

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081922.D
 Acq On : 1 Oct 2015 1:23
 Operator : UM/IZ
 Sample : G3846-09 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 009-TB-8(0-4)

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-BF092815.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	2.365	19	20	36	rVB3	13103	40059	1.02%	0.102%
2	5.074	255	257	260	rBV	424995	490575	12.43%	1.247%
3	5.486	291	293	296	rBV	620682	837258	21.22%	2.127%
4	6.526	381	384	386	rBV	1046517	954796	24.19%	2.426%
5	6.663	394	396	399	rBV	926929	1021244	25.88%	2.595%
6	6.720	399	401	405	rVB	28418	43530	1.10%	0.111%
7	6.903	415	417	420	rBV	749472	691291	17.52%	1.757%
8	7.063	428	431	433	rBV	775514	836326	21.19%	2.125%
9	7.463	465	466	469	rBV	356808	542177	13.74%	1.378%
10	8.195	527	530	532	rBV	868293	938168	23.77%	2.384%
11	8.903	591	592	594	rBV	61484	46930	1.19%	0.119%
12	8.960	595	597	599	rBV	70364	107072	2.71%	0.272%
13	9.006	599	601	603	rVB	53300	61184	1.55%	0.155%
14	9.269	621	624	626	rBV	1368006	1262078	31.98%	3.207%
15	9.532	644	647	650	rBV	31264	45415	1.15%	0.115%
16	9.600	651	653	654	rVV	67309	63882	1.62%	0.162%
17	9.658	657	658	661	rVV	248075	278574	7.06%	0.708%
18	9.726	662	664	669	rVB2	19580	43746	1.11%	0.111%
