

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086264.D
 Acq On : 16 Apr 2016 14:25
 Operator : UM/SJ
 Sample : H2471-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMH9

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-BF041516.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	2.167	4	7	31	rVB2	212382	602485	10.31%	1.075%
2	5.081	260	262	269	rVB	260323	337650	5.78%	0.603%
3	5.493	295	298	300	rBV	4610812	5655674	96.83%	10.096%
4	6.521	384	388	390	rBV	4370446	5841017	100.00%	10.426%
5	6.659	397	400	402	rBV	5390612	5408764	92.60%	9.655%
6	6.887	418	420	423	rBV	1616466	1734889	29.70%	3.097%
7	7.047	431	434	437	rBV	4352748	3881806	66.46%	6.929%
8	7.459	467	470	472	rBV	3166165	3910282	66.95%	6.980%
9	7.539	474	477	479	rVB	108041	119115	2.04%	0.213%
10	8.179	530	533	535	rBV	2716088	2416147	41.37%	4.313%
11	9.253	624	627	630	rBV	5031914	4795933	82.11%	8.561%
12	9.642	659	661	664	rBV	645489	838082	14.35%	1.496%
13	9.870	679	681	683	rBV	186258	154616	2.65%	0.276%
14	9.928	684	686	689	rVB2	2240116	2445251	41.86%	4.365%
