

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090599.D
 Acq On : 15 Oct 2016 10:44
 Operator : UM/SJ
 Sample : H5228-02 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

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-BF101316.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	5.091	239	241	248	rBV	199701	264946	11.69%	1.110%
2	5.514	276	278	291	rBV	704259	817736	36.09%	3.426%
3	6.543	366	368	378	rBV	703644	948132	41.85%	3.972%
4	6.680	378	380	393	rVB	915675	1053928	46.51%	4.416%
5	6.920	399	401	408	rBV	988429	1160833	51.23%	4.864%
6	7.069	412	414	422	rVV	661759	795066	35.09%	3.331%
7	7.194	422	425	427	rVB2	23626	39204	1.73%	0.164%
8	7.309	434	435	437	rBV	17364	25053	1.11%	0.105%
9	7.480	445	450	455	rBV	334171	521280	23.01%	2.184%
10	7.572	455	458	460	rVV3	39931	83134	3.67%	0.348%
11	7.617	460	462	466	rVV4	15436	34743	1.53%	0.146%
12	7.697	466	469	470	rVV3	15703	31483	1.39%	0.132%
13	7.732	470	472	473	rVB	34453	32651	1.44%	0.137%
14	7.823	476	480	481	rBV3	14454	34346	1.52%	0.144%
15	7.846	481	482	484	rVB2	54078	47810	2.11%	0.200%
16	7.972	487	493	496	rVB7	11423	35460	1.57%	0.149%
17	8.074	500	502	504	rBV2	18065	26862	1.19%	0.113%
18	8.154	507	509	511	rBV3	13511	29167	1.29%	0.122%
19	8.200	511	513	516	rBV	1130144	1518890	67.04%	6.364%
