

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086227.D
 Acq On : 15 Apr 2016 20:16
 Operator : UM/SJ
 Sample : H2402-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02S-4-7-16

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	2.156	4	6	19	rVB	134877	269624	3.41%	0.437%
2	2.407	22	28	31	rVB	361399	532284	6.73%	0.862%
3	4.567	214	217	220	rBV	2475178	3146839	39.79%	5.099%
4	5.070	259	261	265	rBV	225109	262999	3.33%	0.426%
5	5.482	294	297	299	rBV	3858495	3607438	45.61%	5.845%
6	6.510	384	387	389	rBV	2841046	2563488	32.41%	4.154%
7	6.659	397	400	402	rBV	5875762	6194222	78.32%	10.037%
8	6.887	418	420	423	rBV	1436237	1705759	21.57%	2.764%
9	7.047	432	434	436	rVB	4987506	5607380	70.90%	9.086%
10	7.459	466	470	472	rBV	4901290	5496292	69.50%	8.906%
11	8.179	531	533	535	rBV	2722159	2316435	29.29%	3.753%
12	8.808	585	588	592	rBV2	45303	106887	1.35%	0.173%
13	9.036	602	608	611	rBV3	44050	100650	1.27%	0.163%
14	9.128	614	616	618	rBV	71435	117383	1.48%	0.190%
15	9.253	624	627	630	rVB	5454327	7908893	100.00%	12.815%
