

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091217\
 Data File : BF098465.D
 Acq On : 12 Sep 2017 22:10
 Operator : SJ/JU
 Sample : I5140-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-9-15-30

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-BF091117.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	3.592	249	256	265	rVB	503586	795899	13.97%	1.771%
2	4.857	467	471	486	rVB	359574	577628	10.14%	1.285%
3	5.281	538	543	556	rBV	5413760	5669814	99.54%	12.615%
4	6.322	714	720	730	rBV	4811380	5696288	100.00%	12.674%
5	6.439	735	740	743	rVV	5632659	5329691	93.56%	11.858%
6	6.486	745	748	755	rVB3	36650	64807	1.14%	0.144%
7	6.663	774	778	784	rBV	1515551	1240051	21.77%	2.759%
8	6.822	800	805	808	rBV	3951551	3759951	66.01%	8.366%
9	7.092	848	851	860	rVB	274572	306472	5.38%	0.682%
10	7.233	870	875	878	rBV	3435018	3200819	56.19%	7.122%
11	7.710	947	956	961	rBV3	118610	171200	3.01%	0.381%
12	7.945	989	996	998	rBV	1885744	1577593	27.70%	3.510%
13	7.969	998	1000	1005	rVB	299743	277094	4.86%	0.617%
14	8.657	1114	1117	1120	rVB	108656	82881	1.46%	0.184%
