

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036854.D
 Acq On : 19 Feb 2020 18:06
 Operator : JC/MD
 Sample : L1580-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDK1

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	1.610	76	84	98	rBV	69524	77672	9.40%	1.203%
2	1.929	175	183	196	rVB	61594	79196	9.58%	1.226%
3	2.591	375	389	402	rBV	110453	176864	21.40%	2.739%
4	4.678	1023	1038	1060	rBV	81351	190845	23.10%	2.956%
5	5.105	1154	1171	1195	rBV	86546	192637	23.31%	2.983%
6	5.764	1352	1376	1398	rBV2	198037	489996	59.30%	7.588%
7	6.282	1522	1537	1555	rBV	183064	343999	41.63%	5.327%
8	6.726	1661	1675	1692	rBV	120552	231266	27.99%	3.582%
9	7.594	1931	1945	1958	rBV	61018	106549	12.89%	1.650%
10	7.925	2035	2048	2063	rBV	248292	422650	51.15%	6.545%
11	8.205	2125	2135	2151	rBV	36501	61421	7.43%	0.951%
12	8.661	2265	2277	2310	rBV	279729	487105	58.95%	7.544%
13	9.439	2502	2519	2552	rBV	253794	420779	50.92%	6.517%
14	10.777	2922	2935	2949	rBV	83815	133008	16.10%	2.060%
15	11.828	3248	3262	3276	rBV	245533	392747	47.53%	6.082%
16	12.111	3338	3350	3360	rVB	8842	14041	1.70%	0.217%
17	12.208	3369	3380	3395	rBV	222708	352690	42.68%	5.462%
18	12.330	3408	3418	3429	rBV2	11354	17641	2.13%	0.273%
19	12.478	3442	3464	3466	rBV3	8898	18831	2.28%	0.292%
20	14.118	3949	3974	3993	rBV	504389	826302	100.00%	12.797%
21	14.240	4002	4012	4020	rBV	10157	15855	1.92%	0.246%
22	15.266	4320	4331	4348	rVB	190838	304566	36.86%	4.717%
23	15.452	4376	4389	4403	rBV	89035	145104	17.56%	2.247%
24	16.005	4548	4561	4575	rBV	70315	114446	13.85%	1.772%
25	16.201	4613	4622	4630	rBV2	16899	26199	3.17%	0.406%
26	16.317	4648	4658	4676	rVB3	30049	52034	6.30%	0.806%
27	16.465	4693	4704	4711	rBV2	33489	56823	6.88%	0.880%
28	16.503	4711	4716	4726	rVB2	17894	27163	3.29%	0.421%
29	16.693	4762	4775	4788	rBV5	10189	22692	2.75%	0.351%
30	16.947	4844	4854	4864	rBV3	23805	39324	4.76%	0.609%
31	17.159	4907	4920	4939	rBV	227882	405273	49.05%	6.276%
32	17.481	5006	5020	5037	rBV	103767	211408	25.58%	3.274%

LSC Area Percent Report

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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