20	8.269	517	519	520	rVB	54015	60262	2.66%	0.252%
21	8.417	530	532	535	rBV3	17656	28408	1.25%	0.119%
22	8.497	536	539	541	rVB2	37613	50967	2.25%	0.214%
23	8.589	545	547	549	rVB2	26660	32586	1.44%	0.137%
24	8.634	549	551	553	rBV2	74910	126343	5.58%	0.529%
25	8.669	553	554	556	rVB2	46648	39942	1.76%	0.167%
26	8.749	559	561	564	rBV3	25280	44703	1.97%	0.187%
27	8.897	572	574	577	rVB3	45764	56743	2.50%	0.238%
28	8.955	577	579	580	rVB2	37779	32250	1.42%	0.135%
29	8.989	580	582	583	rBV2	18114	29755	1.31%	0.125%
30	9.012	583	584	589	rVB4	29465	58985	2.60%	0.247%
31	9.092	589	591	592	rBV2	19262	31854	1.41%	0.133%
32	9.115	592	593	595	rVB2	28897	25727	1.14%	0.108%
33	9.160	595	597	599	rBV3	16356	32663	1.44%	0.137%
34	9.206	599	601	602	rBV2	27404	39000	1.72%	0.163%

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35	9.229	602	603	605	rVB	106761	83040	3.66%	0.348%
36	9.286	605	608	610	rBV	621932	895692	39.53%	3.753%
37	9.366	613	615	617	rVV2	76414	101555	4.48%	0.425%
38	9.549	629	631	635	rBV2	22056	35433	1.56%	0.148%
39	9.617	635	637	640	rVV	87676	98517	4.35%	0.413%
40	9.675	640	642	645	rVV2	520375	550748	24.31%	2.307%
41	9.732	645	647	650	rVV2	53385	67740	2.99%	0.284%
42	9.823	653	655	657	rBV2	120538	161531	7.13%	0.677%
