

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016735.D
 Acq On : 27 Apr 2015 14:19
 Operator : TP/IZ
 Sample : G1950-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-21(2-5)

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-BG042315.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	2.730	3	7	12	rVV	102314	116131	4.84%	0.511%
2	2.777	12	15	21	rVB	20005	24704	1.03%	0.109%
3	4.686	334	340	351	rBV	130892	182046	7.59%	0.800%
4	5.174	417	423	440	rVB	844118	1176022	49.01%	5.171%
5	6.784	690	697	712	rBV	864684	1310907	54.64%	5.764%
6	7.119	747	754	766	rBV	907143	1381722	57.59%	6.075%
7	7.577	824	832	839	rBV	214716	333047	13.88%	1.464%
8	7.900	879	887	897	rVB	662492	1039045	43.31%	4.568%
9	8.740	1023	1030	1039	rBV	495101	798449	33.28%	3.511%
10	10.368	1296	1307	1313	rBV	308986	518662	21.62%	2.280%
11	12.853	1721	1730	1744	rBV	1409062	2019493	84.17%	8.879%
12	13.699	1869	1874	1883	rVB	126393	177300	7.39%	0.780%
13	14.234	1957	1965	1973	rBV2	480116	724737	30.21%	3.186%
14	15.732	2212	2220	2229	rBV	890744	1241419	51.74%	5.458%
15	15.955	2254	2258	2260	rBV3	20062	27758	1.16%	0.122%
16	16.637	2370	2374	2383	rVB	16094	26731	1.11%	0.118%
