

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085876.D
 Acq On : 30 Mar 2016 4:00
 Operator : UM/SJ
 Sample : H1970-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-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_F\METHODS\8270-BF032416.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	4.984	234	236	245	rVB	50853	73430	3.36%	0.346%
2	5.201	254	255	263	rBV	47427	80611	3.69%	0.380%
3	5.407	271	273	287	rBV	1637922	2186260	100.00%	10.298%
4	6.447	362	364	373	rBV	1530531	2158322	98.72%	10.166%
5	6.573	373	375	378	rVV	1758389	2168080	99.17%	10.212%
6	6.801	393	395	398	rBV	677745	654931	29.96%	3.085%
7	6.962	407	409	411	rBV	1979017	1734920	79.36%	8.172%
8	7.373	442	445	447	rBV	1520091	1408708	64.43%	6.635%
9	7.487	451	455	461	rVB	28588	52785	2.41%	0.249%
10	7.842	484	486	489	rBV2	16881	28734	1.31%	0.135%
11	8.093	505	508	510	rBV	1018660	886448	40.55%	4.175%
12	8.356	529	531	532	rBV	31932	22916	1.05%	0.108%
13	9.053	587	592	594	rVB2	20850	31216	1.43%	0.147%
14	9.167	600	602	605	rBV	2191843	1937577	88.63%	9.127%
15	9.567	635	637	639	rBV	440543	390595	17.87%	1.840%
