

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086486.D
 Acq On : 29 Apr 2016 2:53
 Operator : UM/SJ
 Sample : H2654-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

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-BF042716.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	4.944	248	250	260	rBV	100658	152012	6.56%	0.613%
2	5.379	285	288	290	rBV	2117160	1999501	86.32%	8.061%
3	6.419	377	379	382	rBV	1649775	2003417	86.48%	8.076%
4	6.556	388	391	393	rBV	2112713	2237268	96.58%	9.019%
5	6.624	395	397	399	rVB2	21219	25118	1.08%	0.101%
6	6.784	409	411	414	rBV	1079808	1006859	43.46%	4.059%
7	6.944	422	425	427	rBV	1910703	1777930	76.75%	7.167%
8	7.356	458	461	463	rBV	1076364	1359234	58.68%	5.479%
9	7.447	467	469	477	rVB	25660	67338	2.91%	0.271%
10	8.076	521	524	526	rBV	1412526	1329375	57.39%	5.359%
11	9.150	616	618	621	rBV	2617597	2316514	100.00%	9.339%
12	9.550	651	653	655	rBV	330849	338828	14.63%	1.366%
13	9.768	670	672	675	rVB	50041	35653	1.54%	0.144%
14	9.825	675	677	680	rBV	1397135	1324464	57.17%	5.339%
15	10.271	711	716	717	rBV3	64109	107526	4.64%	0.433%
16	10.488	732	735	738	rBV	32226	49145	2.12%	0.198%
17	10.613	743	746	748	rBV	1114835	1127721	48.68%	4.546%
18	10.739	755	757	761	rVB	114219	137564	5.94%	0.555%
19	11.185	794	796	797	rBV	72116	54549	2.35%	0.220%
