

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036832.D
 Acq On : 18 Feb 2020 13:37
 Operator : JC/MD
 Sample : L1540-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBD67

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\SOMUTR021220WMA.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	1.616	78	86	95	rBV	55542	59759	13.39%	1.369%
2	1.932	176	184	195	rVB	52291	65196	14.61%	1.493%
3	2.591	377	389	404	rBV	83233	134249	30.08%	3.075%
4	2.658	404	410	424	rVB2	2835	4773	1.07%	0.109%
5	4.674	1021	1037	1071	rBV	72151	175834	39.39%	4.027%
6	5.105	1156	1171	1192	rBV	76096	170069	38.10%	3.895%
7	5.764	1352	1376	1405	rBV2	169531	425903	95.42%	9.755%
8	6.285	1522	1538	1557	rBV	146879	275967	61.83%	6.321%
9	6.726	1655	1675	1692	rBV	104449	202766	45.43%	4.644%
10	7.597	1933	1946	1964	rBV	51192	90123	20.19%	2.064%
11	7.925	2034	2048	2064	rBV	203401	350823	78.60%	8.035%
12	8.205	2122	2135	2150	rBV	29845	51353	11.50%	1.176%
13	8.664	2258	2278	2319	rBV	234455	446357	100.00%	10.223%
14	9.439	2506	2519	2542	rBV	199587	336643	75.42%	7.710%
15	9.594	2556	2567	2575	rBV	5060	7114	1.59%	0.163%
16	10.777	2923	2935	2949	rBV	77751	124703	27.94%	2.856%
17	10.912	2969	2977	2986	rVB5	2812	4582	1.03%	0.105%
18	11.832	3250	3263	3276	rBV	184718	298953	66.98%	6.847%
19	12.111	3339	3350	3360	rBV4	5256	7087	1.59%	0.162%
20	12.211	3368	3381	3395	rVB	186836	300448	67.31%	6.881%
21	12.700	3525	3533	3543	rBV2	8847	13225	2.96%	0.303%
22	12.950	3602	3611	3625	rVB2	8873	13311	2.98%	0.305%
23	13.053	3633	3643	3663	rBV7	5179	13676	3.06%	0.313%
24	13.320	3717	3726	3736	rBV2	8165	11475	2.57%	0.263%
25	13.481	3763	3776	3790	rBV4	10779	17720	3.97%	0.406%
26	14.118	3959	3974	3989	rBV3	7749	18651	4.18%	0.427%
27	14.288	4019	4027	4031	rBV7	4182	5897	1.32%	0.135%
28	14.320	4033	4037	4046	rVB4	4769	5735	1.28%	0.131%
29	14.918	4215	4223	4231	rVB5	3578	5426	1.22%	0.124%
30	15.211	4300	4314	4323	rBV	18423	31130	6.97%	0.713%
31	15.265	4324	4331	4340	rVB3	9605	14180	3.18%	0.325%
32	15.455	4378	4390	4405	rBV2	30372	54260	12.16%	1.243%