16	9.785	653	656	657	rBV	50662	56160	2.57%	0.265%
17	9.842	659	661	664	rVV	736917	806498	36.89%	3.799%
18	10.013	673	676	677	rBV	19404	23613	1.08%	0.111%
19	10.059	677	680	682	rVB4	13908	26403	1.21%	0.124%
20	10.276	698	699	703	rVB	86106	79479	3.64%	0.374%
21	10.505	715	719	722	rBV2	32858	56710	2.59%	0.267%
22	10.630	728	730	733	rBV2	839900	1116846	51.08%	5.261%
23	10.756	739	741	745	rBV	68475	110520	5.06%	0.521%
24	10.939	755	757	761	rBV4	11533	28415	1.30%	0.134%
25	11.202	777	780	781	rBV	37275	43496	1.99%	0.205%
26	11.293	786	788	789	rBV	13859	23147	1.06%	0.109%
27	11.328	789	791	795	rVV2	807435	833811	38.14%	3.927%
28	11.408	795	798	800	rVB2	21991	34173	1.56%	0.161%
29	11.568	809	812	814	rBV2	15942	29502	1.35%	0.139%
30	11.625	815	817	818	rBV	26704	24951	1.14%	0.118%
31	11.796	829	832	833	rBV2	23295	43732	2.00%	0.206%
32	11.865	836	838	843	rVV2	360197	442055	20.22%	2.082%
33	12.253	869	872	873	rBV	30094	59140	2.71%	0.279%
34	12.539	895	897	899	rBV	128056	129981	5.95%	0.612%

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Start Thrs: 0.2 Max Peaks: 100
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35	12.642	904	906	910	rBV3	128695	262387	12.00%	1.236%