17	16.743	2388	2392	2398	rVV3	23025	36471	1.52%	0.160%
18	16.796	2398	2401	2406	rVB2	18268	24356	1.02%	0.107%
19	16.984	2427	2433	2436	rBV	554271	793137	33.06%	3.487%
20	17.025	2436	2440	2446	rVB	226042	311257	12.97%	1.369%
21	17.113	2451	2455	2460	rVB	39147	57864	2.41%	0.254%
22	17.395	2500	2503	2512	rVB	20027	30411	1.27%	0.134%
23	17.483	2513	2518	2524	rVV3	24986	37923	1.58%	0.167%
24	17.853	2576	2581	2583	rBV	36402	51168	2.13%	0.225%
25	17.888	2583	2587	2595	rVB2	114673	227877	9.50%	1.002%
26	17.982	2600	2603	2609	rVV3	18491	30737	1.28%	0.135%
27	18.047	2609	2614	2618	rVV2	41470	84562	3.52%	0.372%
28	18.082	2618	2620	2626	rVB	33193	44802	1.87%	0.197%
29	18.358	2663	2667	2671	rVV	28782	37801	1.58%	0.166%
30	18.405	2671	2675	2683	rVB3	24222	36598	1.53%	0.161%
31	18.746	2729	2733	2735	rBV2	24614	31600	1.32%	0.139%
32	18.781	2735	2739	2742	rVB2	18307	31772	1.32%	0.140%
33	18.922	2758	2763	2769	rBV	39491	62287	2.60%	0.274%
34	19.046	2778	2784	2791	rBV	428560	598339	24.94%	2.631%

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35	19.175	2802	2806	2812	rVB4	35896	63339	2.64%	0.278%