33	16.005	4539	4561	4573	rBV	172056	284914	63.83%	6.525%
34	16.069	4573	4581	4591	rVB7	3974	7308	1.64%	0.167%

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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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Title : TRACE VOA SOM01.0

35	16.458	4692	4702	4713	rBV10	5336	10888	2.44%	0.249%
36	16.944	4847	4853	4861	rVB4	3898	5418	1.21%	0.124%
37	17.050	4877	4886	4893	rBV8	4042	6190	1.39%	0.142%
38	17.159	4908	4920	4935	rBV	159454	272937	61.15%	6.251%
39	17.343	4969	4977	4993	rVB4	8277	15375	3.44%	0.352%
40	17.481	5011	5020	5030	rBV	14165	25796	5.78%	0.591%

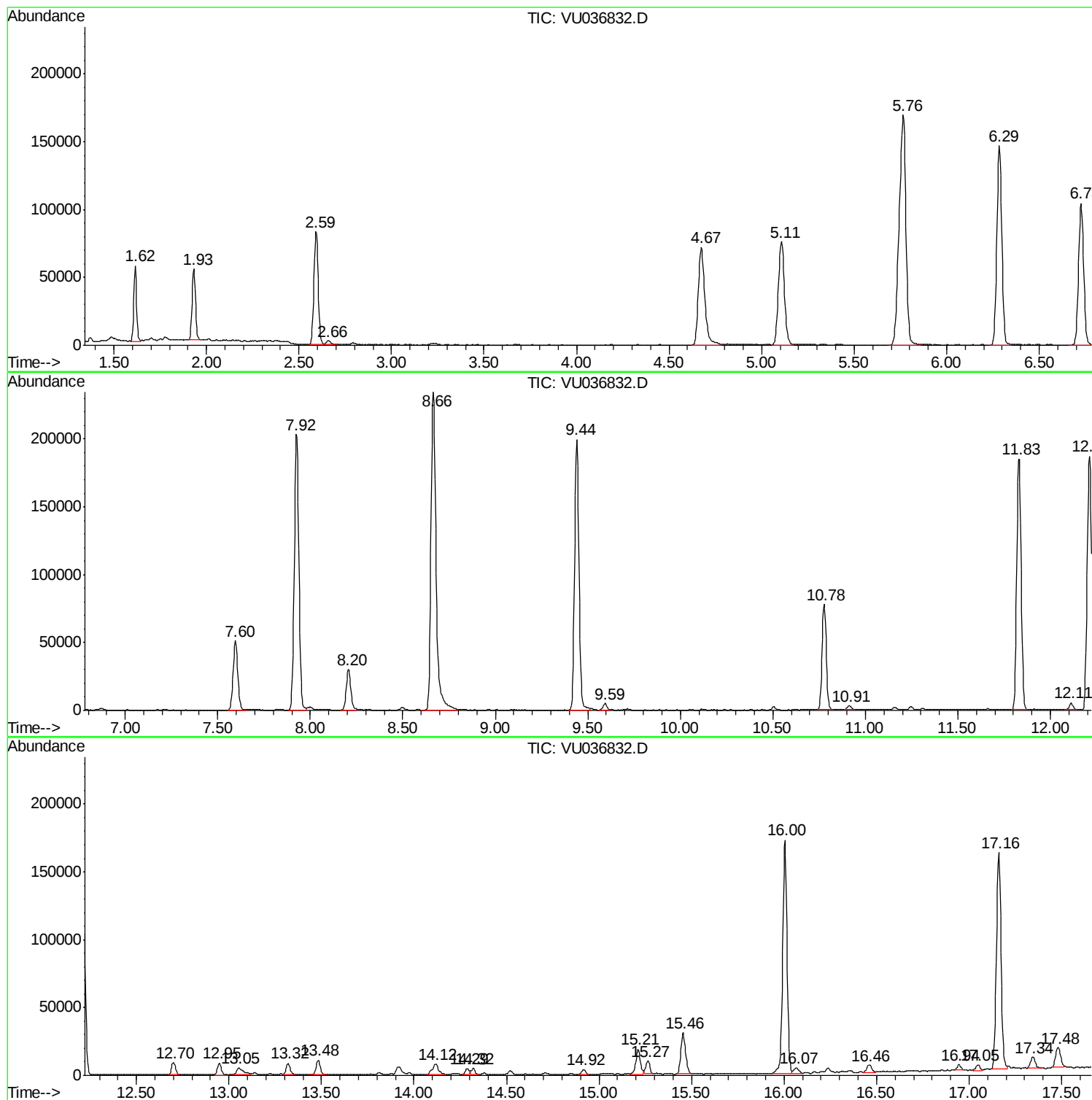
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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



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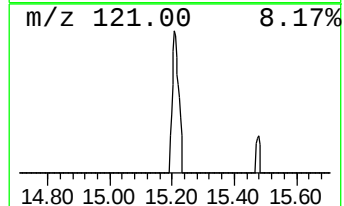
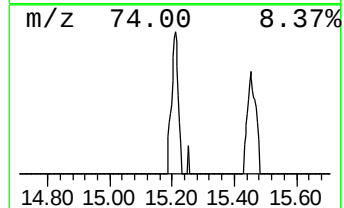
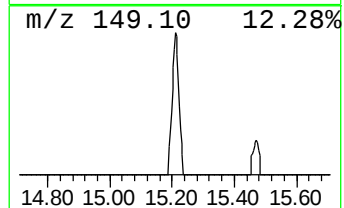
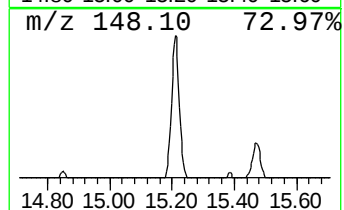