15	8.757	1130	1134	1137	rVB	71240	67578	1.19%	0.150%
16	8.874	1151	1154	1161	rVB2	60361	74140	1.30%	0.165%
17	9.022	1174	1179	1182	rBV	4765955	4244082	74.51%	9.443%
18	9.416	1243	1246	1250	rVB	663021	570732	10.02%	1.270%
19	9.557	1266	1270	1274	rBV	72395	64951	1.14%	0.145%
20	9.633	1279	1283	1287	rVB2	73059	70338	1.23%	0.156%
21	9.698	1287	1294	1297	rBV	1510389	1445965	25.38%	3.217%
22	10.351	1399	1405	1407	rBV	79448	89940	1.58%	0.200%
23	10.486	1422	1428	1431	rBV	2367196	2140804	37.58%	4.763%
24	10.604	1445	1448	1456	rVB2	133841	220899	3.88%	0.491%
25	11.051	1521	1524	1526	rBV	70717	65767	1.15%	0.146%
26	11.080	1526	1529	1535	rVB	97090	109296	1.92%	0.243%
27	11.174	1542	1545	1548	rBV	1427605	1229901	21.59%	2.736%
28	11.198	1548	1549	1554	rVB	133741	84921	1.49%	0.189%
29	12.386	1748	1751	1754	rVB	165990	126261	2.22%	0.281%
30	12.610	1787	1789	1792	rVB	120812	103136	1.81%	0.229%
31	12.762	1810	1815	1818	rBV	2767952	2763545	48.51%	6.149%
32	13.545	1945	1948	1952	rBV2	202138	179091	3.14%	0.398%
33	13.657	1964	1967	1973	rVB	328707	361308	6.34%	0.804%