15	10.373	721	725	726	rBV	212841	297663	5.10%	0.531%
16	10.590	740	744	747	rBV	100453	175090	3.00%	0.313%
17	10.716	752	755	758	rVV	3136250	3137618	53.72%	5.601%
18	10.842	764	766	771	rVB	314672	346217	5.93%	0.618%
19	11.036	781	783	785	rBV	38898	68150	1.17%	0.122%
20	11.288	803	805	806	rBV	201909	162557	2.78%	0.290%
21	11.413	814	816	818	rBV	2686837	2353580	40.29%	4.201%
22	11.711	841	842	846	rVB	54818	66992	1.15%	0.120%
23	11.939	861	862	865	rBV2	130276	186656	3.20%	0.333%
24	12.614	919	921	923	rBV2	76267	114783	1.97%	0.205%
25	12.819	937	939	940	rBV	61536	65051	1.11%	0.116%
26	13.002	952	955	957	rBV	3781182	4073884	69.75%	7.272%
27	13.848	1021	1029	1031	rBV7	26229	108882	1.86%	0.194%
28	13.894	1031	1033	1044	rVB	177052	288892	4.95%	0.516%
29	14.042	1044	1046	1049	rBV	1563029	1530197	26.20%	2.731%
30	14.362	1068	1074	1078	rBV7	33813	146931	2.52%	0.262%
31	14.534	1086	1089	1095	rBV	63823	102842	1.76%	0.184%
32	14.899	1119	1121	1125	rBV	70504	93432	1.60%	0.167%
33	15.162	1141	1144	1148	rBV	74591	113309	1.94%	0.202%