16	9.642	660	661	663	rBV	79347	112480	1.42%	0.182%
17	9.848	676	679	680	rBV	230586	255207	3.23%	0.414%
18	9.928	684	686	688	rVV	1873773	2359682	29.84%	3.823%
19	10.122	701	703	705	rBV	178935	232283	2.94%	0.376%
20	10.156	705	706	709	rVV2	97730	130289	1.65%	0.211%
21	10.213	709	711	712	rVV	120916	116587	1.47%	0.189%
22	10.328	718	721	723	rBV3	53207	103002	1.30%	0.167%
23	10.373	723	725	726	rVB	93574	86264	1.09%	0.140%
24	10.442	730	731	735	rVB	115241	115969	1.47%	0.188%
25	10.716	752	755	758	rBV2	3471348	4349136	54.99%	7.047%
26	10.842	765	766	768	rBV	127696	125744	1.59%	0.204%
27	10.911	771	772	776	rVB3	59564	80450	1.02%	0.130%
28	10.991	777	779	781	rBV	112098	102474	1.30%	0.166%
29	11.048	781	784	785	rBV2	63444	93765	1.19%	0.152%
30	11.288	803	805	807	rBV	108897	91241	1.15%	0.148%
31	11.414	814	816	819	rVV	2619745	2291219	28.97%	3.713%
32	11.882	854	857	860	rBV3	52406	149124	1.89%	0.242%
33	11.951	860	863	867	rVB2	395348	508501	6.43%	0.824%