36	19.316	2822	2830	2834	rVB2	136363	175806	7.33%	0.773%
37	19.410	2836	2846	2854	rVV	390659	682818	28.46%	3.002%
38	19.481	2854	2858	2866	rVB2	28626	51977	2.17%	0.229%
39	19.616	2873	2881	2886	rBV	1982554	2399334	100.00%	10.549%
40	19.733	2896	2901	2907	rBV5	38527	94965	3.96%	0.418%
41	19.874	2919	2925	2926	rBV4	35783	59369	2.47%	0.261%
42	20.062	2951	2957	2961	rBV2	49277	81659	3.40%	0.359%
43	20.203	2978	2981	2984	rBV	27634	30392	1.27%	0.134%
44	20.256	2985	2990	2993	rBV3	44931	68929	2.87%	0.303%
45	20.362	3004	3008	3013	rVB	94759	113116	4.71%	0.497%
46	20.421	3015	3018	3021	rVB3	38986	39489	1.65%	0.174%
47	20.650	3053	3057	3062	rBV	88860	119486	4.98%	0.525%
48	20.814	3081	3085	3089	rBV2	39872	60980	2.54%	0.268%
49	20.855	3089	3092	3093	rVV	39449	39831	1.66%	0.175%
50	20.885	3093	3097	3104	rVV4	190737	296246	12.35%	1.303%
51	20.949	3104	3108	3115	rVB	75128	115134	4.80%	0.506%
52	21.167	3138	3145	3149	rBV2	820765	1353129	56.40%	5.949%
53	21.202	3149	3151	3161	rVB	301712	383379	15.98%	1.686%
54	21.320	3167	3171	3175	rBV	87226	101335	4.22%	0.446%
55	21.707	3235	3237	3240	rVB	50353	45071	1.88%	0.198%
56	21.743	3240	3243	3251	rVB2	73143	131008	5.46%	0.576%