34	13.751	1981	1983	1986	rBV	164006	137288	2.41%	0.305%

LSC Area Percent Report

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.809	1989	1993	1996	rBV	1197313	1104366	19.39%	2.457%
36	15.209	2227	2231	2239	rVB	739901	940068	16.50%	2.092%

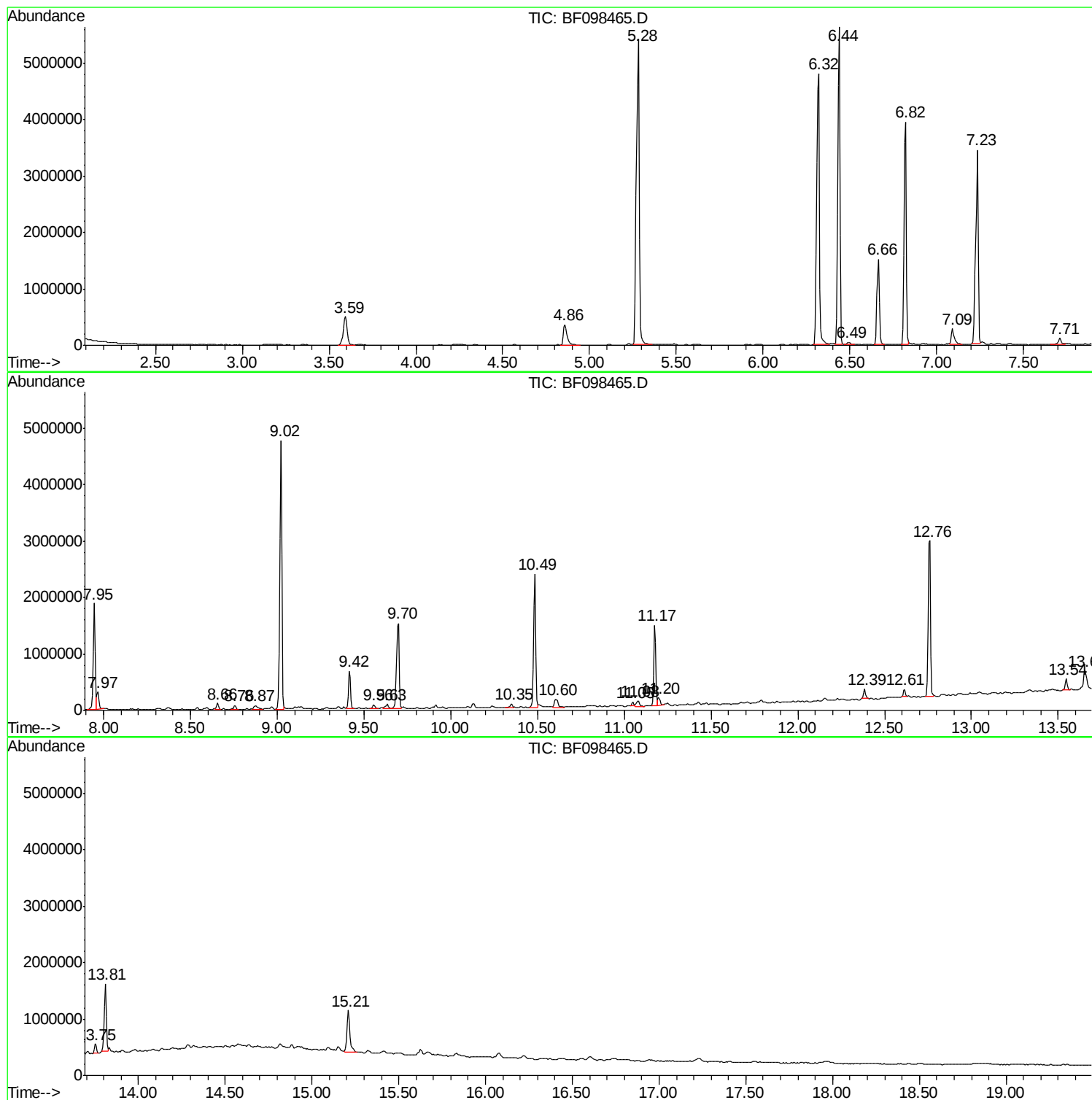
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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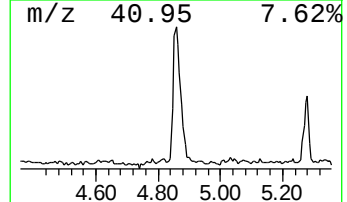
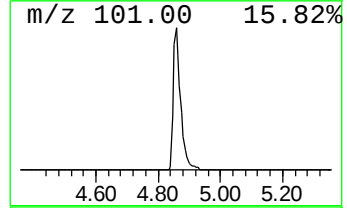
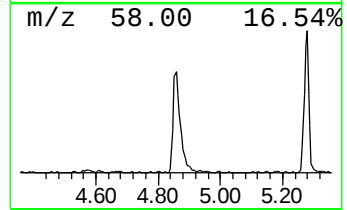
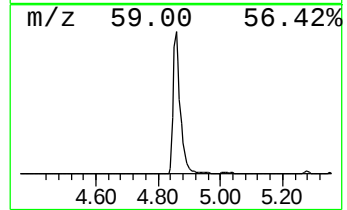
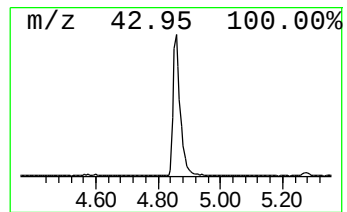
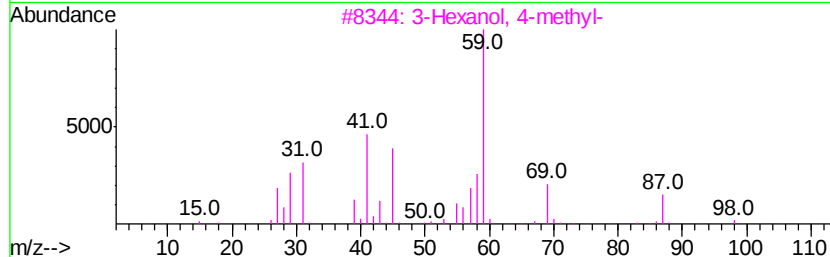
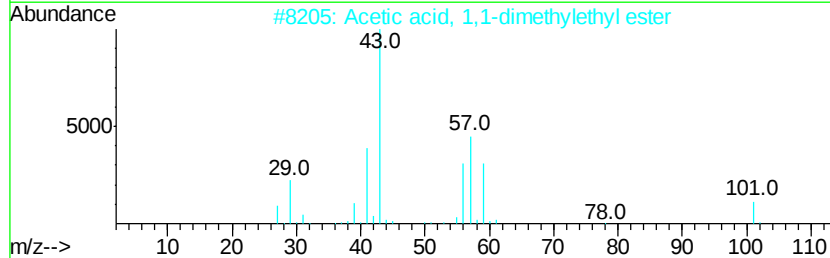
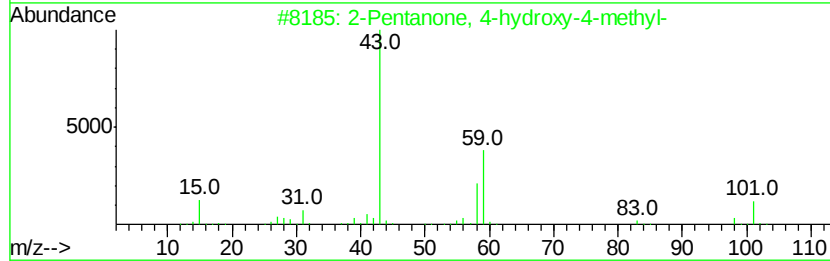
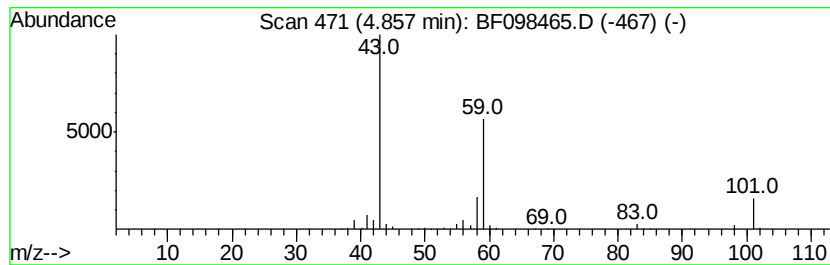
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
4.86	9.32 ng	577628	1,4-Dichlorobenzene-d4	6.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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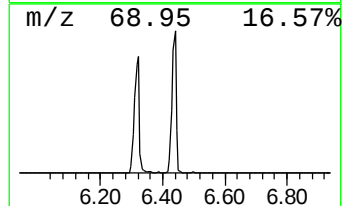
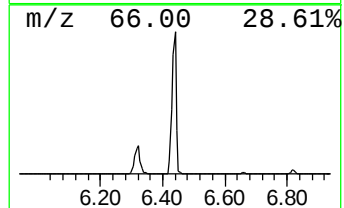