19	9.806	669	671	674	rBV	91669	77111	1.95%	0.196%
20	9.875	674	677	679	rVB	49580	54933	1.39%	0.140%
21	9.943	681	683	685	rVV	923491	948406	24.03%	2.410%
22	9.978	685	686	688	rVB	149045	116325	2.95%	0.296%
23	10.149	698	701	703	rVV	89481	109933	2.79%	0.279%
24	10.183	703	704	707	rVV3	36922	47494	1.20%	0.121%
25	10.263	709	711	712	rBV	38567	45551	1.15%	0.116%
26	10.366	716	720	722	rBV2	62643	119143	3.02%	0.303%
27	10.492	729	731	734	rVB	139289	144449	3.66%	0.367%
28	10.583	737	739	742	rVB4	26011	44936	1.14%	0.114%
29	10.652	742	745	746	rVB2	42103	41048	1.04%	0.104%
30	10.732	750	752	755	rBV	662718	633264	16.05%	1.609%
31	10.858	760	763	767	rVB2	116104	171313	4.34%	0.435%
32	10.938	767	770	772	rBV3	22415	46958	1.19%	0.119%
33	11.041	776	779	780	rBV2	47266	67843	1.72%	0.172%
34	11.166	788	790	795	rBV2	56256	127986	3.24%	0.325%

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Integrator: RTE

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Sampling : 1

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.235	795	796	798	rVV	57201	62383	1.58%	0.159%
36	11.292	798	801	802	rBV2	66912	83869	2.13%	0.213%
37	11.326	802	804	808	rVB	96101	115250	2.92%	0.293%