20	11.219	797	799	802	rVB	19596	28315	1.22%	0.114%
21	11.311	805	807	809	rBV	979892	1137047	49.08%	4.584%
22	11.368	811	812	818	rVB2	26483	46535	2.01%	0.188%
23	11.539	825	827	832	rBV	42897	56030	2.42%	0.226%
24	11.608	832	833	837	rVB	45593	40106	1.73%	0.162%
25	11.916	858	860	865	rVB2	18215	31459	1.36%	0.127%
26	12.511	910	912	915	rBV	109369	124542	5.38%	0.502%
27	12.739	928	932	934	rBV	110359	136330	5.89%	0.550%
28	12.888	943	945	948	rBV	1457450	1625126	70.15%	6.551%
29	13.128	963	966	968	rBV3	16376	30430	1.31%	0.123%
30	13.585	1003	1006	1009	rBV3	14003	29238	1.26%	0.118%
31	13.745	1018	1020	1022	rBV3	14340	26150	1.13%	0.105%
32	13.791	1022	1024	1032	rVB2	160060	211159	9.12%	0.851%
33	13.939	1034	1037	1044	rVV	798525	1041100	44.94%	4.197%
34	14.420	1077	1079	1081	rBV2	30865	43722	1.89%	0.176%

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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	14.785	1109	1111	1113	rBV	42656	44880	1.94%	0.181%
36	14.854	1115	1117	1118	rVV	44887	59263	2.56%	0.239%
37	14.945	1122	1125	1129	rVV	59039	128174	5.53%	0.517%
38	15.025	1130	1132	1143	rVV3	47215	194999	8.42%	0.786%
39	15.220	1147	1149	1152	rVV	33097	47282	2.04%	0.191%
40	15.277	1152	1154	1157	rVB	32685	48568	2.10%	0.196%
41	15.345	1157	1160	1167	rBV	516559	870858	37.59%	3.511%