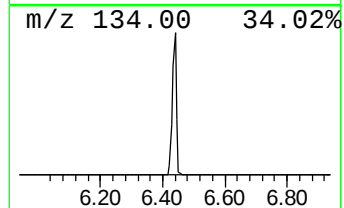
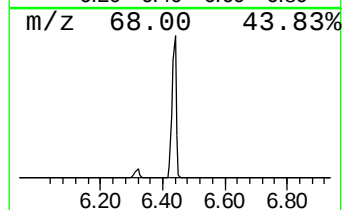
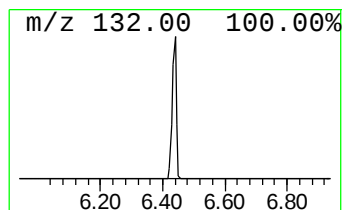
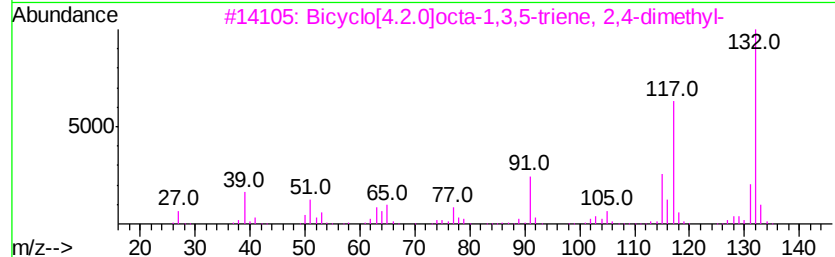
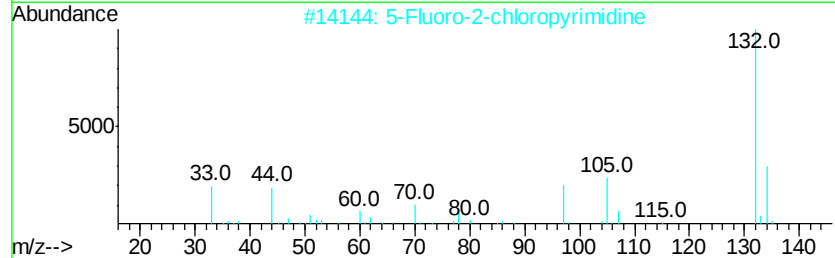
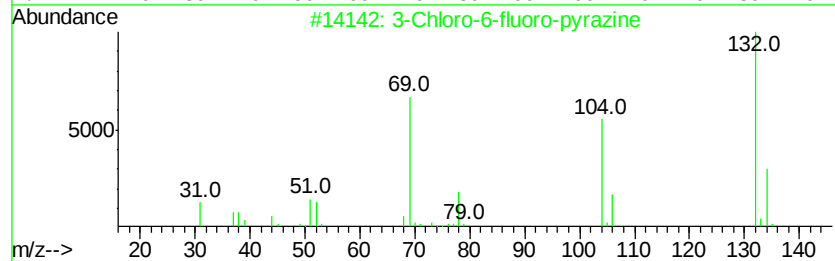
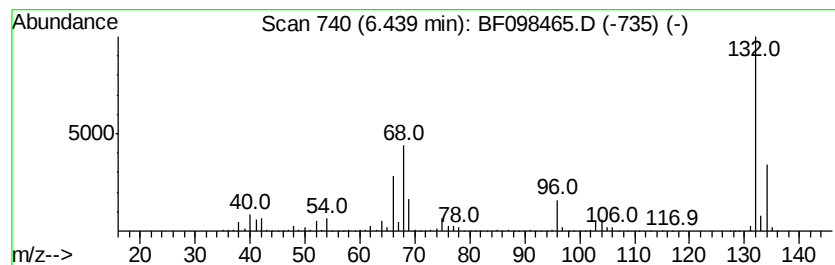
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	85.96 ng	5329690	1,4-Dichlorobenzene-d4	6.66

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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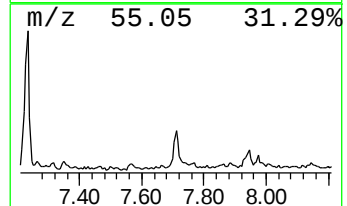
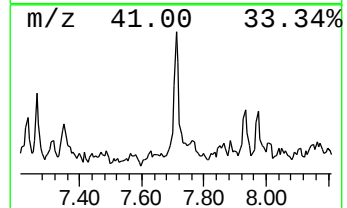
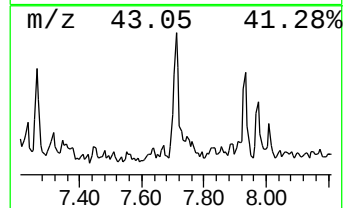
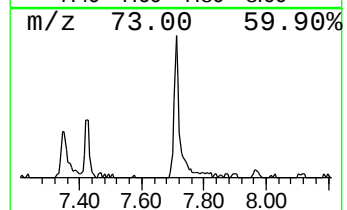
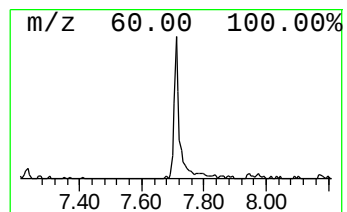
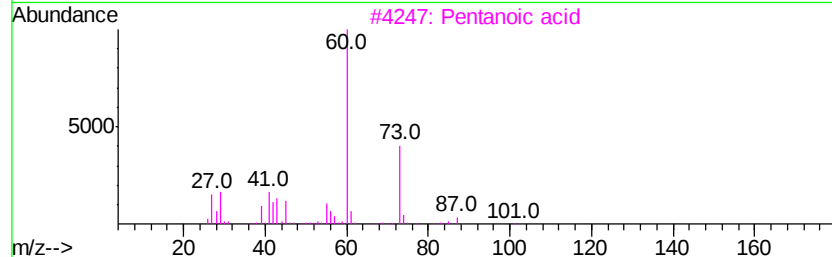
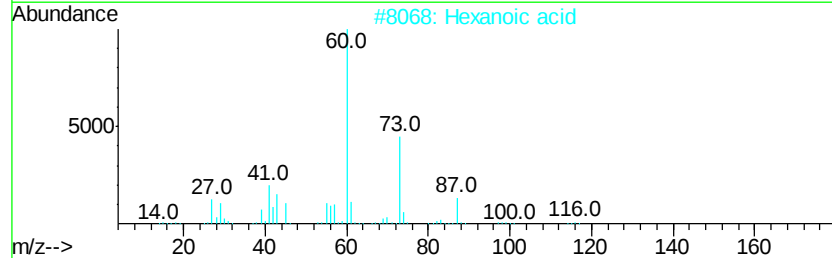
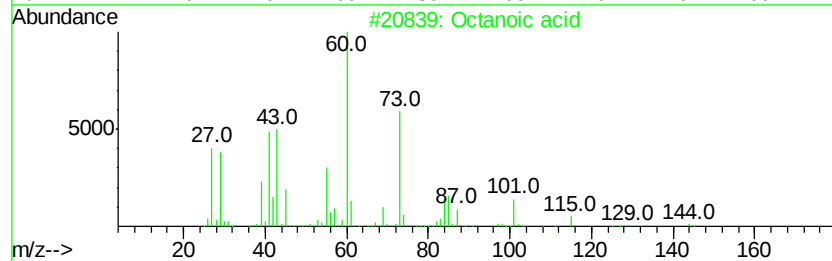
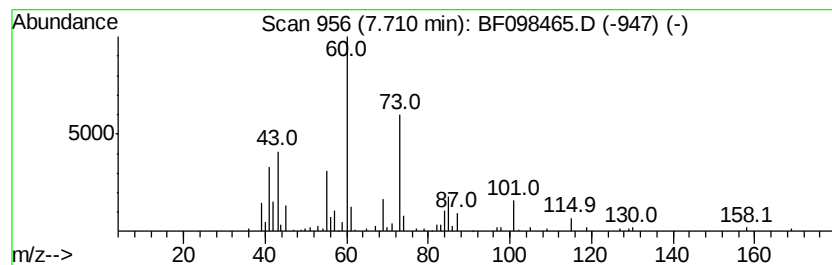
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	2.17 ng	171200	Naphthalene-d8	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid		144	C8H16O2	000124-07-2	78
2	Hexanoic acid		116	C6H12O2	000142-62-1	59