36	12.768	915	917	919	rVV	99860	93132	4.26%	0.439%
37	12.916	927	930	932	rBV	1337623	1343060	61.43%	6.326%
38	13.625	990	992	994	rVB2	118871	121453	5.56%	0.572%
39	13.819	1007	1009	1012	rVB	110462	141781	6.49%	0.668%
40	13.968	1019	1022	1026	rBV	668582	821437	37.57%	3.869%
41	15.385	1144	1146	1154	rVB	373697	662662	30.31%	3.121%

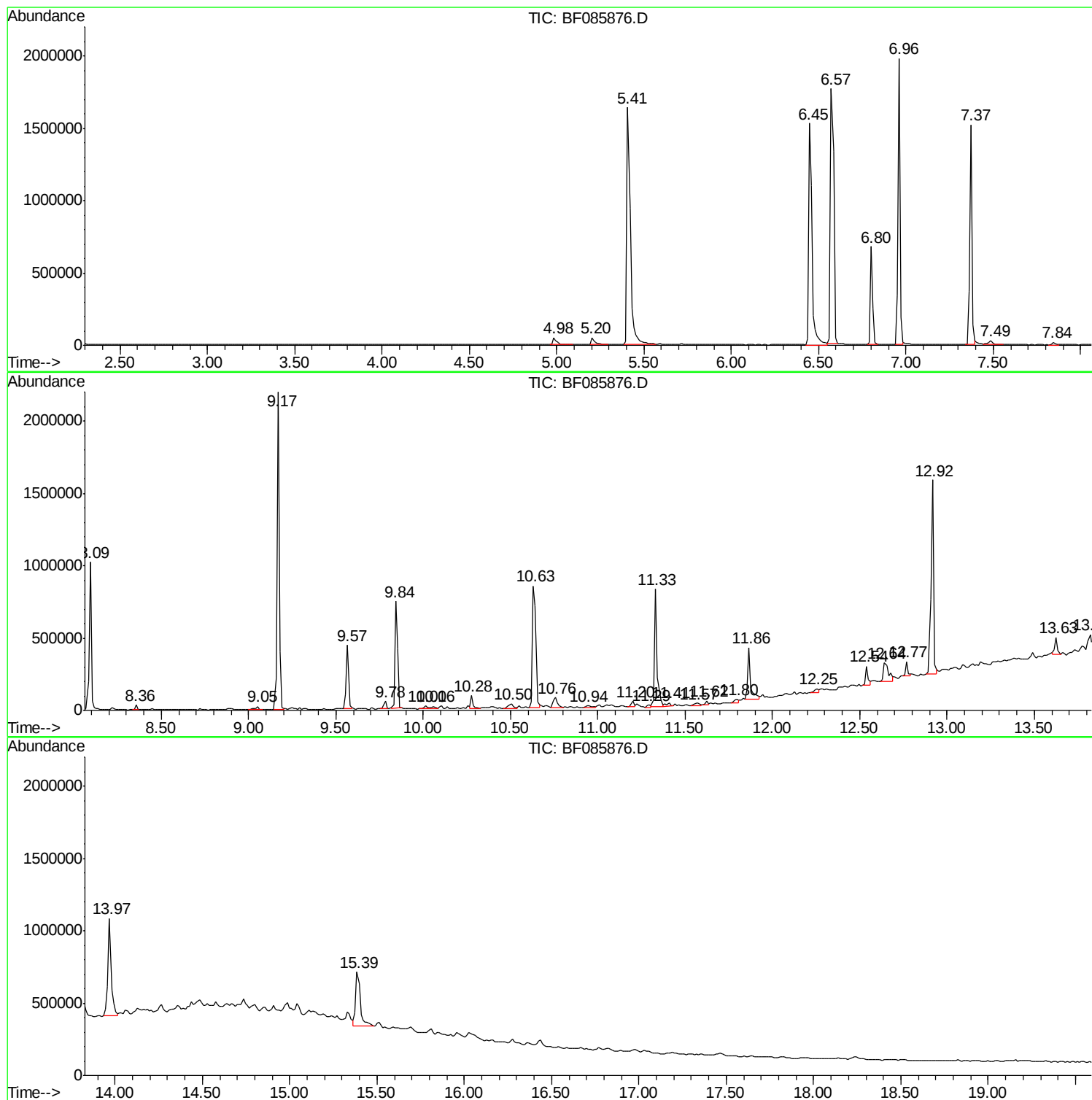
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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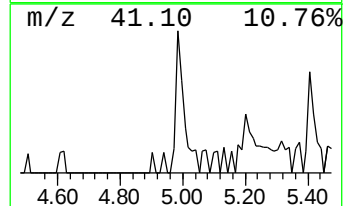
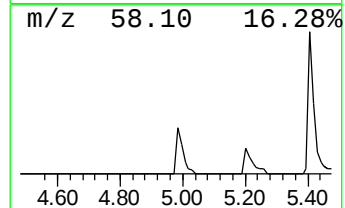
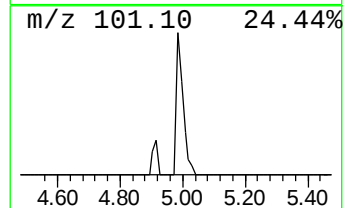
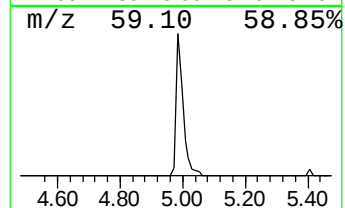
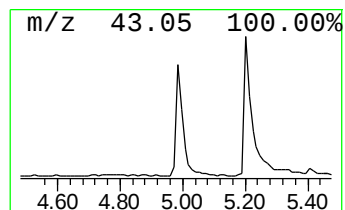
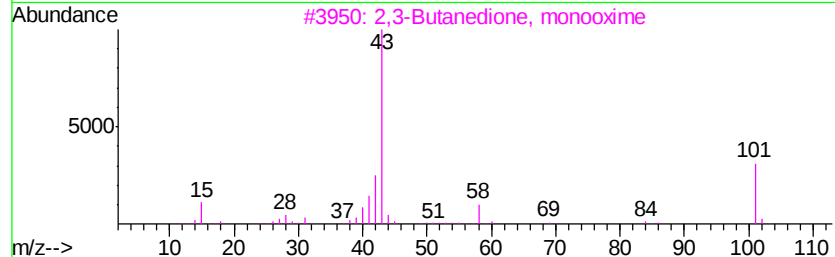
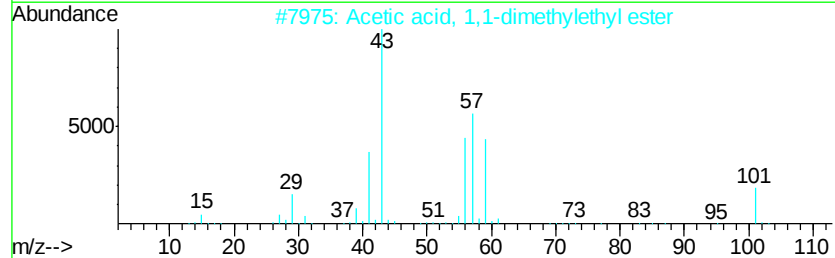
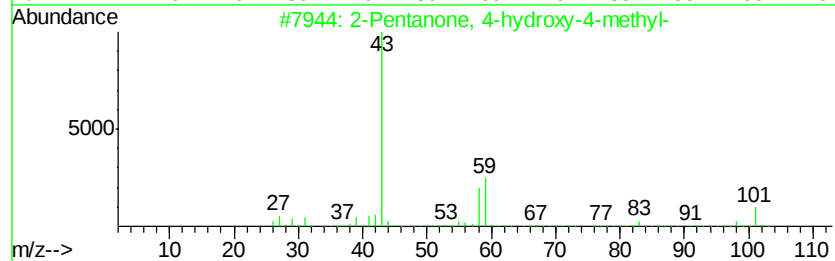
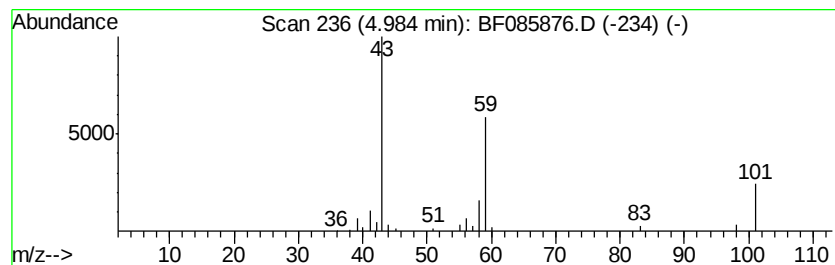
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.24 ng	73430	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Propylamine	59	C3H9N	000107-10-8	9



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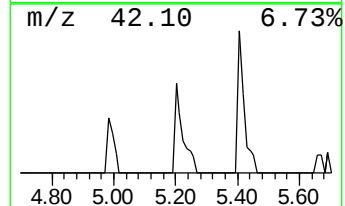