42	15.574	1177	1180	1181	rBV	26166	38373	1.66%	0.155%
43	15.780	1196	1198	1201	rBV	85002	150373	6.49%	0.606%
44	16.511	1260	1262	1269	rVB3	30314	62527	2.70%	0.252%
45	16.740	1278	1282	1285	rBV	432285	882548	38.10%	3.558%
46	18.020	1390	1394	1401	rBV3	74915	220855	9.53%	0.890%

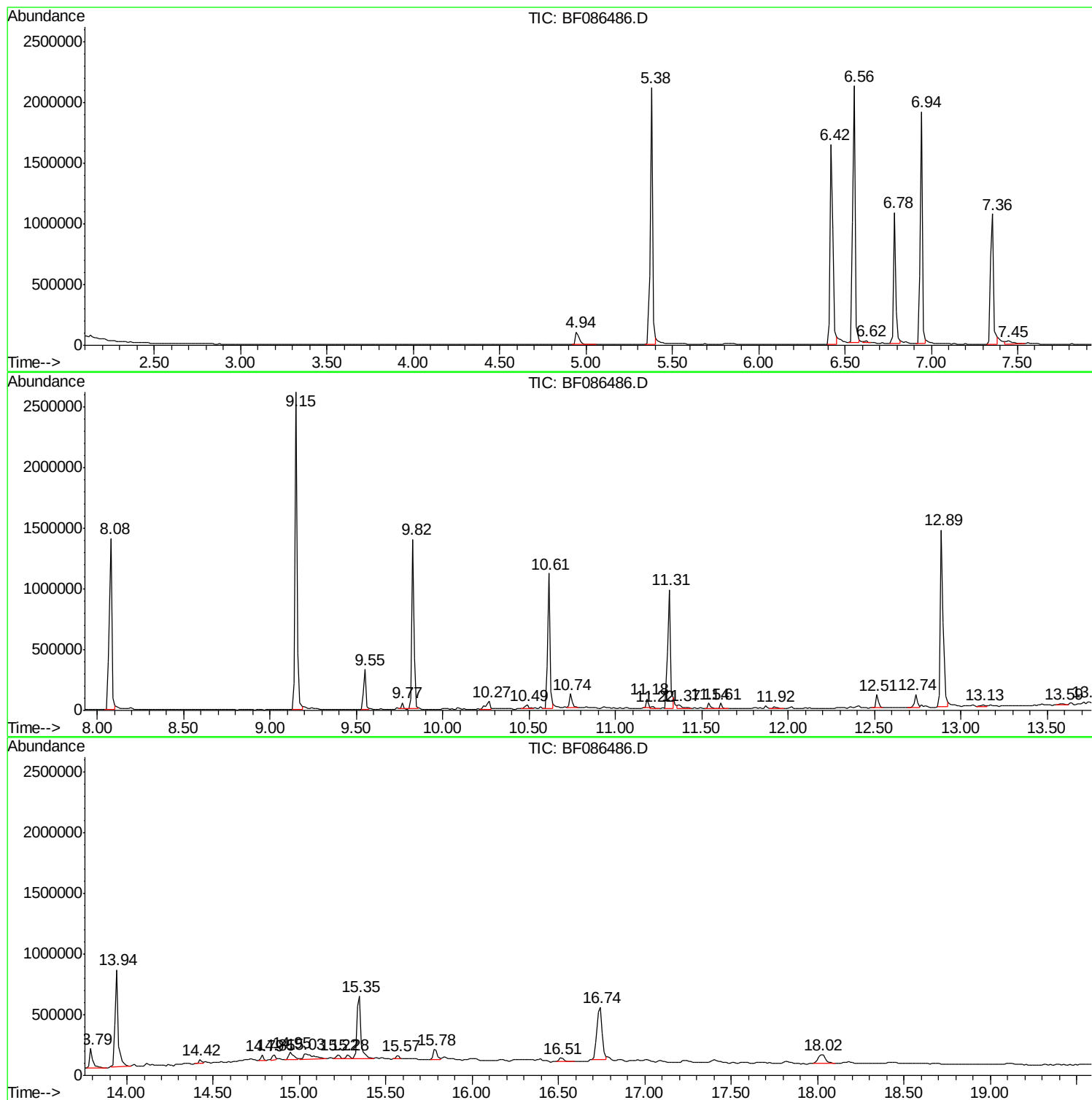
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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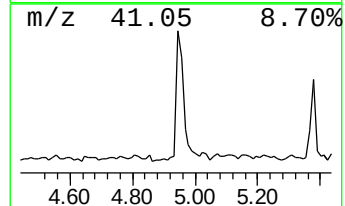
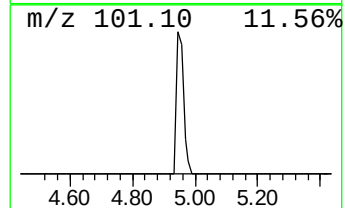
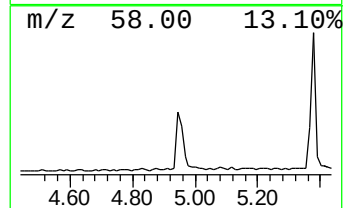
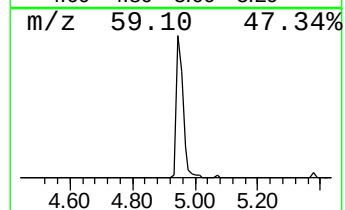
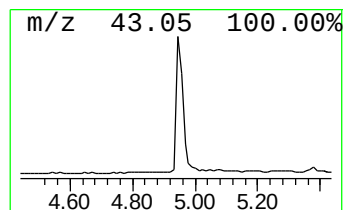
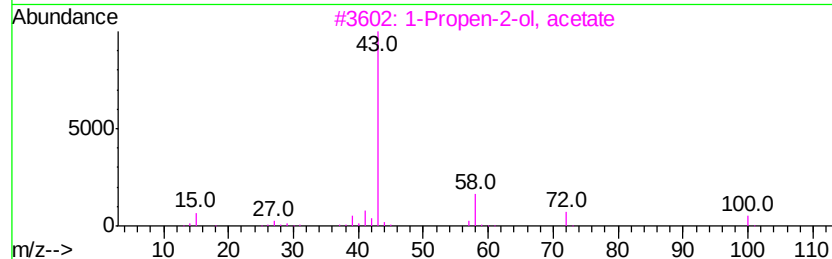
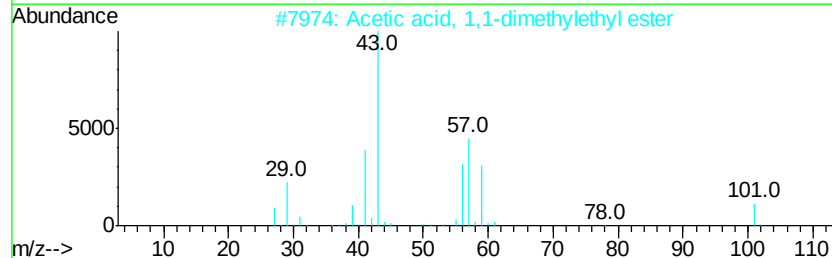
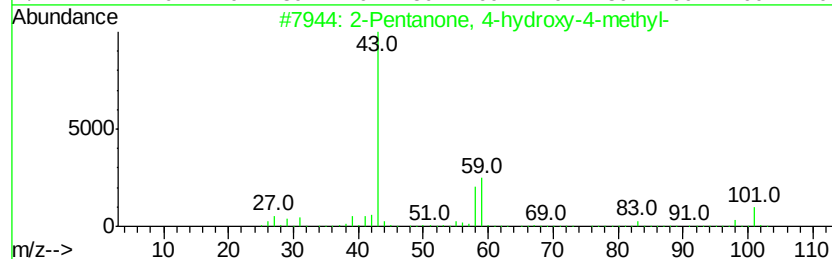
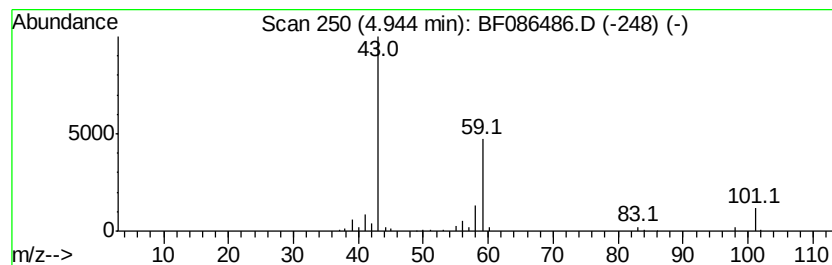
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	3.02 ng	152012	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		Butane	58	C4H10	000106-97-8	9



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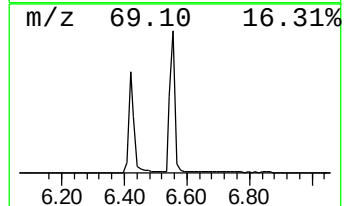
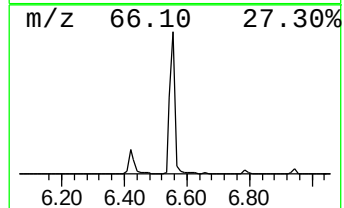
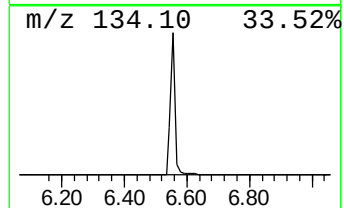
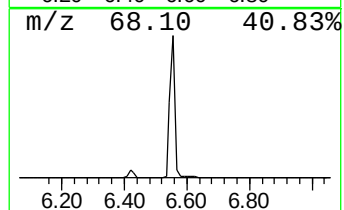
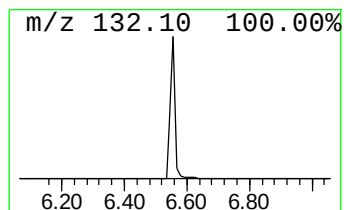
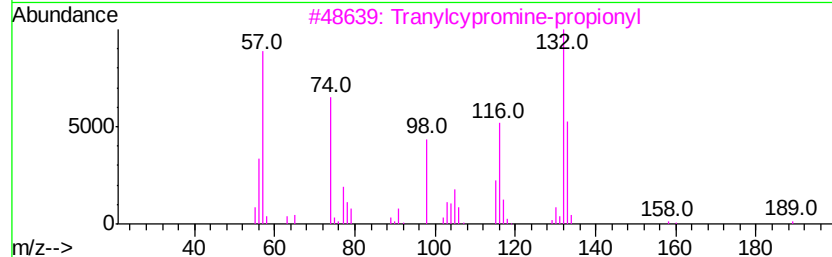
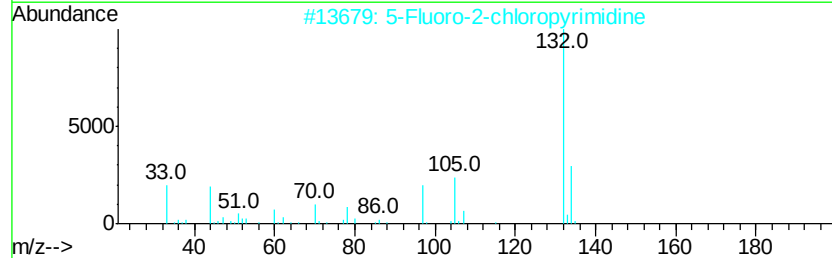
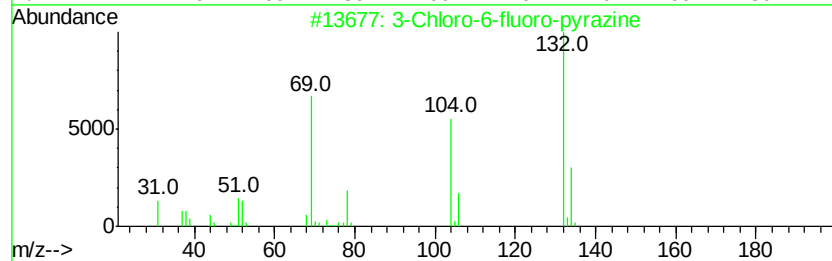