34	12.728	929	931	938	rBV2	299327	491775	6.22%	0.797%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	13.002	952	955	958	rBV	4791603	5963437	75.40%	9.663%
36	13.905	1031	1034	1037	rBV2	178550	295467	3.74%	0.479%
37	14.042	1044	1046	1049	rBV2	1470243	1739781	22.00%	2.819%
38	14.111	1049	1052	1056	rVV5	32367	95933	1.21%	0.155%
39	14.682	1097	1102	1108	rBV4	127819	559613	7.08%	0.907%
40	15.483	1169	1172	1175	rBV	1033324	1329829	16.81%	2.155%

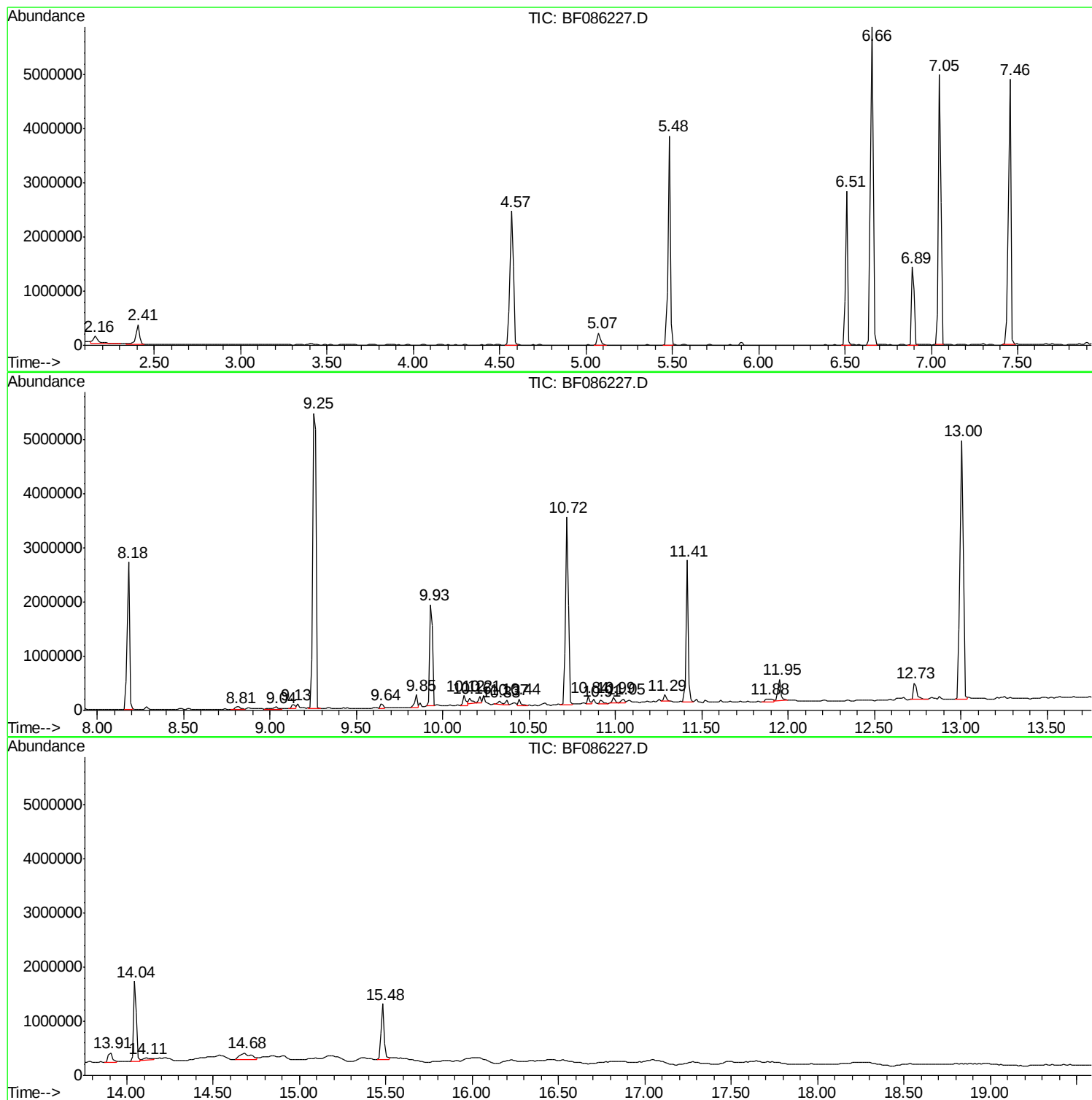
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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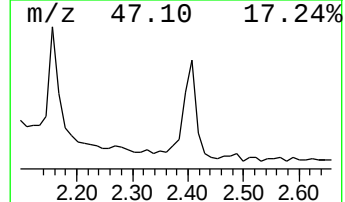
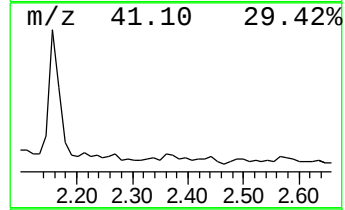
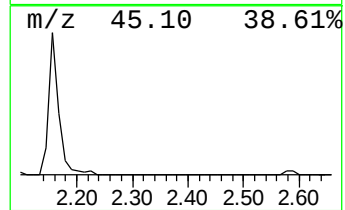
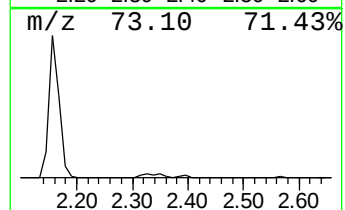
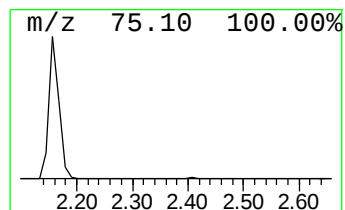
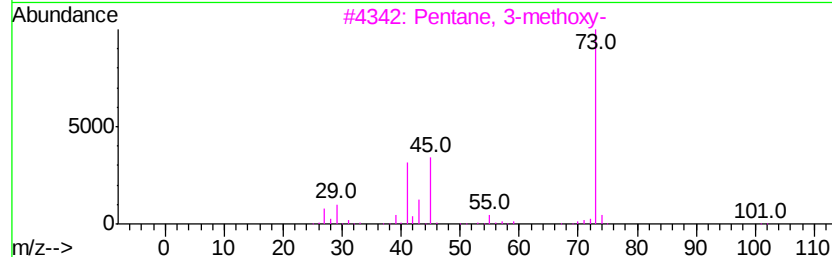
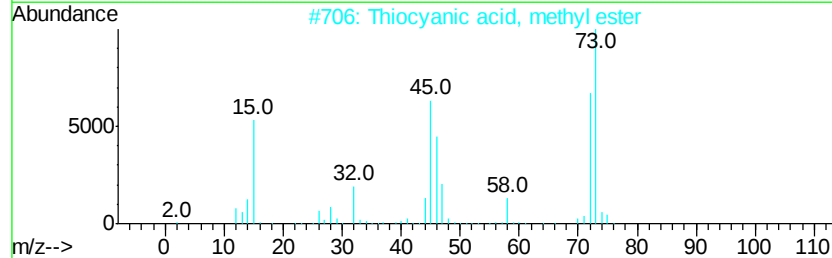
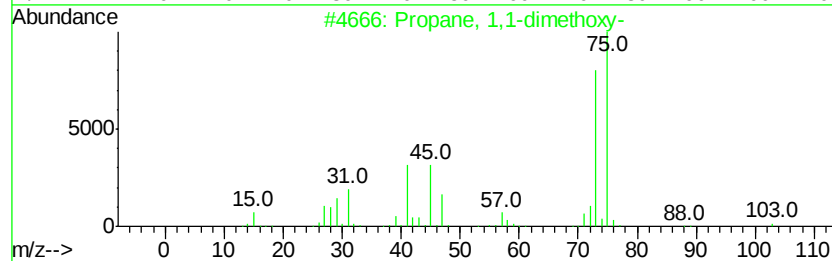
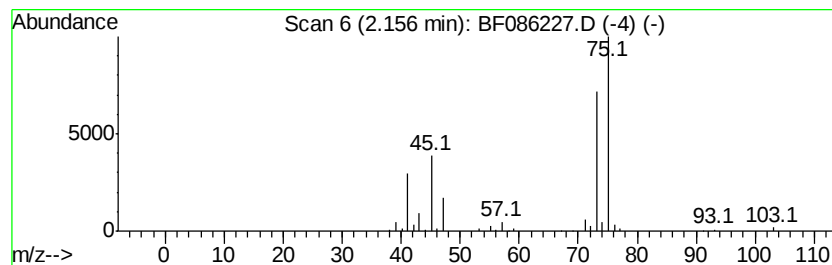
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.16 ng	269624	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2			Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	16