38	11.464	811	816	818	rBV2	1314724	2299444	58.26%	5.843%
39	11.509	818	820	822	rVV	355826	358814	9.09%	0.912%
40	11.544	822	823	826	rVB	48805	49354	1.25%	0.125%
41	11.601	826	828	830	rVB3	27691	42464	1.08%	0.108%
42	11.669	830	834	837	rBV2	181500	317061	8.03%	0.806%
43	11.726	837	839	840	rBV2	43590	47929	1.21%	0.122%
44	11.841	847	849	851	rVB3	52207	54931	1.39%	0.140%
45	11.932	855	857	858	rBV	145053	155839	3.95%	0.396%
46	11.966	858	860	861	rVV	225468	284009	7.20%	0.722%
47	12.001	861	863	865	rVV	671572	802482	20.33%	2.039%
48	12.046	865	867	871	rVB2	325455	429188	10.88%	1.091%
49	12.229	882	883	884	rBV	110866	108898	2.76%	0.277%
50	12.412	897	899	903	rBV2	57253	89333	2.26%	0.227%
51	12.481	903	905	907	rBV	107540	147724	3.74%	0.375%
52	12.652	917	920	922	rBV	2671641	2619125	66.37%	6.655%
53	12.709	922	925	927	rVB2	41695	45386	1.15%	0.115%
54	12.801	931	933	937	rVB2	90605	117008	2.96%	0.297%
55	12.881	937	940	942	rBV	2249409	2579973	65.37%	6.556%
56	12.927	943	944	947	rVB2	104630	103565	2.62%	0.263%
57	13.018	950	952	955	rVB2	836184	938130	23.77%	2.384%
58	13.075	955	957	959	rBV	973814	1005113	25.47%	2.554%
59	13.201	965	968	970	rVB2	262802	424388	10.75%	1.078%
60	13.269	973	974	976	rVV	165846	191326	4.85%	0.486%
