

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027362.D
 Acq On : 22 Sep 2015 6:39
 Operator : MD\FY
 Sample : G3754-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9B

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 : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.944	98	110	124	rBV	134963	253273	4.83%	0.734%
2	3.838	681	699	720	rBV2	17226	58047	1.11%	0.168%
3	6.834	1613	1631	1652	rBV3	19086	61767	1.18%	0.179%
4	7.677	1871	1893	1904	rBV	638435	1573989	30.04%	4.559%
5	7.751	1905	1916	1944	rVB	1027764	2444389	46.65%	7.080%
6	8.120	2012	2031	2061	rBV	857247	2028091	38.71%	5.874%
7	8.680	2186	2205	2237	rBV	1605523	3403014	64.95%	9.856%
8	10.191	2660	2675	2690	rBV	2889452	5239736	100.00%	15.176%
9	10.255	2691	2695	2712	rVB2	47519	79023	1.51%	0.229%
10	10.876	2820	2888	2889	rBV6	215394	1053951	20.11%	3.053%
11	11.516	3072	3087	3104	rBV	2270650	3869313	73.85%	11.207%
12	11.619	3108	3119	3131	rVB2	60220	106213	2.03%	0.308%
13	11.725	3141	3152	3168	rBV2	75649	148441	2.83%	0.430%
14	12.069	3243	3259	3262	rBV5	32141	64364	1.23%	0.186%
15	12.519	3385	3399	3413	rBV	1904179	3157627	60.26%	9.145%
16	12.635	3415	3435	3437	rBV5	53328	115554	2.21%	0.335%
17	13.149	3564	3595	3619	rBV3	230200	1095896	20.92%	3.174%
18	13.294	3623	3640	3666	rVB6	117269	521345	9.95%	1.510%
19	13.467	3681	3694	3708	rBV	1772933	2923113	55.79%	8.466%
20	13.577	3708	3728	3754	rVB4	124807	508249	9.70%	1.472%
21	13.763	3764	3786	3791	rBV6	47836	150020	2.86%	0.435%
22	13.943	3829	3842	3843	rBV10	34872	59516	1.14%	0.172%
23	14.181	3896	3916	3934	rBV4	56071	199999	3.82%	0.579%
24	14.416	3961	3989	4021	rBV4	620768	2334101	44.55%	6.760%
25	14.872	4098	4131	4154	rBV2	535301	1805616	34.46%	5.230%
26	15.287	4245	4260	4274	rBV	446603	818793	15.63%	2.371%
27	16.361	4580	4594	4614	rVB	119484	260152	4.96%	0.753%
28	16.564	4644	4657	4673	rVB2	80214	193230	3.69%	0.560%