43	9.869	657	659	661	rVV	114417	167009	7.37%	0.700%
44	9.960	665	667	669	rVV	1785458	1566695	69.15%	6.564%
45	9.995	669	670	675	rVB2	91229	136311	6.02%	0.571%
46	10.075	675	677	679	rVB	30280	40221	1.78%	0.169%
47	10.166	683	685	686	rBV2	53870	65354	2.88%	0.274%
48	10.200	686	688	693	rVB2	44786	101614	4.48%	0.426%
49	10.280	693	695	698	rBV2	63613	123328	5.44%	0.517%
50	10.338	698	700	701	rVB	27074	30136	1.33%	0.126%
51	10.372	701	703	706	rVB2	93838	119938	5.29%	0.503%
52	10.418	706	707	709	rBV2	17623	24078	1.06%	0.101%
53	10.509	713	715	718	rVB4	26339	31338	1.38%	0.131%
54	10.612	722	724	726	rVB2	41851	62570	2.76%	0.262%
55	10.669	726	729	731	rVB4	20970	40755	1.80%	0.171%
56	10.749	733	736	742	rVB	368116	459714	20.29%	1.926%
57	10.875	745	747	751	rVB	99721	152726	6.74%	0.640%
58	10.955	751	754	756	rBV4	31947	63541	2.80%	0.266%
59	11.058	761	763	764	rBV2	22740	27541	1.22%	0.115%
60	11.092	764	766	770	rVB4	22437	36908	1.63%	0.155%
61	11.195	772	775	779	rVB5	23666	60987	2.69%	0.256%
62	11.252	779	780	782	rBV2	26210	32436	1.43%	0.136%
63	11.320	782	786	787	rBV2	13695	29905	1.32%	0.125%
64	11.343	787	788	792	rVB	55055	65332	2.88%	0.274%
65	11.446	795	797	803	rBV2	963655	1494738	65.97%	6.263%
66	11.526	803	804	805	rVB	37086	25456	1.12%	0.107%