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

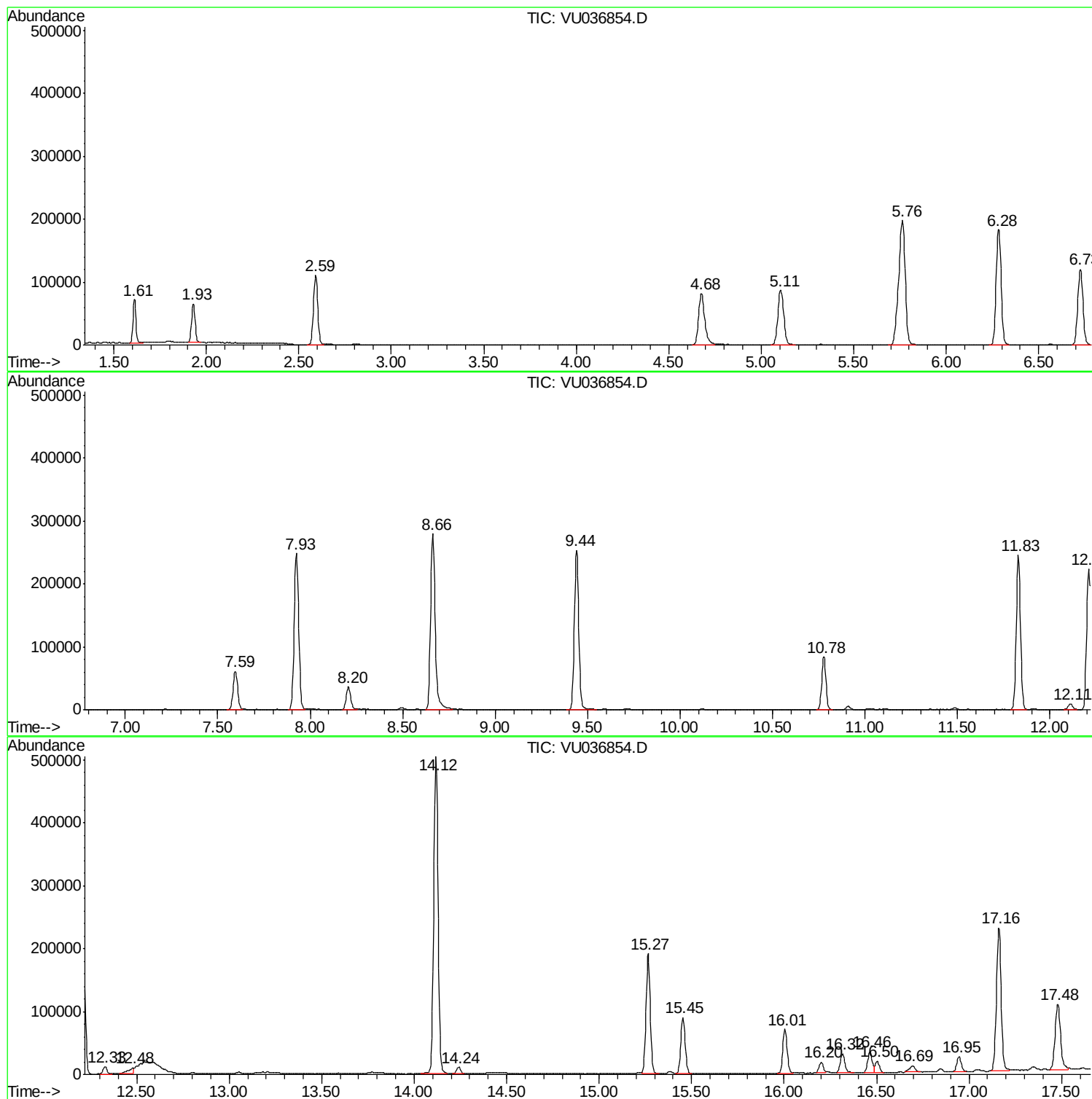
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Quant Title : TRACE VOA SOM01.0