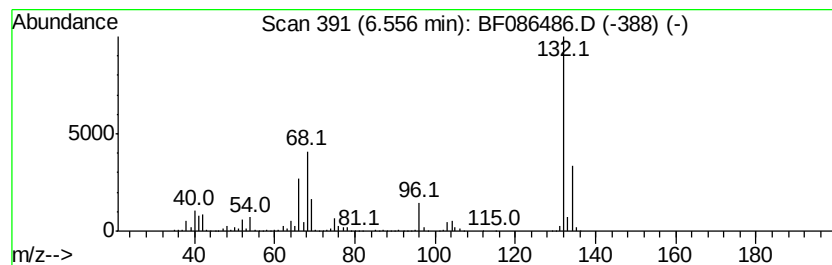
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Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	44.44 ng	2237270	1,4-Dichlorobenzene-d4	6.78

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		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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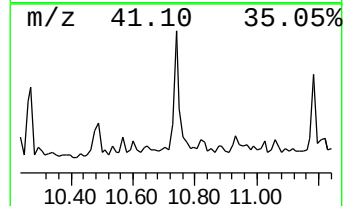
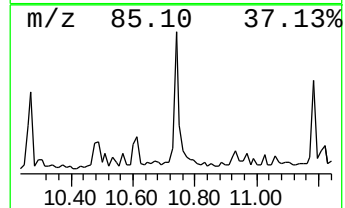
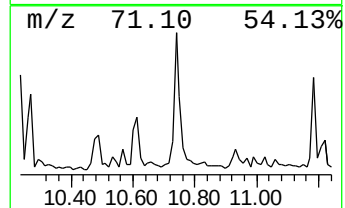
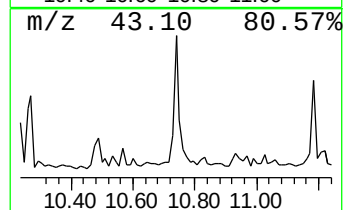
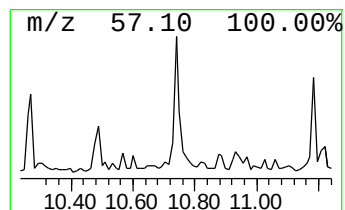
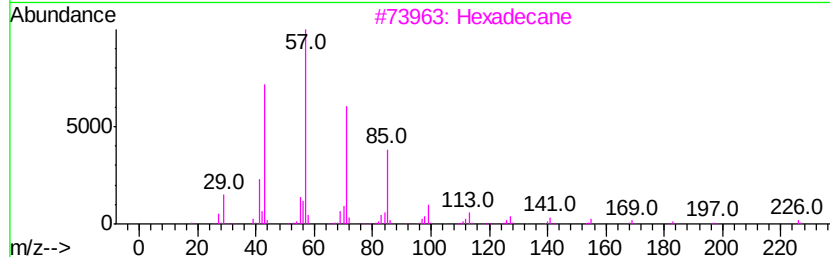
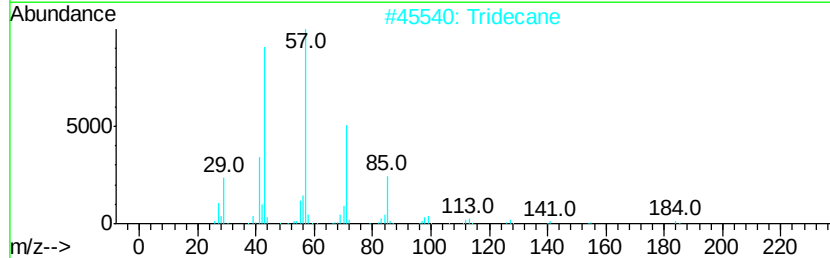
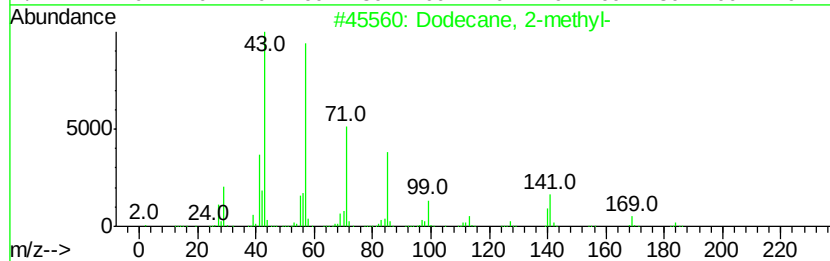
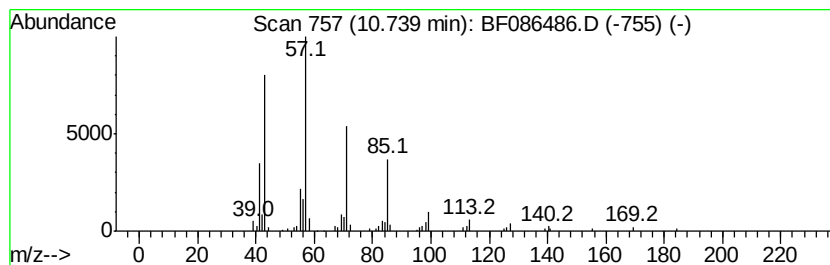
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.42 ng	137564	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-		184	C13H28	001560-97-0	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Tetradecane		198	C14H30	000629-59-4	86



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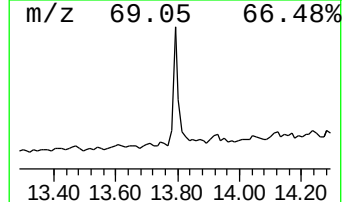
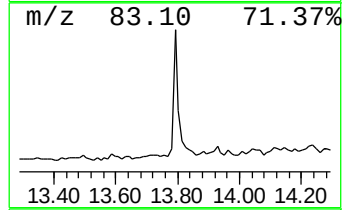
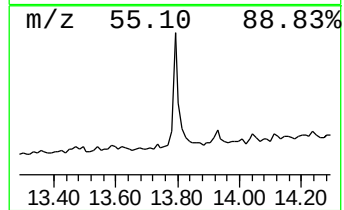
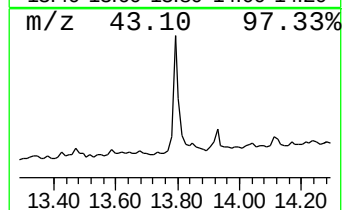
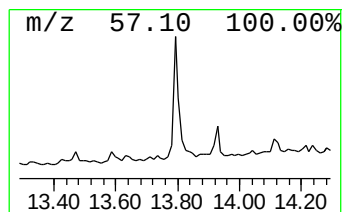
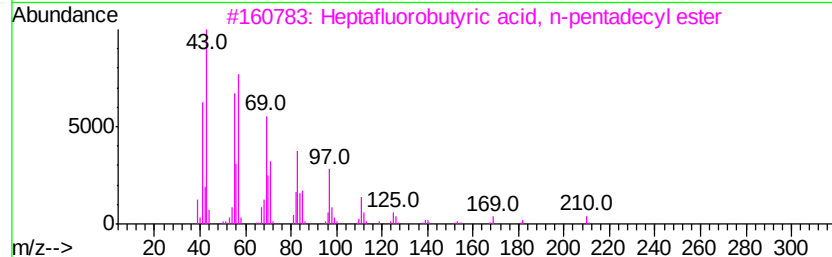
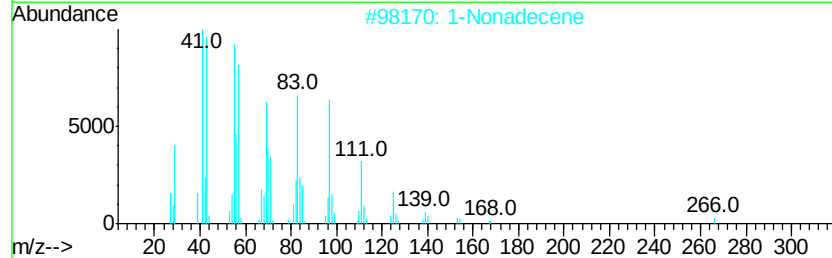