3	Pentanoic acid		102	C5H10O2	000109-52-4	53
4	Thiazole, 4,5-dihydro-2-methyl-		101	C4H7NS	002346-00-1	47
5	Nonanoic acid		158	C9H18O2	000112-05-0	45



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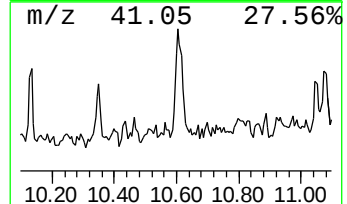
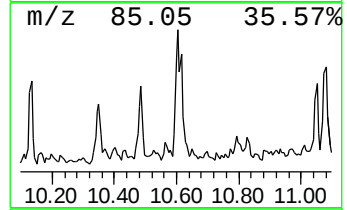
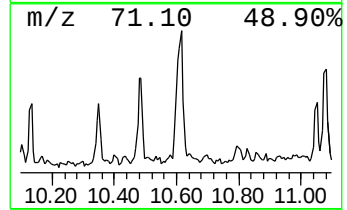
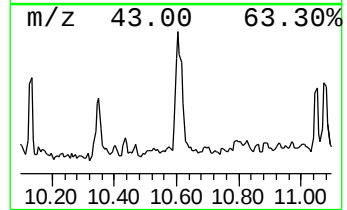
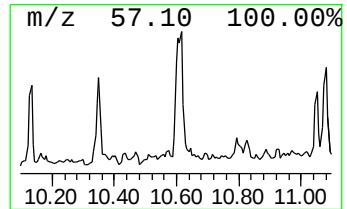
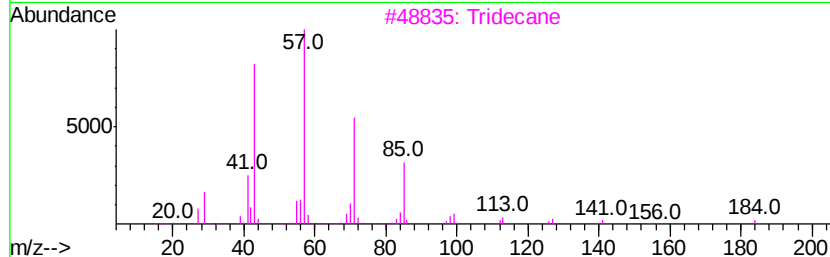
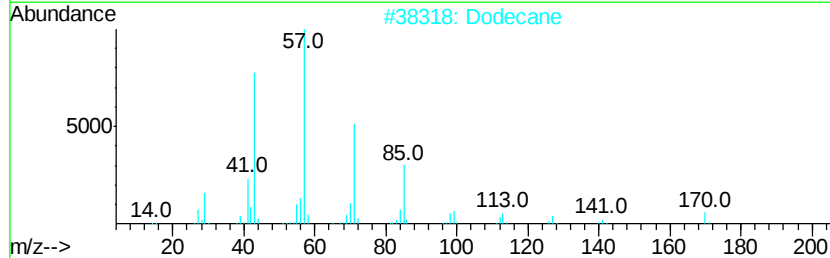
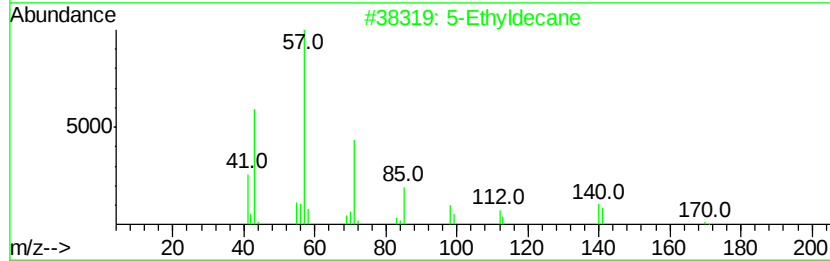
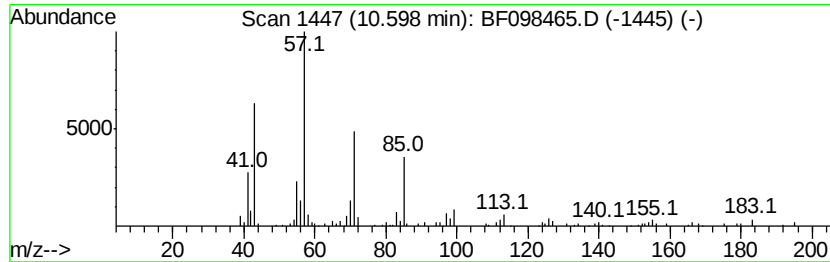
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 5-Ethyldecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	3.59 ng	220899	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	83
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72



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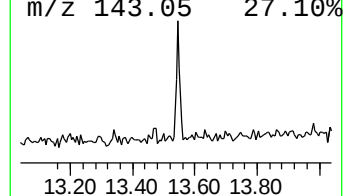
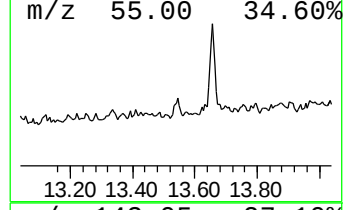
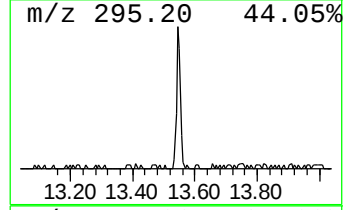
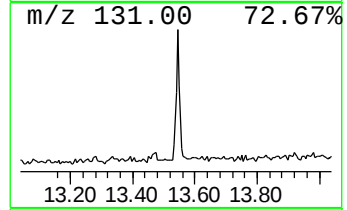