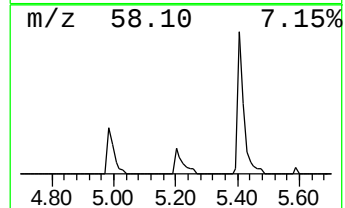
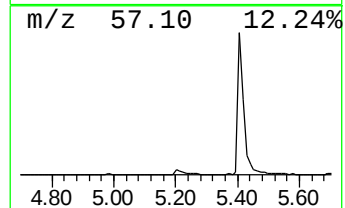
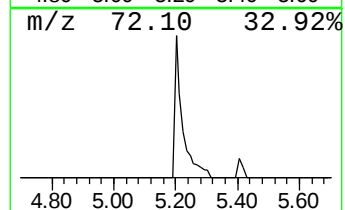
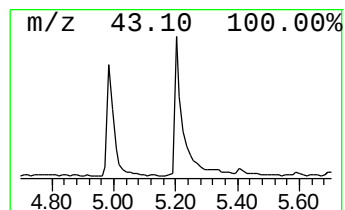
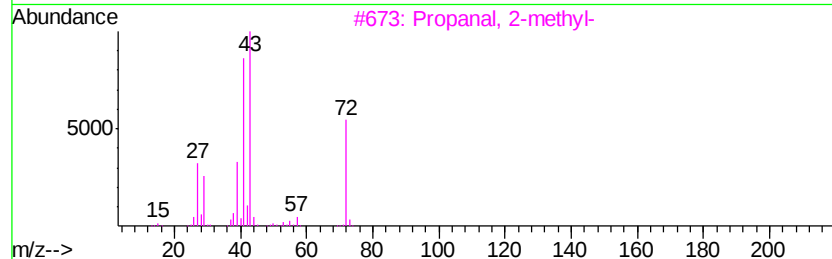
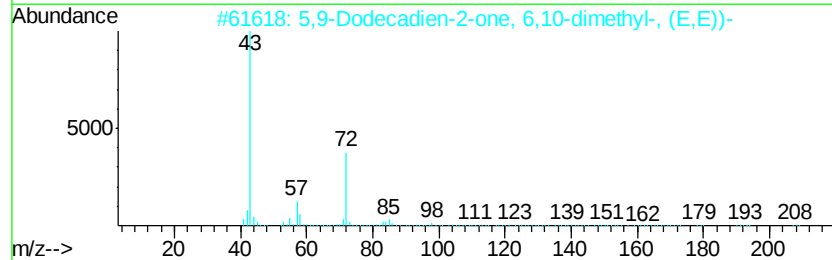
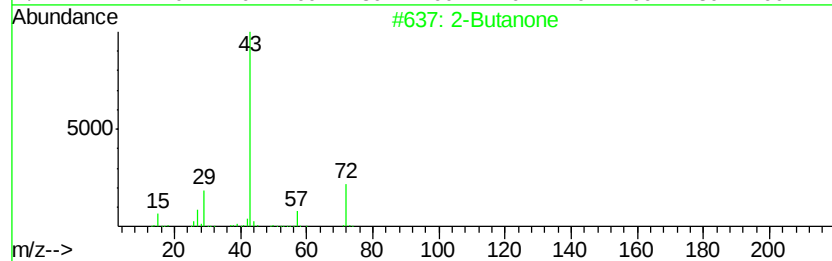
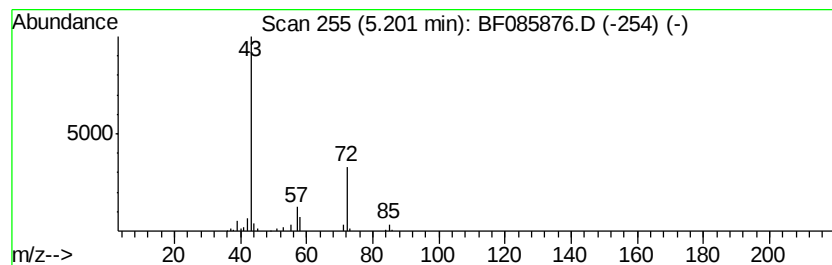
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Peak Number 2 2-Butanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.46 ng	80611	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone	72	C4H8O	000078-93-3	64
2		5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	64
3		Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
4		2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	50
5		2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	45



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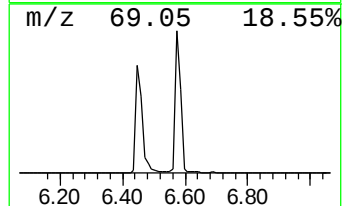
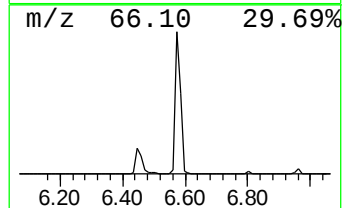
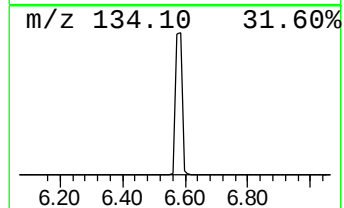
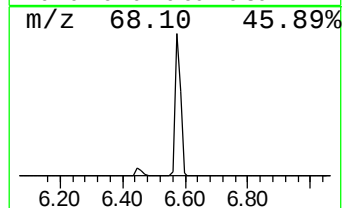
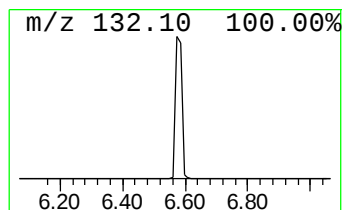
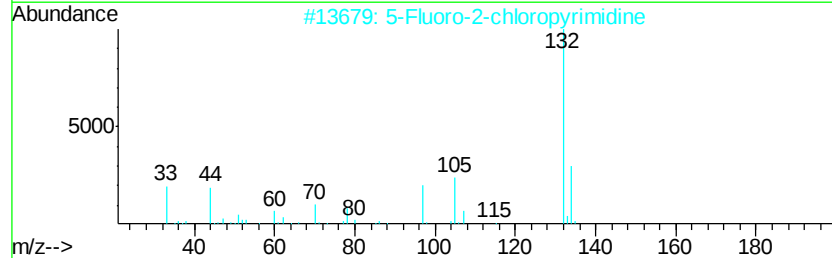