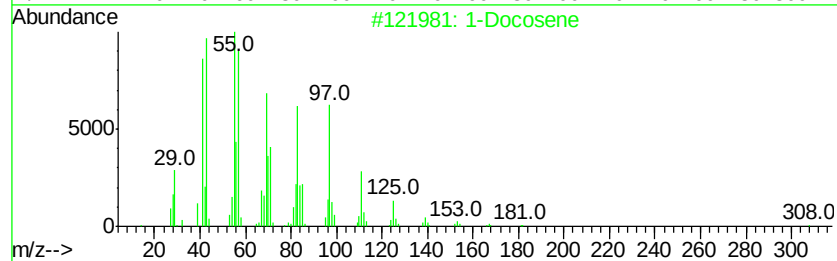
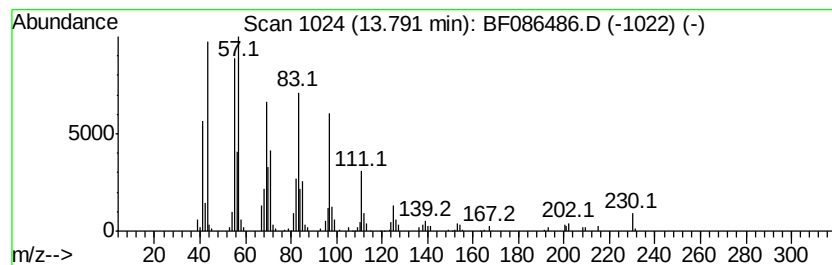
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	4.06 ng	211159	Chrysene-d12	13.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91



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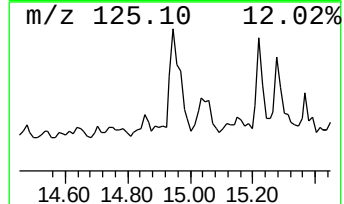
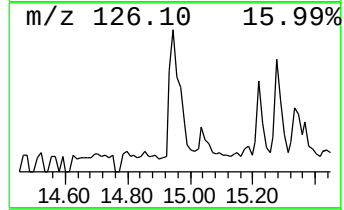
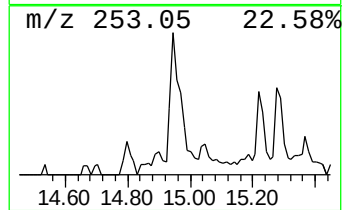
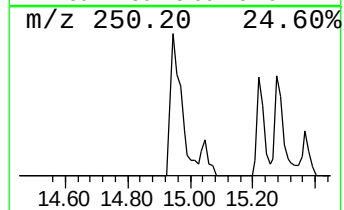
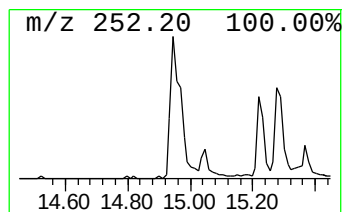
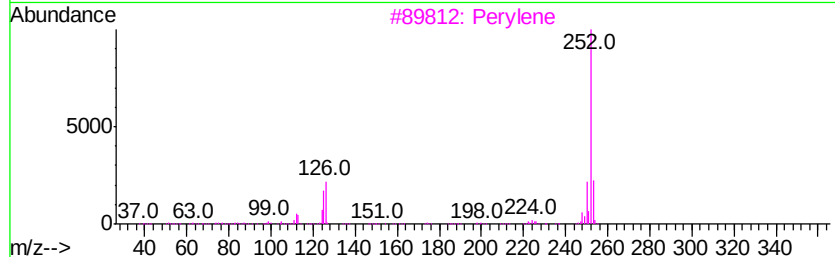
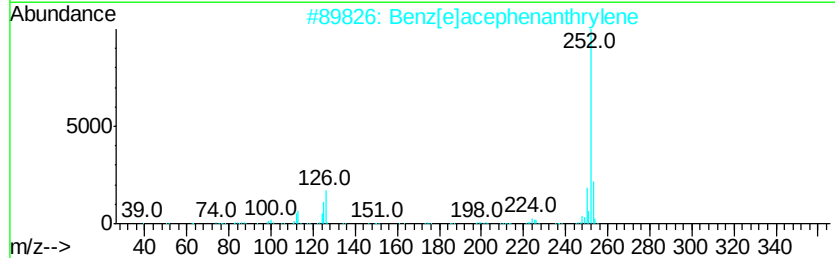
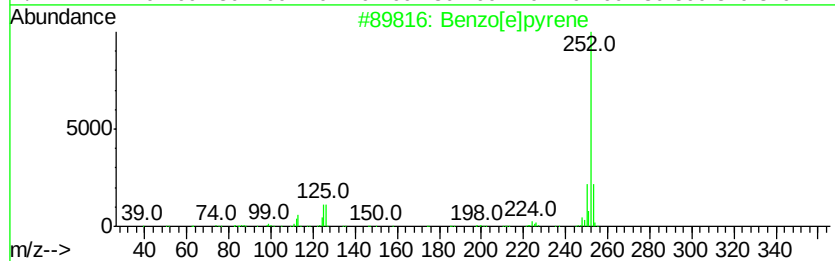
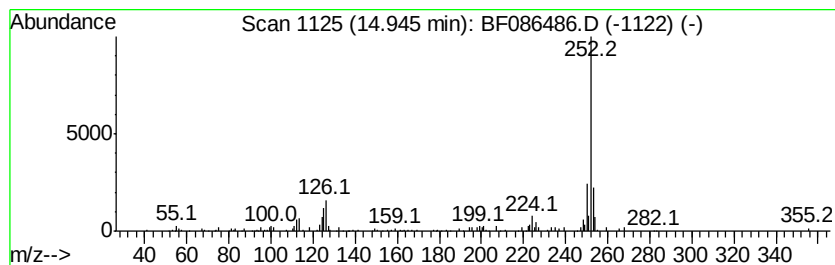
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.94 ng	128174	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 94
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 94
3		Perylene	252 C20H12	000198-55-0 94
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 92
5		Benzo[a]pyrene	252 C20H12	000050-32-8 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042816\
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Acq On : 29 Apr 2016 2:53
Operator : UM/SJ
Sample : H2654-15
Misc :
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Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

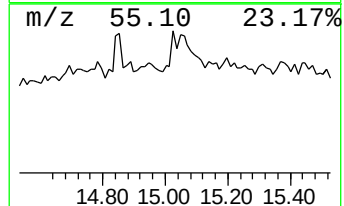
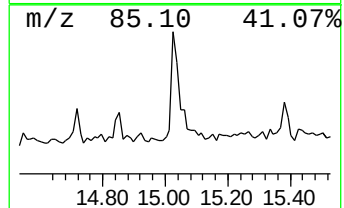