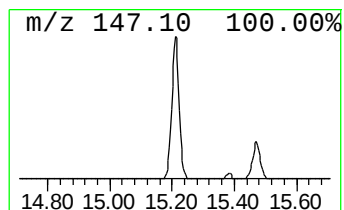
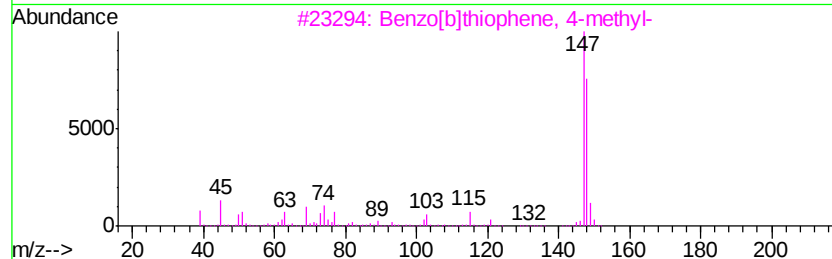
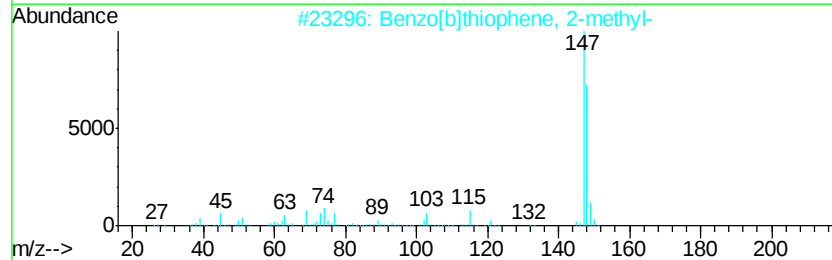
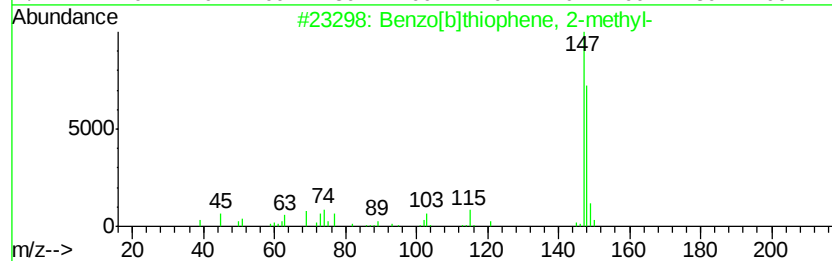
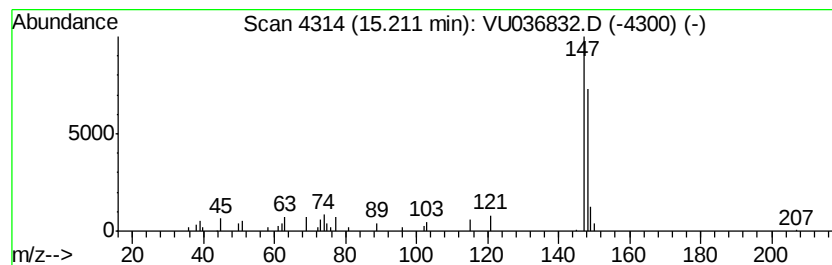
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Benzo[b]thiophene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	0.52 ug/L	31130	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	86



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Instrument :
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ClientSampleId :
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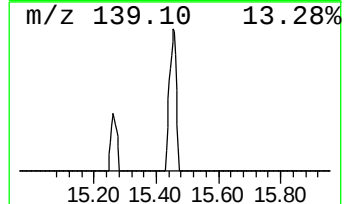
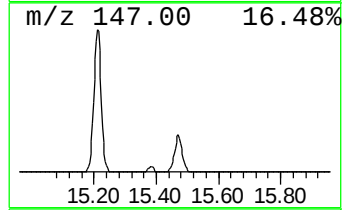
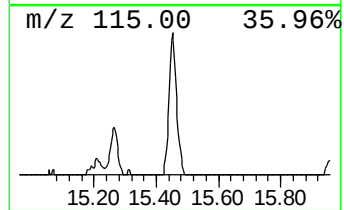
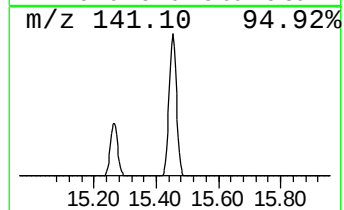
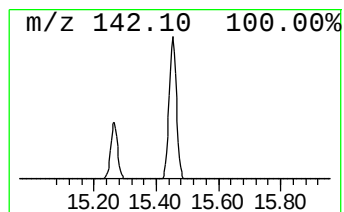
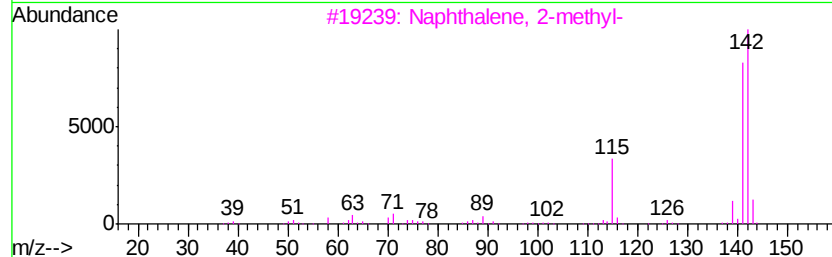
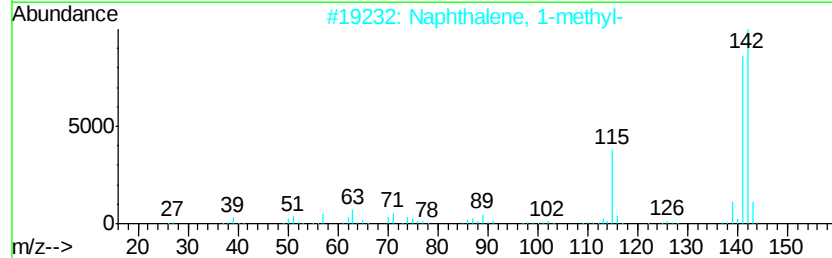
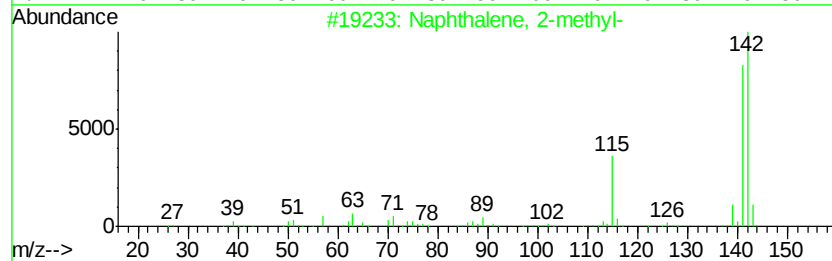
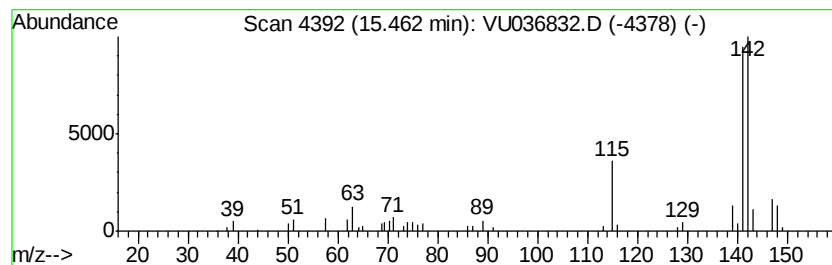