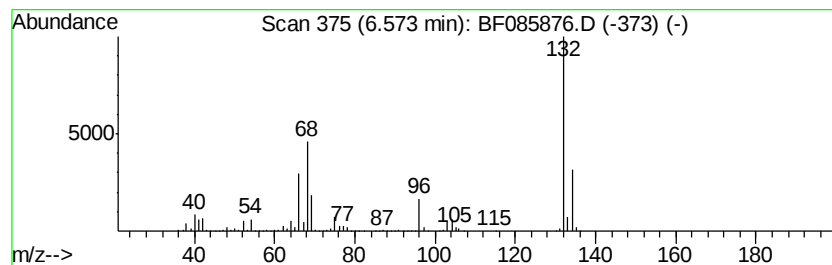
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	66.21 ng	2168080	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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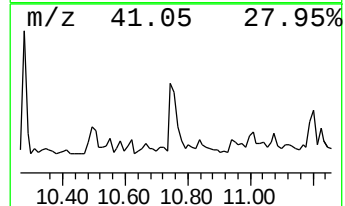
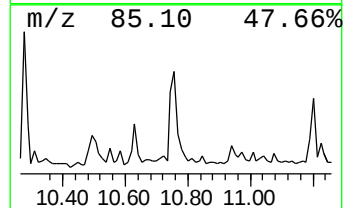
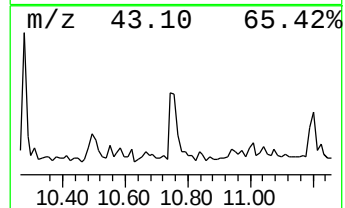
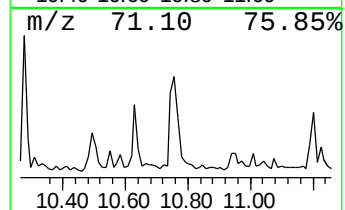
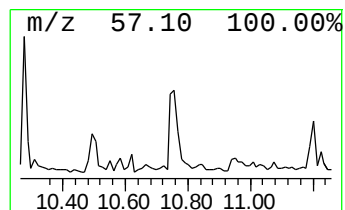
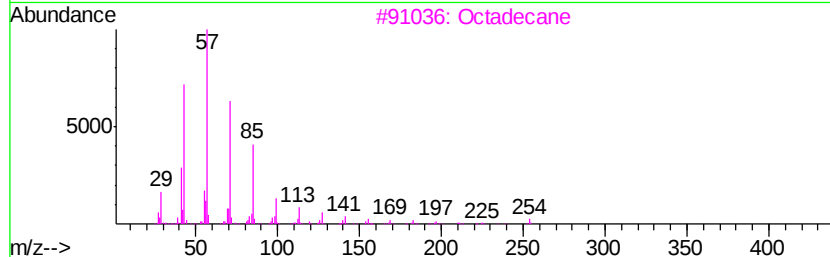
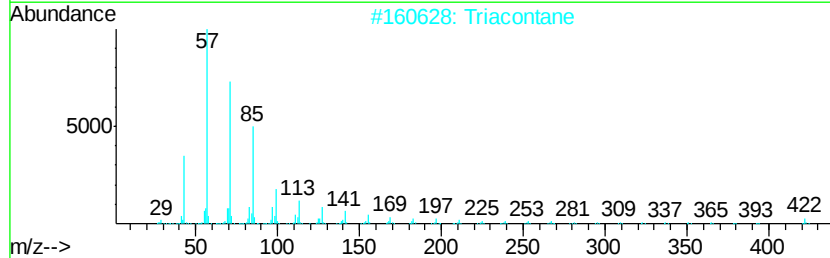
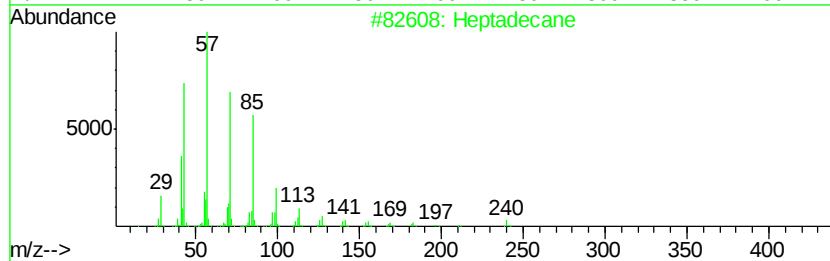
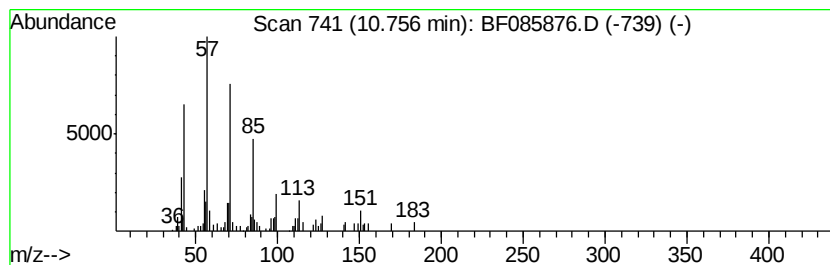
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.65 ng	110520	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	87
2	Triacontane		422	C30H62	000638-68-6	86
3	Octadecane		254	C18H38	000593-45-3	86
4	Heneicosane		296	C21H44	000629-94-7	83
5	Nonacosane		408	C29H60	000630-03-5	80



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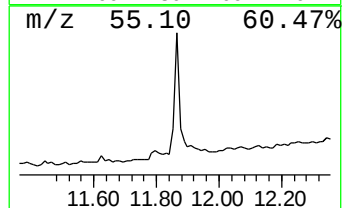
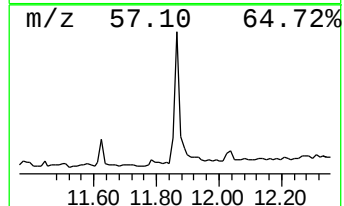
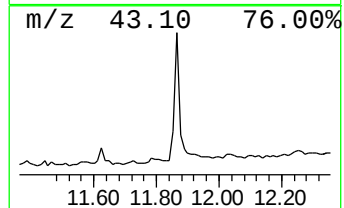
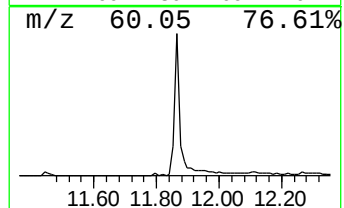
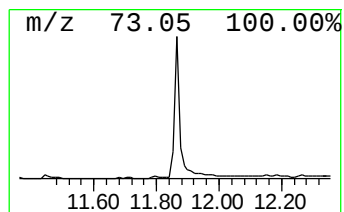