67	11.675	815	817	822	rBV4	25738	63972	2.82%	0.268%
68	11.789	824	827	830	rVB5	14434	34878	1.54%	0.146%
69	11.949	839	841	842	rBV	40624	40500	1.79%	0.170%
70	11.983	842	844	847	rVV2	36358	67006	2.96%	0.281%
71	12.063	849	851	855	rVB2	87117	126962	5.60%	0.532%

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72	12.269	865	869	872	rBV2	29342	63729	2.81%	0.267%
73	12.429	881	883	886	rVB2	22217	28799	1.27%	0.121%
74	12.498	887	889	891	rBV	52097	66700	2.94%	0.279%
75	12.532	891	892	895	rVB3	28759	46289	2.04%	0.194%
76	12.589	895	897	901	rBV2	31721	62059	2.74%	0.260%
77	12.658	901	903	906	rBV	631571	736176	32.49%	3.084%
78	12.886	920	923	927	rBV	619863	825884	36.45%	3.460%
79	13.035	933	936	940	rBV	566733	644490	28.44%	2.700%
80	13.115	940	943	946	rVB2	33684	63402	2.80%	0.266%
81	13.218	948	952	954	rBV2	60353	103795	4.58%	0.435%
82	13.286	956	958	959	rVB	30979	25562	1.13%	0.107%
83	13.321	959	961	965	rBV2	66054	106312	4.69%	0.445%
84	13.446	971	972	974	rBV	35013	34178	1.51%	0.143%
85	13.515	976	978	981	rVB	65058	91065	4.02%	0.382%
86	13.732	994	997	999	rBV2	56005	103205	4.55%	0.432%
87	13.846	1004	1007	1008	rBV2	61856	133625	5.90%	0.560%
88	13.938	1013	1015	1018	rVB2	70687	109681	4.84%	0.460%
89	14.086	1025	1028	1036	rBV2	1000908	2265783	100.00%	9.493%