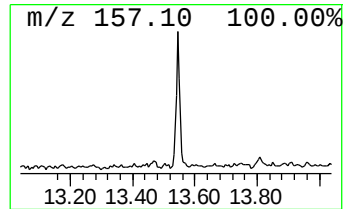
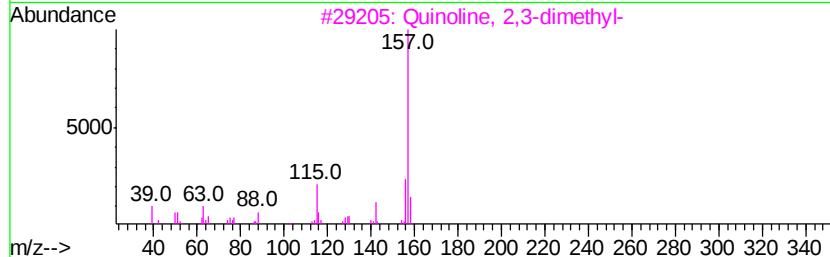
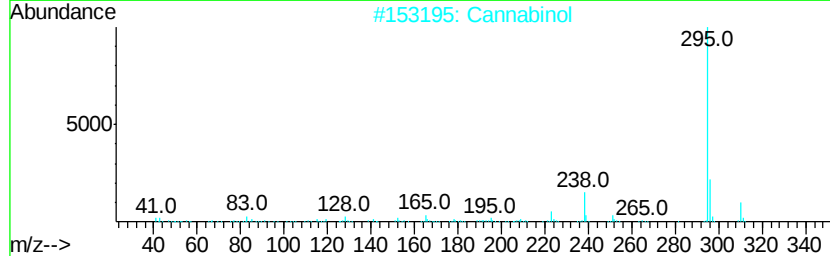
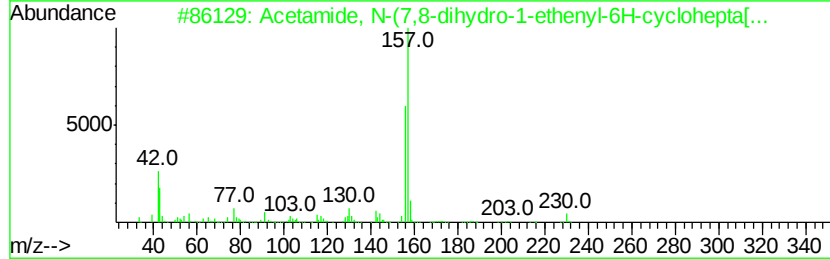
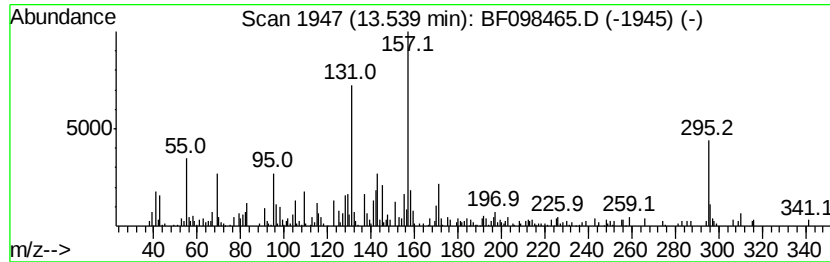
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 unknown13.54 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.24 ng	179091	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(7,8-dihydro-1-eth...	230	C14H18N2O	313996-62-2	30
2		Cannabinol	310	C21H26O2	000521-35-7	25
3		Quinoline, 2,3-dimethyl-	157	C11H11N	001721-89-7	22
4		Benzene, 1-methyl-3-[(1-methylet...	172	C13H16	056701-42-9	22
5		4-(2-Chloroethyl)naphthalen-1-ol	206	C12H11ClO	040847-82-3	22



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Operator : SJ/JU
Sample : I5140-07
Misc :
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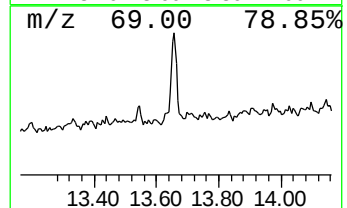
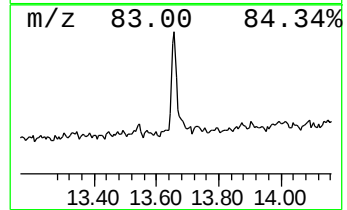
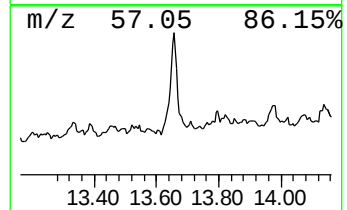
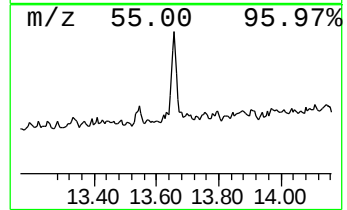
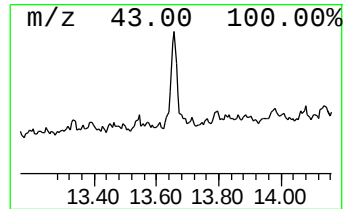
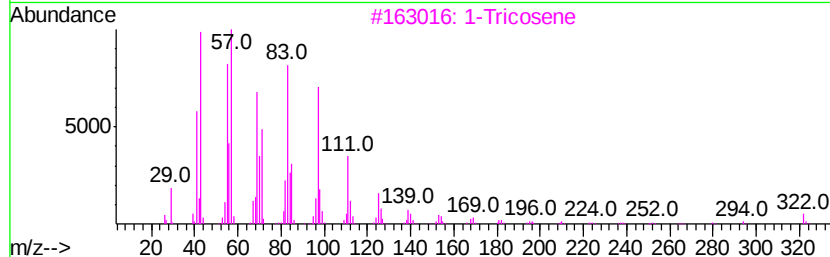