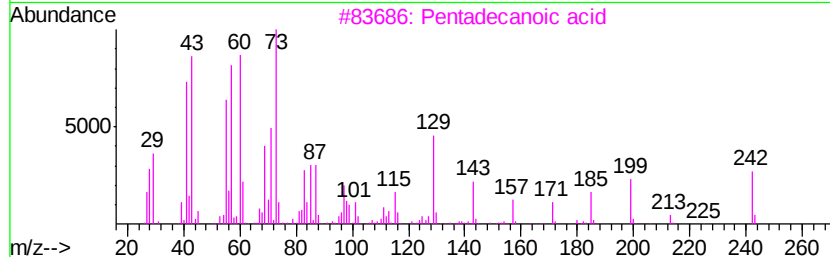
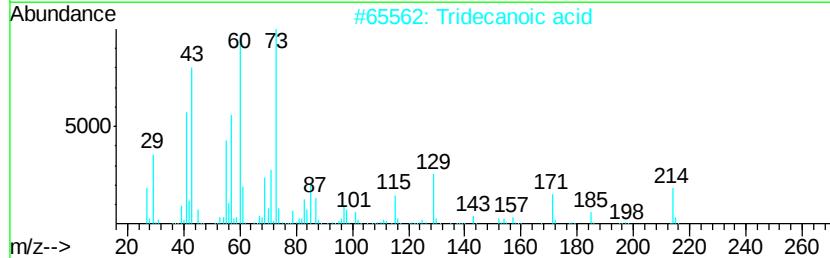
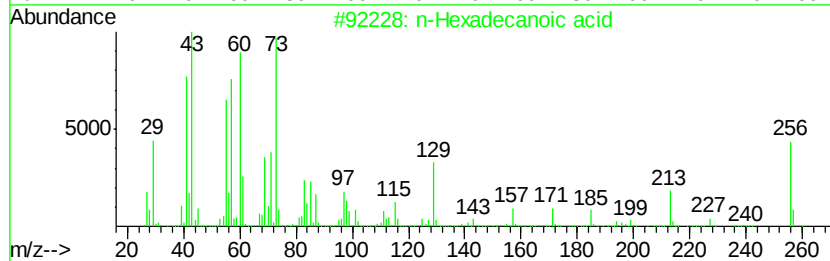
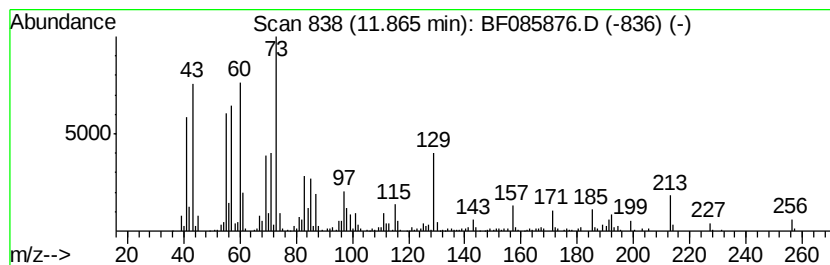
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.60 ng	442055	Phenanthrene-d10	11.33

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	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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ClientSampleId :
TP-4

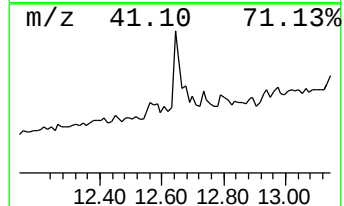
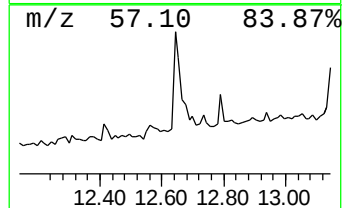
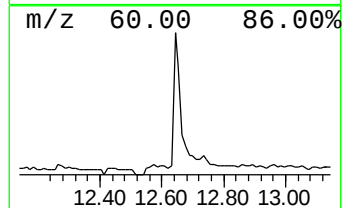
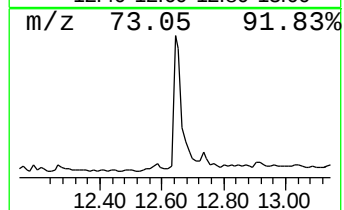
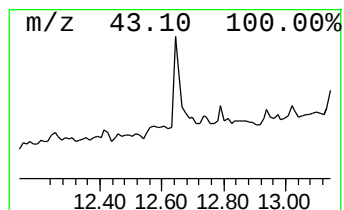
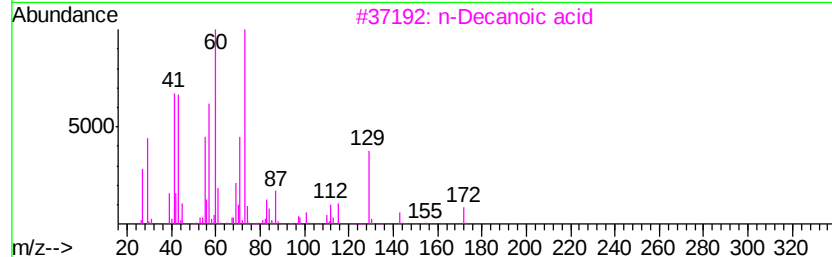
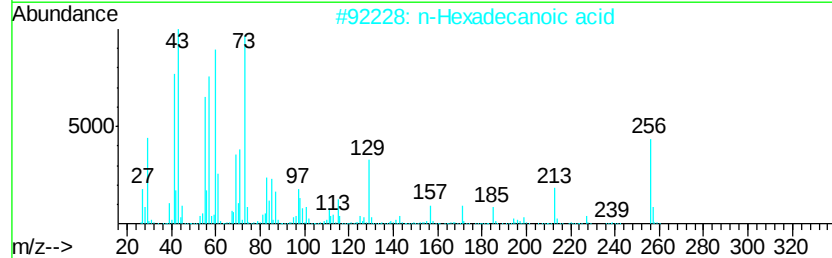
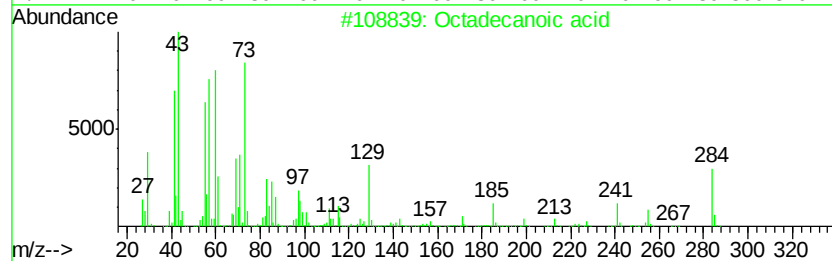
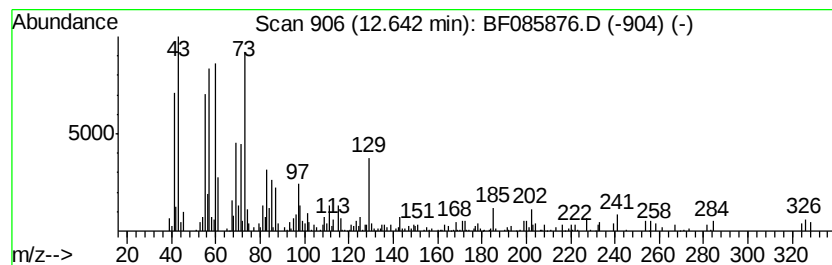
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	6.29 ng	262387	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085876.D
Acq On : 30 Mar 2016 4:00
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

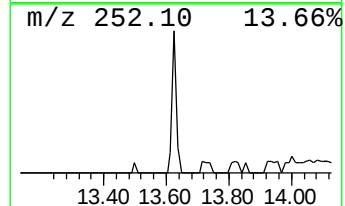
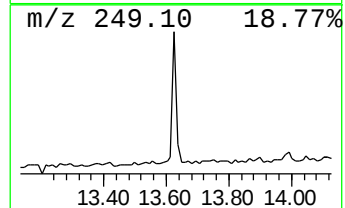