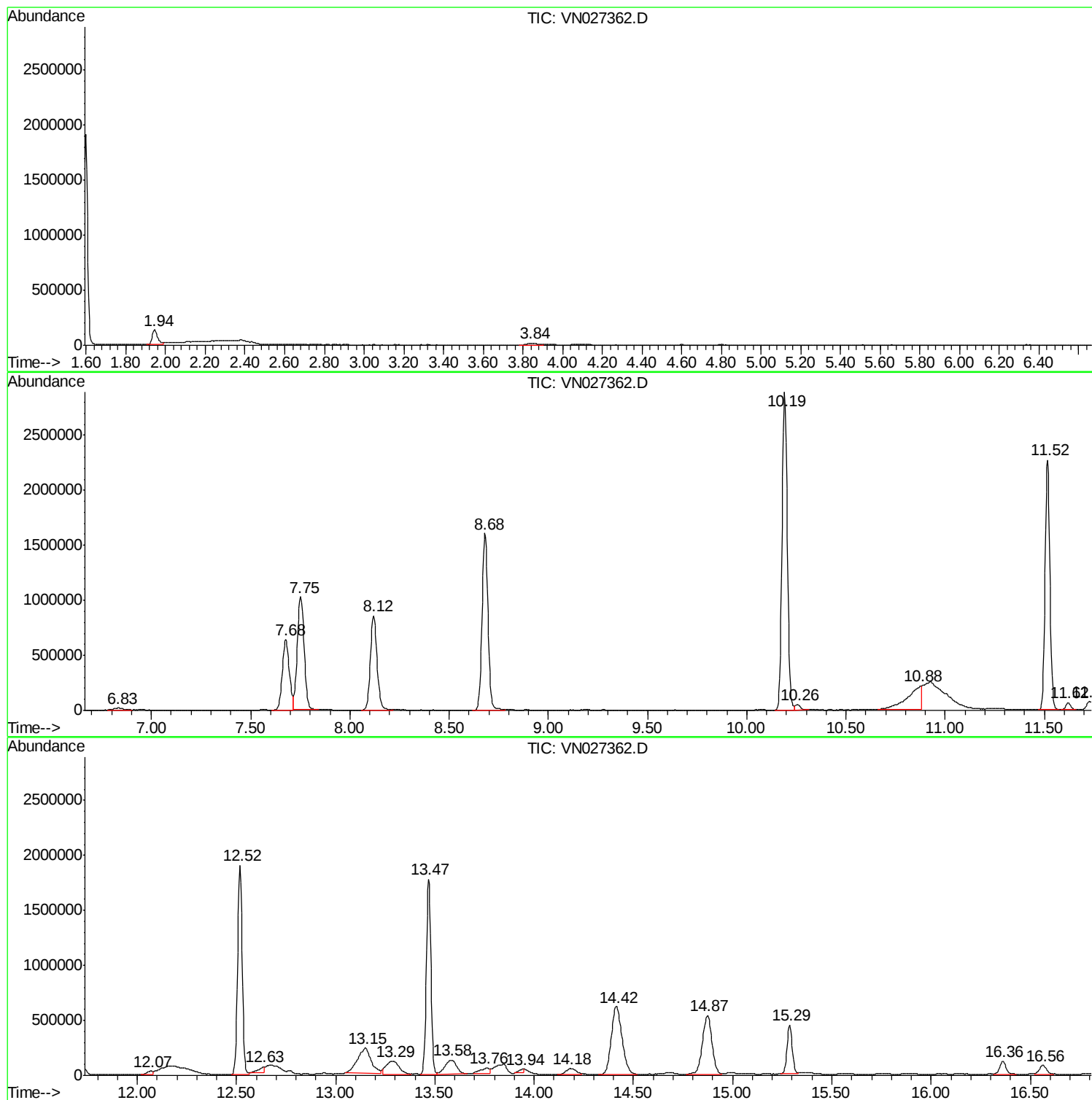
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Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