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.91 ug/L	54260	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Benzocycloheptatriene	142	C11H10	000264-09-5	95
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95



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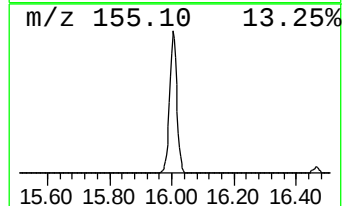
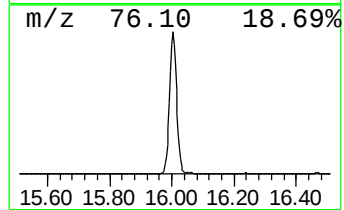
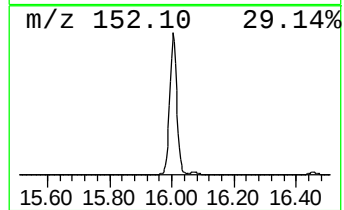
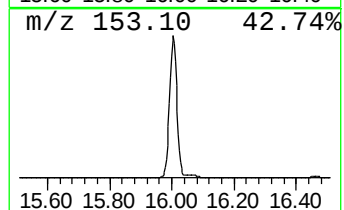
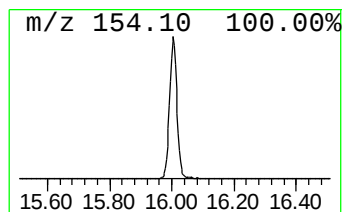
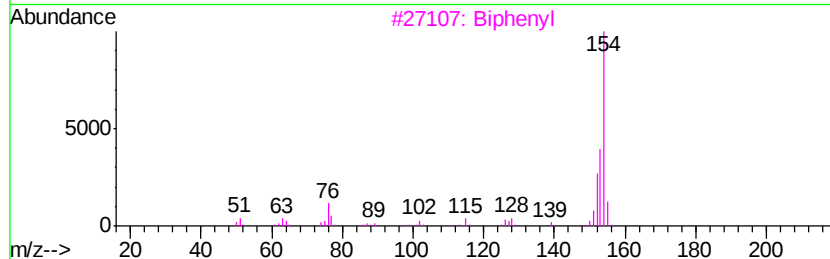
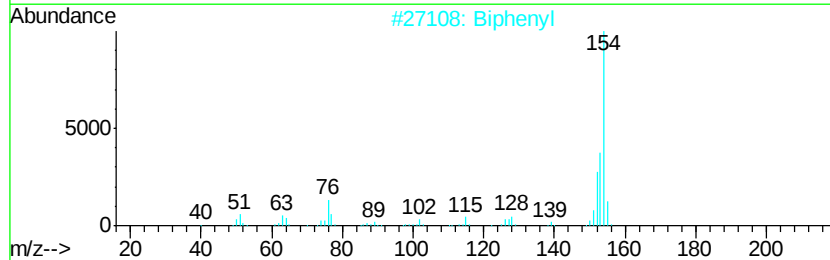
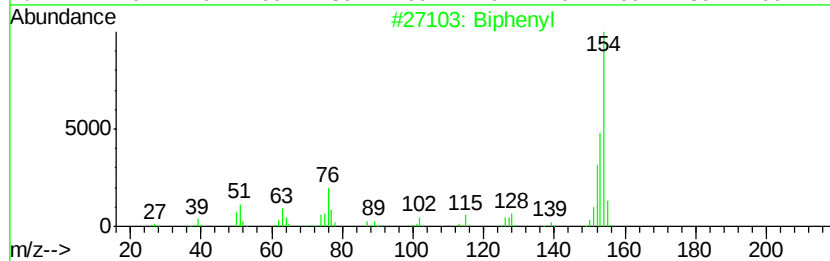
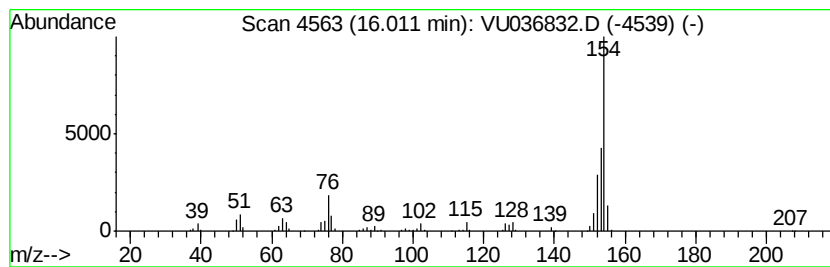
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Biphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4.77 ug/L	284914	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	96
2	Biphenyl		154	C12H10	000092-52-4	95
3	Biphenyl		154	C12H10	000092-52-4	95
4	Biphenyl		154	C12H10	000092-52-4	91
5	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	87