57	22.189	3315	3319	3324	rBV2	68441	96778	4.03%	0.426%
58	22.706	3401	3407	3412	rBV	278956	647717	27.00%	2.848%
59	23.176	3483	3487	3494	rVB	166720	276415	11.52%	1.215%
60	23.276	3495	3504	3511	rVB	195841	420211	17.51%	1.848%
61	23.370	3514	3520	3525	rBV2	460826	841967	35.09%	3.702%
62	25.603	3893	3900	3911	rVB2	108824	327349	13.64%	1.439%

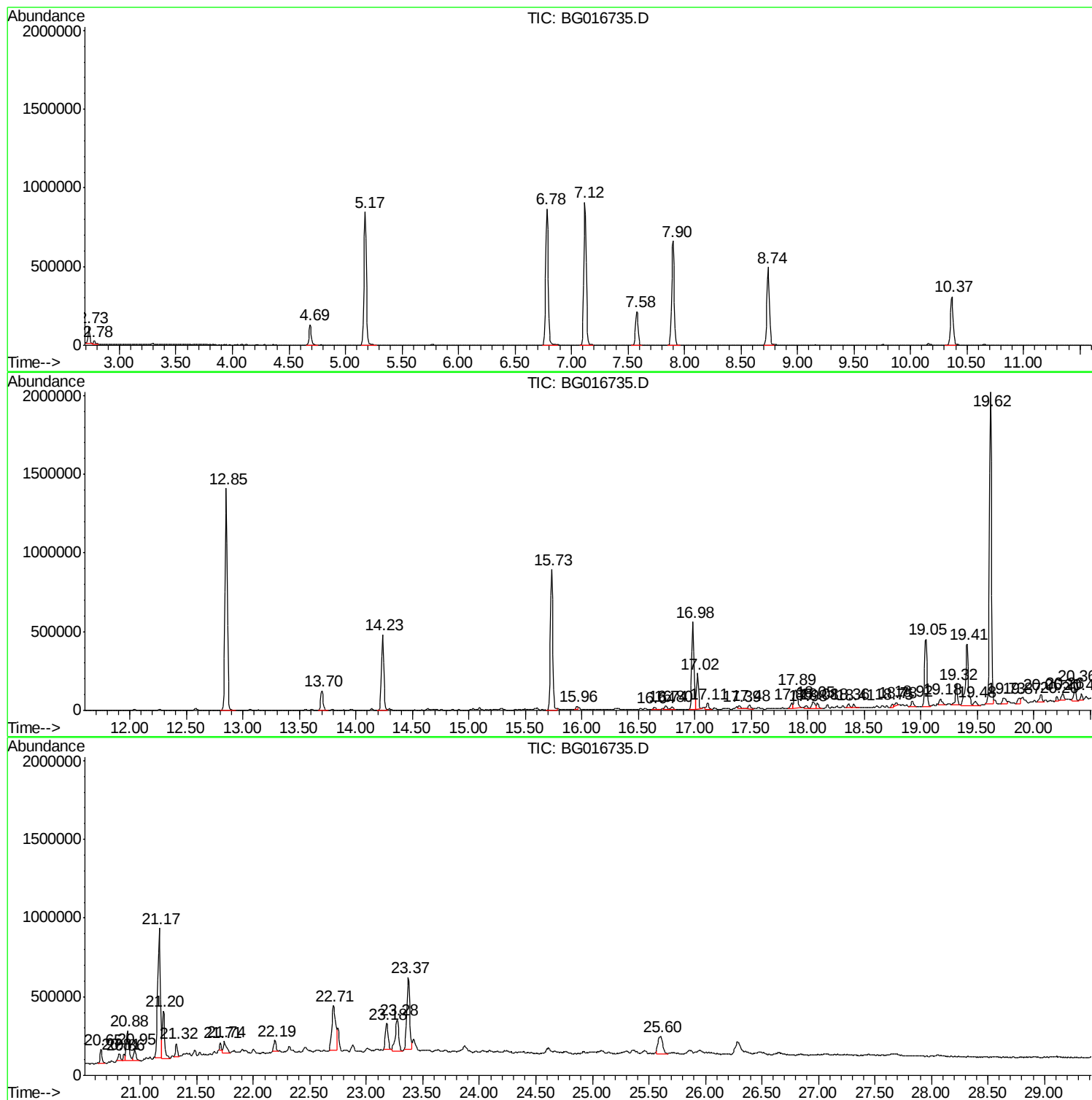
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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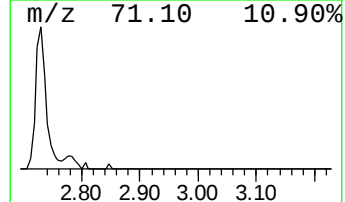
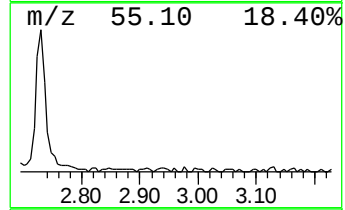
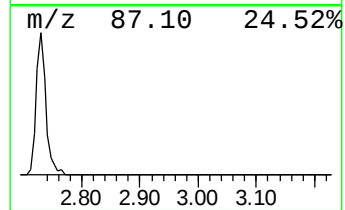
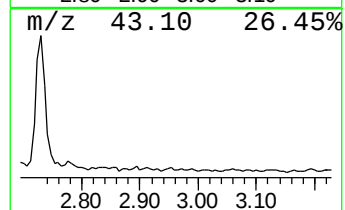
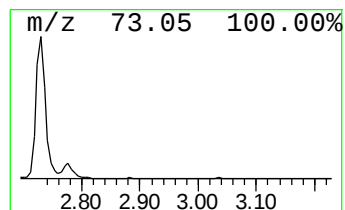
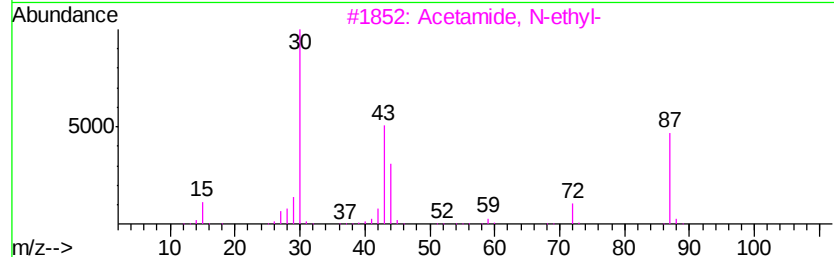
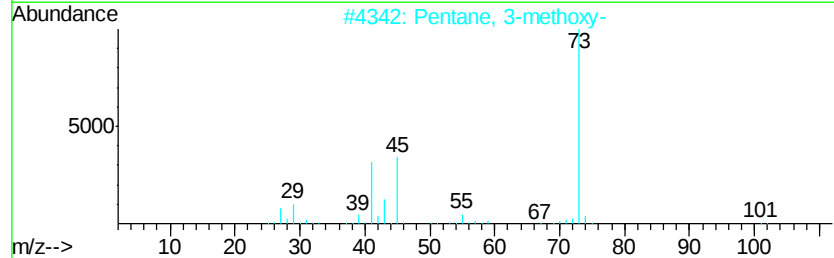
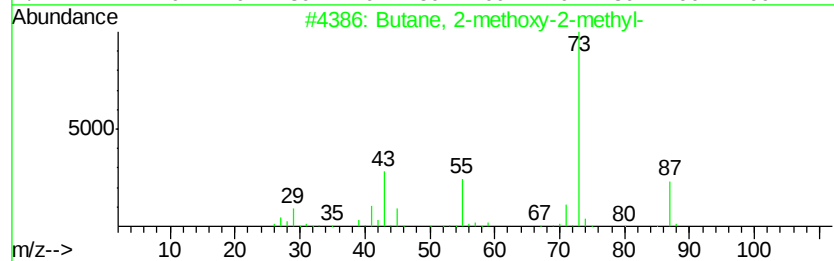
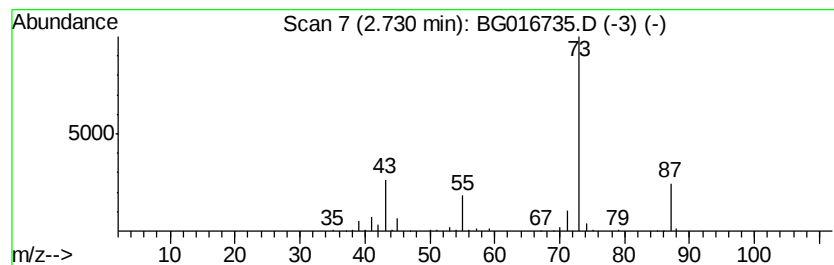
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	6.97 ng	116131	1,4-Dichlorobenzene-d4	7.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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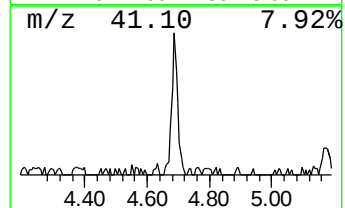
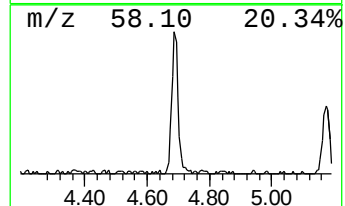