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



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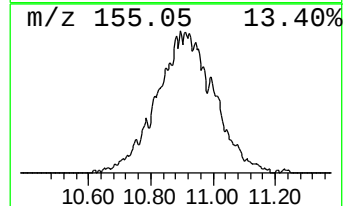
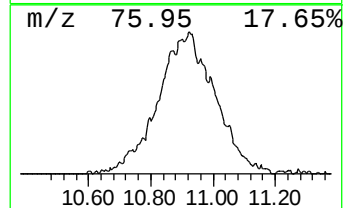
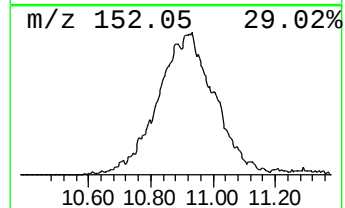
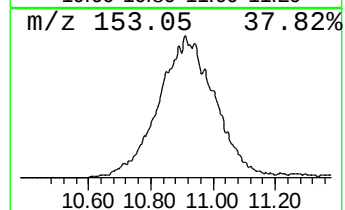
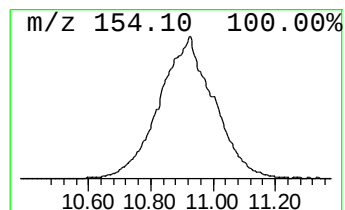
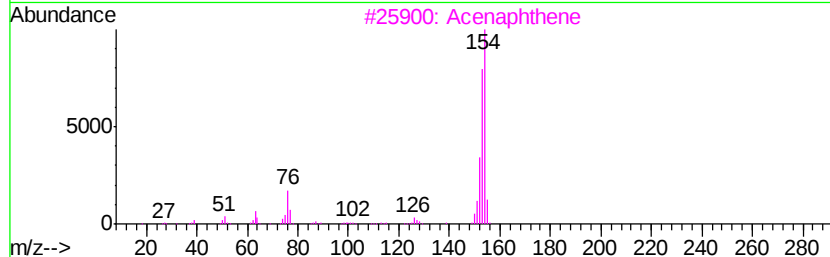
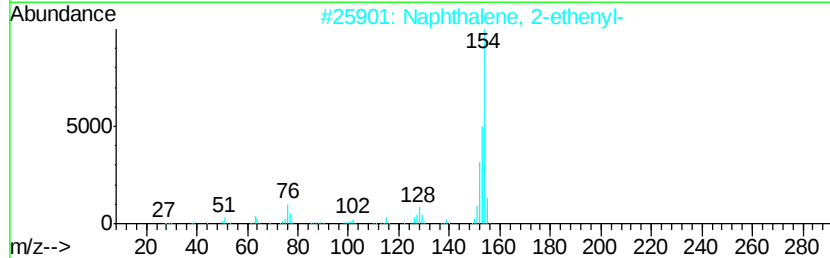
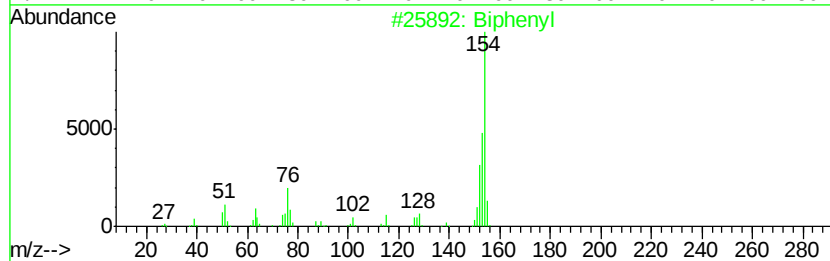
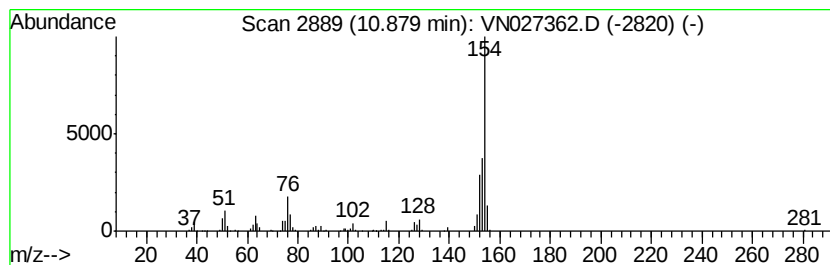
Instrument :
MSVOA_N
ClientSampleId :
MW-9B

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260

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

Peak Number 2 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	13.62 ug/l	1053950	Chlorobenzene-d5	11.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Biphenyl	154 C12H10	000092-52-4	96
2	Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3	87
3	Acenaphthene	154 C12H10	000083-32-9	60
4	Naphtho[1,2-c]thiophene, 1,3-dih...	202 C12H100S	031739-49-8	56
5	1,3-Cyclohexadien-5-ol, 1-phenyl-	172 C12H12O	1000159-61-9	50