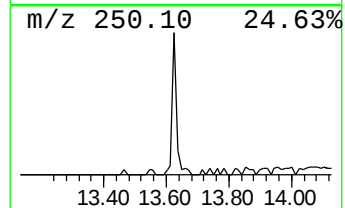
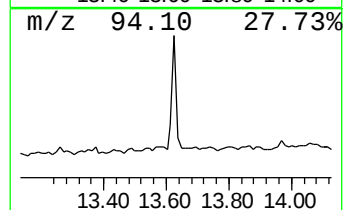
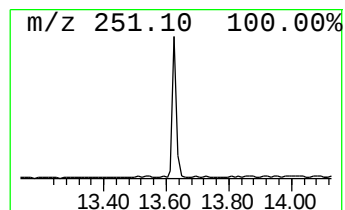
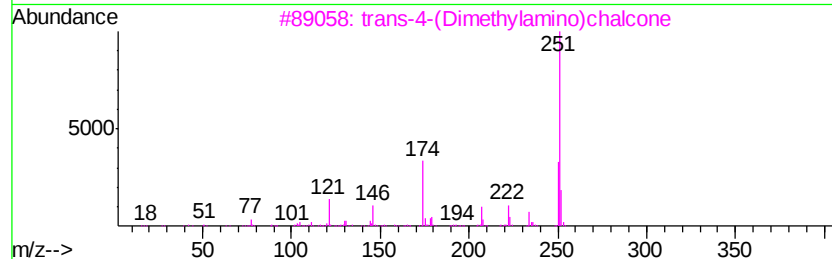
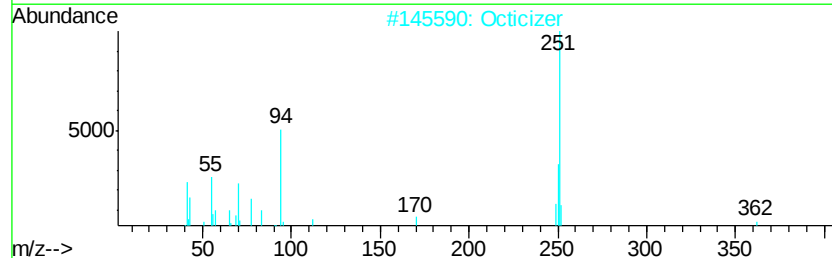
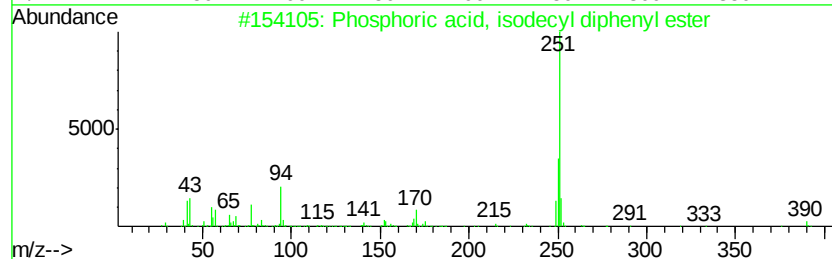
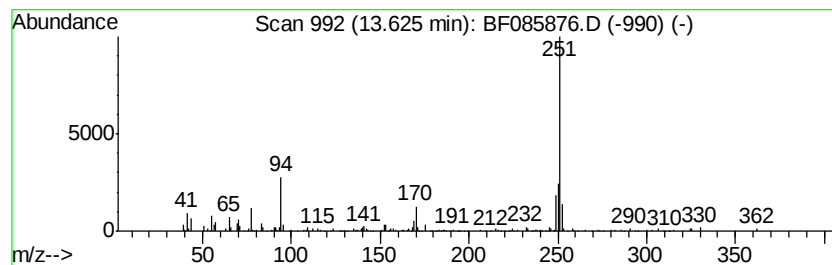
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phosphoric acid, isodecyl d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.96 ng	121453	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	83
2		Octicizer	362	C20H27O4P	001241-94-7	45
3		trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	40
4		Benz[b]acridine, 1,2,3,4,7,8,9,1...	251	C18H21N	055044-74-1	38
5		Benz[c]acridine, 1,2,3,4,8,9,10,...	251	C18H21N	055044-73-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
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Acq On : 30 Mar 2016 4:00
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

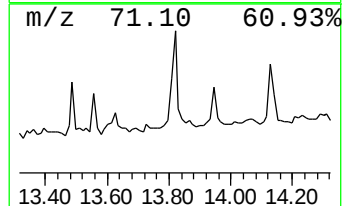
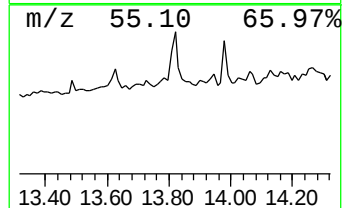
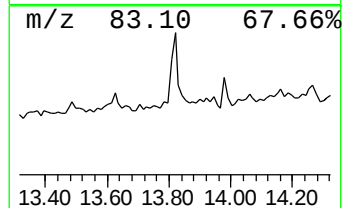
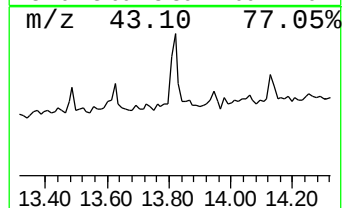
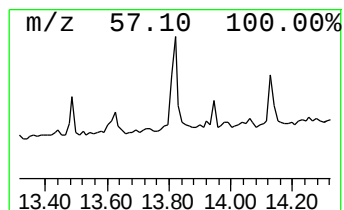