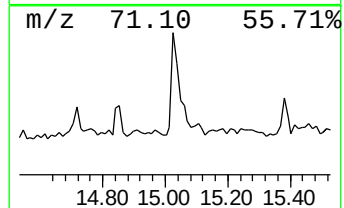
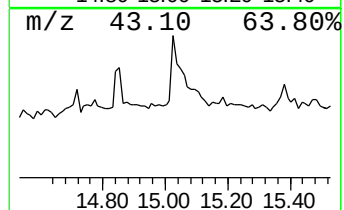
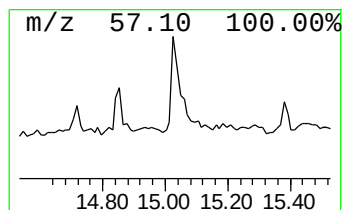
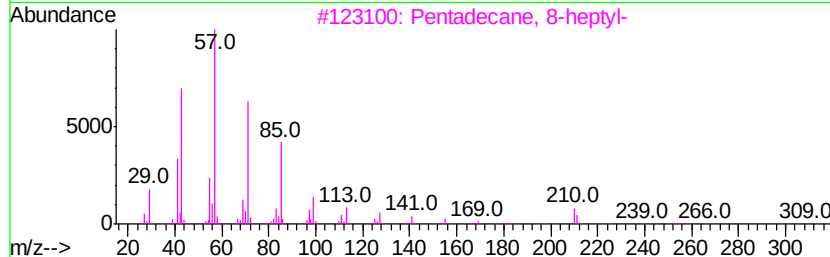
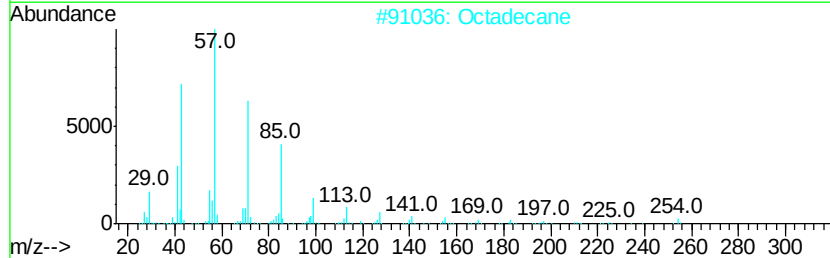
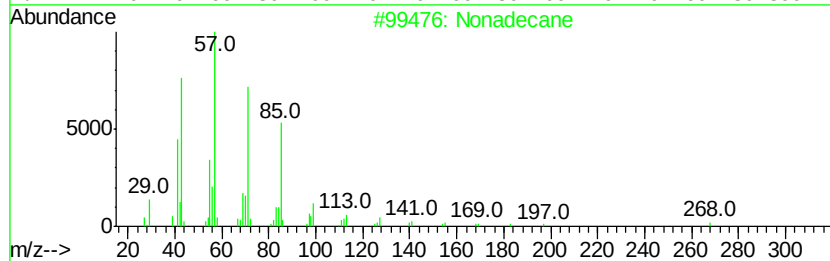
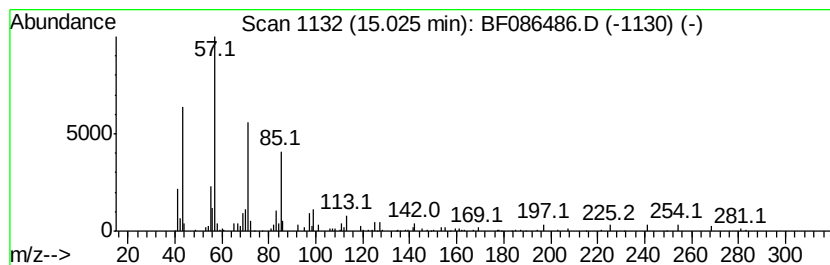
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.48 ng	194999	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Octadecane	254	C18H38	000593-45-3	81
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



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Data File : BF086486.D
Acq On : 29 Apr 2016 2:53
Operator : UM/SJ
Sample : H2654-15
Misc :
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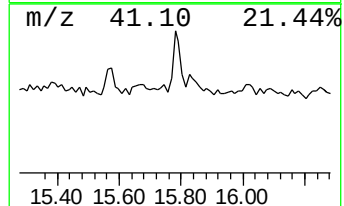
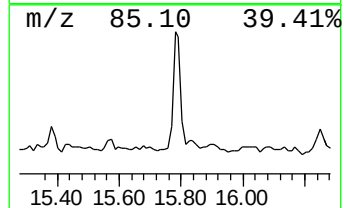
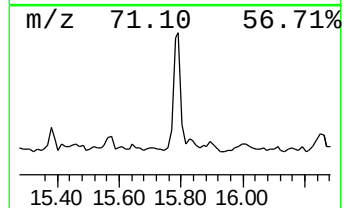
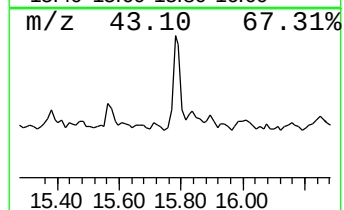
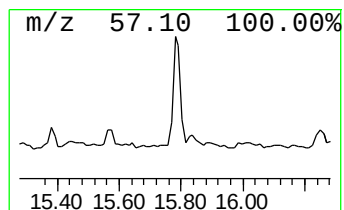
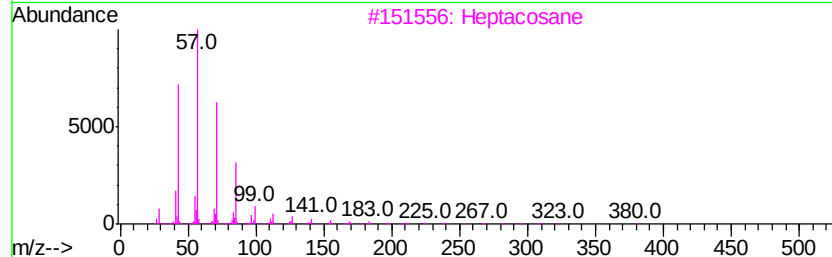
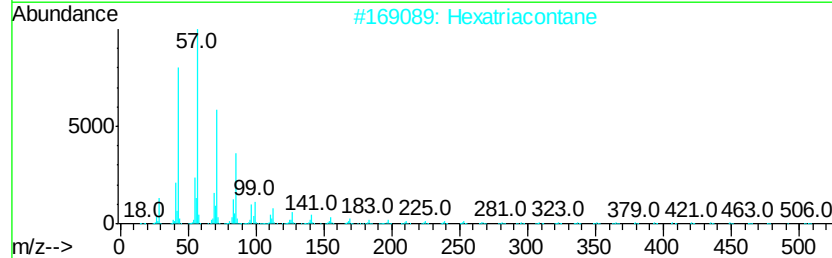
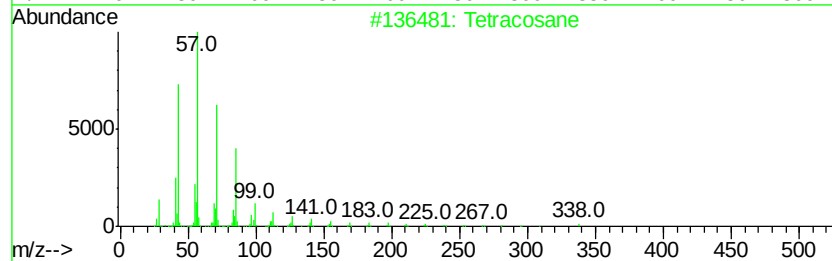
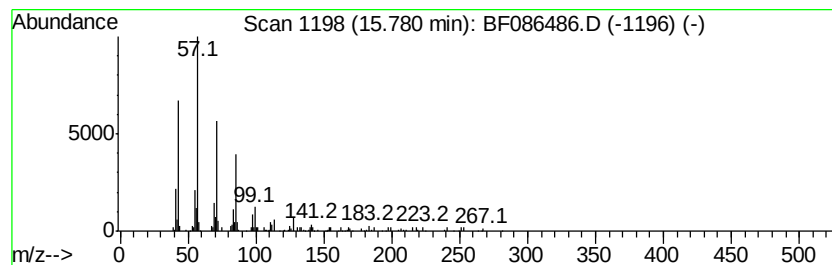
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	3.45 ng	150373	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042816\
Data File : BF086486.D
Acq On : 29 Apr 2016 2:53
Operator : UM/SJ