90	15.127	1117	1119	1124	rBV	341478	731173	32.27%	3.063%
91	15.424	1143	1145	1149	rVB	184495	306226	13.52%	1.283%
92	15.492	1149	1151	1154	rBV	226438	398738	17.60%	1.671%
93	15.561	1154	1157	1168	rVB	608929	1317008	58.13%	5.518%
94	17.001	1281	1283	1288	rVB2	67738	126941	5.60%	0.532%

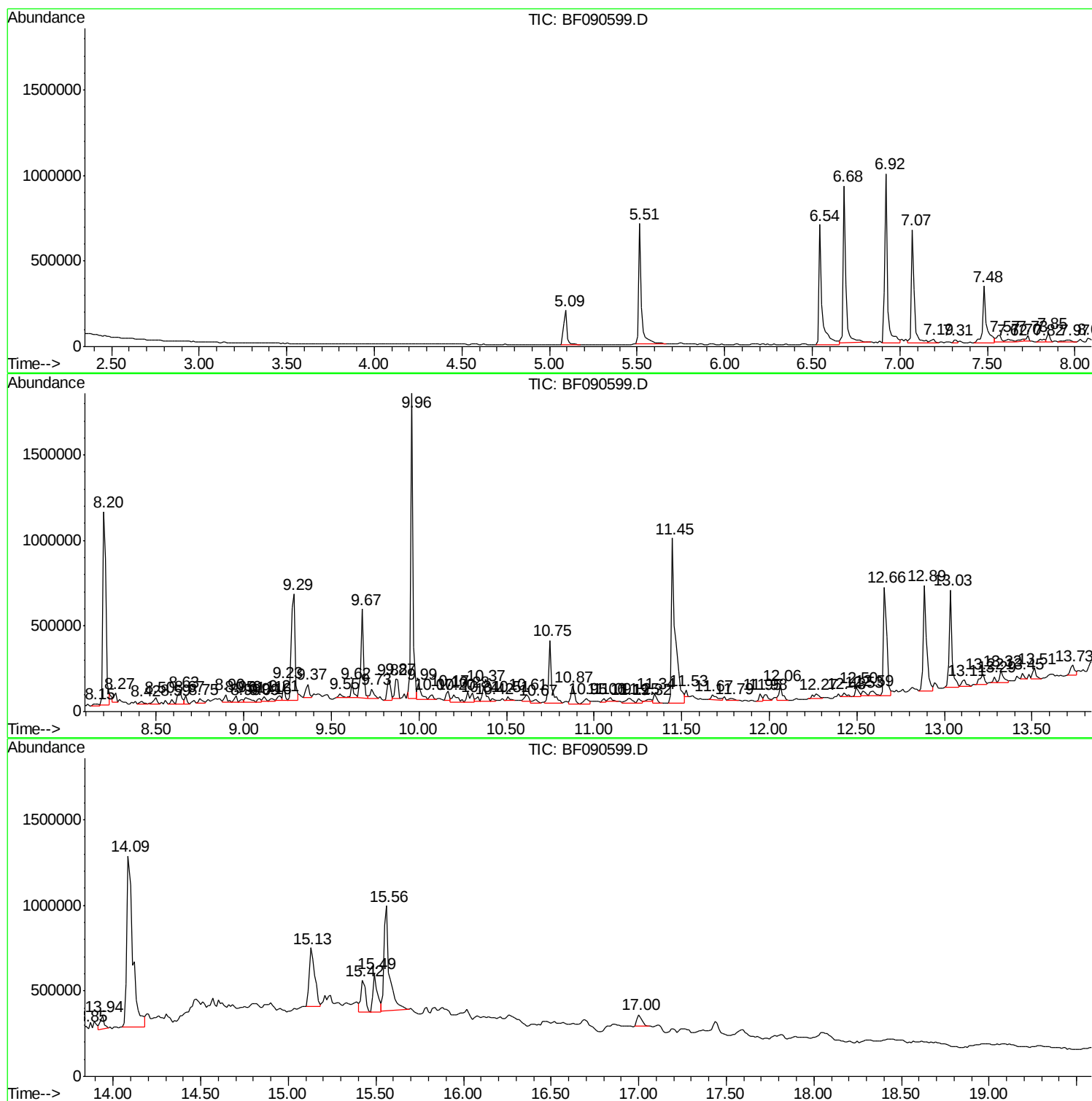
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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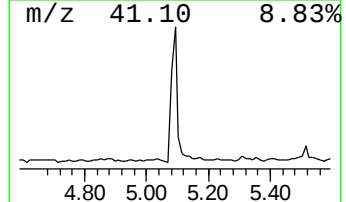
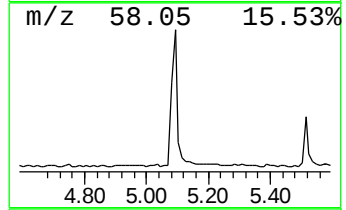
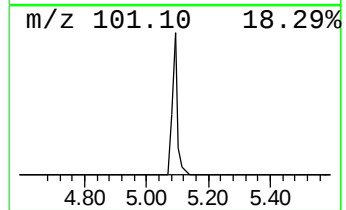
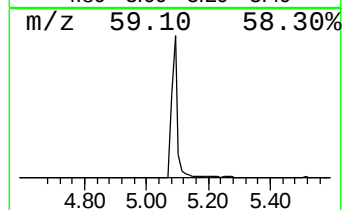
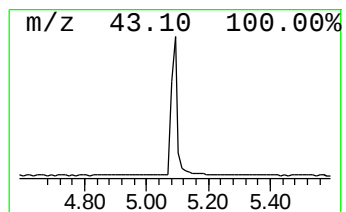
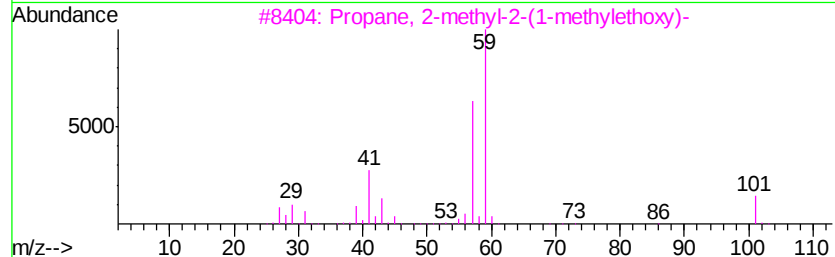
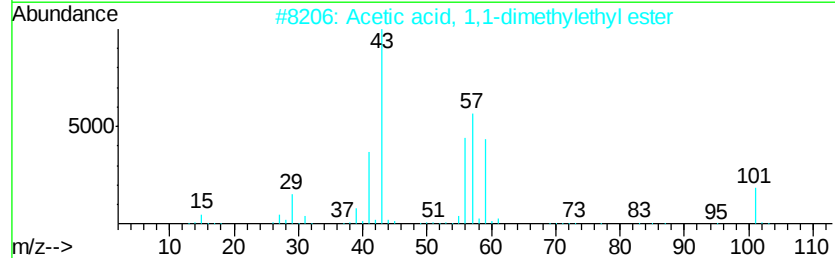
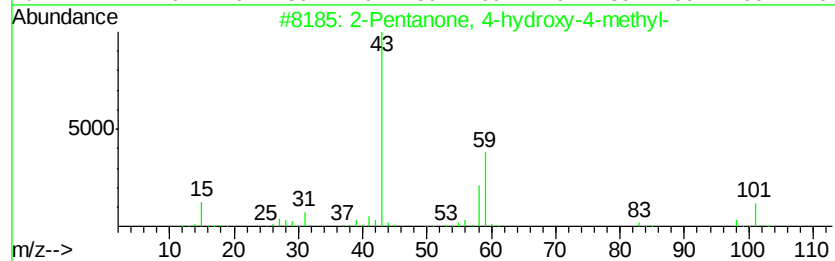
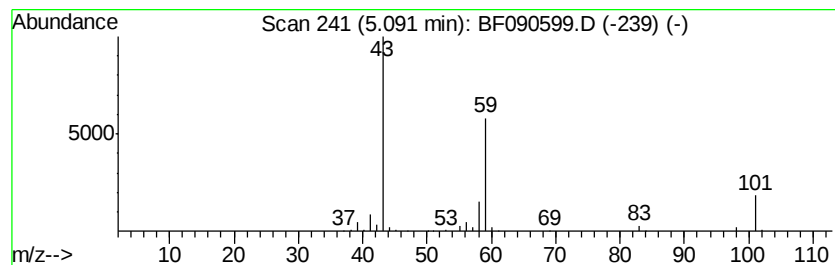
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
5.09	4.56 ng	264946	1,4-Dichlorobenzene-d4	6.92

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	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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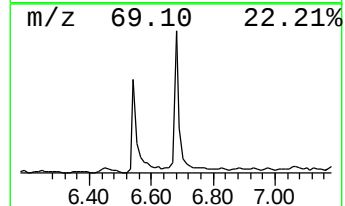
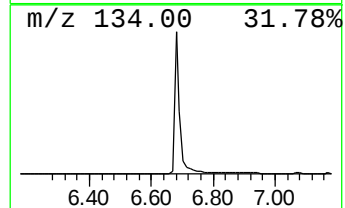
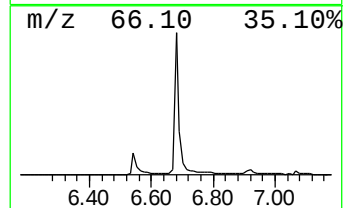
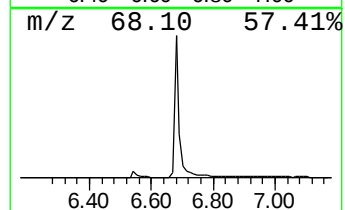
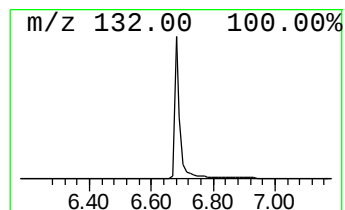