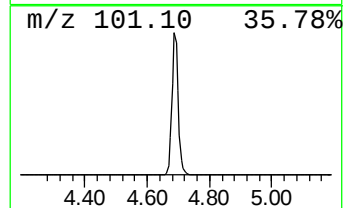
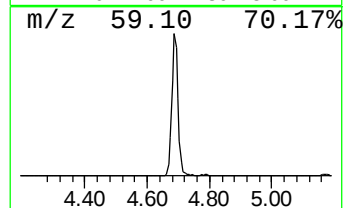
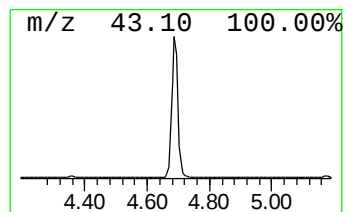
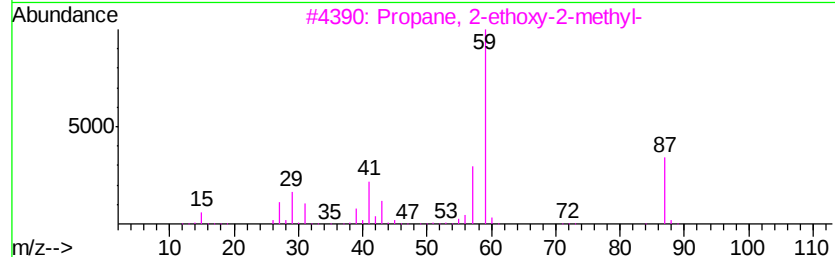
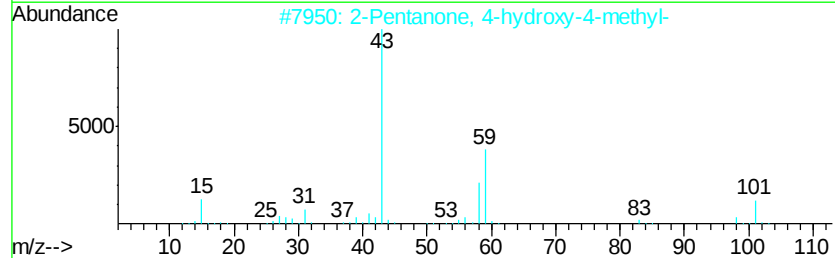
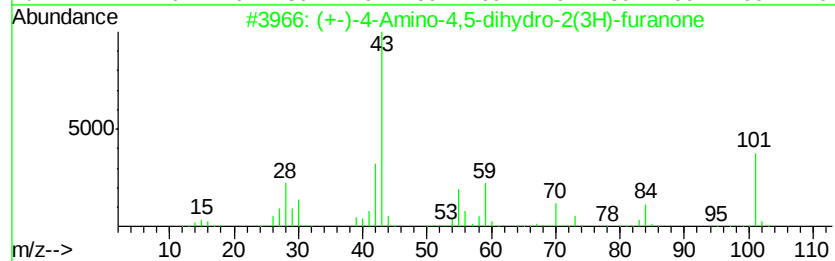
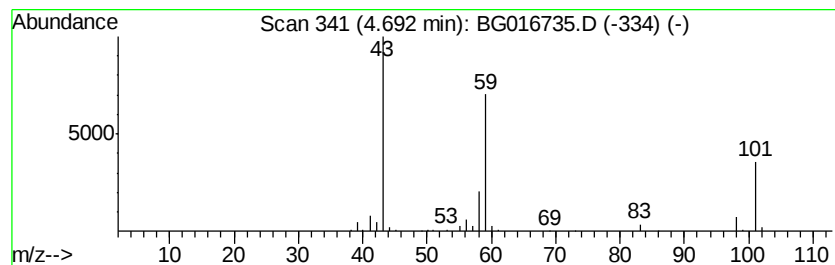
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown4.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	10.93 ng	182046	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-	4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	25
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17



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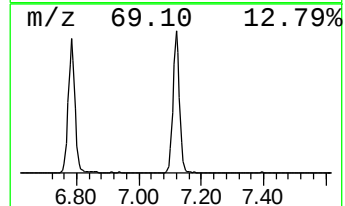
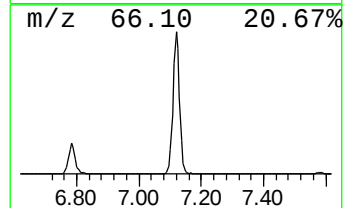
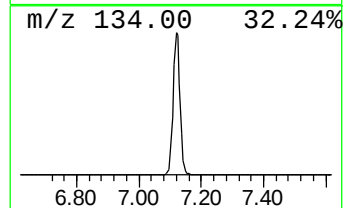
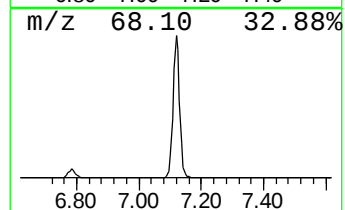
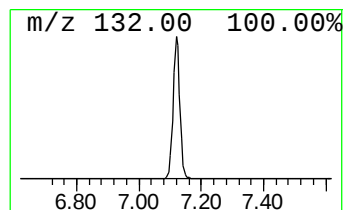
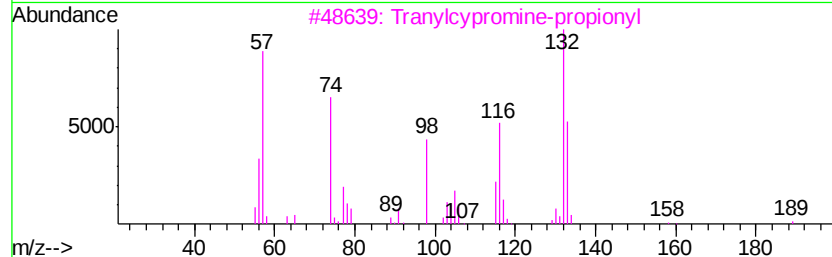
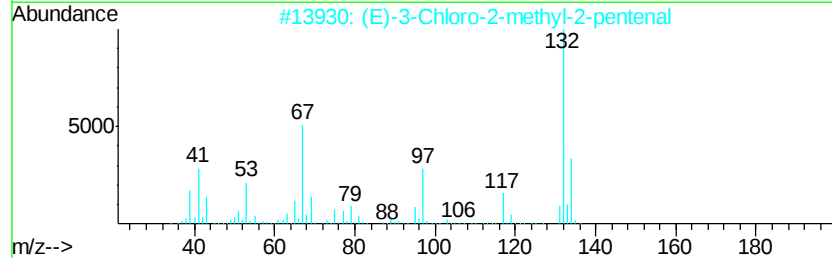
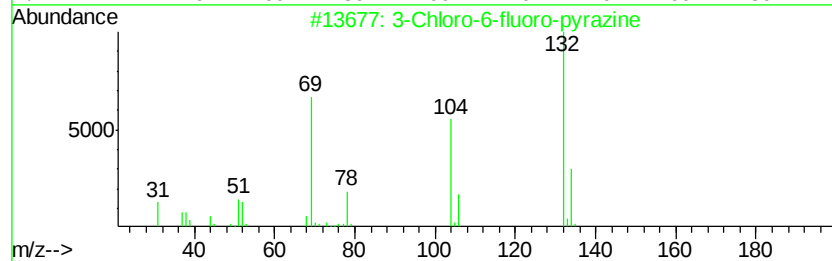
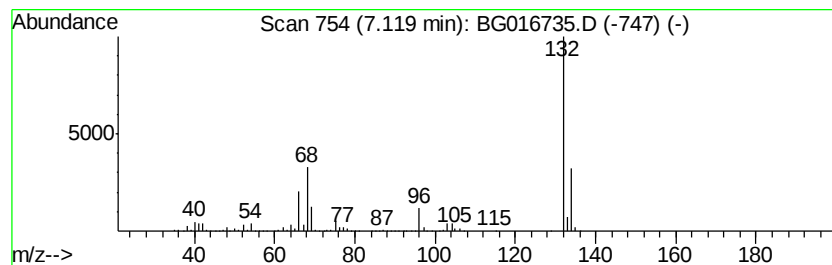
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	82.97 ng	1381720	1,4-Dichlorobenzene-d4	7.58