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			3-Hexene, 1-(1-ethoxyethoxy)-, (Z)-	172	C10H20O2	028069-74-1	9
5			2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	9



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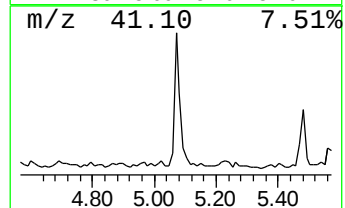
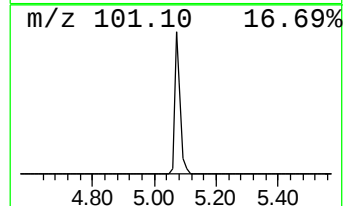
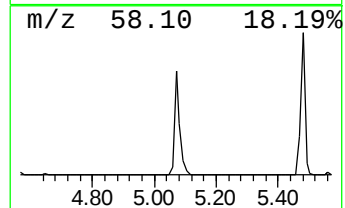
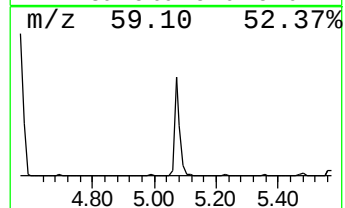
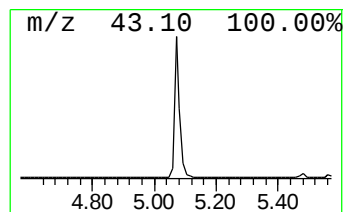
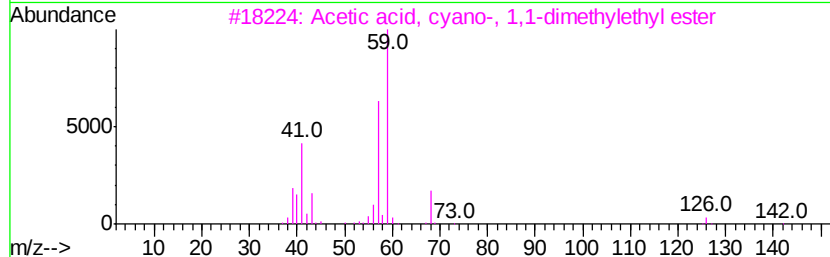
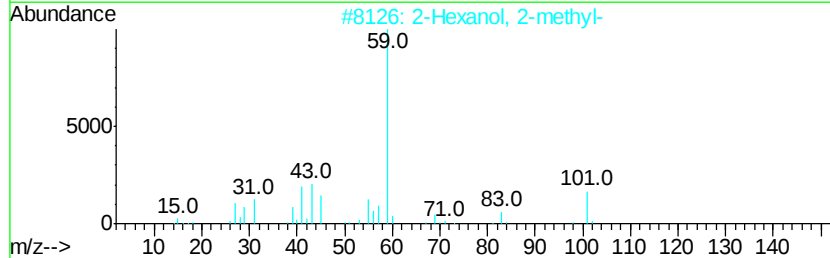
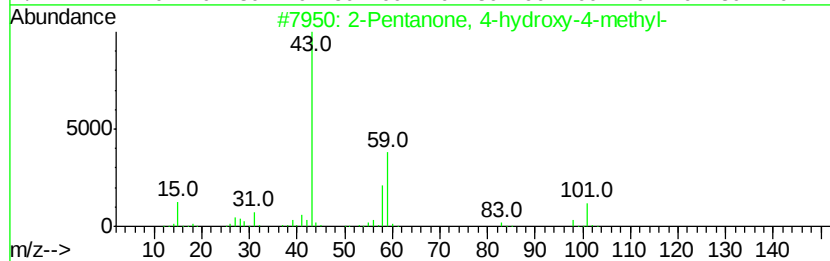
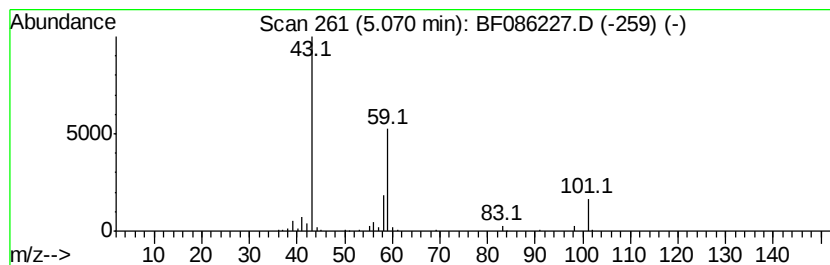
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.08 ng	262999	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		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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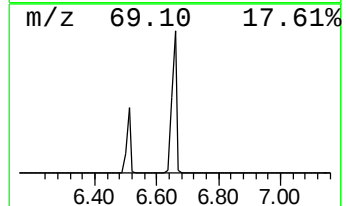
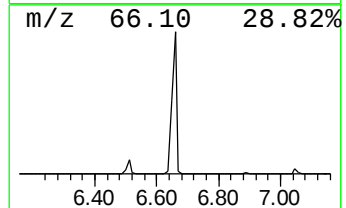