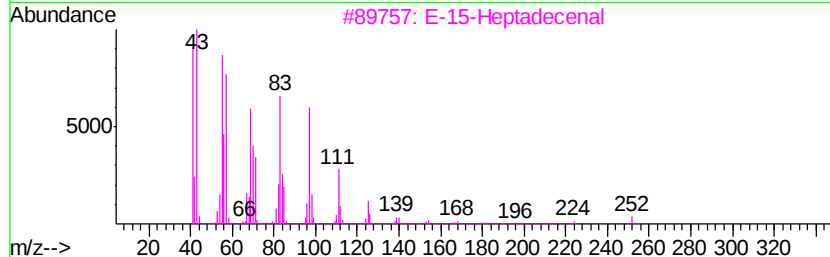
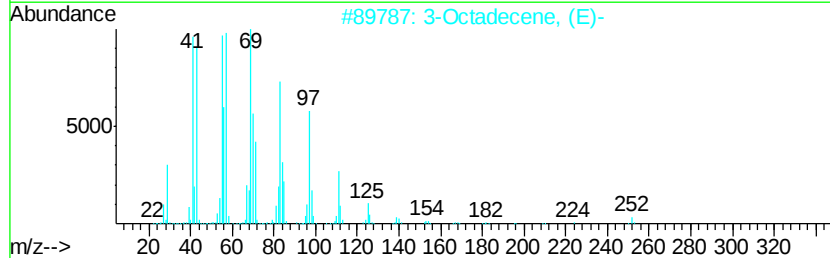
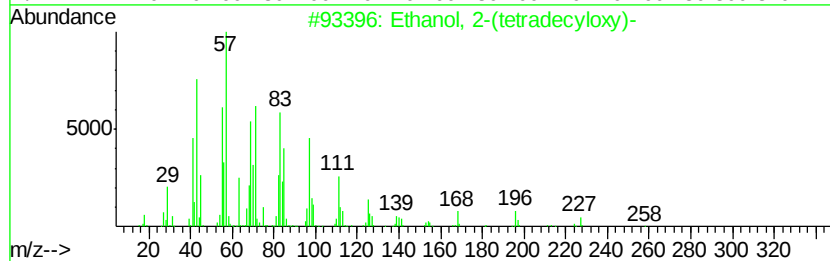
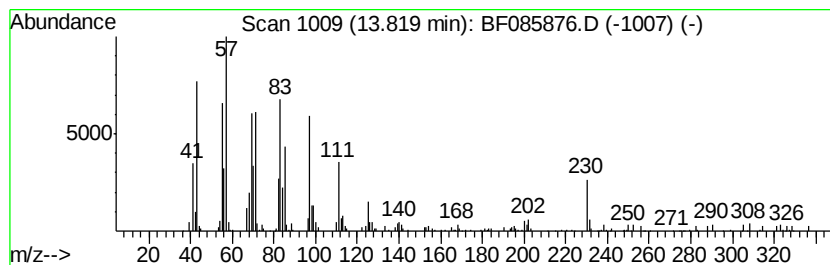
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.45 ng	141781	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2		3-Octadecene, (E)-	252	C18H36	007206-19-1	80
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	78
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	78
5		1-Docosene	308	C22H44	001599-67-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
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Acq On : 30 Mar 2016 4:00
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
2-Pentanone, 4-hy...	4.98	2.2	ng	73430	1	6.80	654931	20.0
2-Butanone	5.20	2.5	ng	80611	1	6.80	654931	20.0
unknown6.57	6.57	66.2	ng	2168080	1	6.80	654931	20.0
Heptadecane	10.76	2.6	ng	110520	4	11.33	833811	20.0
n-Hexadecanoic acid	11.86	10.6	ng	442055	4	11.33	833811	20.0
Octadecanoic acid	12.64	6.3	ng	262387	4	11.33	833811	20.0
Phosphoric acid, ...	13.63	3.0	ng	121453	5	13.97	821437	20.0
Ethanol, 2-(tetra...	13.82	3.5	ng	141781	5	13.97	821437	20.0