61	13.304	976	977	981	rVB2	185967	248745	6.30%	0.632%
62	13.498	992	994	997	rBV	1845479	1882617	47.70%	4.784%
63	13.715	1011	1013	1017	rVB	186731	243353	6.17%	0.618%
64	13.829	1020	1023	1024	rBV2	211203	306355	7.76%	0.778%
65	13.921	1030	1031	1035	rVB	290381	280658	7.11%	0.713%
66	14.070	1041	1044	1046	rBV3	1484399	3946536	100.00%	10.028%
67	14.184	1052	1054	1056	rBV	201289	156820	3.97%	0.398%
68	15.121	1133	1136	1140	rBV	1235369	2785016	70.57%	7.077%
69	15.224	1143	1145	1147	rVB	203994	212809	5.39%	0.541%
70	15.418	1160	1162	1165	rVB	667398	920506	23.32%	2.339%
71	15.487	1165	1168	1171	rVB	930394	1232545	31.23%	3.132%

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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

72	15.544	1171	1173	1175	rBV	549695	864220	21.90%	2.196%
73	16.996	1296	1300	1304	rVB2	369439	802945	20.35%	2.040%
74	17.224	1318	1320	1324	rVB2	81096	124169	3.15%	0.316%
75	17.430	1334	1338	1346	rVB	305711	774164	19.62%	1.967%

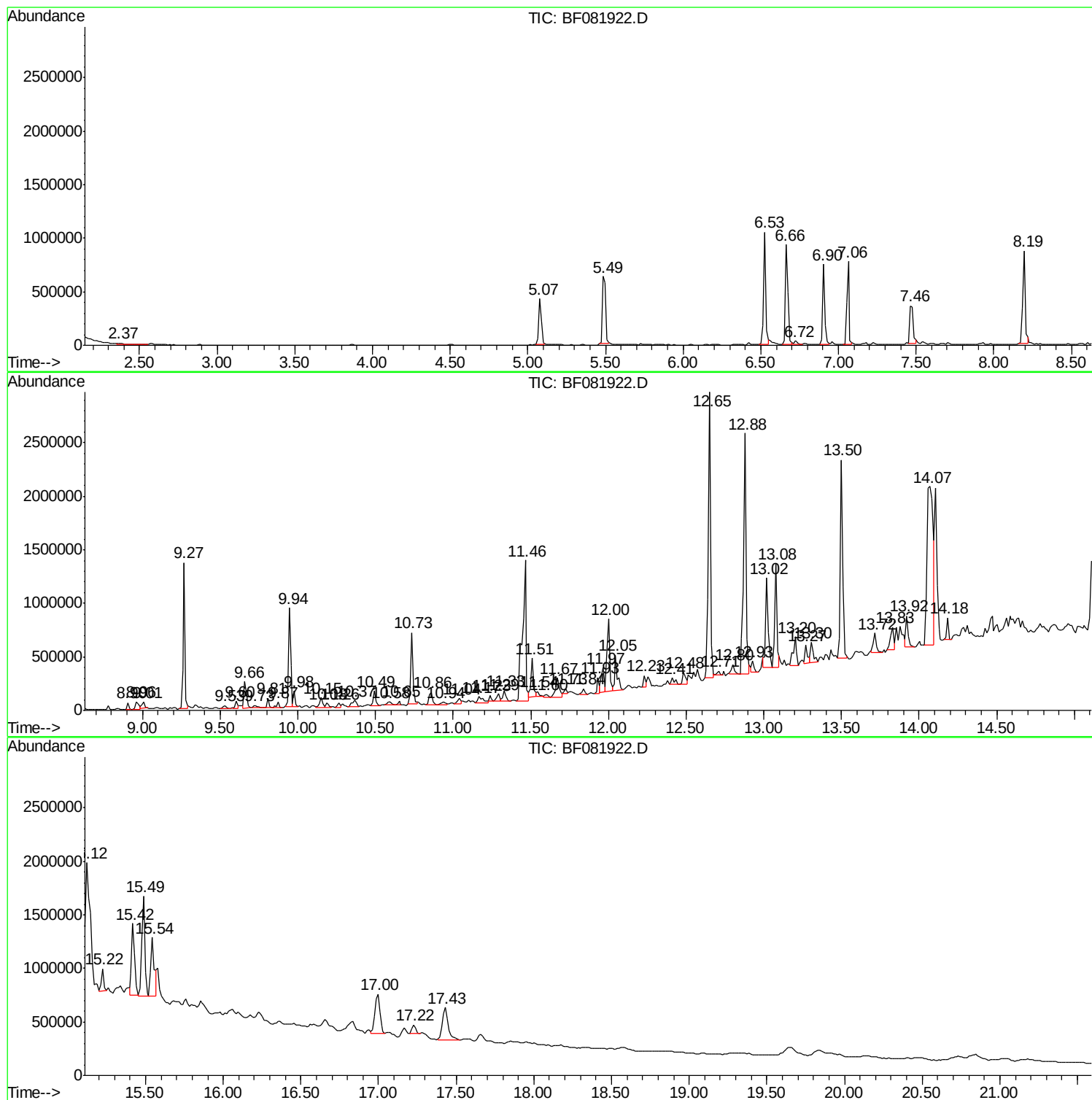
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081922.D
Acq On : 1 Oct 2015 1:23
Operator : UM/IZ
Sample : G3846-09 2X
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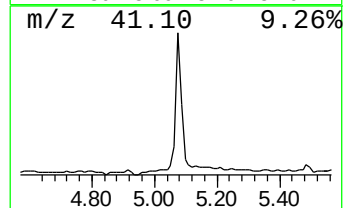
