

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037542.D
 Acq On : 02 Apr 2020 00:08
 Operator : JC/MD
 Sample : L2063-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	77	85	95	rBV	52412	54898	13.31%	1.510%
2	1.932	175	184	193	rBV	38407	49287	11.95%	1.356%
3	2.594	377	390	405	rVB	75374	123261	29.88%	3.390%
4	3.221	571	585	598	rVB3	1906	5128	1.24%	0.141%
5	4.668	1021	1035	1065	rBV	68329	160038	38.79%	4.402%
6	5.105	1155	1171	1192	rBV2	61960	140068	33.95%	3.853%
7	5.761	1355	1375	1393	rVB3	130313	326279	79.09%	8.975%
8	6.282	1521	1537	1551	rBV	109272	204655	49.61%	5.629%
9	6.723	1661	1674	1693	rBV	80177	156157	37.85%	4.295%
10	7.594	1932	1945	1957	rBV	50551	86475	20.96%	2.379%
11	7.922	2034	2047	2065	rBV2	168438	286640	69.48%	7.884%
12	8.205	2122	2135	2146	rBV2	31941	53057	12.86%	1.459%
13	8.658	2258	2276	2301	rBV	237483	412555	100.00%	11.348%
14	8.935	2353	2362	2375	rBV2	16030	27230	6.60%	0.749%