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	35
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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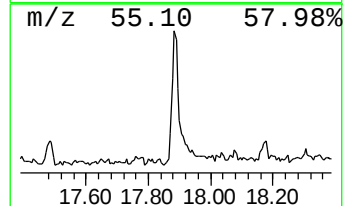
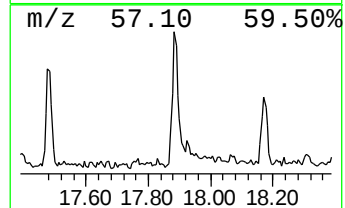
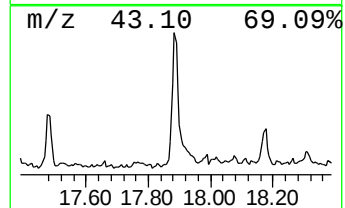
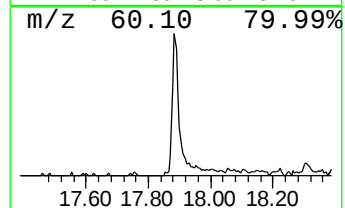
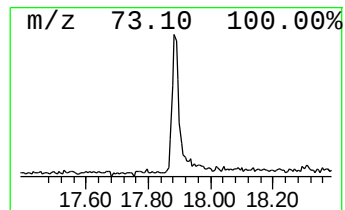
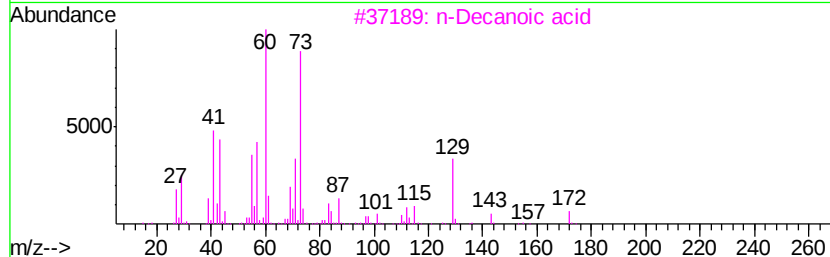
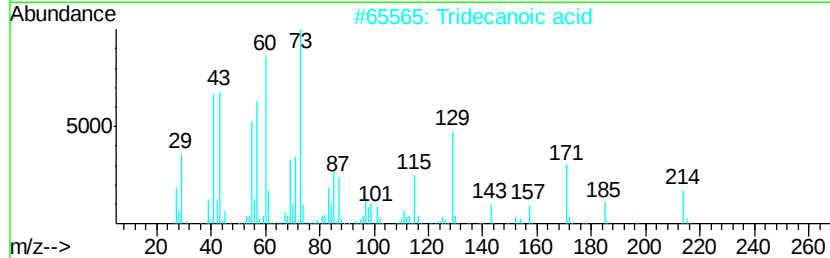
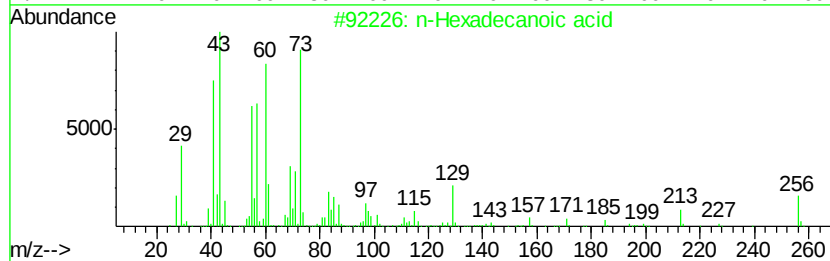
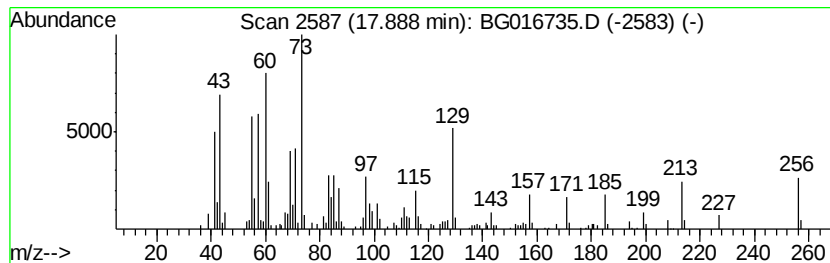
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	5.75 ng	227877	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64



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PS-21(2-5)

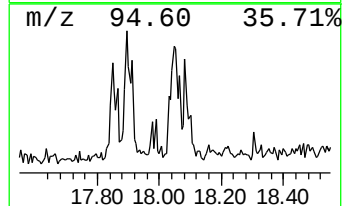
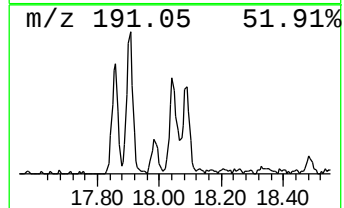
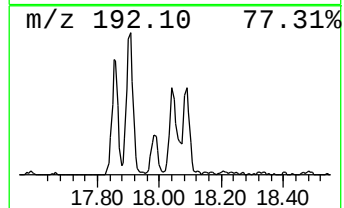
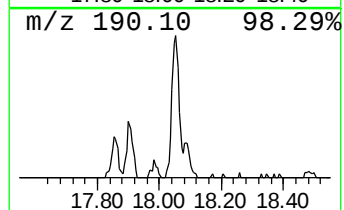
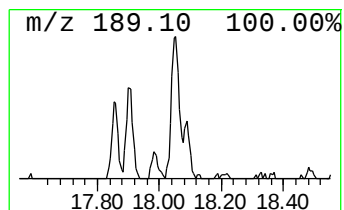
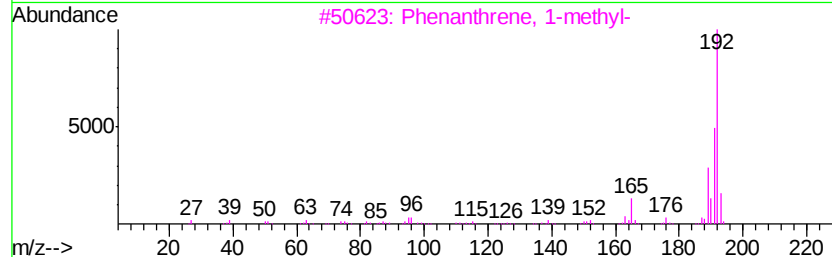
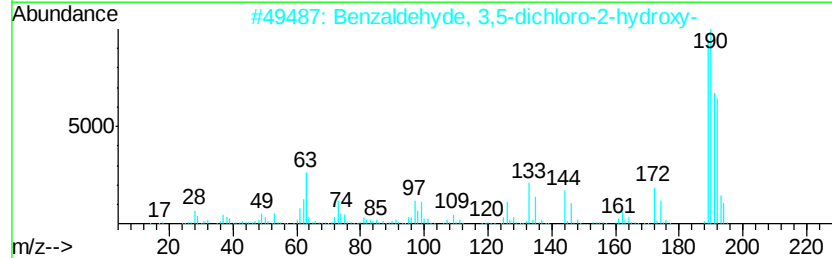
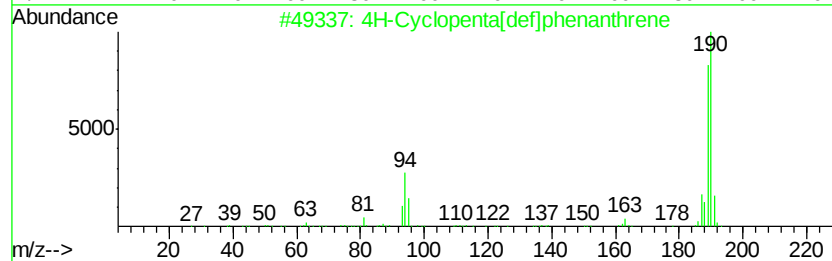
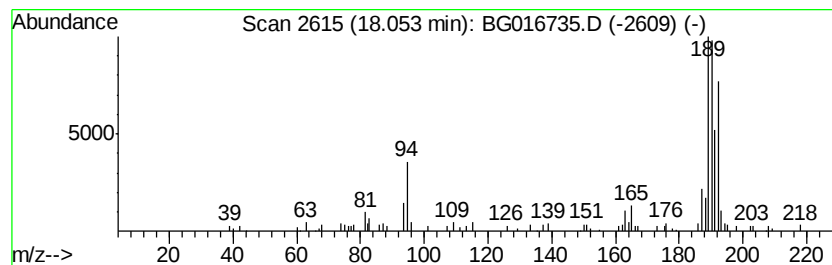
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.13 ng	84562	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016735.D