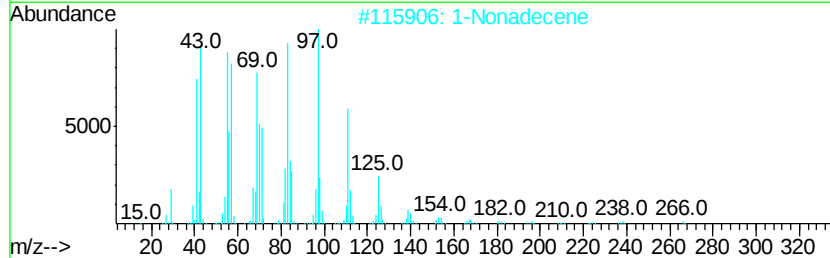
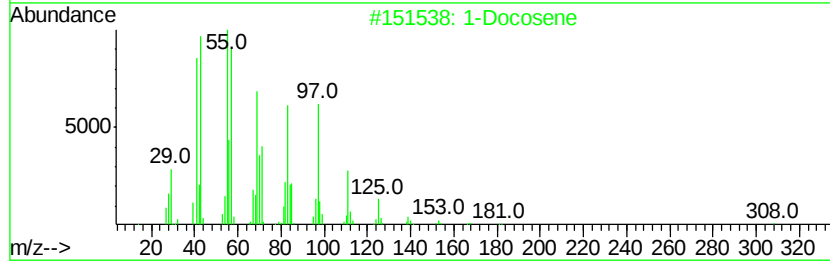
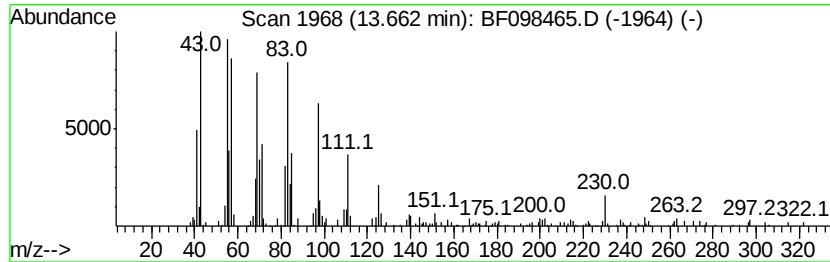
Instrument :
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ClientSampleId :
RL-9-15-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.66	6.54 ng	361308	Chrysene-d12	13.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
5	1-Octadecanol	270	C18H38O	000112-92-5	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098465.D
Acq On : 12 Sep 2017 22:10
Operator : SJ/JU
Sample : I5140-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

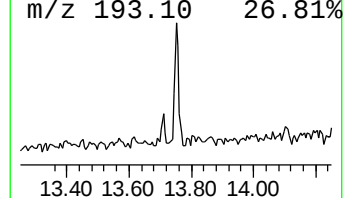
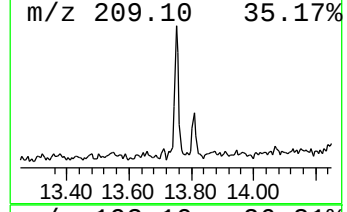
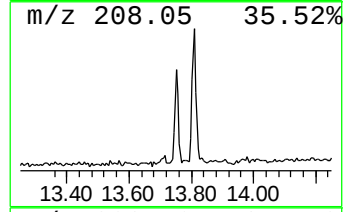
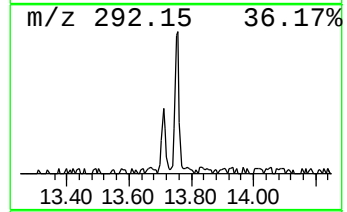
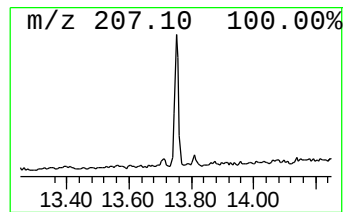
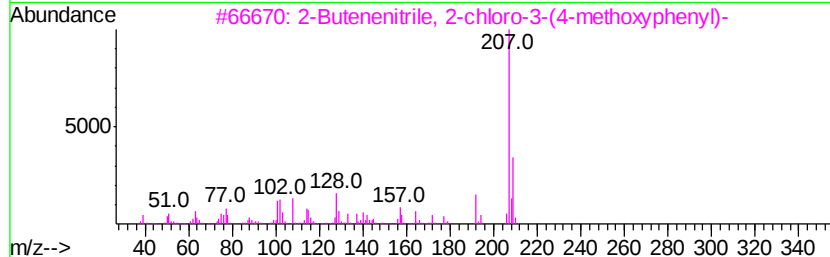
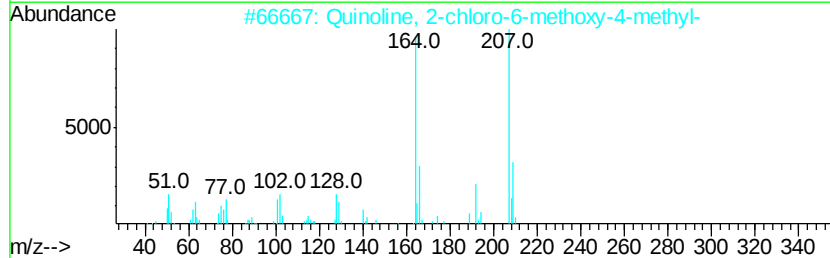
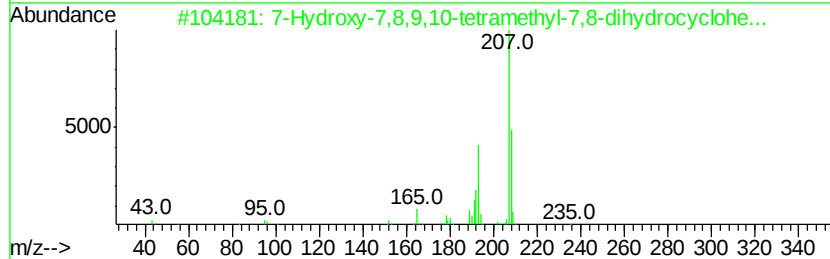
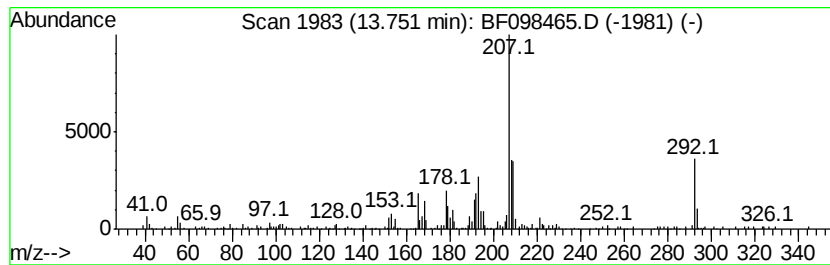
Instrument :
BNA_F
ClientSampleId :
RL-9-15-30