15	9.436	2507	2518	2535	rBV	162246	259638	62.93%	7.142%
16	10.774	2920	2934	2948	rBV	63438	99613	24.15%	2.740%
17	11.825	3249	3261	3275	rVB	175055	271810	65.88%	7.476%
18	12.208	3367	3380	3393	rBV	163409	263305	63.82%	7.242%
19	12.327	3408	3417	3423	rBV4	4051	5997	1.45%	0.165%
20	13.549	3784	3797	3803	rBV6	3005	5717	1.39%	0.157%
21	13.754	3848	3861	3863	rBV8	4265	7443	1.80%	0.205%
22	14.115	3961	3973	3986	rBV	115416	188750	45.75%	5.192%
23	14.404	4053	4063	4065	rBV8	3818	6510	1.58%	0.179%
24	14.626	4125	4132	4147	rVB	2645	4767	1.16%	0.131%
25	15.262	4319	4330	4341	rBV2	49017	78582	19.05%	2.161%
26	15.452	4378	4389	4399	rBV2	21730	35221	8.54%	0.969%
27	16.005	4550	4561	4570	rBV2	16193	26977	6.54%	0.742%
28	16.198	4606	4621	4629	rBV5	4788	9608	2.33%	0.264%
29	16.314	4648	4657	4667	rVB6	8366	15511	3.76%	0.427%
30	16.462	4695	4703	4710	rBV5	8515	14039	3.40%	0.386%
31	16.504	4711	4716	4720	rVB6	3577	4507	1.09%	0.124%