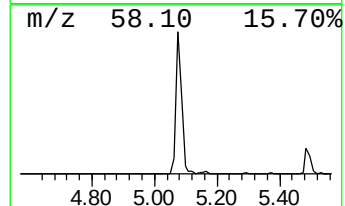
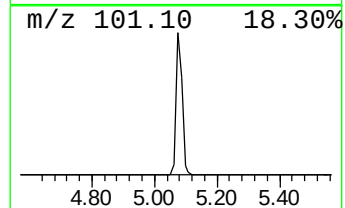
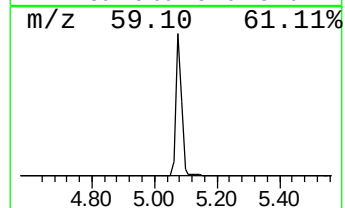
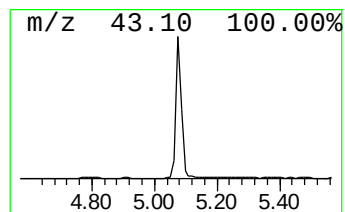
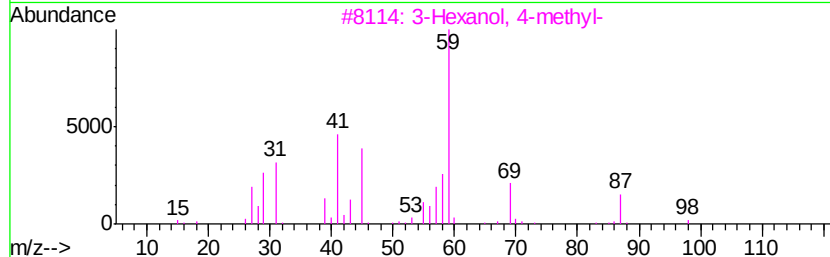
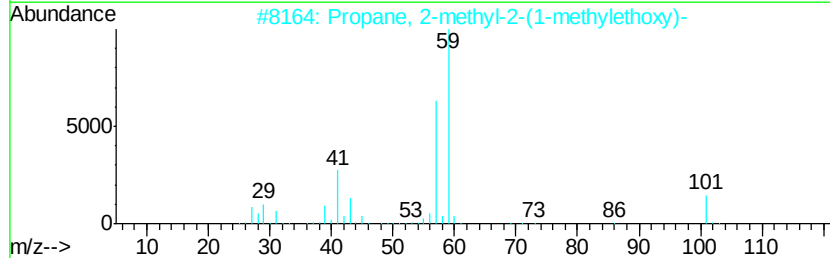
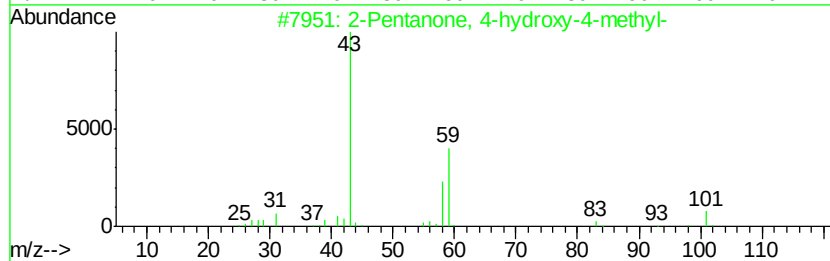
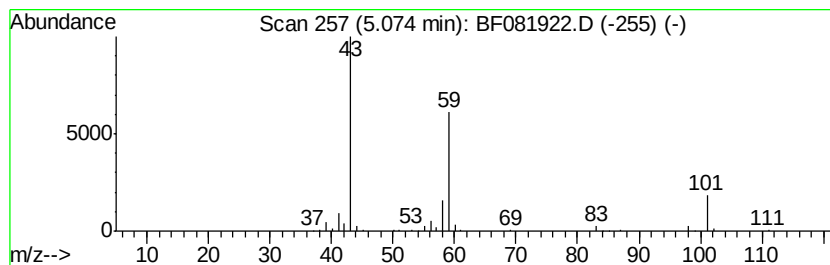
Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.07	14.19 ng	490575	1,4-Dichlorobenzene-d4	6.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42	
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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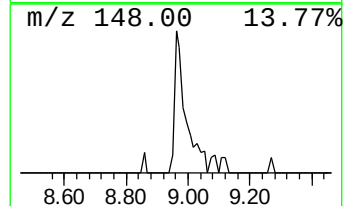
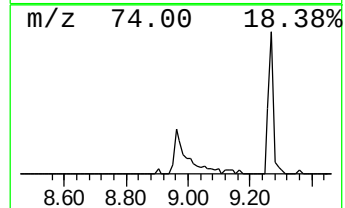
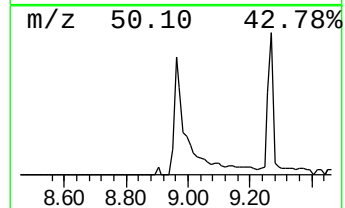
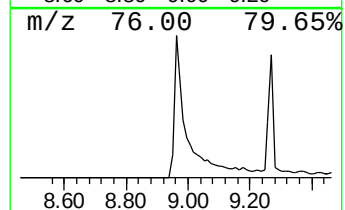
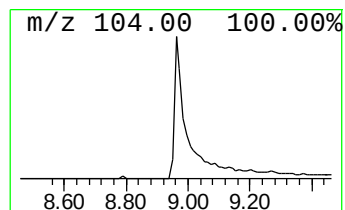
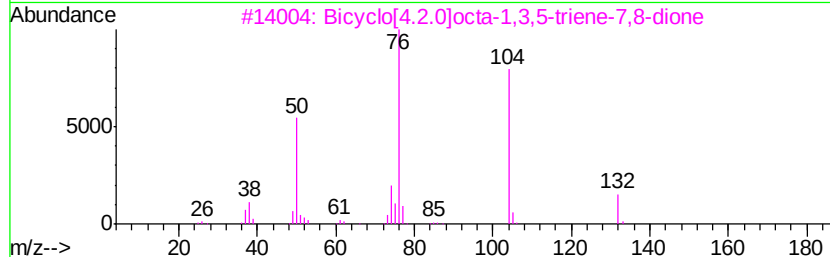
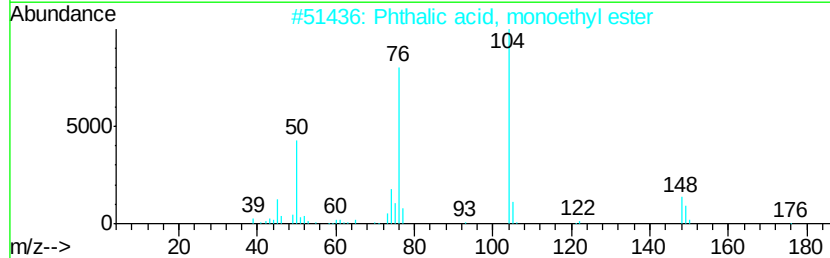
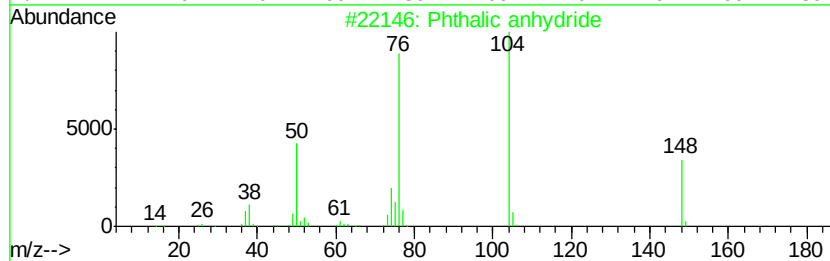
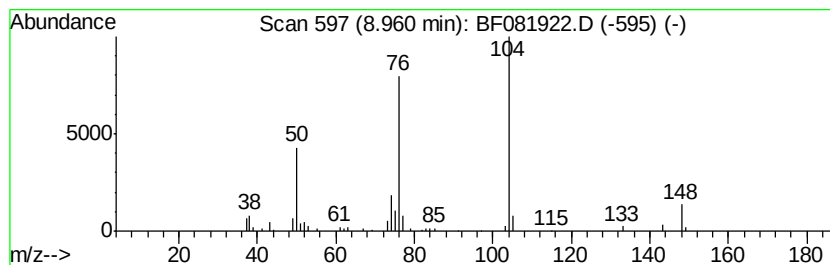
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.28 ng	107072	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3		Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	86
4		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