Sample : H2654-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

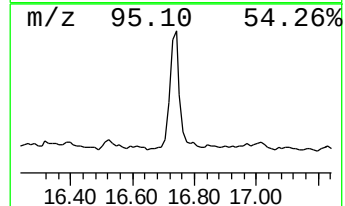
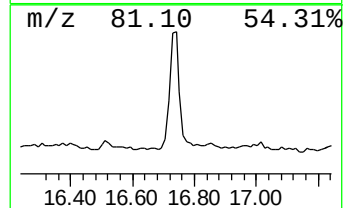
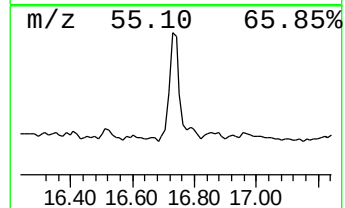
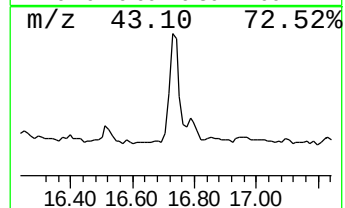
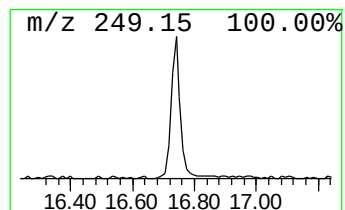
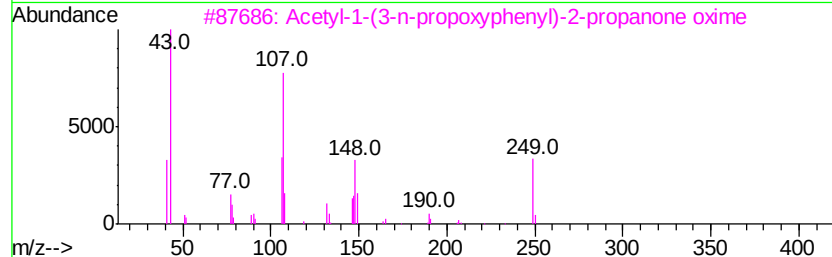
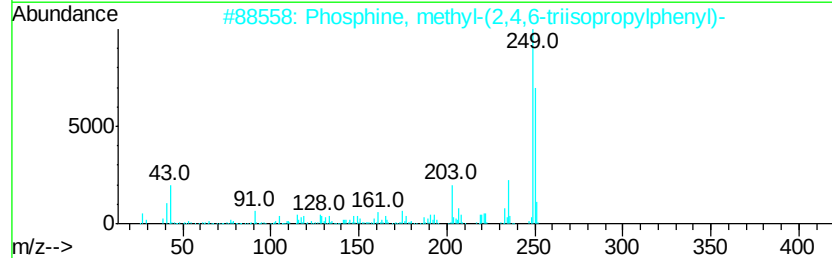
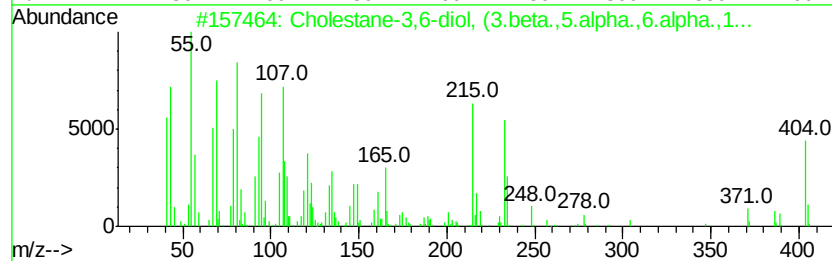
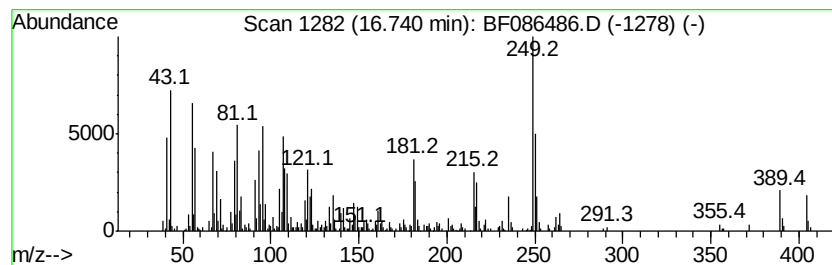
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cholestane-3,6-diol, (3.beta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.74	20.27 ng	882548	Perylene-d12	15.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestane-3,6-diol, (3.beta.,5....	404	C27H48O2	041083-77-6	51
2		Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	43
3		Acetyl-1-(3-n-propoxyphenyl)-2-p...	249	C14H19NO3	1000122-90-2	35
4		Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FN04	189214-56-0	35
5		Bicyclo[10.4.0]hexadecane, 14,15...	278	C20H38	1000155-81-5	32



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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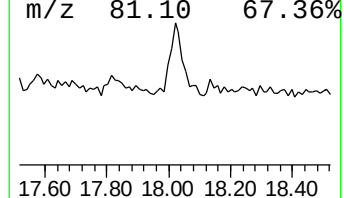
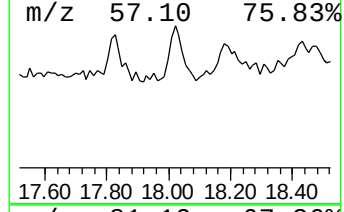
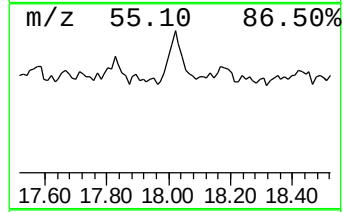
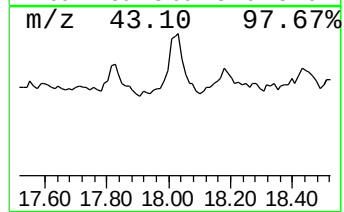
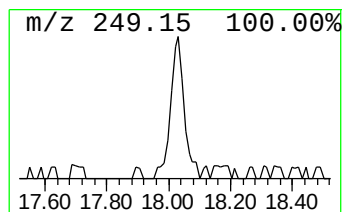
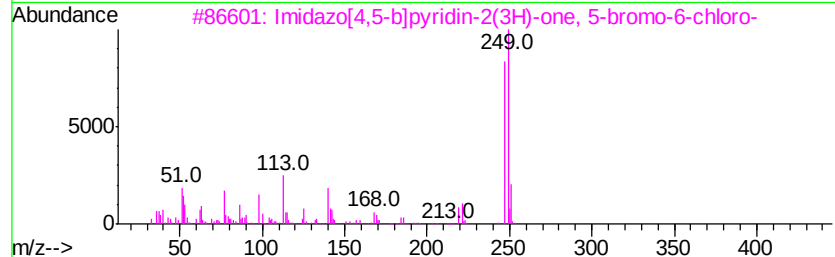