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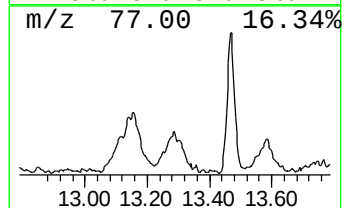
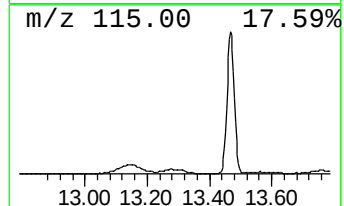
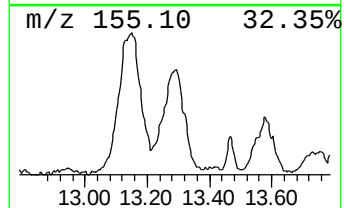
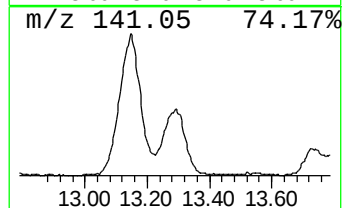
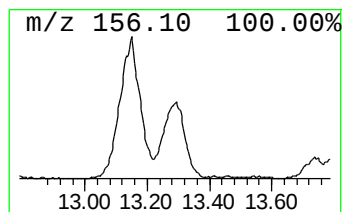
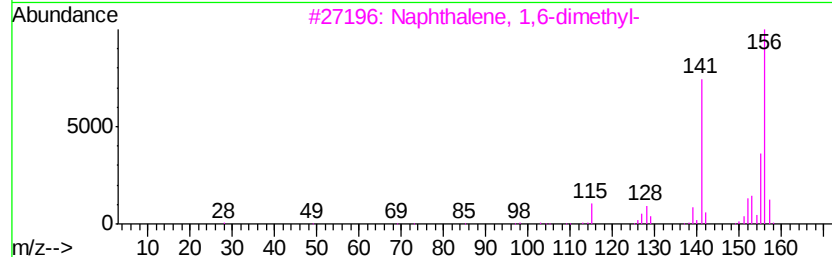
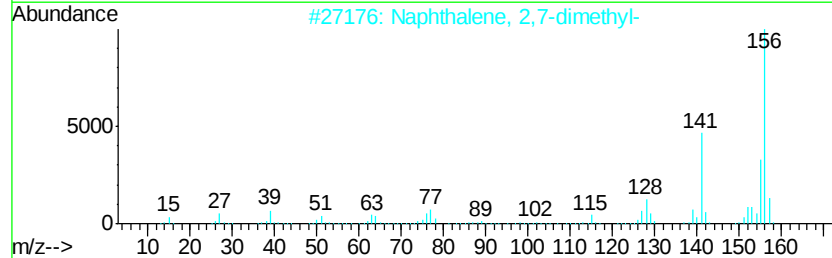
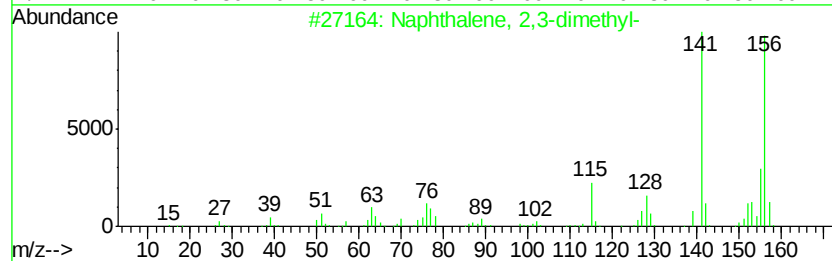
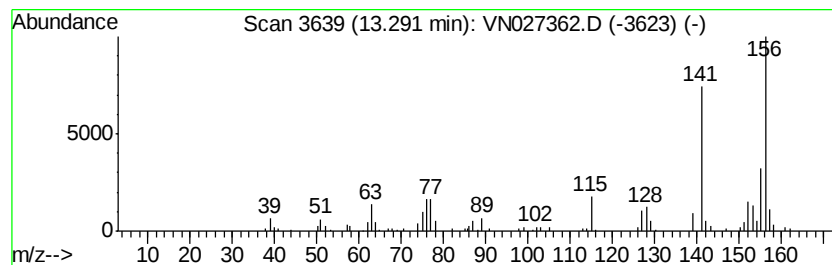
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	8.92 ug/l	521345	1,4-Dichlorobenzene-d4	13.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