Acq On : 27 Apr 2015 14:19
Operator : TP/IZ
Sample : G1950-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PS-21(2-5)

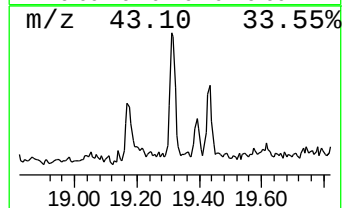
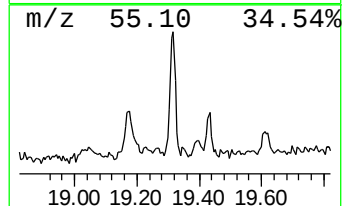
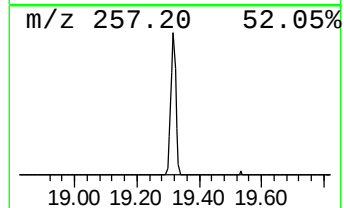
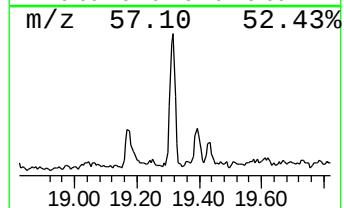
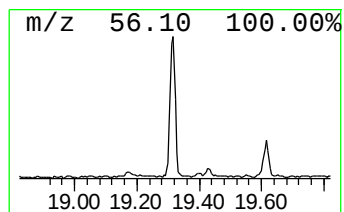
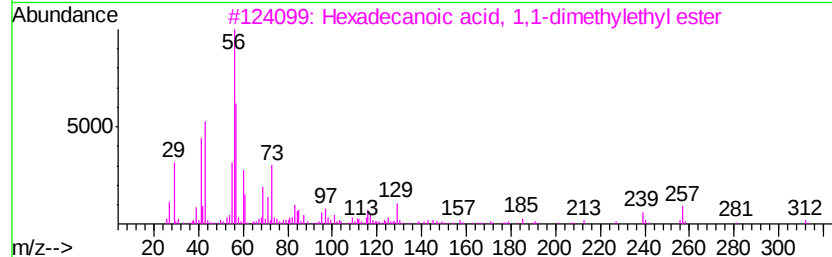
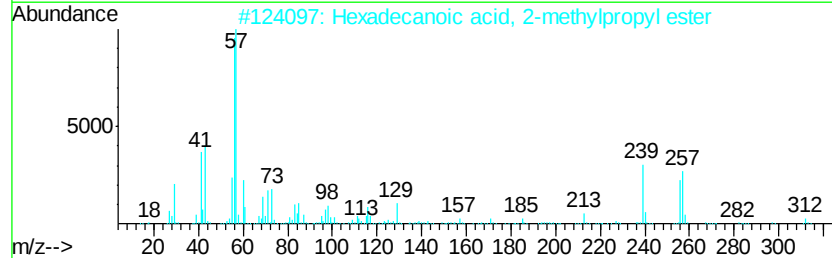
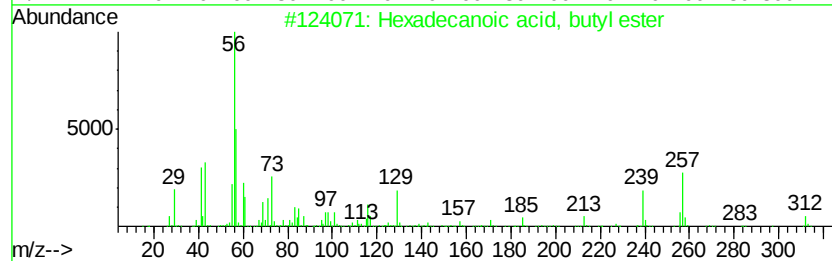
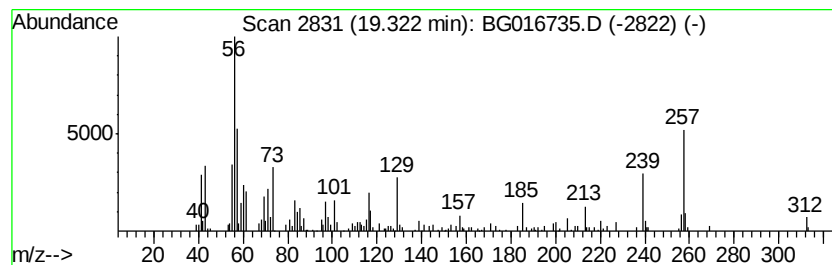
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.60 ng	175806	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	81
3		Hexadecanoic acid, 1,1-dimethylethyl ester	312	C20H40O2	031158-91-5	58
4		Nipecotic acid	129	C6H11NO2	000498-95-3	32
5		2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016735.D
Acq On : 27 Apr 2015 14:19
Operator : TP/IZ
Sample : G1950-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PS-21(2-5)

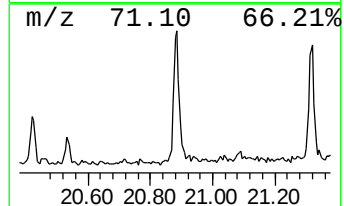
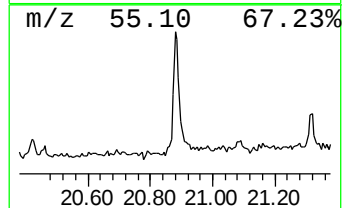
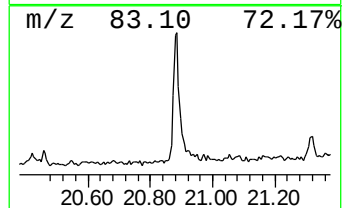
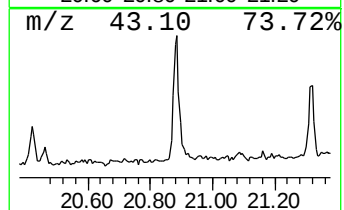