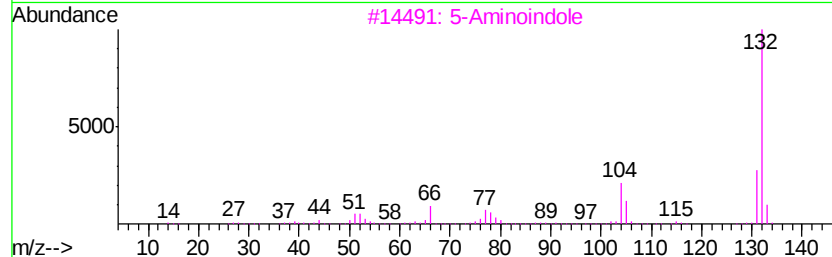
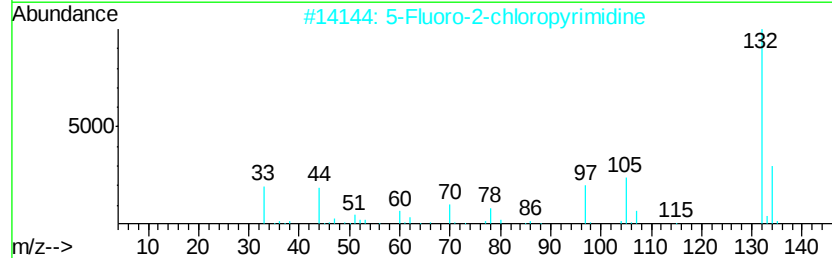
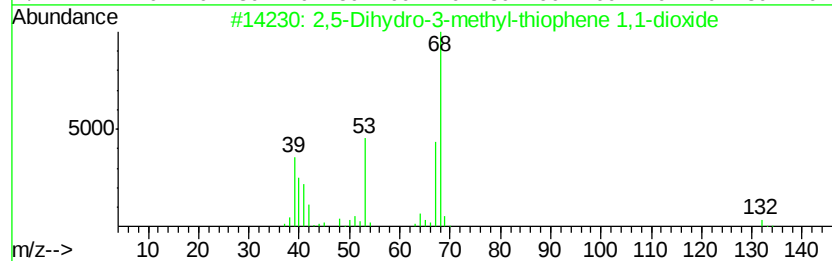
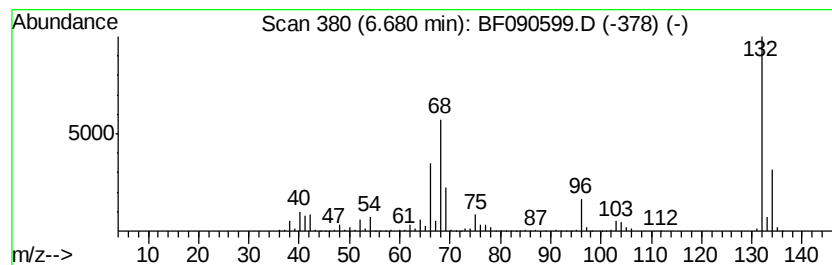
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	18.16 ng	1053930	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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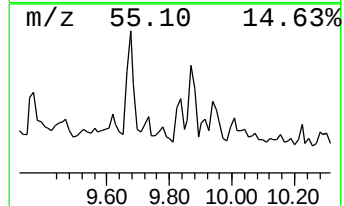
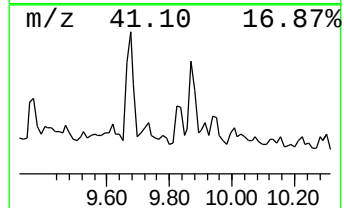
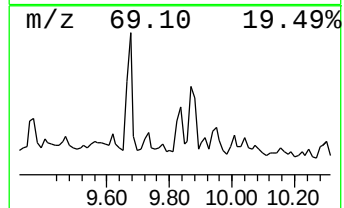
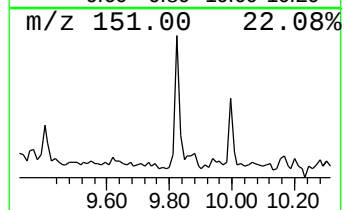
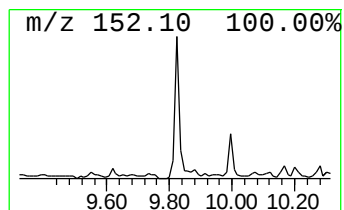
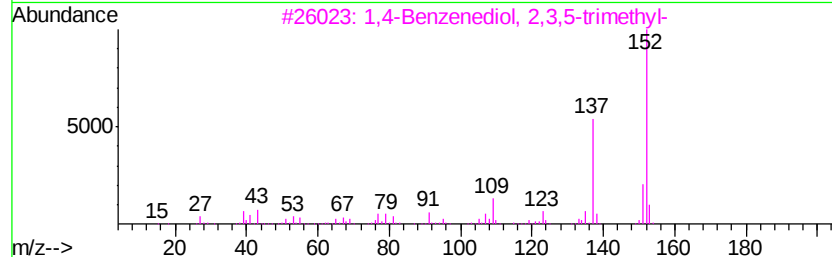
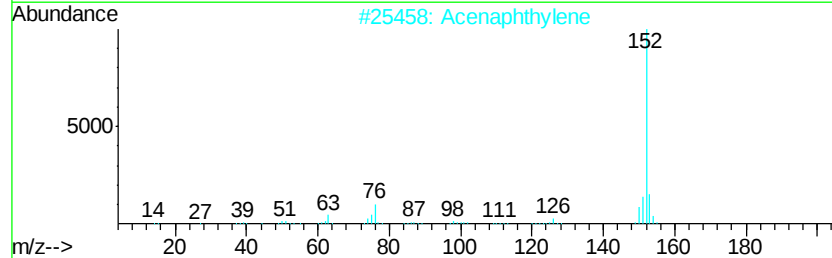
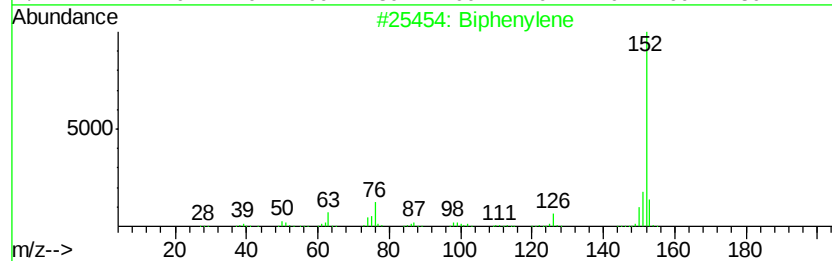
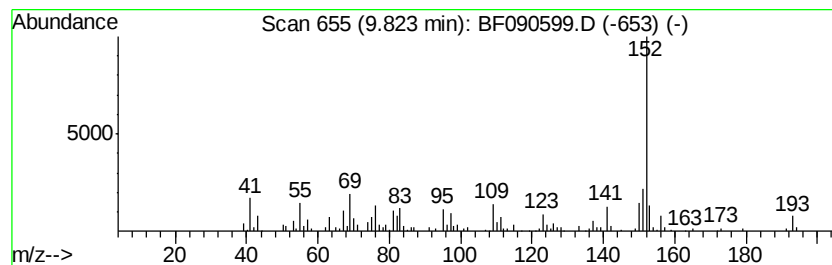
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.06 ng	161531	Acenaphthene-d10	9.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	76
2	Acenaphthylene		152	C12H8	000208-96-8	64
3	1,4-Benzenediol, 2,3,5-trimethyl-		152	C9H12O2	000700-13-0	58
4	2H-Pyrrol-2-one, 1,5-dihydro-4-(...		152	C8H12N2O	105776-93-0	53
5	5,6-Dihydro-4-methylthieno(2,3-d...		152	C7H8N2S	092204-06-3	50



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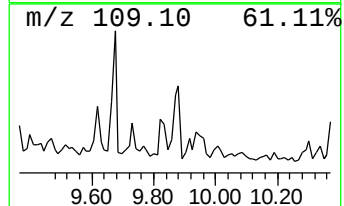
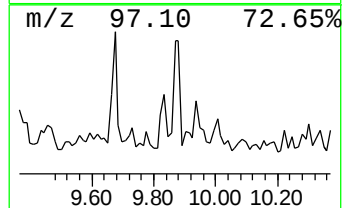