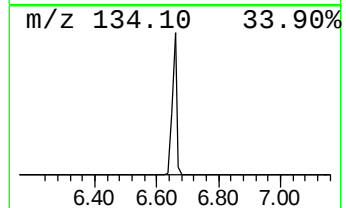
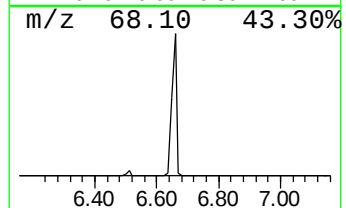
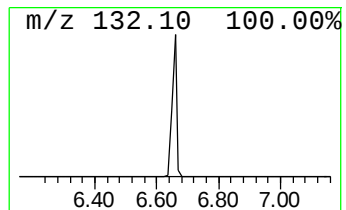
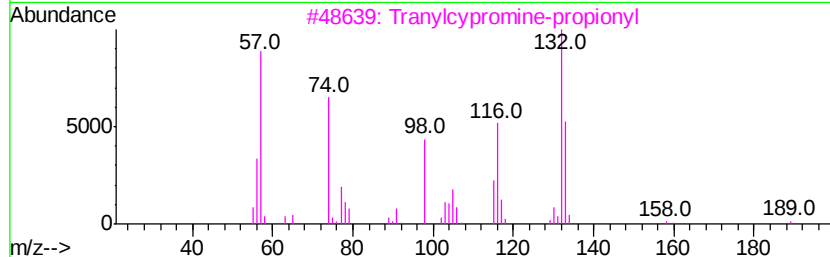
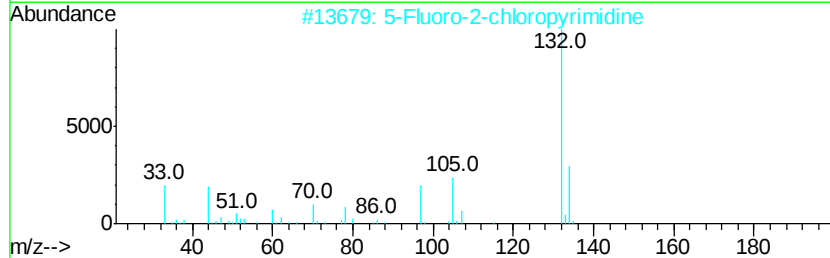
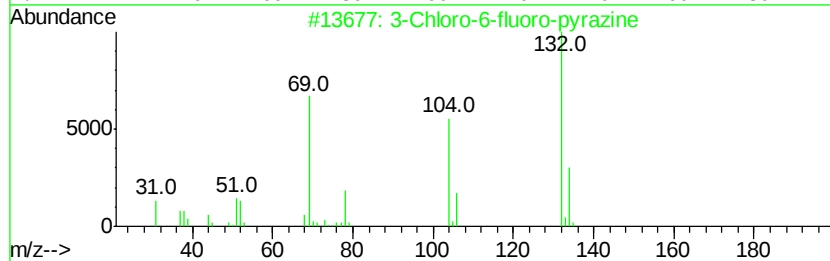
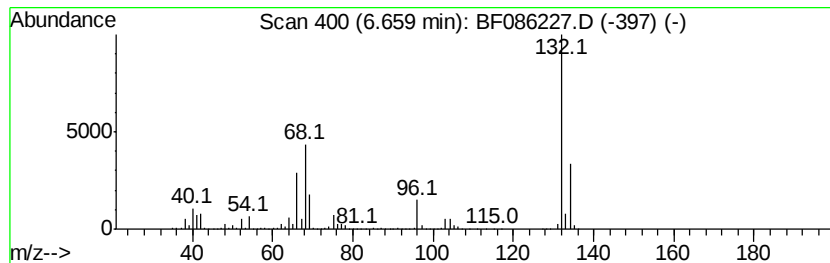
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.63 ng	6194220	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-			132	C6H3F3	000372-38-3	9



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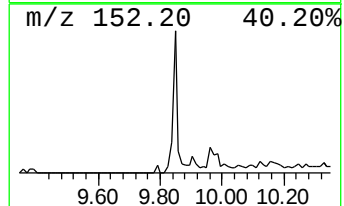
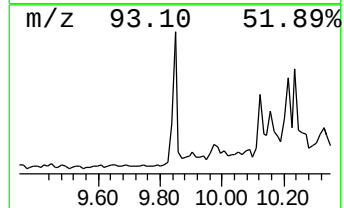
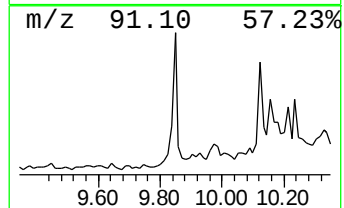
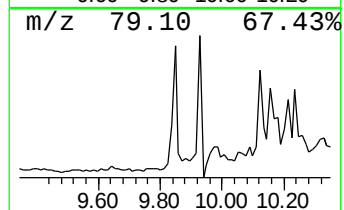
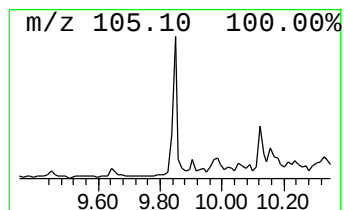
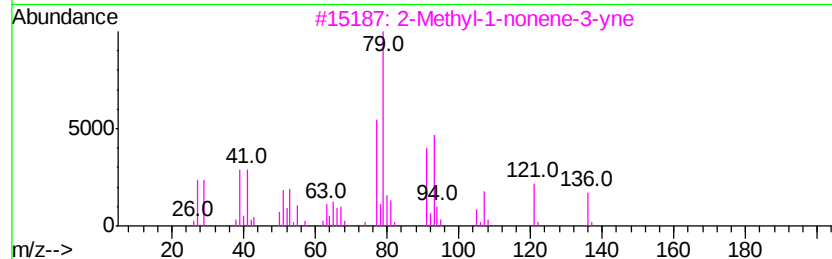
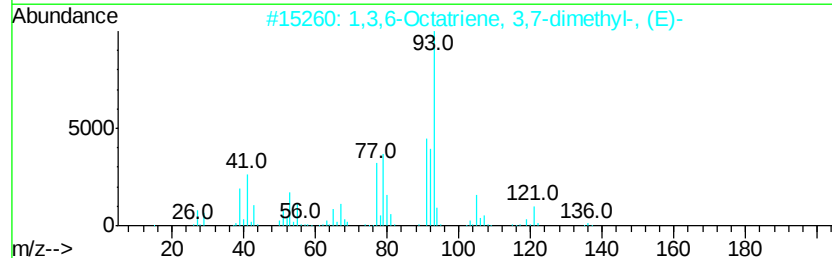
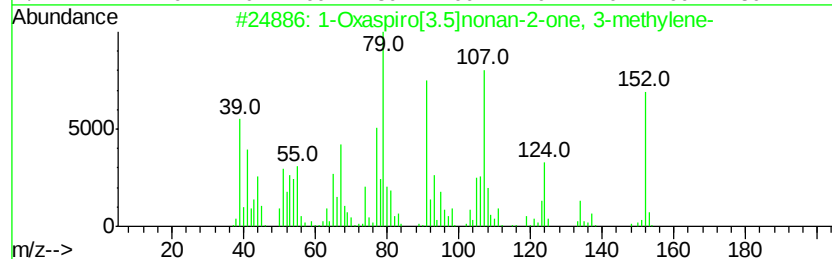
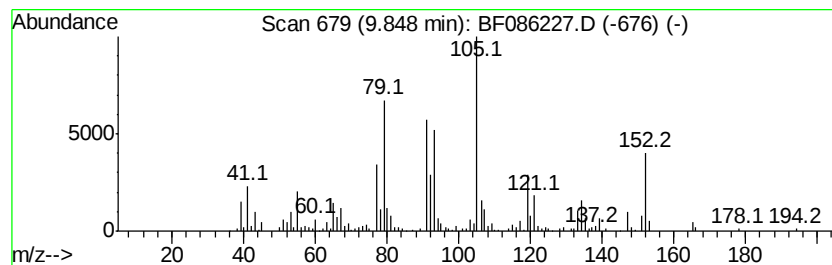
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Peak Number 7 unknown9.85 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.16 ng	255207	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Oxaspiro[3.5]nonan-2-one, 3-me...	152	C9H12O2	135638-62-9	30