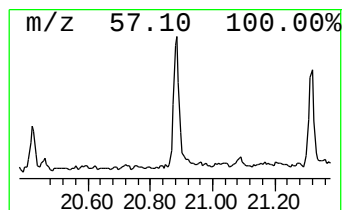
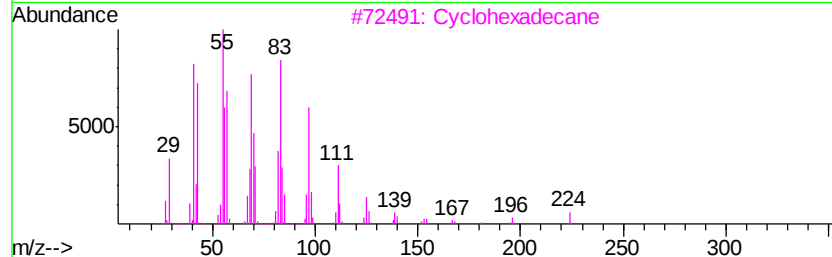
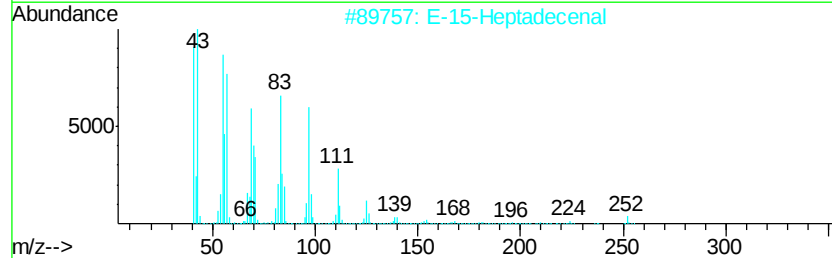
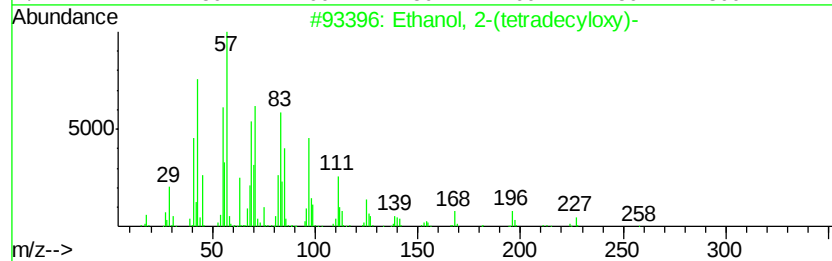
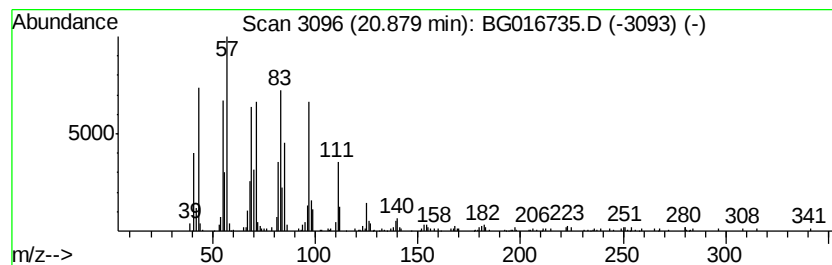
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.38 ng	296246	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
3		Cyclohexadecane	224	C16H32	000295-65-8	91
4		1-Octadecene	252	C18H36	000112-88-9	83
5		Trihexadecyl borate	735	C48H99BO3	002665-11-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016735.D
Acq On : 27 Apr 2015 14:19
Operator : TP/IZ
Sample : G1950-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PS-21(2-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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...	2.73	7.0	ng	116131	1	7.58	333047	20.0
unknown4.69	4.69	10.9	ng	182046	1	7.58	333047	20.0
unknown7.12	7.12	83.0	ng	1381720	1	7.58	333047	20.0
n-Hexadecanoic acid	17.89	5.8	ng	227877	4	16.98	793137	20.0
4H-Cyclopenta[def...	18.05	2.1	ng	84562	4	16.98	793137	20.0
Hexadecanoic acid...	19.32	2.6	ng	175806	5	21.17	1353130	20.0
Ethanol, 2-(tetra...	20.88	4.4	ng	296246	5	21.17	1353130	20.0