5		N-[2-Acetamidoethylthio]phthalimide	264	C12H12N2O3S	025158-14-9	78



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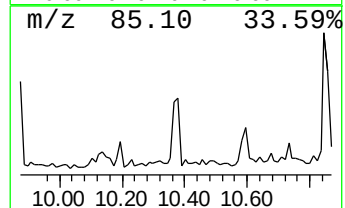
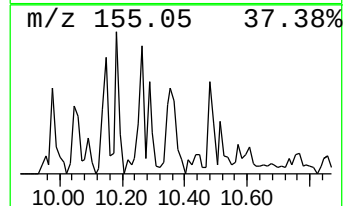
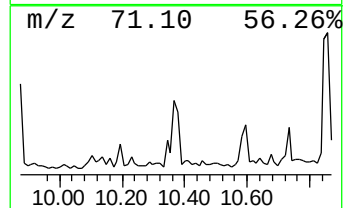
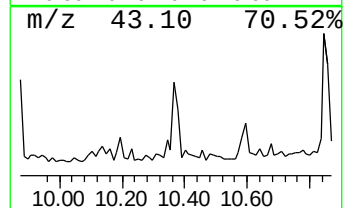
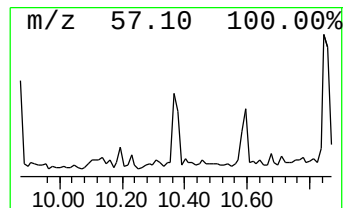
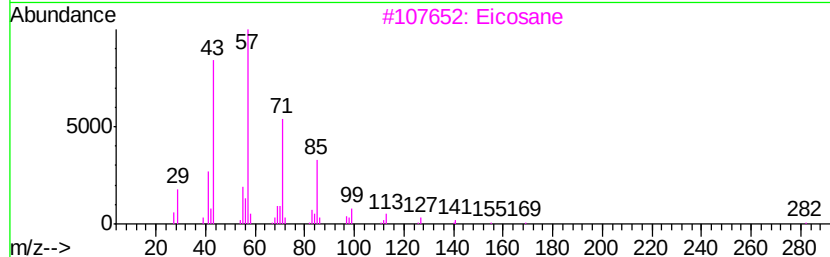
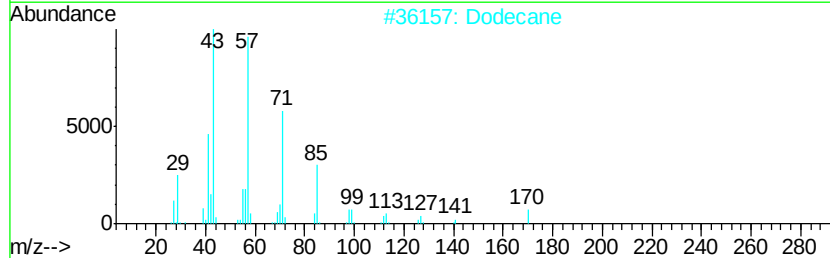
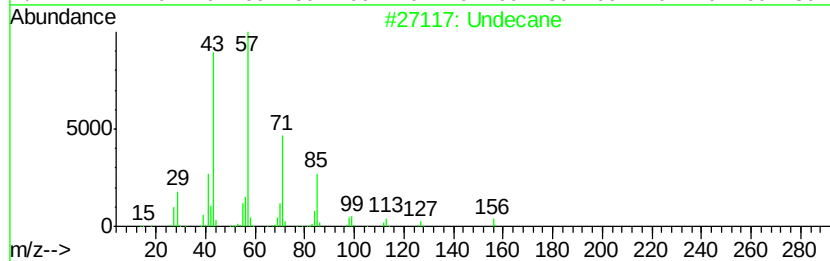
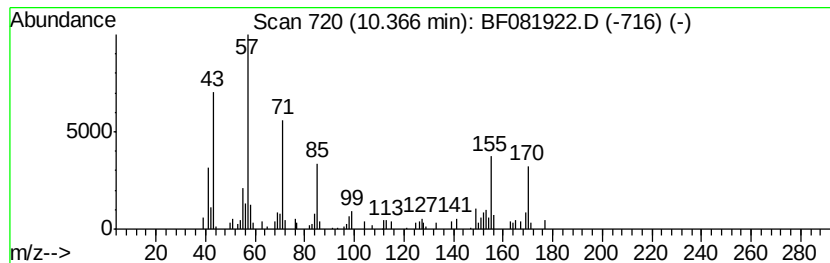
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown10.37 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.37	2.51 ng	119143	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	49
2	Dodecane	170	C12H26	000112-40-3	47
3	Eicosane	282	C20H42	000112-95-8	46
4	Tetradecane	198	C14H30	000629-59-4	46
5	Hexadecane	226	C16H34	000544-76-3	46



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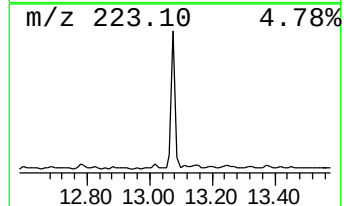
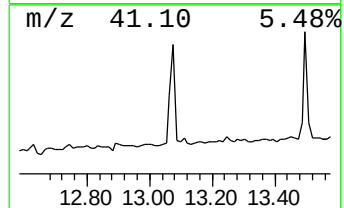
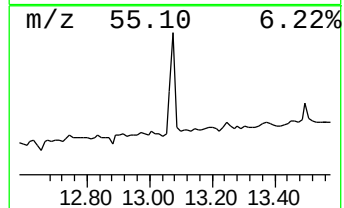
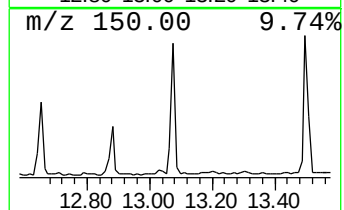
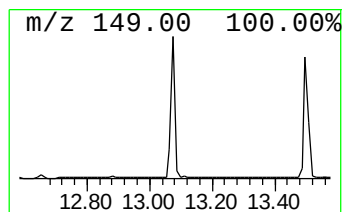
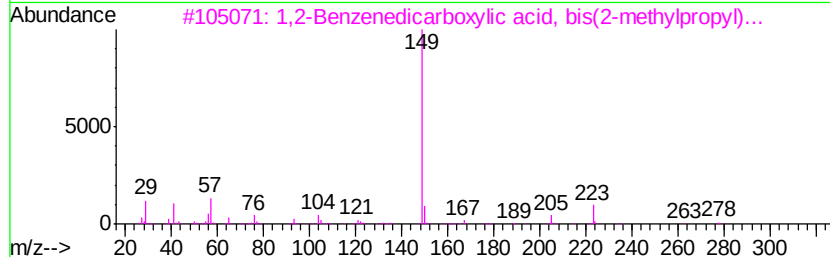
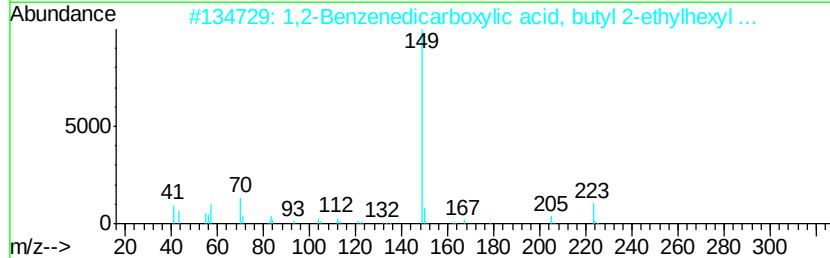
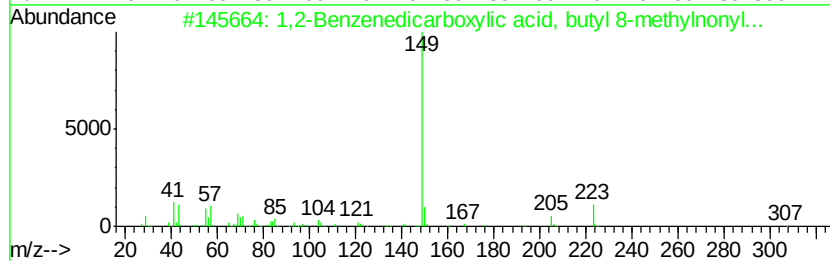