34	15.482	1169	1172	1175	rBV	1123882	1403783	24.03%	2.506%

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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

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35	15.962	1210	1214	1216	rBV	119927	226419	3.88%	0.404%
36	16.477	1249	1259	1278	rVB4	449788	2705572	46.32%	4.830%
37	17.471	1343	1346	1352	rBV8	44534	111414	1.91%	0.199%

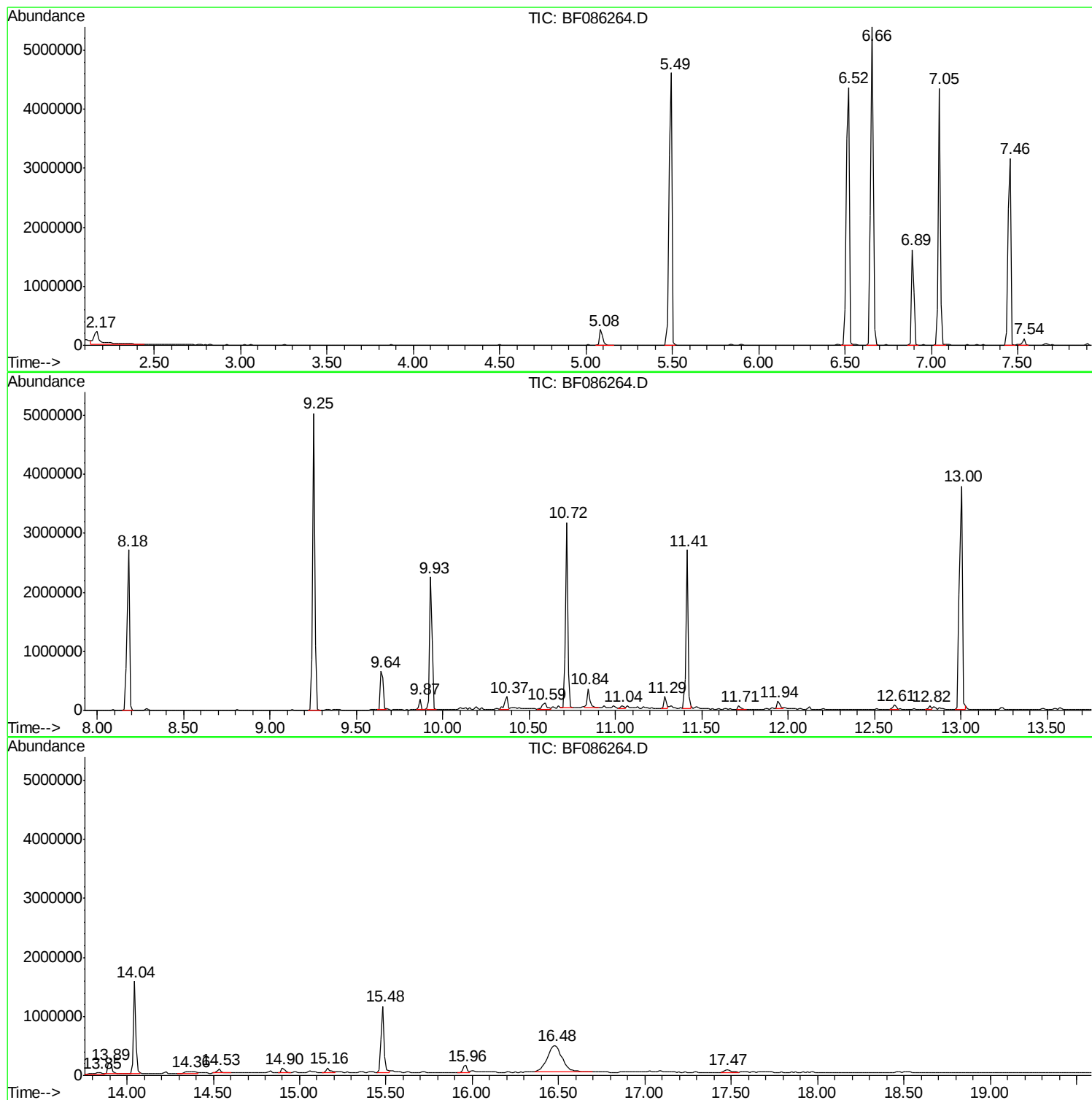
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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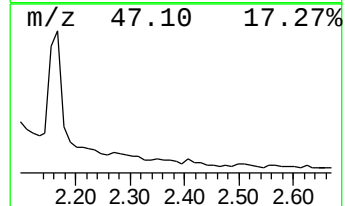
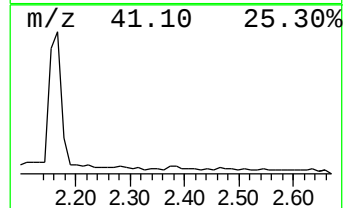
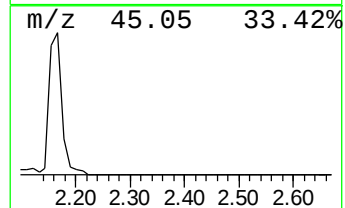
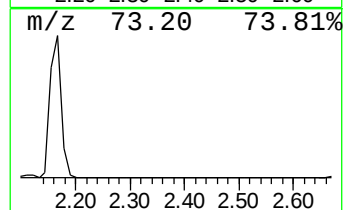
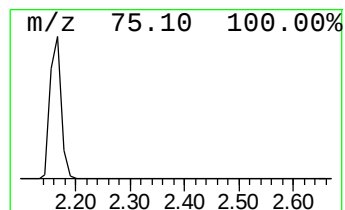
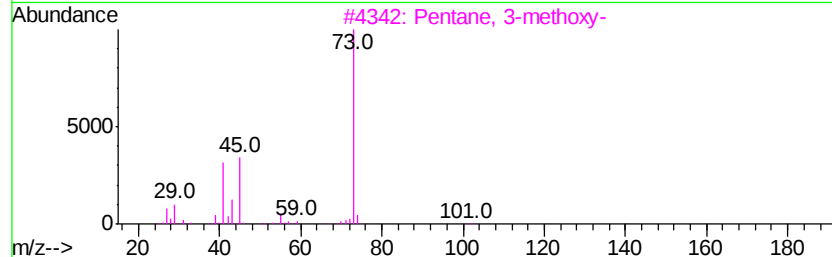
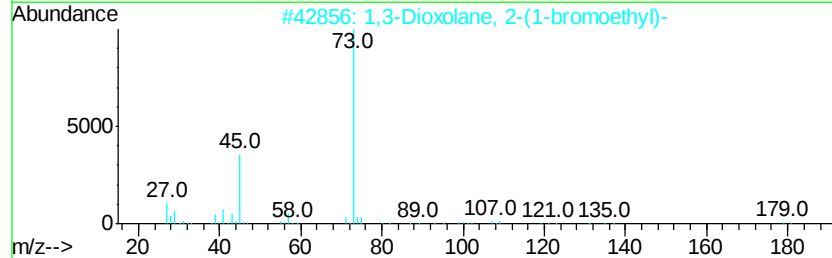
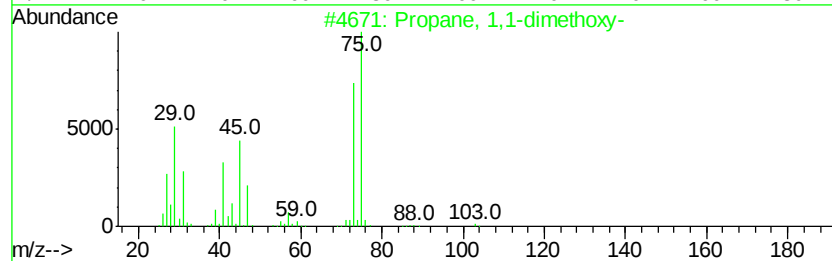
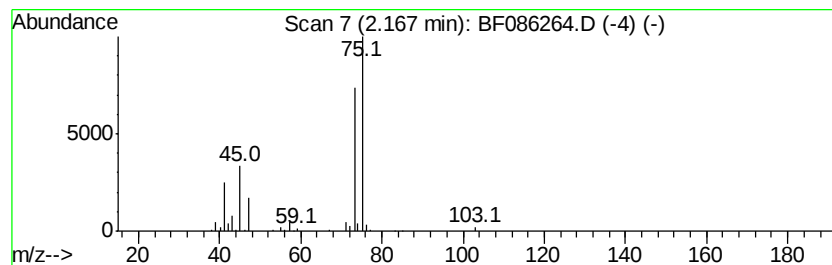
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	6.95 ng	602485	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	22