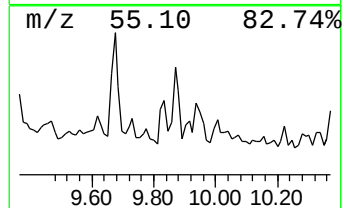
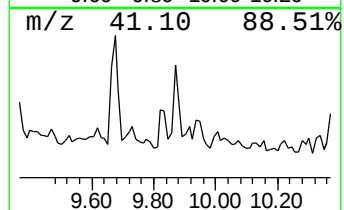
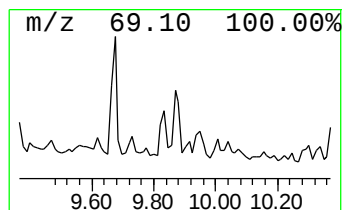
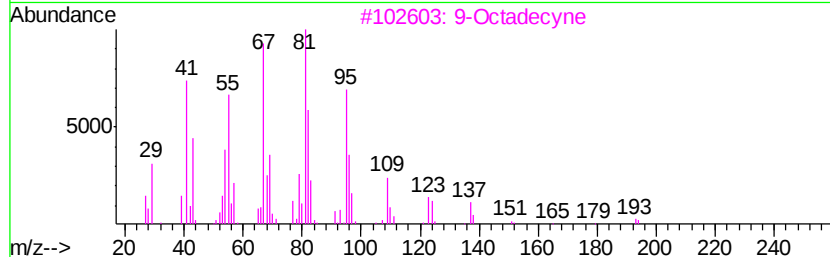
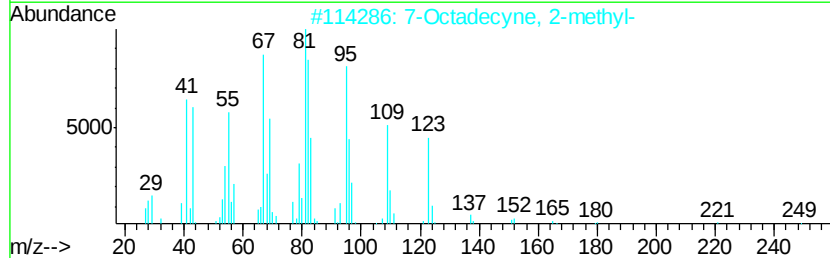
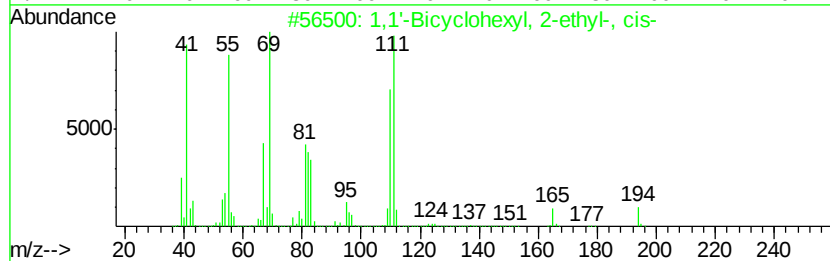
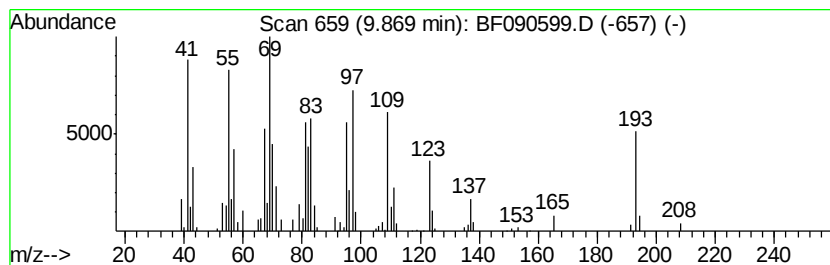
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.13 ng	167009	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	30
2		7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27
3		9-Octadecyne	250	C18H34	035365-59-4	25
4		(-)-trans-Pinane	138	C10H18	033626-25-4	25
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090599.D
Acq On : 15 Oct 2016 10:44
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6

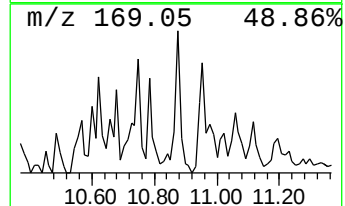
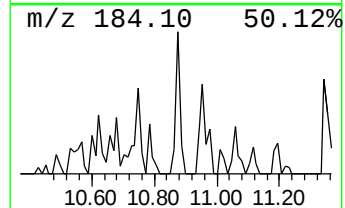
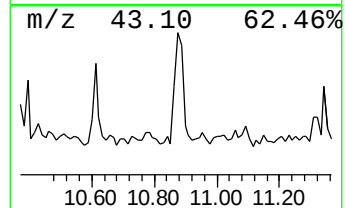
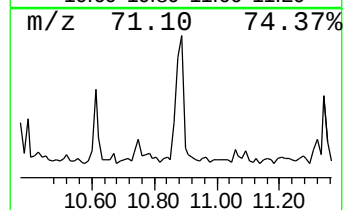
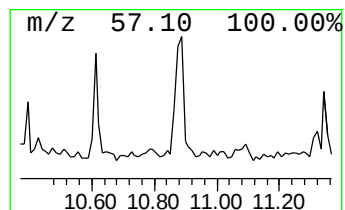
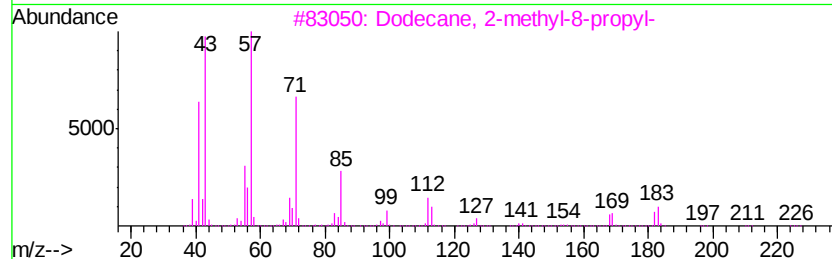
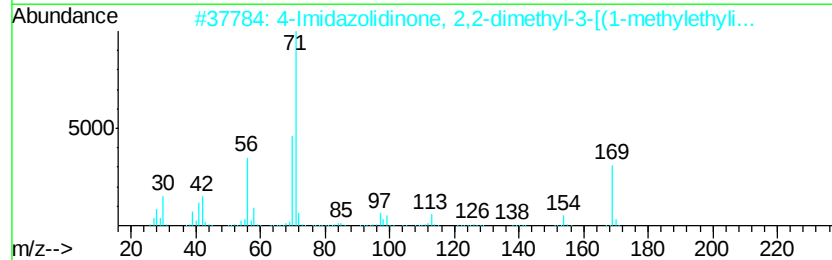
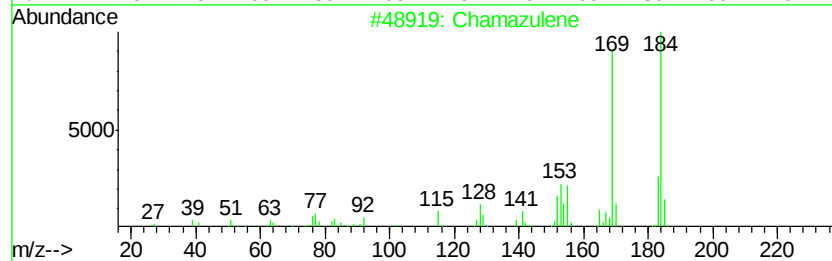
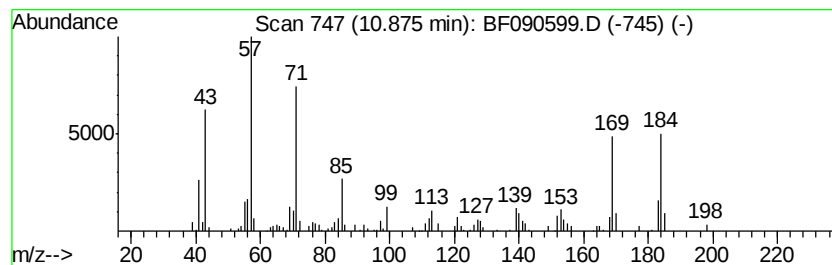
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Chamazulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.04 ng	152726	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	50