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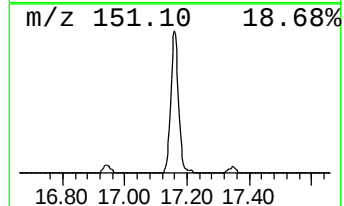
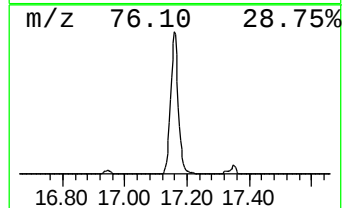
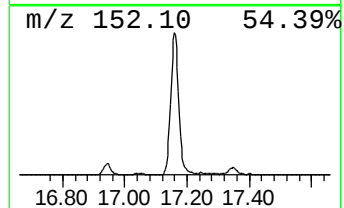
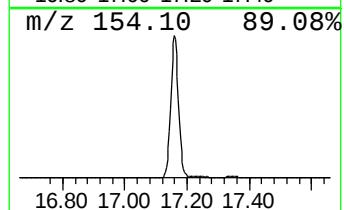
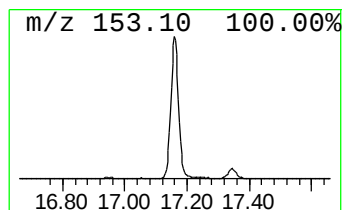
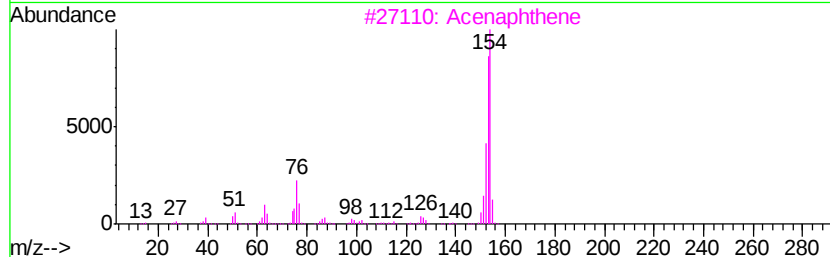
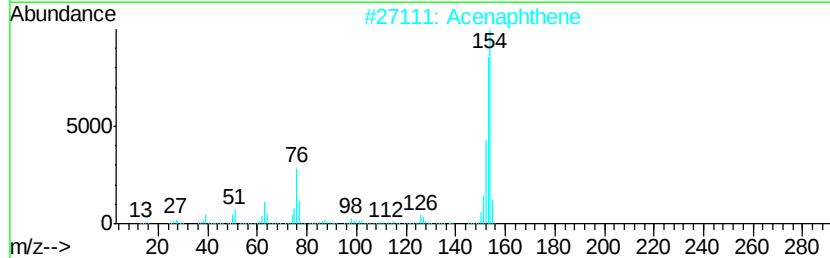
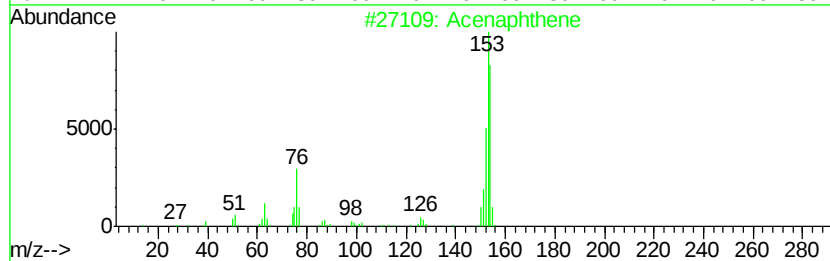
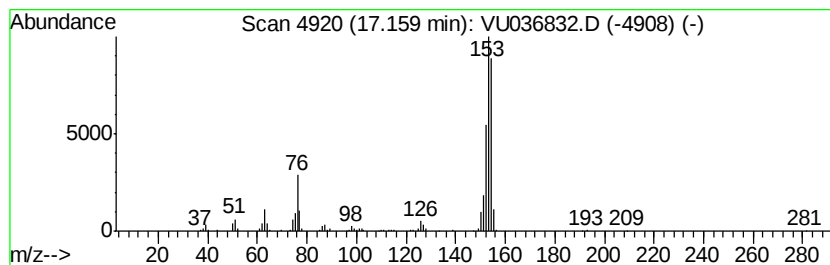
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	4.56 ug/L	272937	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene		154	C12H10	000083-32-9	96
2	Acenaphthene		154	C12H10	000083-32-9	90
3	Acenaphthene		154	C12H10	000083-32-9	90
4	Acenaphthene		154	C12H10	000083-32-9	81
5	1,4-Ethenonaphthalene, 1,4-dihydro-		154	C12H10	007322-47-6	58



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzo[b]thiophene...	15.21	0.5	ug/L	31130	3	11.83	298953	5.0
Naphthalene, 1-me...	15.46	0.9	ug/L	54260	3	11.83	298953	5.0
Biphenyl	16.01	4.8	ug/L	284914	3	11.83	298953	5.0
Acenaphthene	17.16	4.6	ug/L	272937	3	11.83	298953	5.0