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



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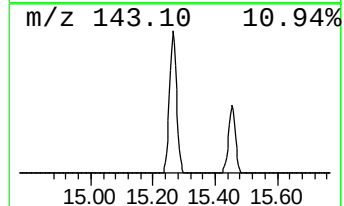
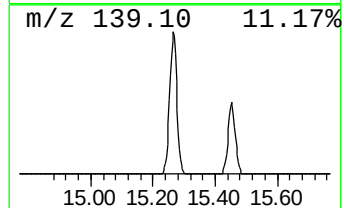
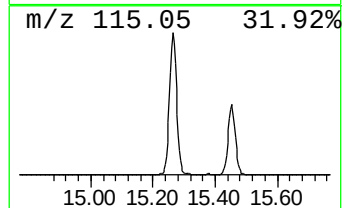
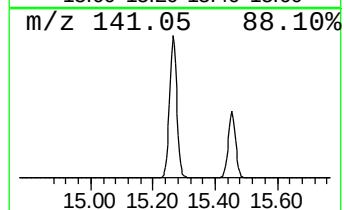
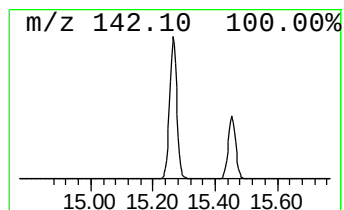
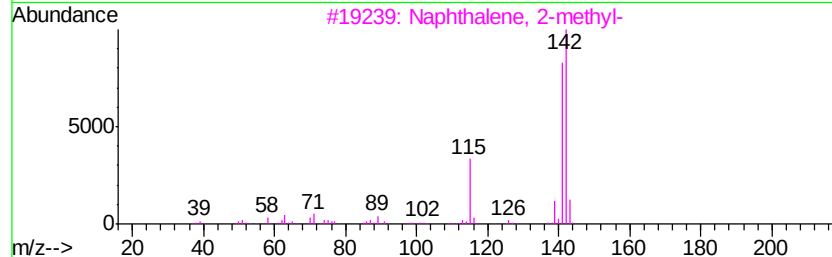
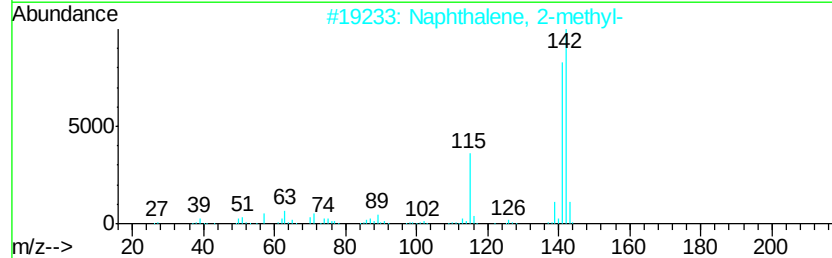
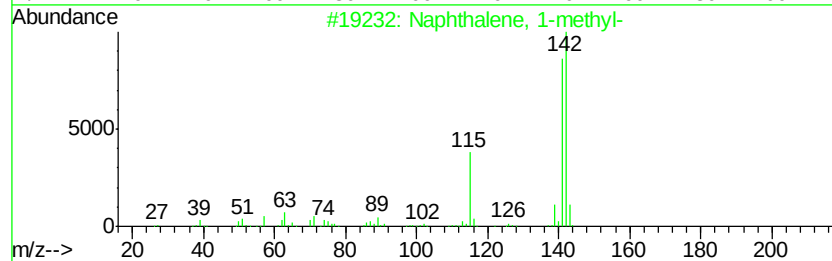
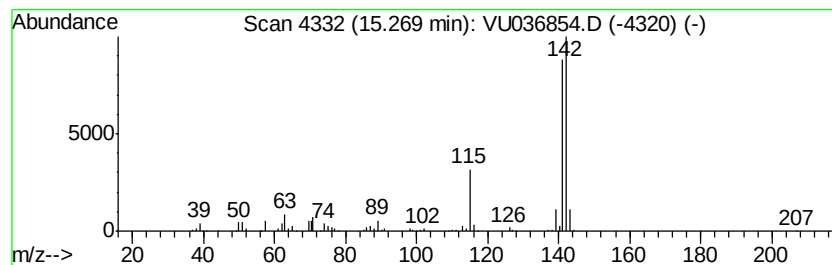
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.88 ug/L	304566	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