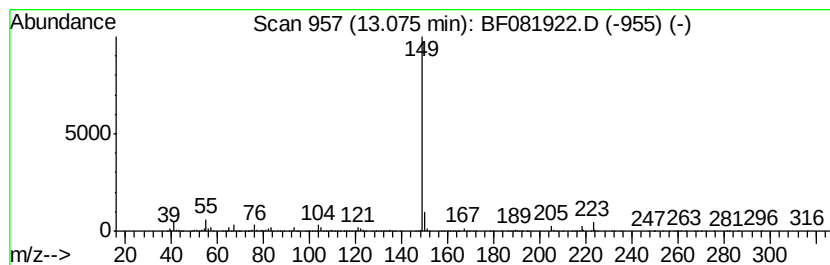
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	5.09 ng	1005110	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
2		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
3		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
4		1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	53
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081922.D
Acq On : 1 Oct 2015 1:23
Operator : UM/IZ
Sample : G3846-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

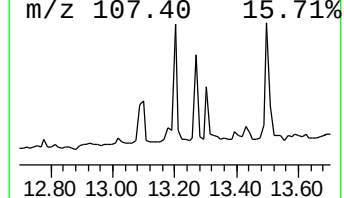
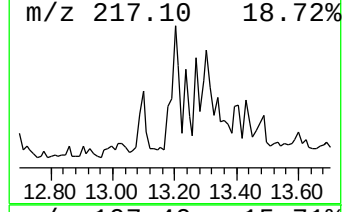
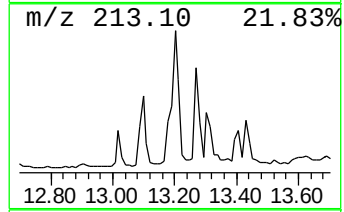
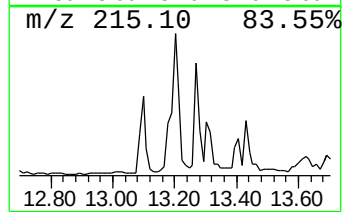
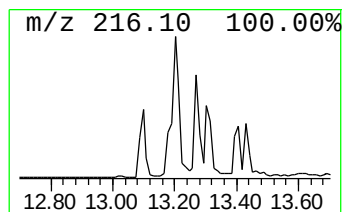
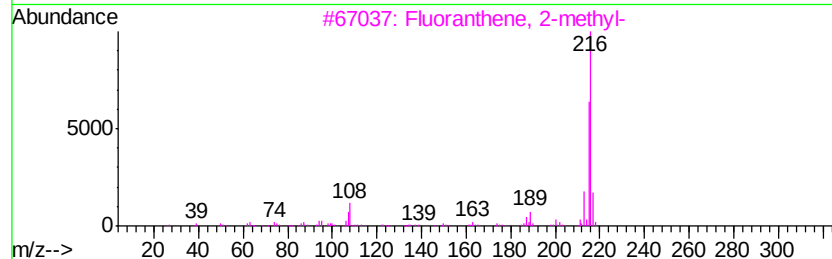
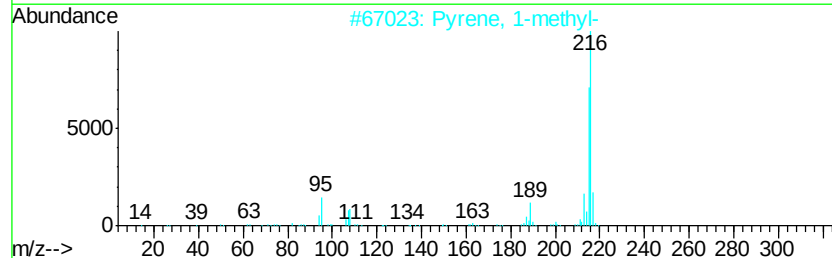
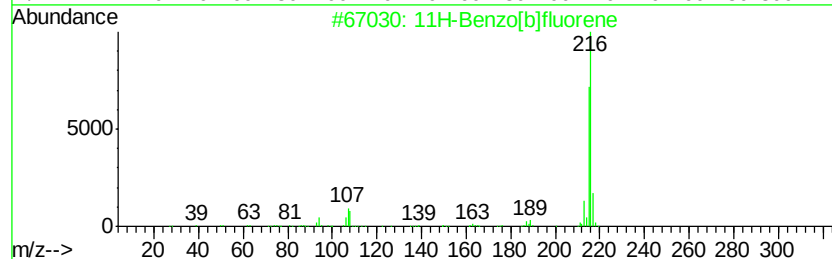
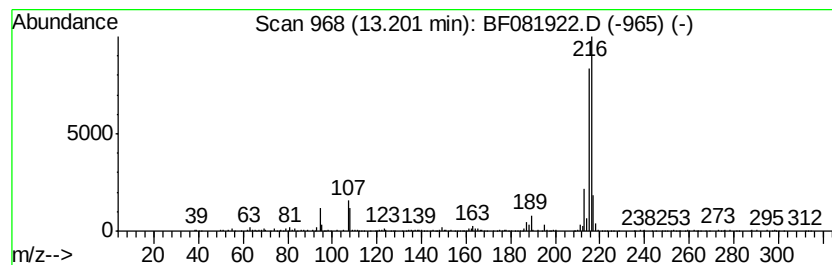
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.15 ng	424388	Chrysene-d12	14.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093015\
Data File : BF081922.D
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Operator : UM/IZ
Sample : G3846-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