32	16.690	4770	4774	4783	rVB10	2834	4311	1.04%	0.119%
33	16.944	4845	4853	4865	rVB8	8294	13535	3.28%	0.372%
34	17.159	4908	4920	4933	rBV	57263	100765	24.42%	2.772%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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 : TRACE VOA SOM01.0

35	17.481	5007	5020	5038	rVB	67772	133251	32.30%	3.665%
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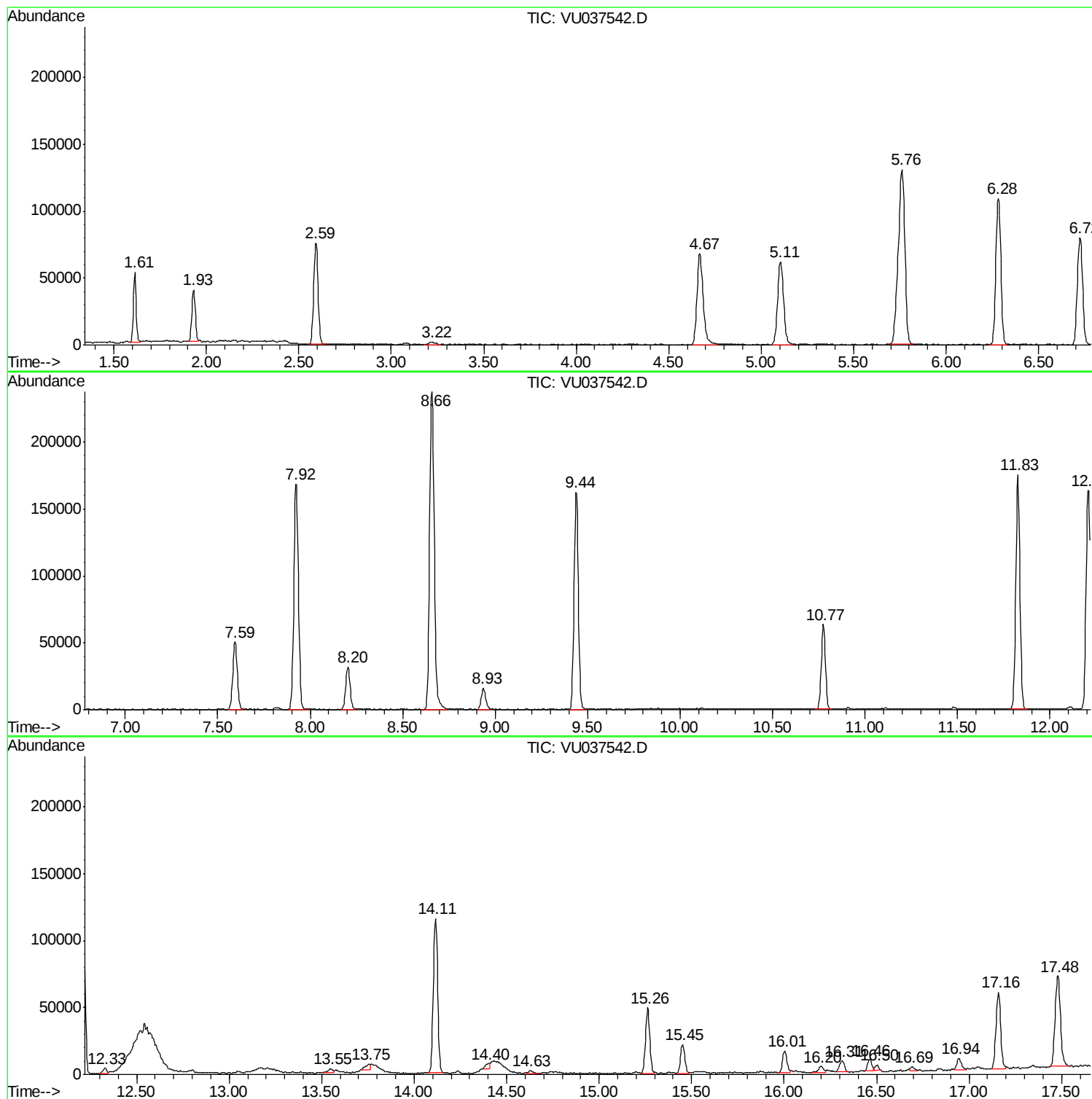
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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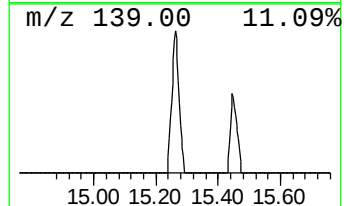
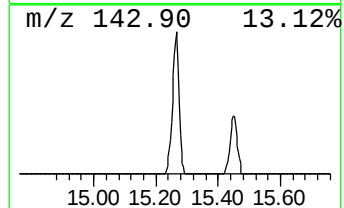
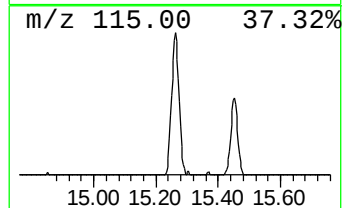
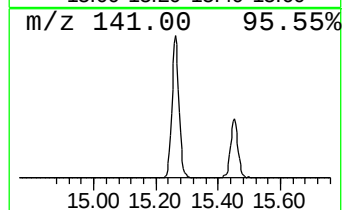
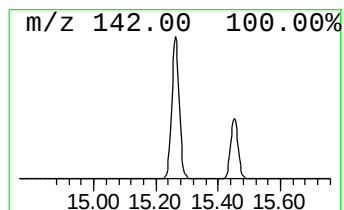
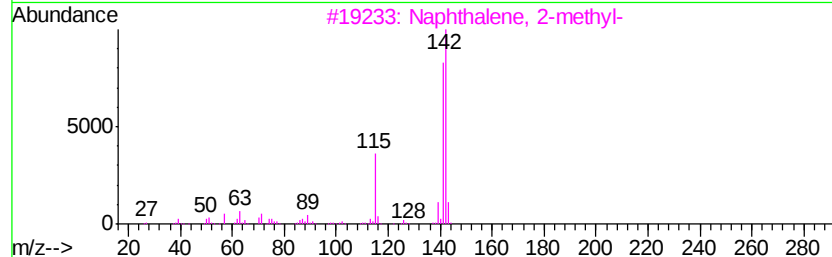
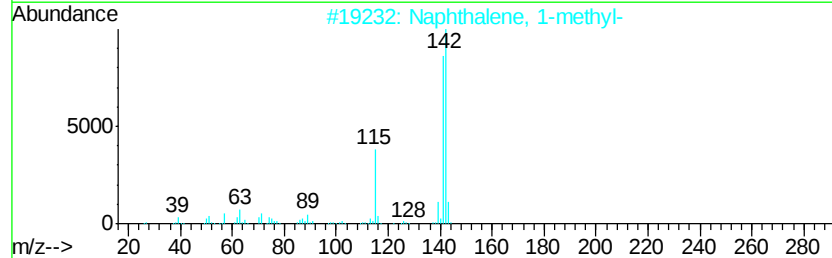
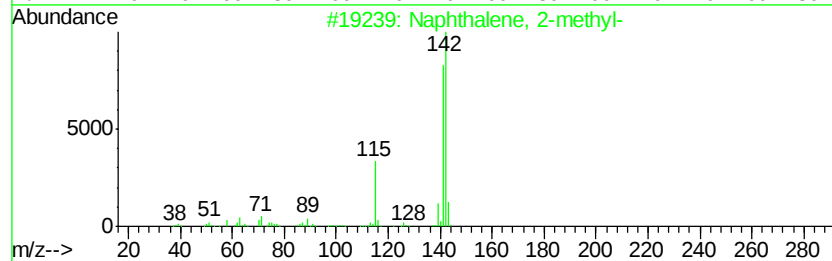
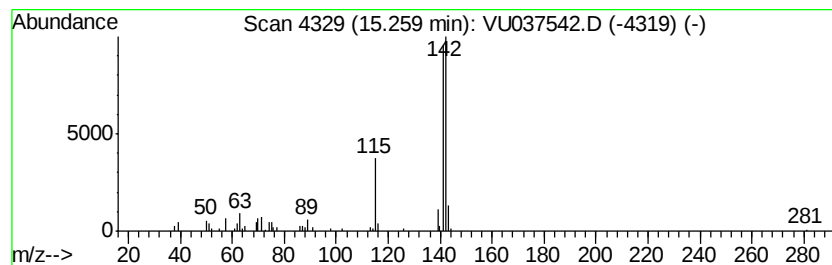