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	10
5		2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	10



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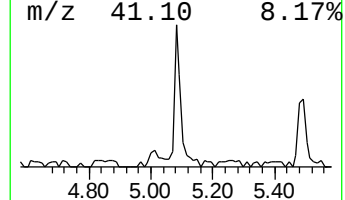
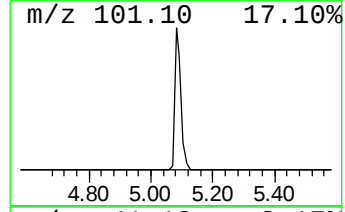
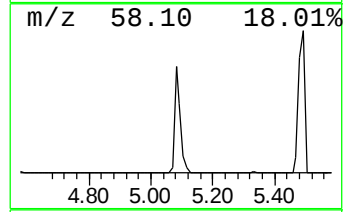
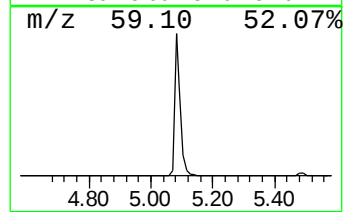
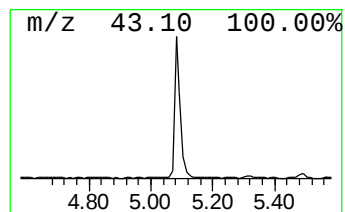
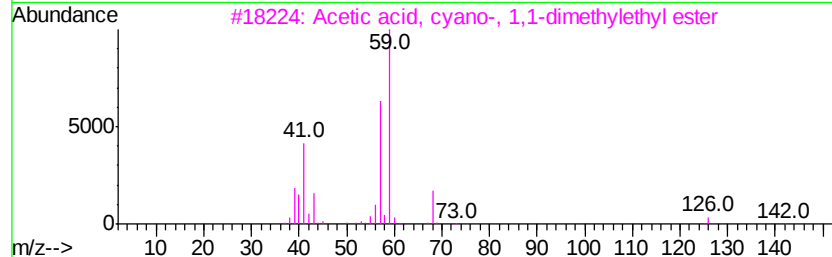
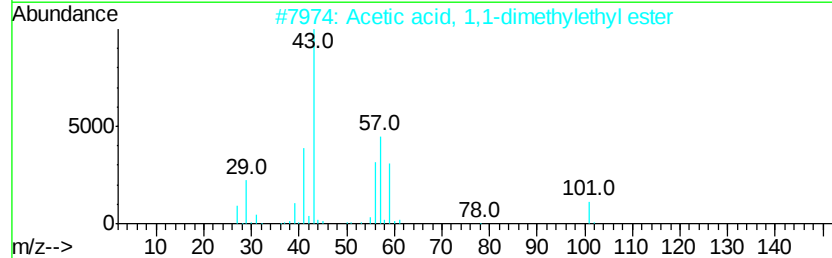
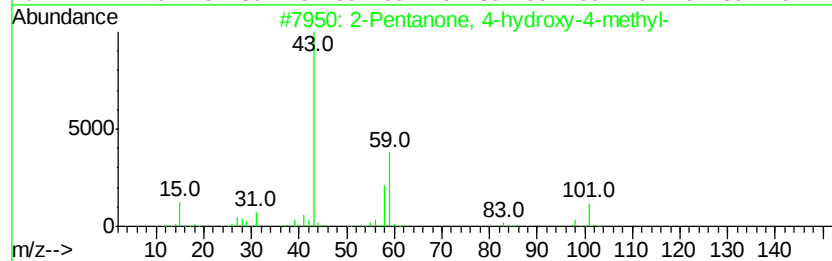
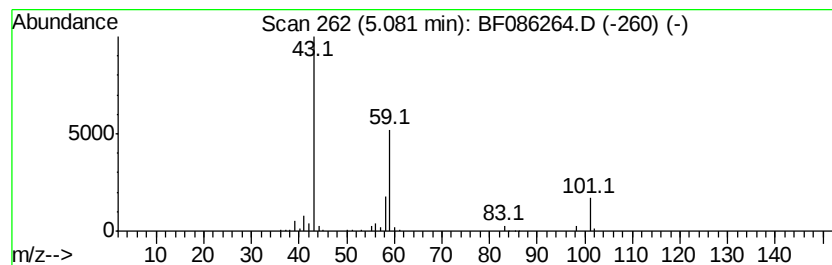
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	3.89 ng	337650	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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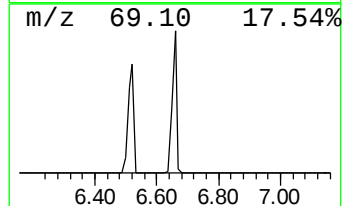
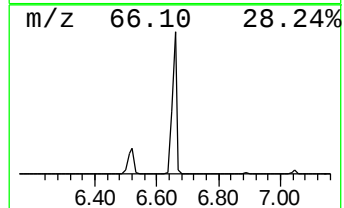
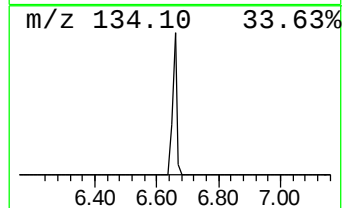
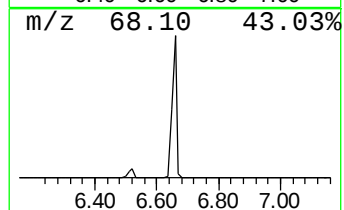
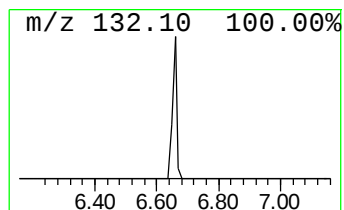
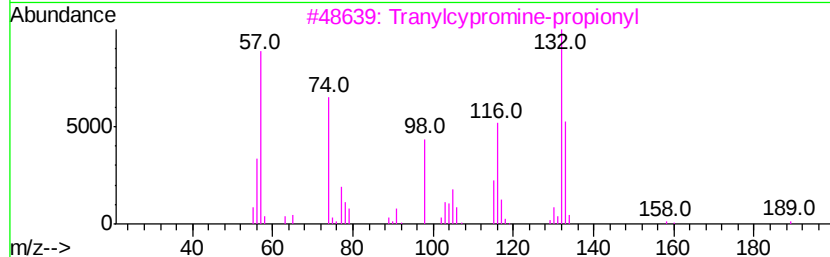
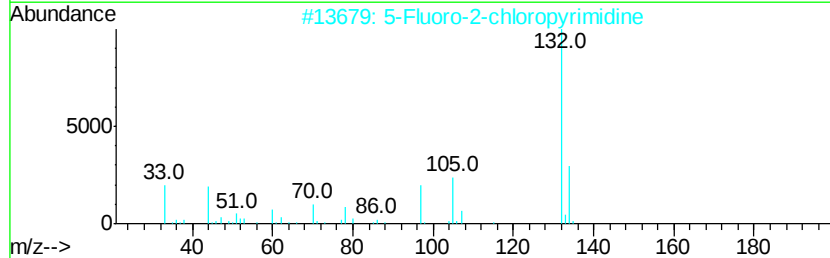