2		4-Imidazolidinone, 2,2-dimethyl-...	169	C8H15N3O	142071-78-1	46
3		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	43
4		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	41
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090599.D
Acq On : 15 Oct 2016 10:44
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6

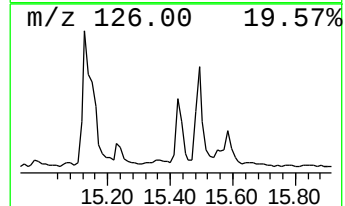
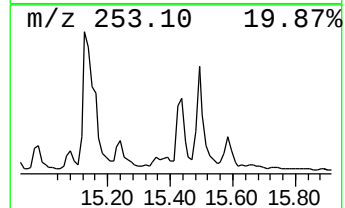
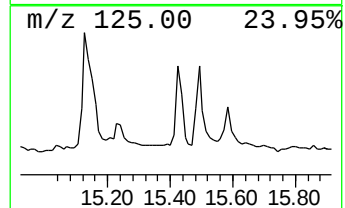
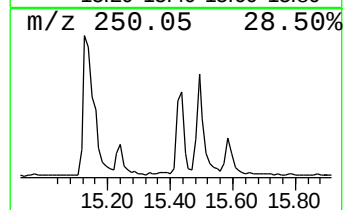
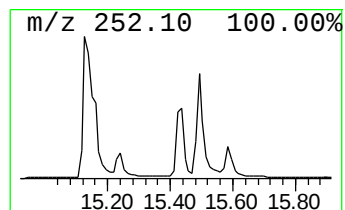
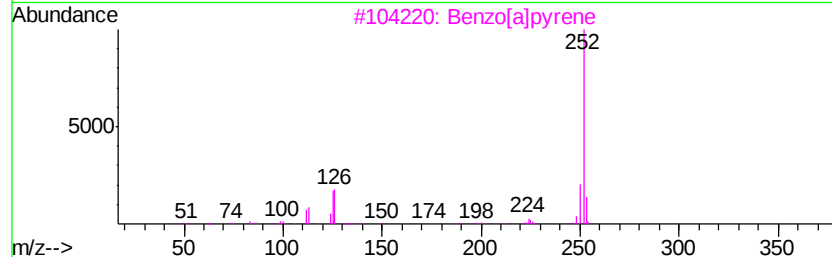
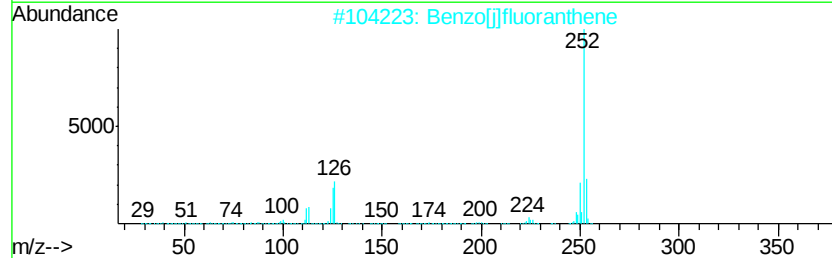
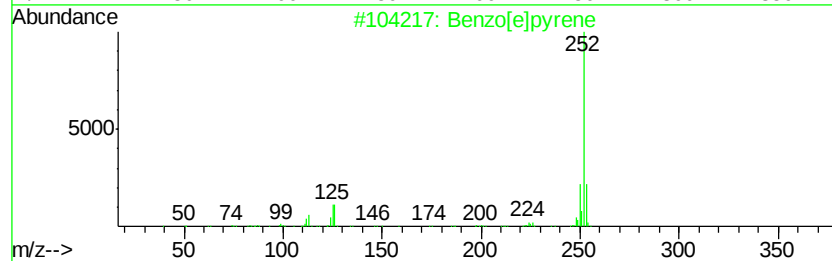
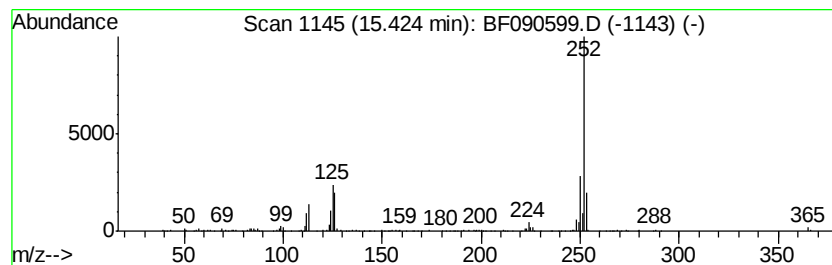
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.65 ng	306226	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090599.D
Acq On : 15 Oct 2016 10:44
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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...	5.09	4.6 ng		264946	1	6.92	1160830	20.0
unknown6.68	6.68	18.2 ng		1053930	1	6.92	1160830	20.0
Biphenylene	9.82	2.1 ng		161531	3	9.96	1566700	20.0
unknown9.87	9.87	2.1 ng		167009	3	9.96	1566700	20.0
Chamazulene	10.87	2.0 ng		152726	4	11.45	1494740	20.0
Benzo[e]pyrene	15.42	4.7 ng		306226	6	15.56	1317010	20.0