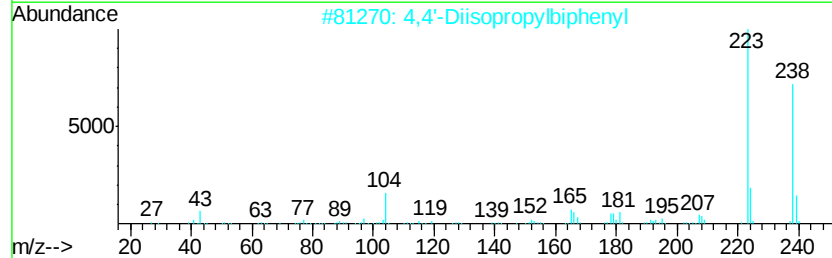
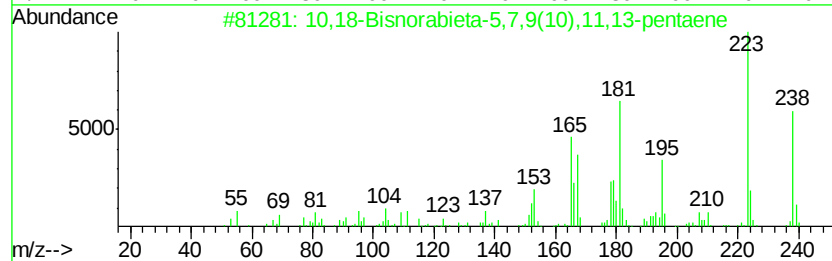
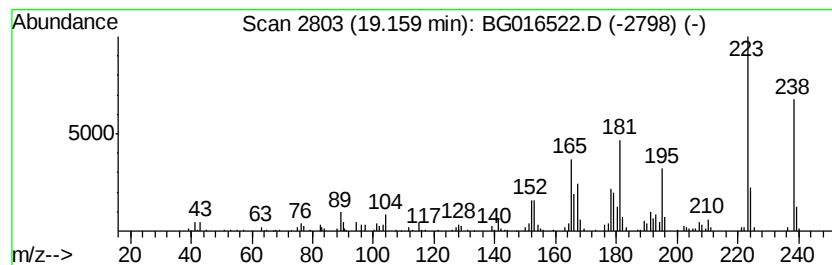
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.88 ng	196717	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	50
5		3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	50



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Data File : BG016522.D
Acq On : 18 Apr 2015 13:32
Operator : TP/IZ
Sample : G1891-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-69D

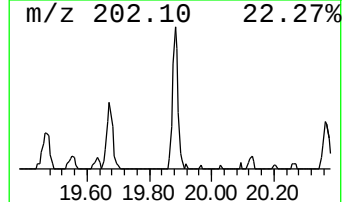
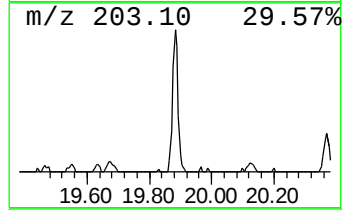
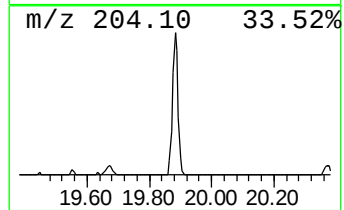
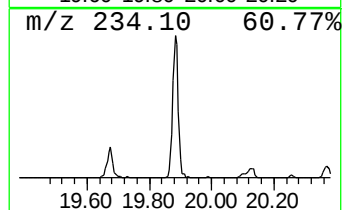
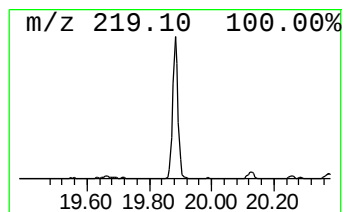
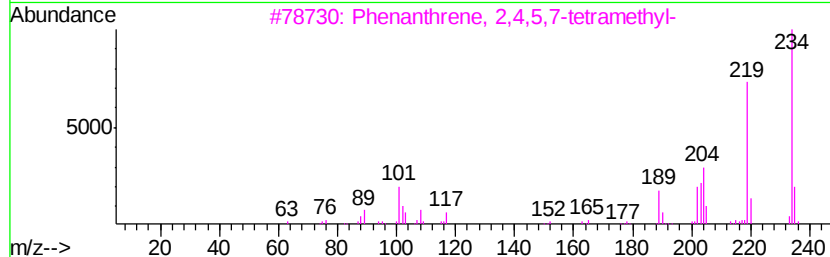
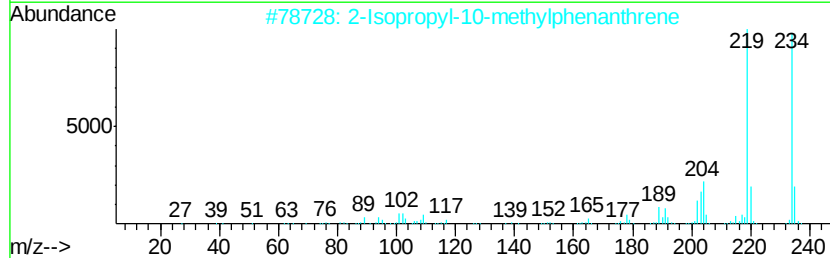
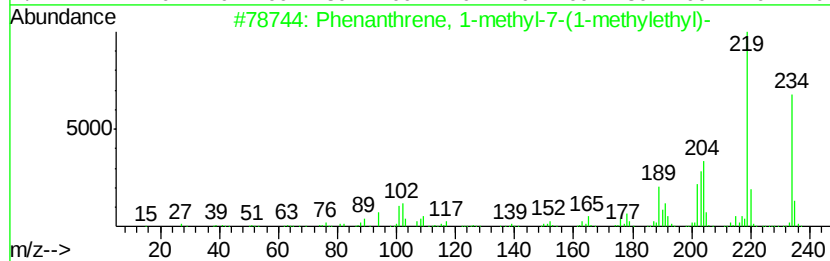
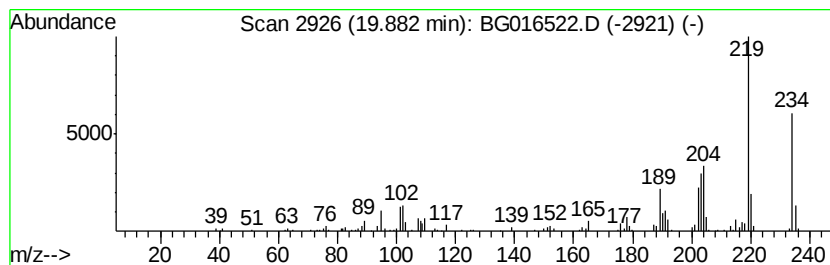