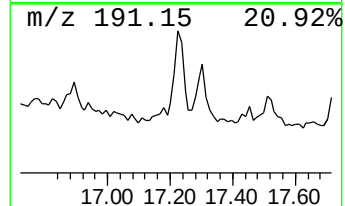
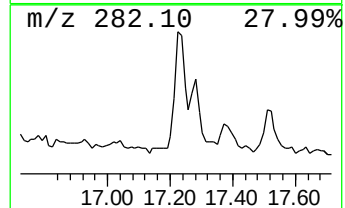
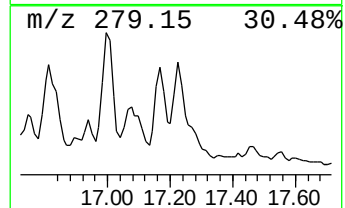
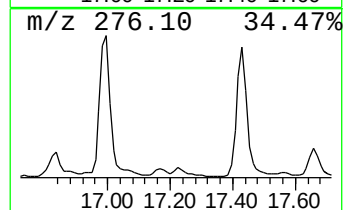
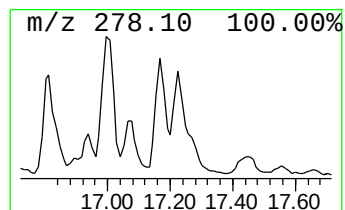
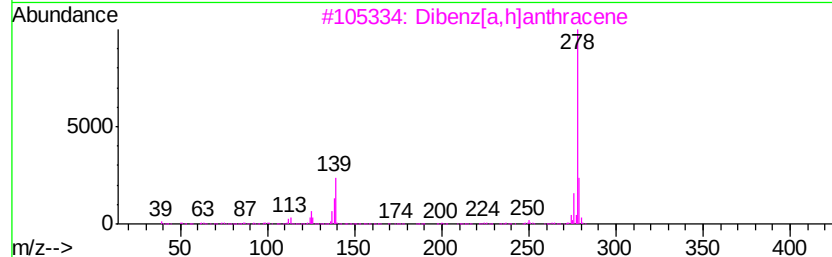
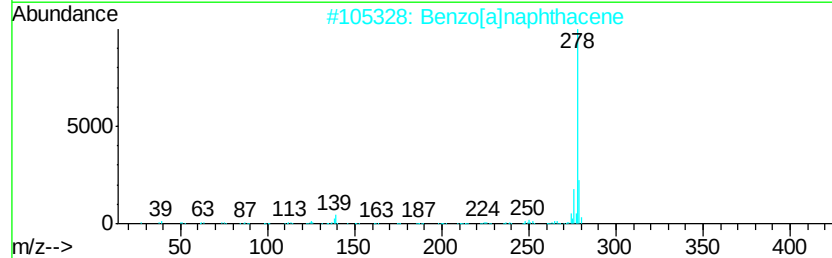
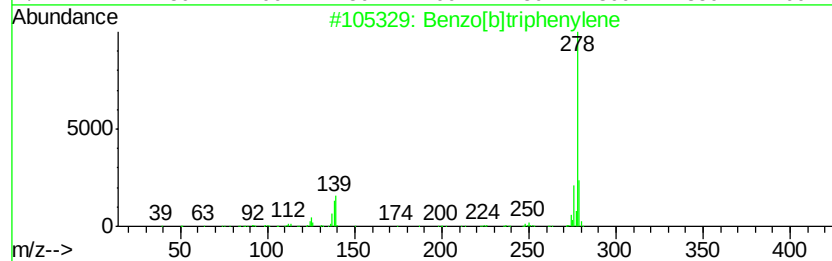
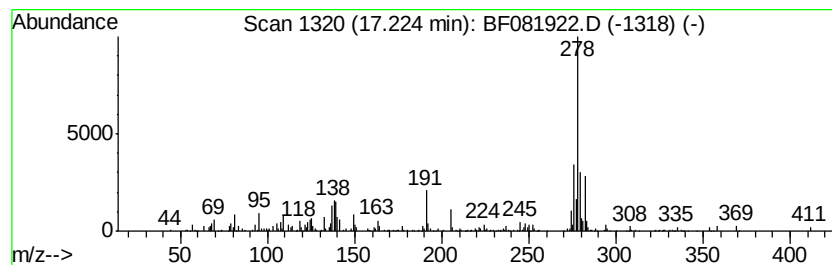
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.87 ng	124169	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	90
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	90
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	78
4		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70
5		Benzo[b]chrysene	278	C22H14	000214-17-5	55



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Sample : G3846-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
009-TB-8(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	14.2	ng	490575	1	6.90	691291	20.0
Phthalic anhydride	8.96	2.3	ng	107072	2	8.19	938168	20.0
unknown10.37	10.37	2.5	ng	119143	3	9.94	948406	20.0
1,2-Benzenedicarb...	13.08	5.1	ng	1005110	5	14.08	3946540	20.0
11H-Benzo[b]fluorene	13.20	2.1	ng	424388	5	14.08	3946540	20.0
Benzo[b]triphenylene	17.22	2.9	ng	124169	6	15.54	864220	20.0