2		1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	30
3		2-Methyl-1-nonene-3-yne	136	C10H16	070058-00-3	27
4		Bicyclo[4.2.0]oct-1-ene, 7-exo-e...	134	C10H14	1000142-18-2	25
5		5-Dodecen-7-yne, (E)-	164	C12H20	016336-82-6	22



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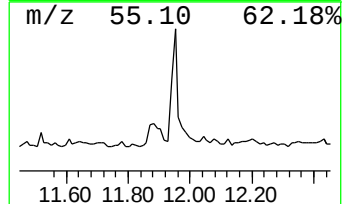
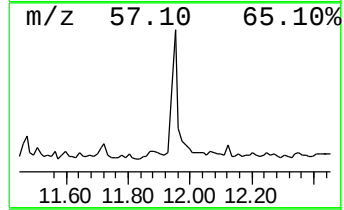
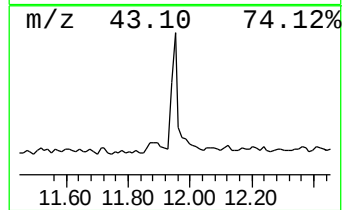
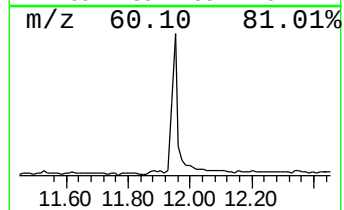
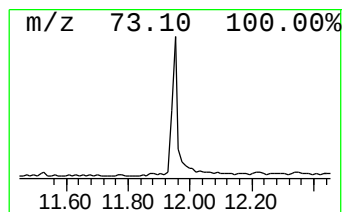
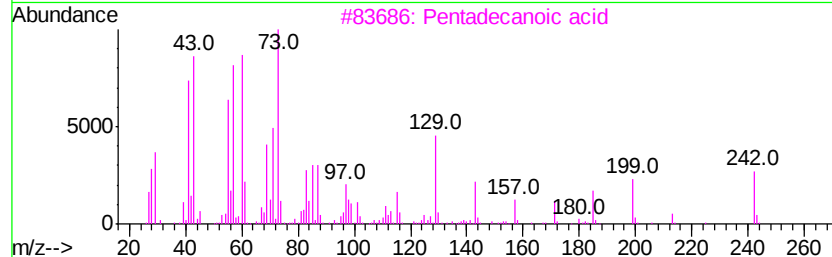
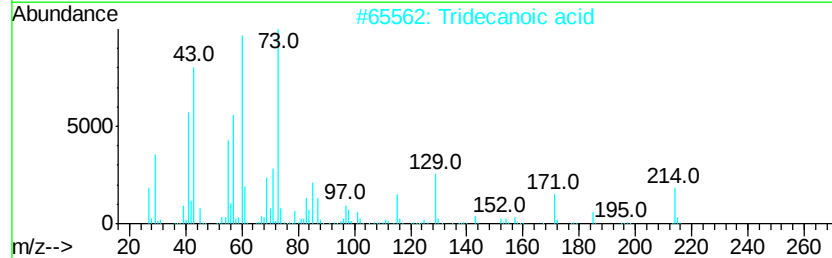
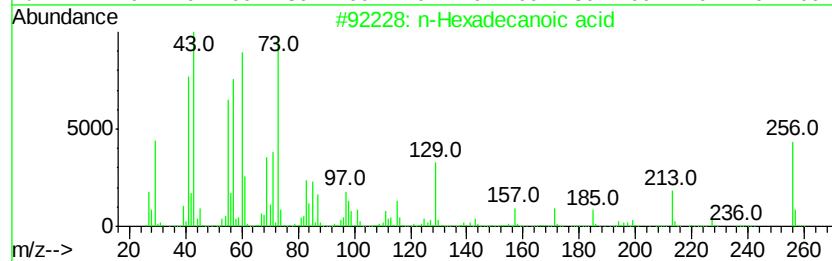
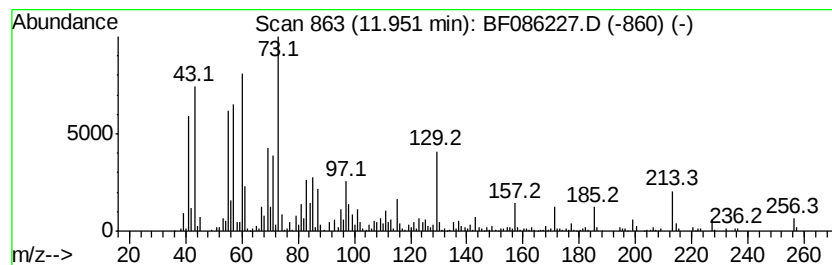
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TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.95	4.44 ng	508501	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Dodecanoic acid	200	C12H24O2	000143-07-7	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086227.D