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 7-Hydroxy-7,8,9,10-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.75	2.49 ng	137288	Chrysene-d12	13.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-7,8,9,10-tetramethyl-7...	252	C18H20O	1000110-34-9	50	
2	Quinoline, 2-chloro-6-methoxy-4-...	207	C11H10ClNO	006340-55-2	47	
3	2-Butenenitrile, 2-chloro-3-(4-m...	207	C11H10ClNO	1000305-66-7	47	
4	3,3-Diisopropoxy-1,1,1,5,5,5-hex...	324	C12H32O4Si3	018082-56-9	42	
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38	



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091217\
Data File : BF098465.D
Acq On : 12 Sep 2017 22:10
Operator : SJ/JU
Sample : I5140-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-9-15-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	9.3	ng	577628	1	6.66	1240050	20.0
unknown6.44	6.44	86.0	ng	5329690	1	6.66	1240050	20.0
Octanoic acid	7.71	2.2	ng	171200	2	7.95	1577590	20.0
5-Ethyldecane	10.60	3.6	ng	220899	4	11.17	1229900	20.0
unknown13.54	13.54	3.2	ng	179091	5	13.81	1104370	20.0
1-Docosene	13.66	6.5	ng	361308	5	13.81	1104370	20.0
7-Hydroxy-7,8,9,1...	13.75	2.5	ng	137288	5	13.81	1104370	20.0