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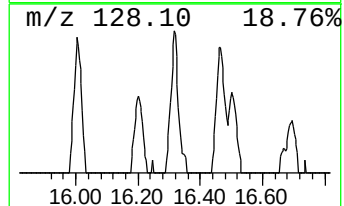
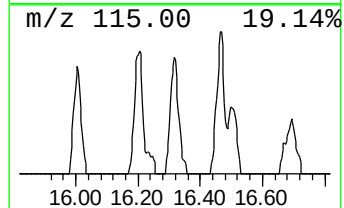
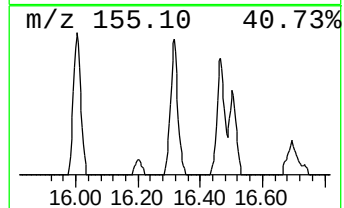
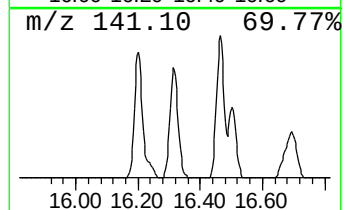
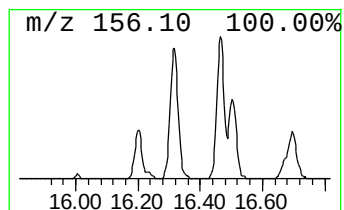
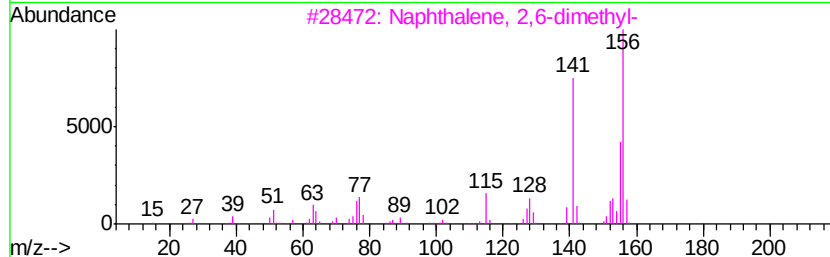
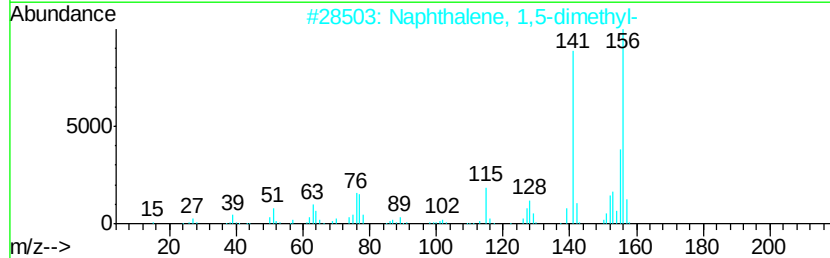
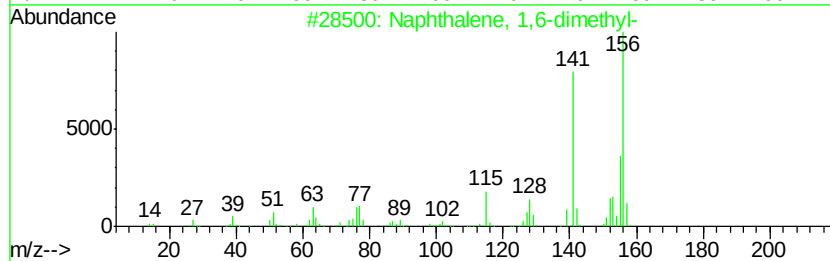
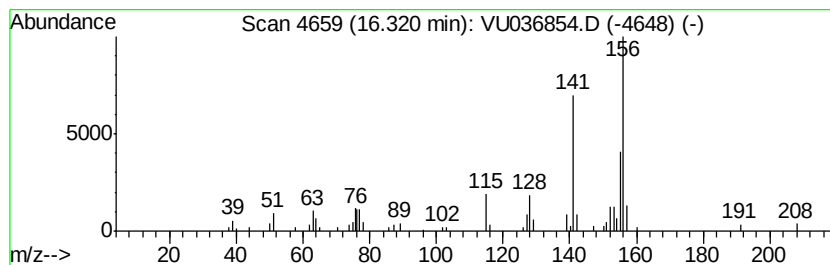
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	0.66 ug/L	52034	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