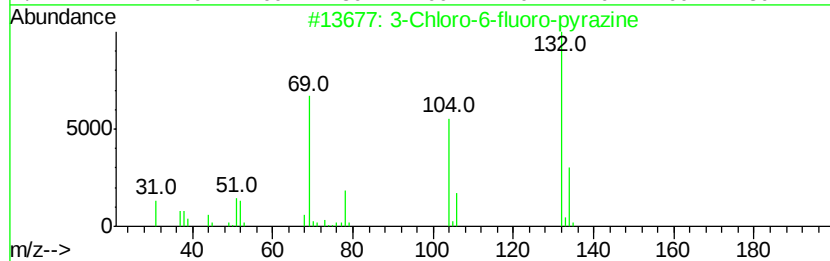
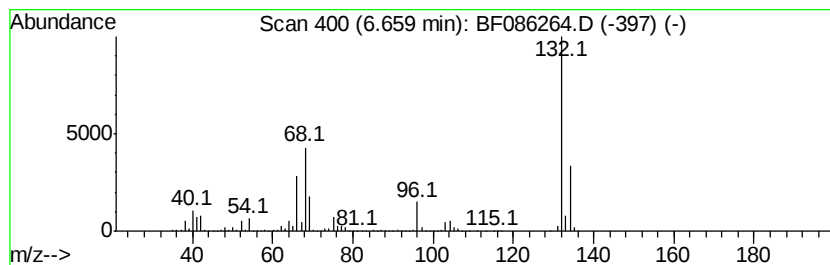
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	62.35 ng	5408760	1,4-Dichlorobenzene-d4	6.89

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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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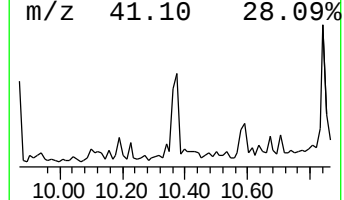
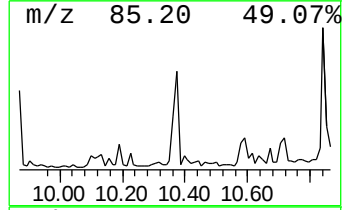
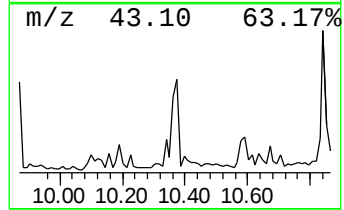
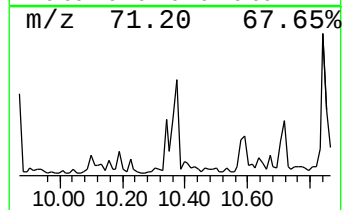
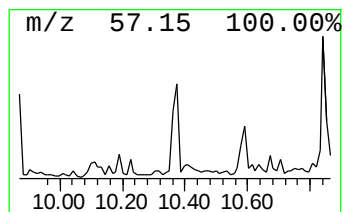
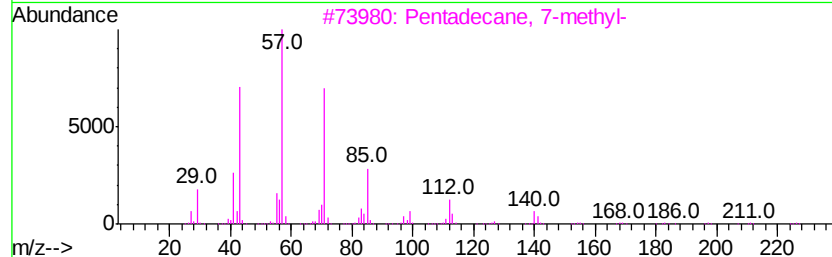
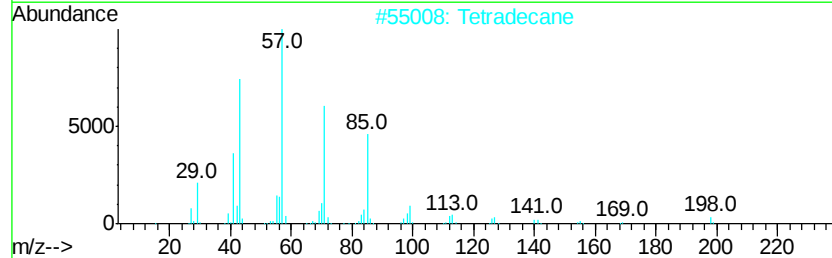
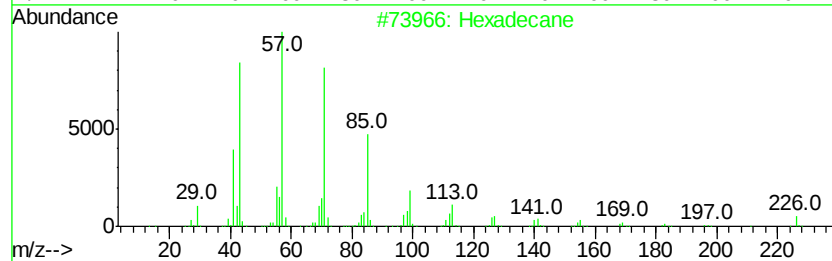
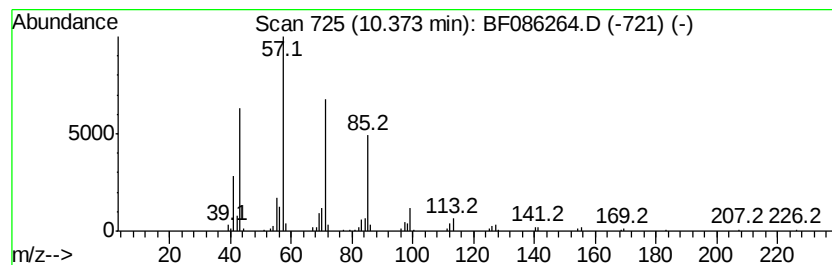
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.43 ng	297663	Acenaphthene-d10	9.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Tetradecane		198	C14H30	000629-59-4	87
3	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	81
4	Eicosane		282	C20H42	000112-95-8	74
5	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	72