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	1.45 ug/L	78582	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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ClientSampleId :
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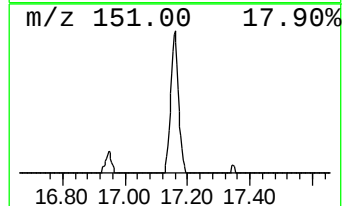
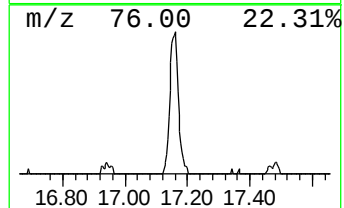
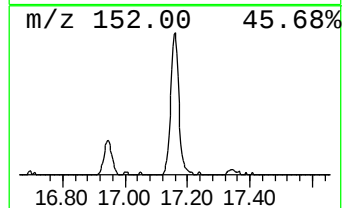
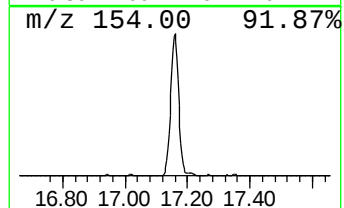
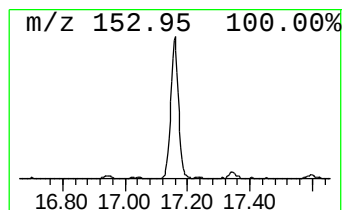
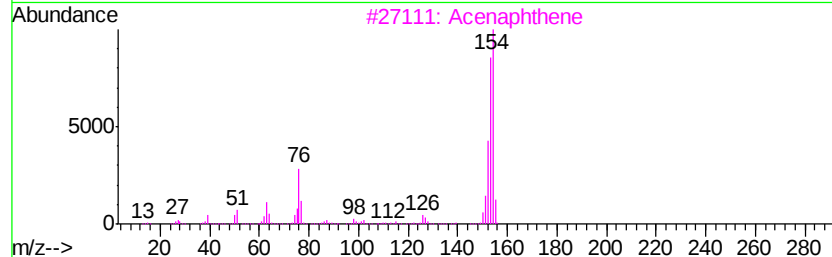
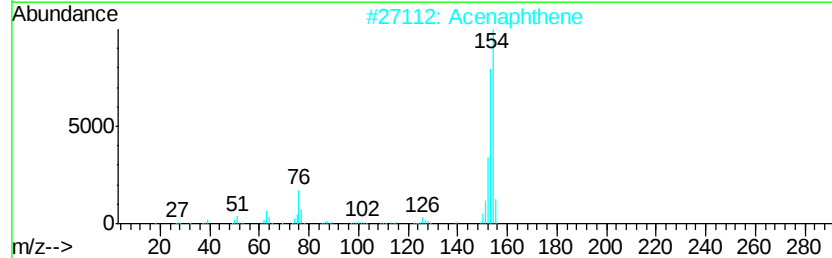
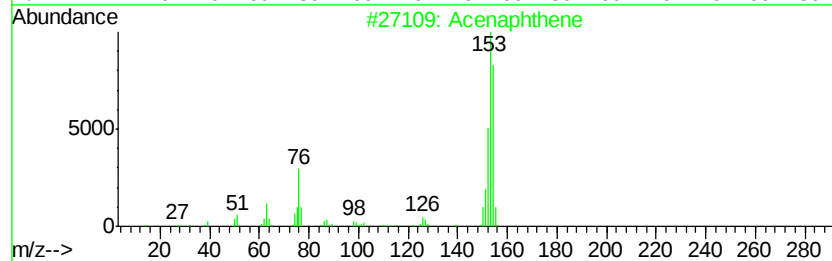
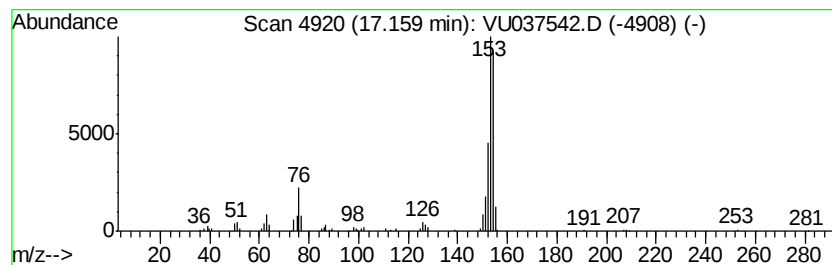
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	1.85 ug/L	100765	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene		154	C12H10	000083-32-9	89
2	Acenaphthene		154	C12H10	000083-32-9	81
3	Acenaphthene		154	C12H10	000083-32-9	70
4	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	68
5	Acenaphthene		154	C12H10	000083-32-9	60