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl-7-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.03 ng	153339	Chrysene-d12	21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18		000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18		066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18		007396-38-5	70
4	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O		036778-18-4	58
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18		007343-06-8	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016522.D
Acq On : 18 Apr 2015 13:32
Operator : TP/IZ
Sample : G1891-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-69D

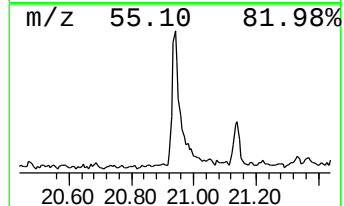
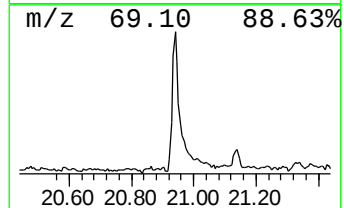
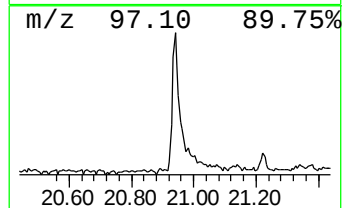
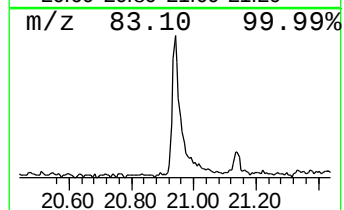
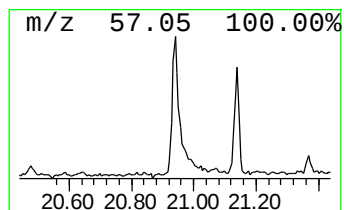
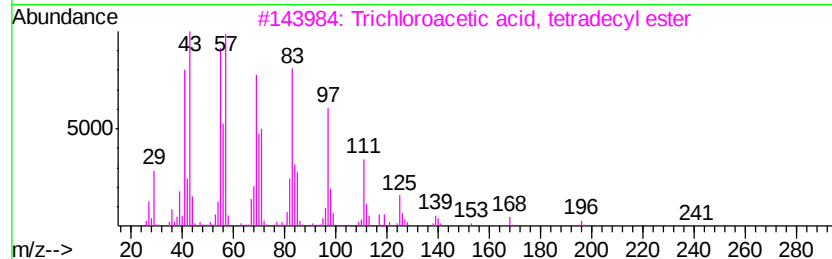
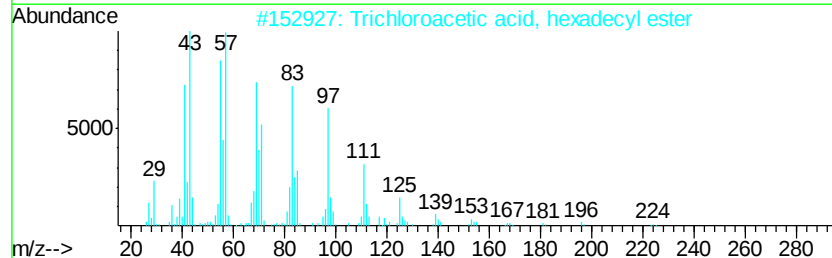
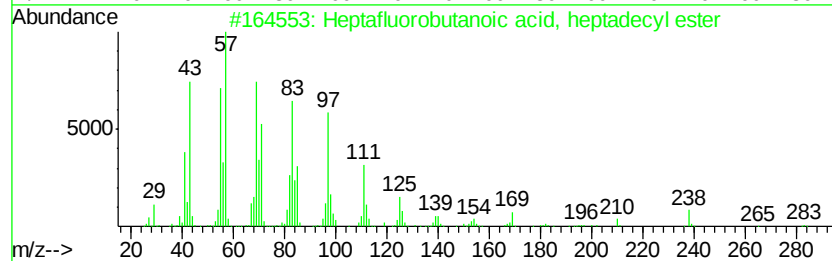
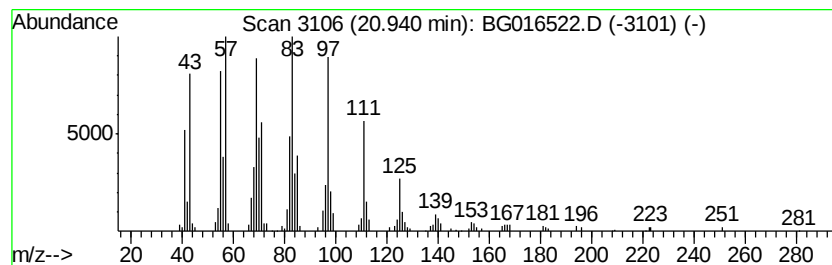
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptafluorobutanoic acid, h... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.03 ng	204322	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4		1-Tetracosanol	354	C24H50O	000506-51-4	90
5		1-Hexacosanol	382	C26H54O	000506-52-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016522.D
Acq On : 18 Apr 2015 13:32
Operator : TP/IZ
Sample : G1891-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-69D

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	7.7	ng	148319	1	7.66	386548	20.0
2-Pentanone, 4-hy...	4.77	10.7	ng	206070	1	7.66	386548	20.0
4H-1,2,4-Triazol-...	6.96	2.3	ng	44974	1	7.66	386548	20.0
unknown7.20	7.20	102.5	ng	1981860	1	7.66	386548	20.0
4b,8-Dimethyl-2-i...	18.66	4.0	ng	185882	4	17.04	922689	20.0
10,18-Bisnorabiet...	19.16	3.9	ng	196717	5	21.22	1013260	20.0
Phenanthrene, 1-m...	19.88	3.0	ng	153339	5	21.22	1013260	20.0
Heptafluorobutano...	20.94	4.0	ng	204322	5	21.22	1013260	20.0