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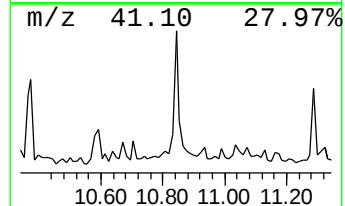
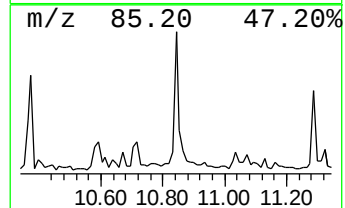
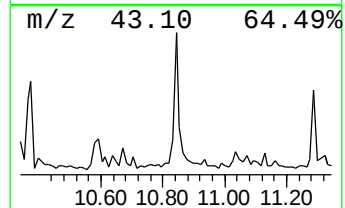
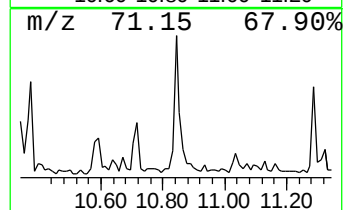
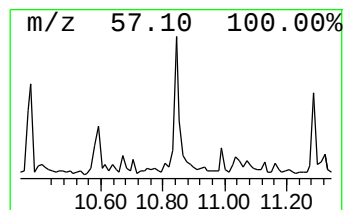
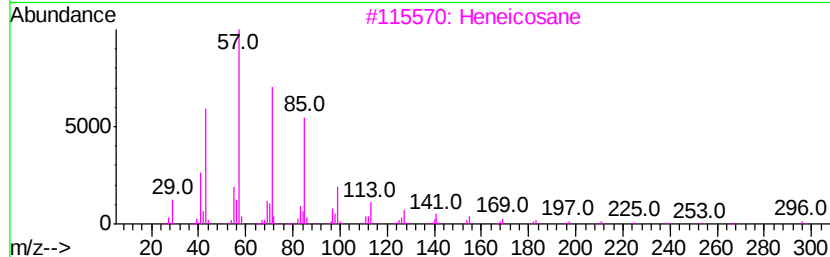
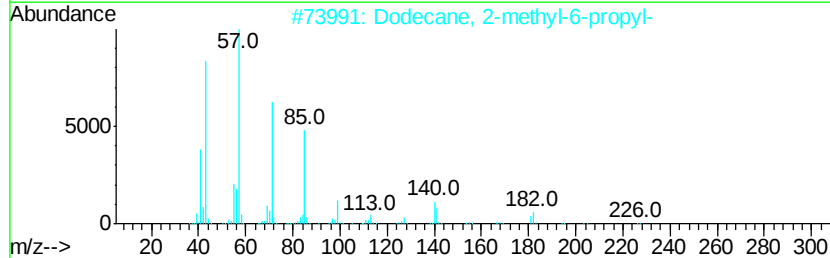
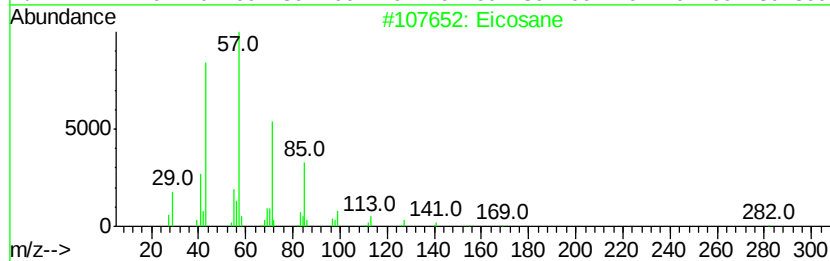
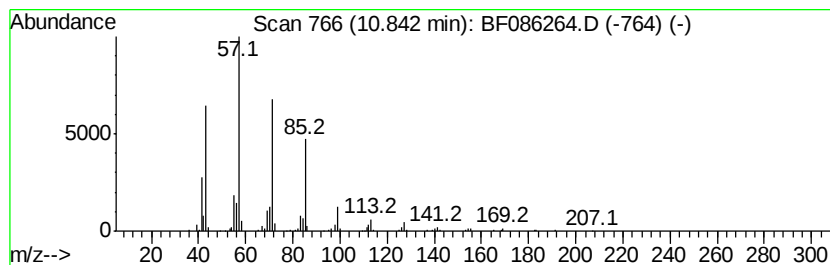
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.94 ng	346217	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Octadecane		254	C18H38	000593-45-3	90



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Data File : BF086264.D
Acq On : 16 Apr 2016 14:25
Operator : UM/SJ
Sample : H2471-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

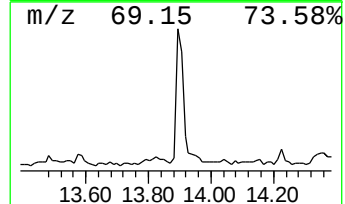
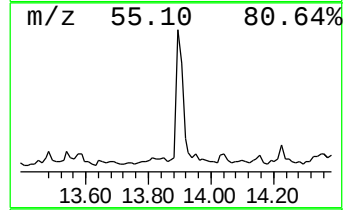
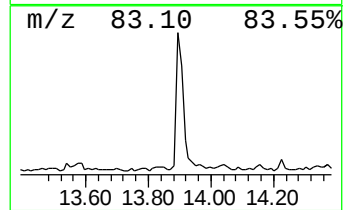
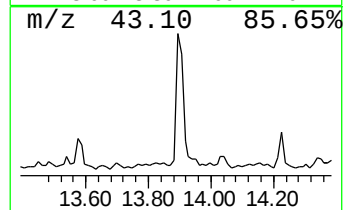
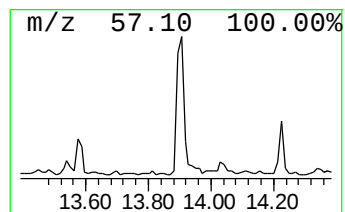
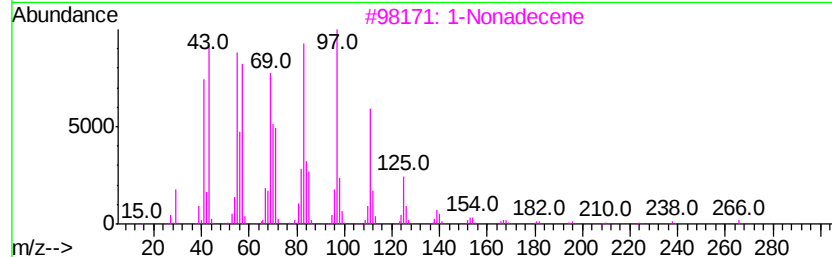