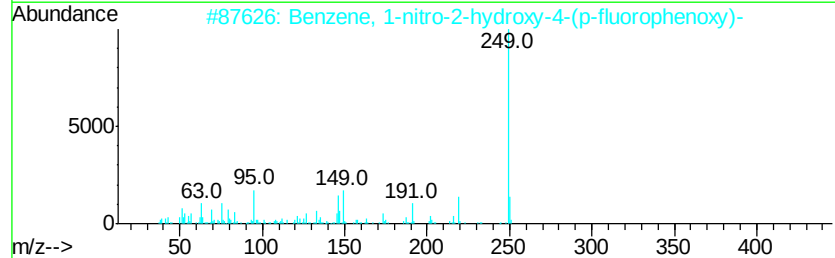
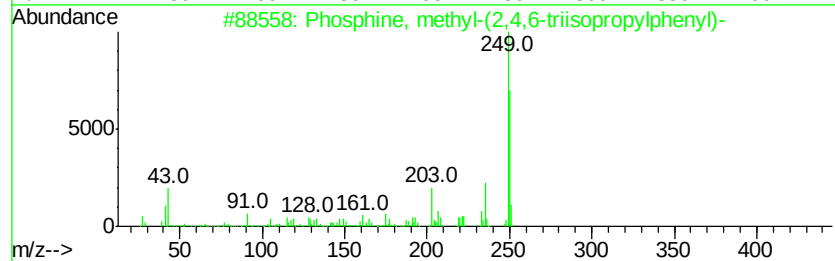
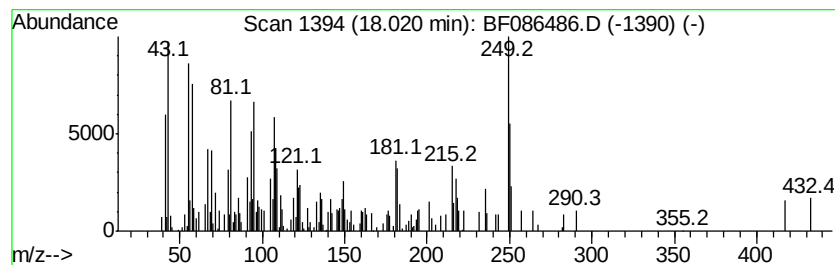
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown18.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.07 ng	220855	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphine, methyl-(2,4,6-triisopropylphenyl)-	250	C16H27P	158748-69-7	43
2		Benzene, 1-nitro-2-hydroxy-4-(p-fluorophenyl)-	249	C12H8FN04	189214-56-0	41
3		Imidazo[4,5-b]pyridin-2(3H)-one, 5-bromo-6-chloro-	247	C6H3BrClN3O	312928-78-2	22
4		2,4,6(1H,3H,5H)-Pyrimidinetrione	264	C14H20N2O3	055044-42-3	16
5		7H-Benzo(c)phenothiazine	249	C16H11NS	000226-06-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042816\
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Sample : H2654-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.94	3.0	ng	152012	1	6.78	1006860	20.0
unknown6.56	6.56	44.4	ng	2237270	1	6.78	1006860	20.0
Dodecane, 2-methyl-	10.74	2.4	ng	137564	4	11.31	1137050	20.0
1-Docosene	13.79	4.1	ng	211159	5	13.94	1041100	20.0
Benzo[e]pyrene	14.95	2.9	ng	128174	6	15.35	870858	20.0
Nonadecane	15.03	4.5	ng	194999	6	15.35	870858	20.0
Tetracosane	15.78	3.5	ng	150373	6	15.35	870858	20.0
Cholestane-3,6-di...	16.74	20.3	ng	882548	6	15.35	870858	20.0
unknown18.02	18.02	5.1	ng	220855	6	15.35	870858	20.0