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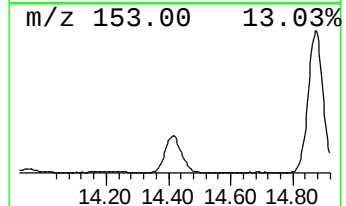
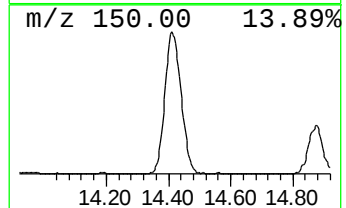
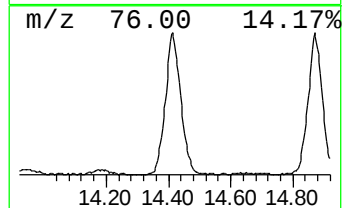
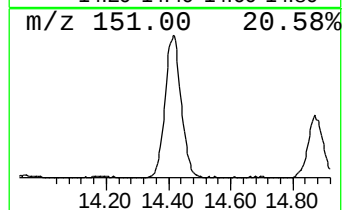
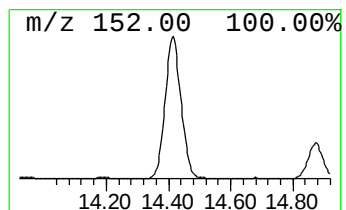
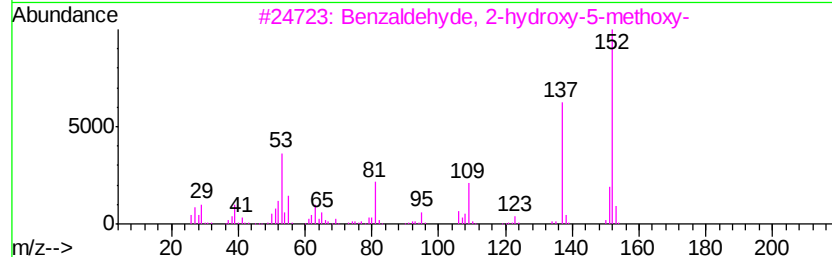
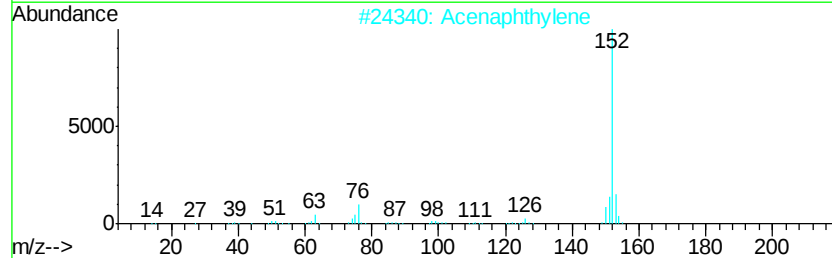
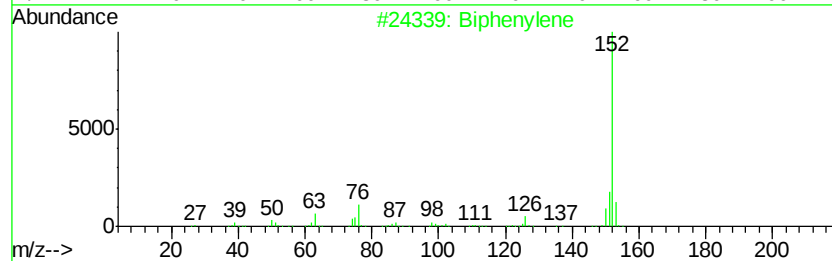
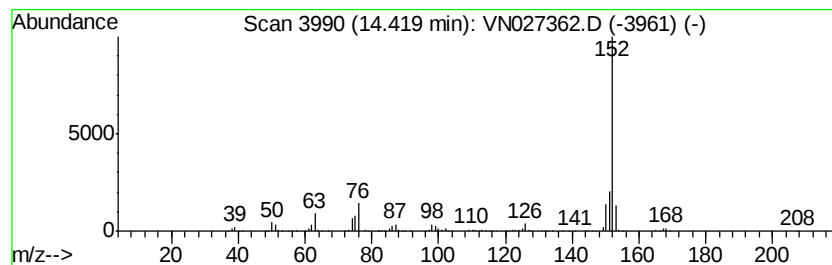
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Peak Number 5 Biphenylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	39.92 ug/l	2334100	1,4-Dichlorobenzene-d4	13.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	93
2	Acenaphthylene		152	C12H8	000208-96-8	90
3	Benzaldehyde, 2-hydroxy-5-methoxy-		152	C8H8O3	000672-13-9	64
4	Benzonitrile, 2-amino-5-chloro-		152	C7H5ClN2	005922-60-1	59
5	Benzaldehyde, 2-hydroxy-3-methoxy-		152	C8H8O3	000148-53-8	59