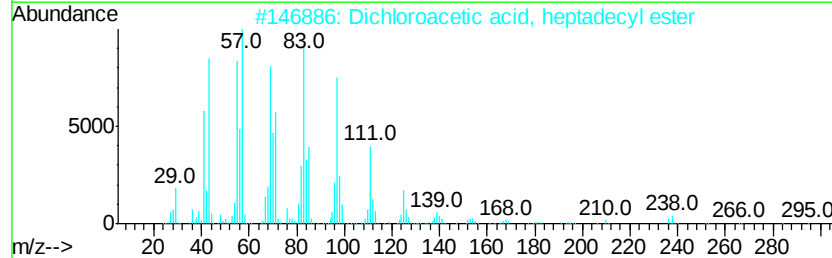
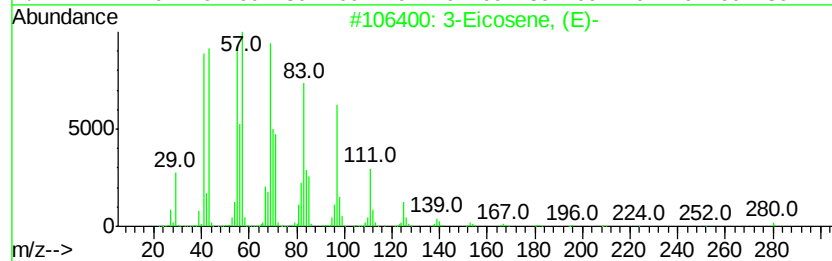
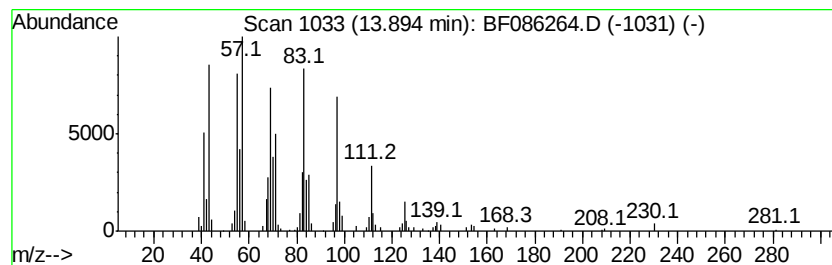
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.89	3.78 ng	288892	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	94
2	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	91
3	1-Nonadecene		266	C19H38	018435-45-5	91
4	1-Tetracosanol		354	C24H50O	000506-51-4	91
5	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	91



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Acq On : 16 Apr 2016 14:25
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Sample : H2471-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH9

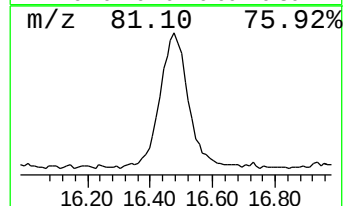
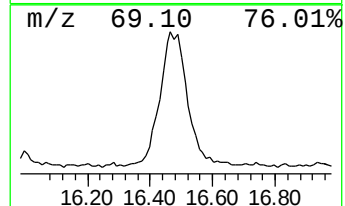
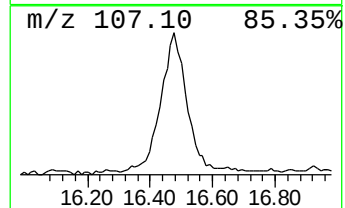
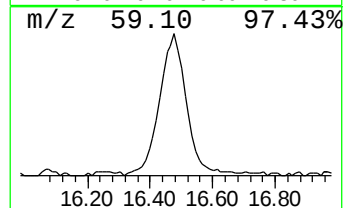
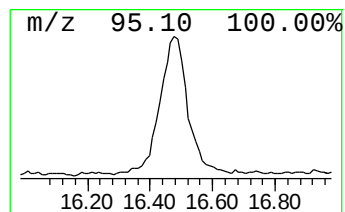
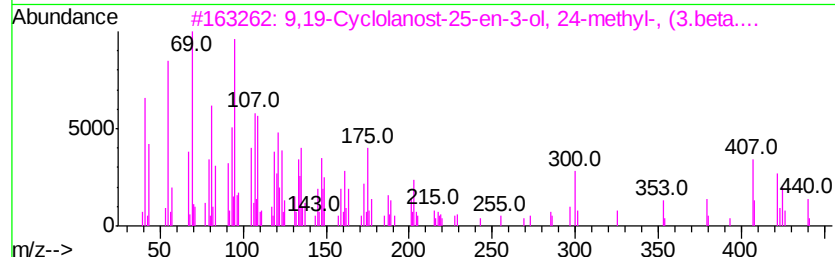
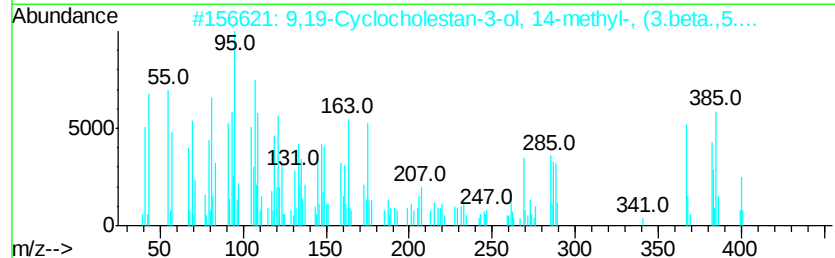
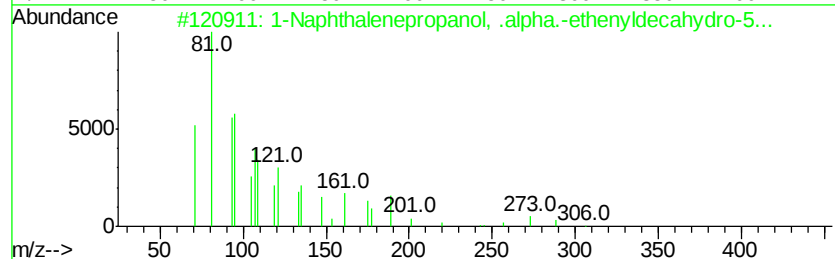