Acq On : 15 Apr 2016 20:16
Operator : UM/SJ
Sample : H2402-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02S-4-7-16

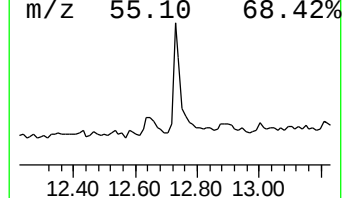
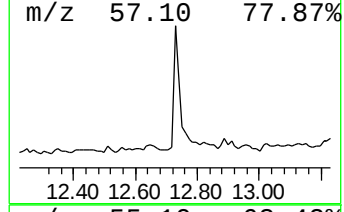
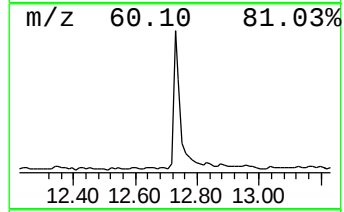
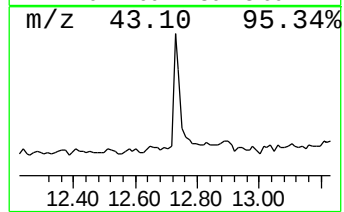
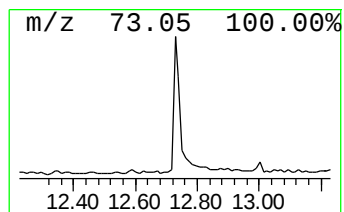
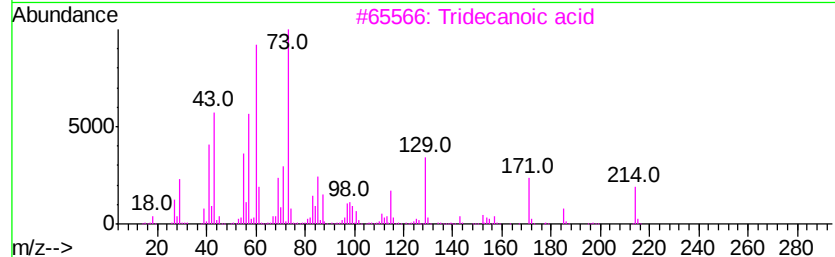
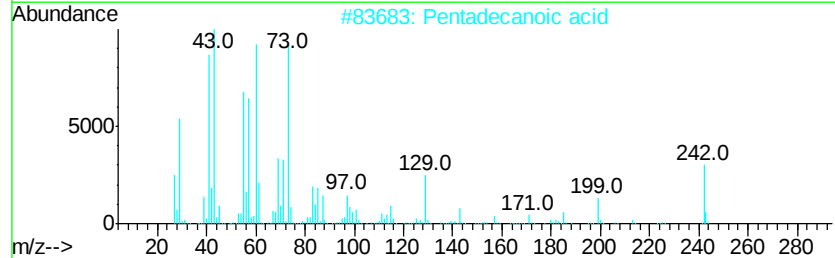
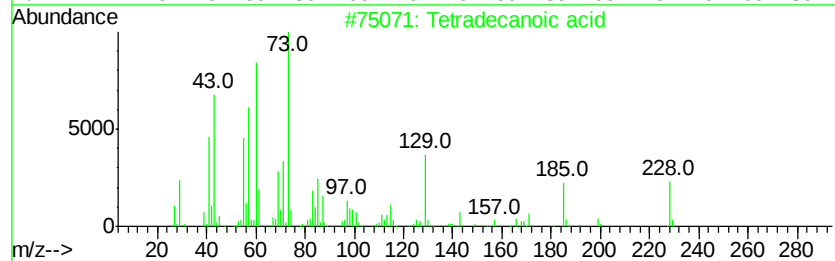
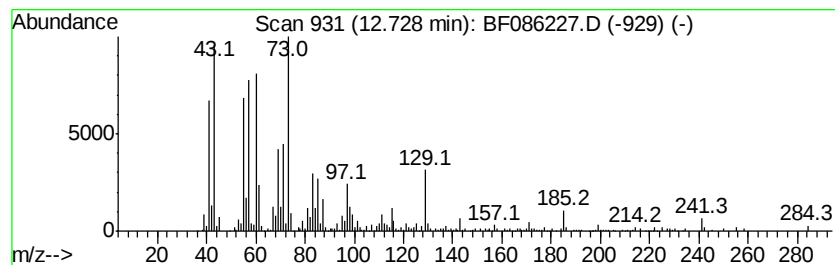
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.29 ng	491775	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086227.D
Acq On : 15 Apr 2016 20:16
Operator : UM/SJ
Sample : H2402-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

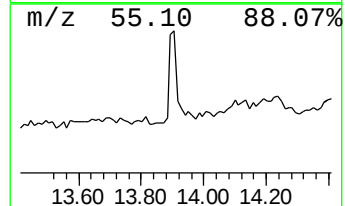
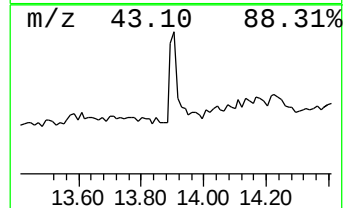
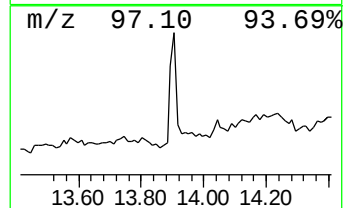
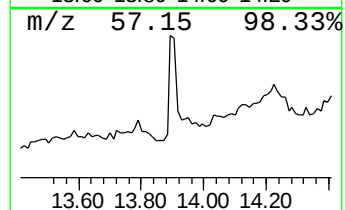
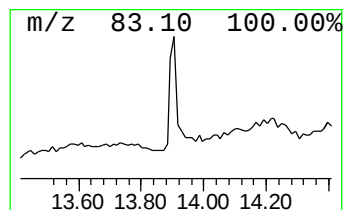
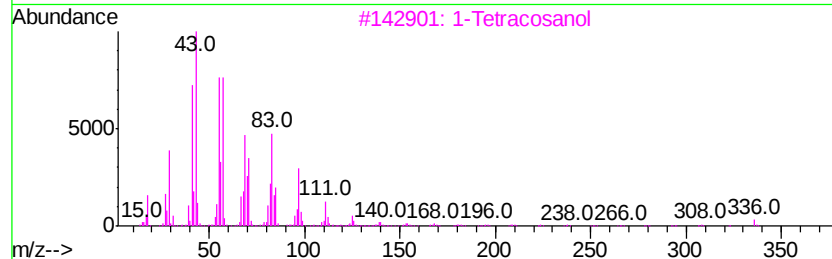
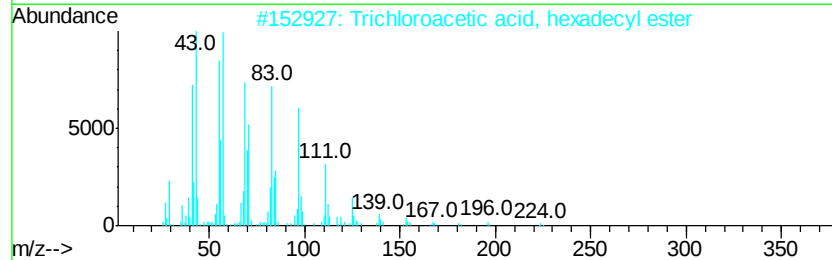