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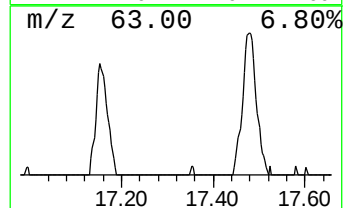
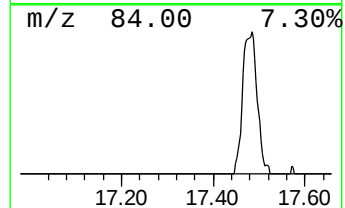
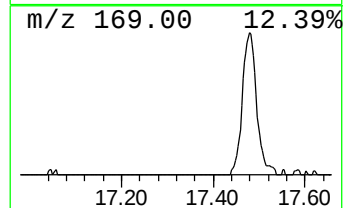
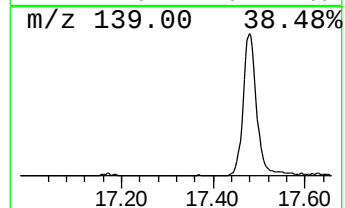
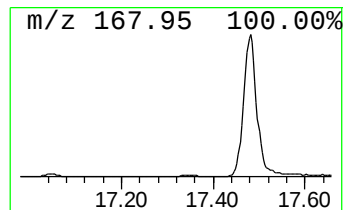
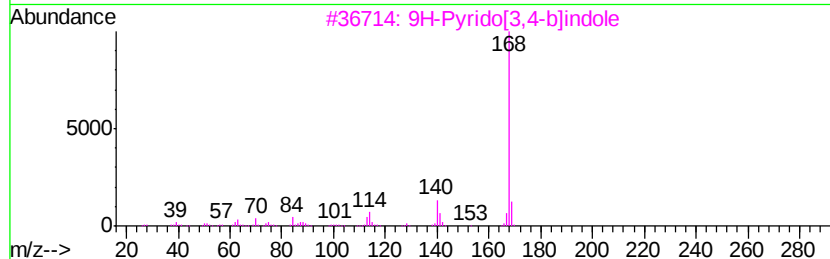
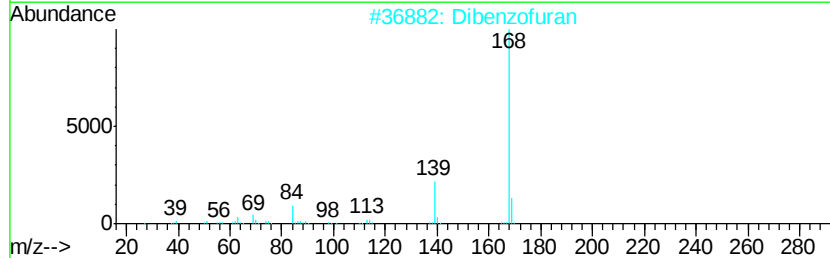
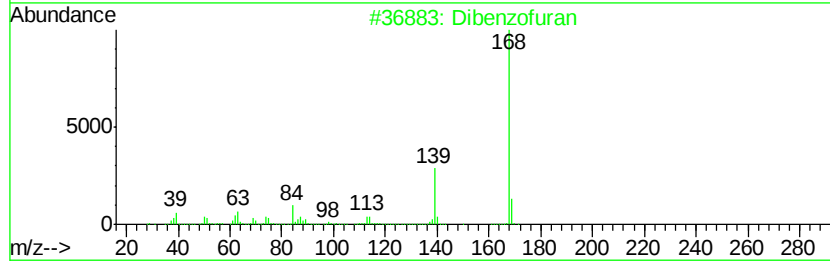
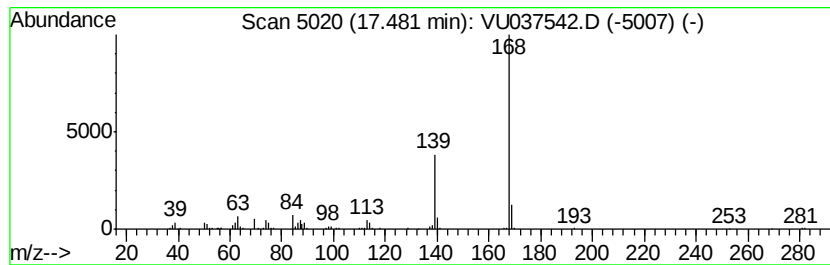
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	2.45 ug/L	133251	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran	168	C12H8O	000132-64-9	91
2		Dibenzofuran	168	C12H8O	000132-64-9	64
3		9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
4		Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53
5		9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	15.26	1.5	ug/L	78582	3	11.83	271810	5.0
Acenaphthene	17.16	1.9	ug/L	100765	3	11.83	271810	5.0
Dibenzofuran	17.48	2.5	ug/L	133251	3	11.83	271810	5.0