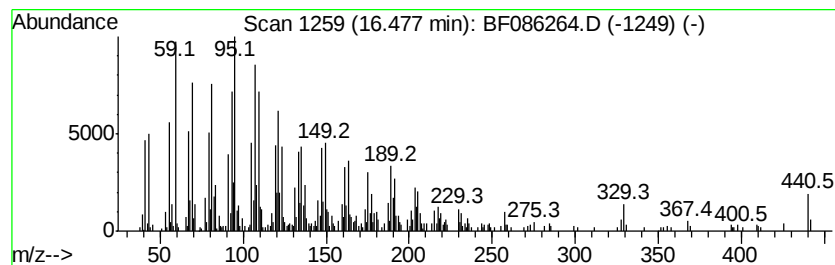
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Naphthalenepropanol, .alp... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	38.55 ng	2705570	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	55
2		9,19-Cyclocholestan-3-ol, 14-met...	400	C28H48O	001912-66-9	55
3		9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	49
4		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	46
5		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	43



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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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, 1,1-dime...	2.17	7.0	ng	602485	1	6.89	1734890	20.0
2-Pentanone, 4-hy...	5.08	3.9	ng	337650	1	6.89	1734890	20.0
unknown6.66	6.66	62.4	ng	5408760	1	6.89	1734890	20.0
Hexadecane	10.37	2.4	ng	297663	3	9.93	2445250	20.0
Eicosane	10.84	2.9	ng	346217	4	11.41	2353580	20.0
3-Eicosene, (E)-	13.89	3.8	ng	288892	5	14.04	1530200	20.0
1-Naphthaleneprop...	16.48	38.5	ng	2705570	6	15.48	1403780	20.0