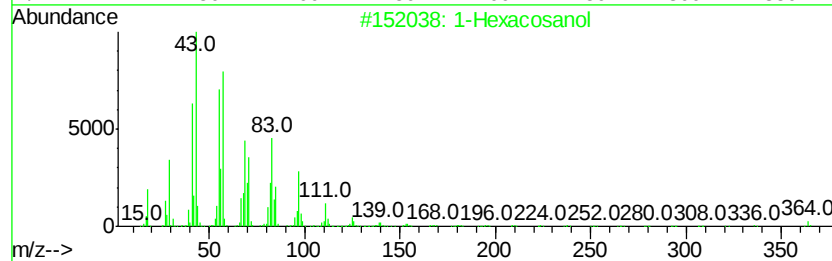
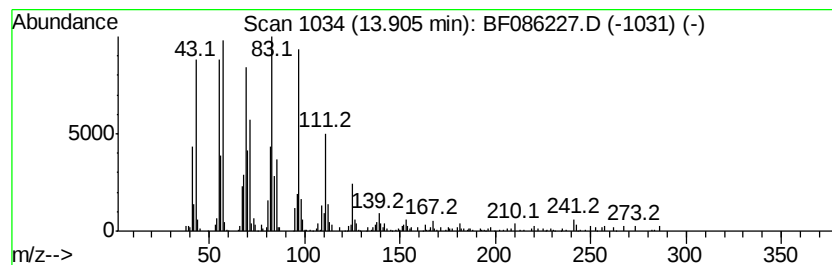
Instrument :
BNA_F
ClientSampleId :
GW-02S-4-7-16

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 10 1-Hexacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	3.40 ng	295467	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	Cyclopentadecane	210	C15H30	000295-48-7	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
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Operator : UM/SJ
Sample : H2402-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02S-4-7-16

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...	2.16	3.2	ng	269624	1	6.89	1705760	20.0
2-Pentanone, 4-hy...	5.07	3.1	ng	262999	1	6.89	1705760	20.0
unknown6.66	6.66	72.6	ng	6194220	1	6.89	1705760	20.0
unknown9.85	9.85	2.2	ng	255207	3	9.93	2359680	20.0
n-Hexadecanoic acid	11.95	4.4	ng	508501	4	11.41	2291220	20.0
Tetradecanoic acid	12.73	4.3	ng	491775	4	11.41	2291220	20.0
1-Hexacosanol	13.91	3.4	ng	295467	5	14.04	1739780	20.0