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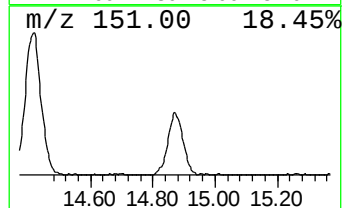
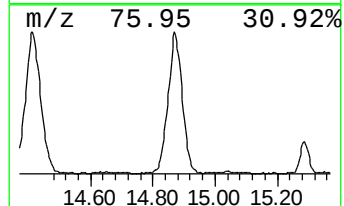
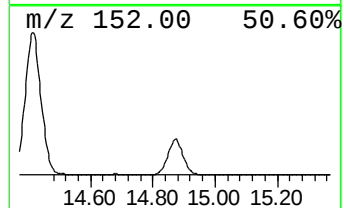
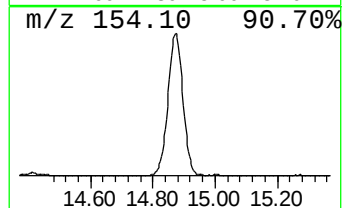
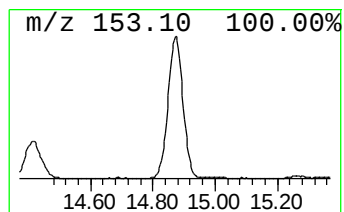
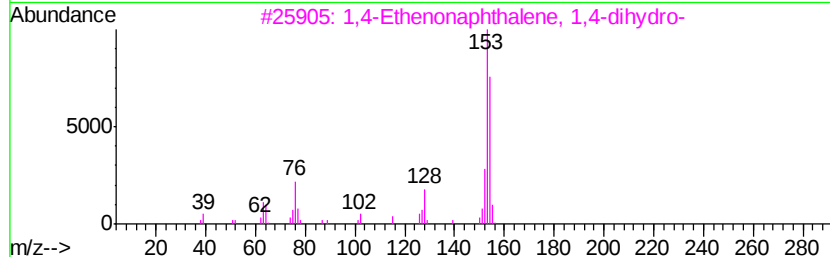
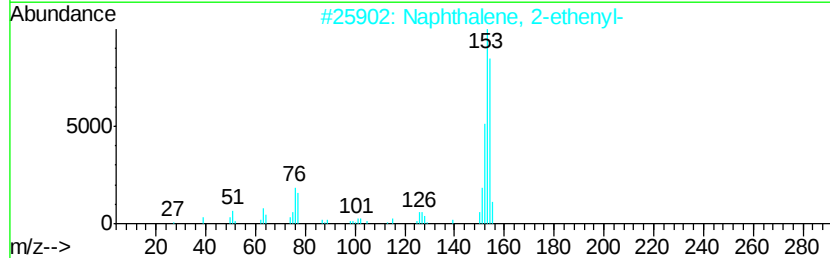
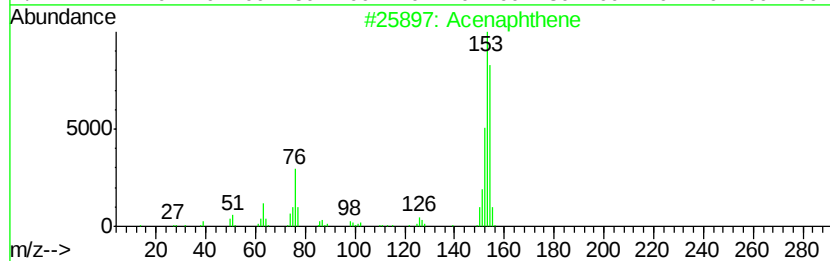
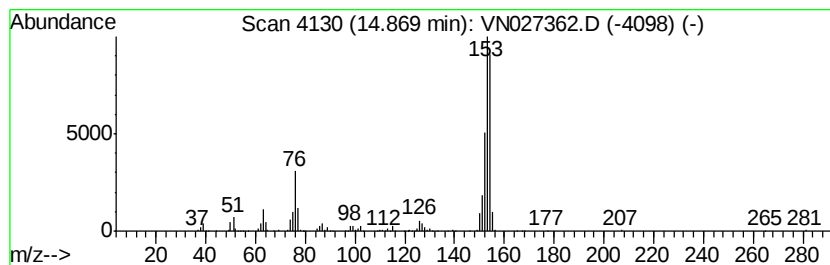
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Peak Number 6 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	30.89 ug/l	1805620	1,4-Dichlorobenzene-d4	13.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	96
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
4		3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5		2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Biphenyl	10.88	13.6	ug/l	1053950	3	11.52	3869310	50.0
Naphthalene, 2,3-...	13.29	8.9	ug/l	521345	4	13.47	2923110	50.0
Biphenylene	14.42	39.9	ug/l	2334100	4	13.47	2923110	50.0
Acenaphthene	14.87	30.9	ug/l	1805620	4	13.47	2923110	50.0