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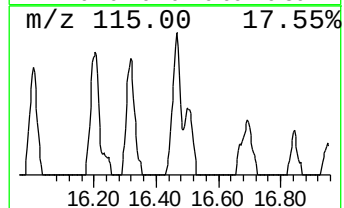
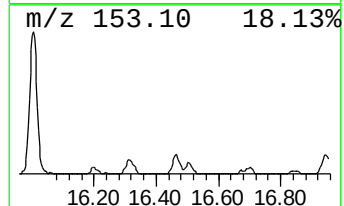
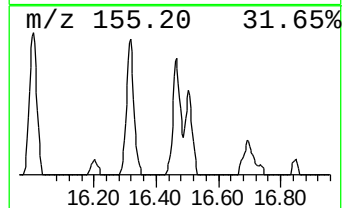
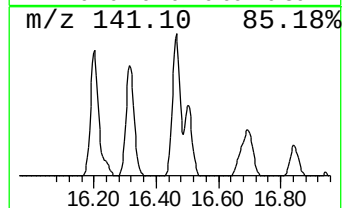
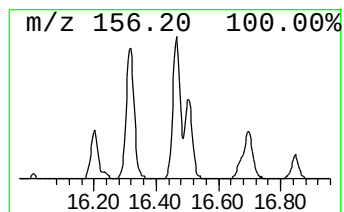
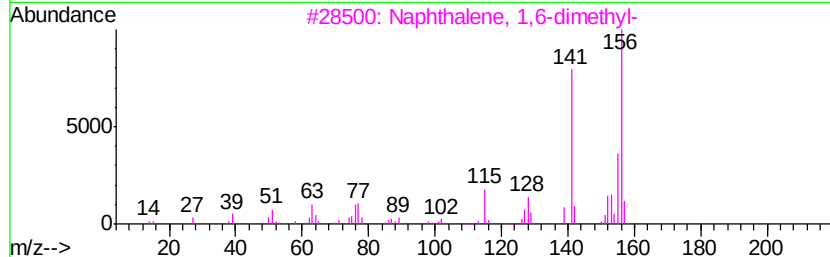
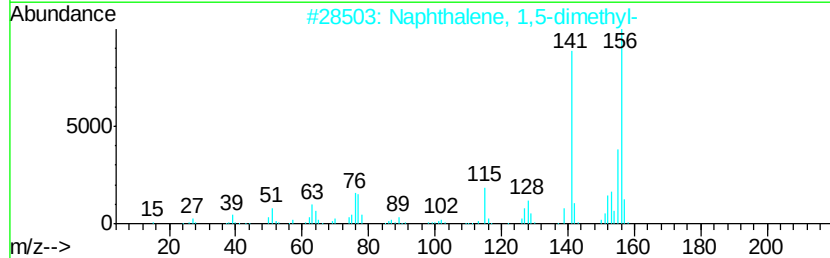
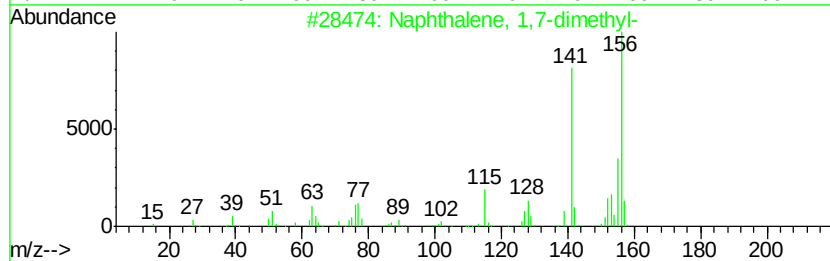
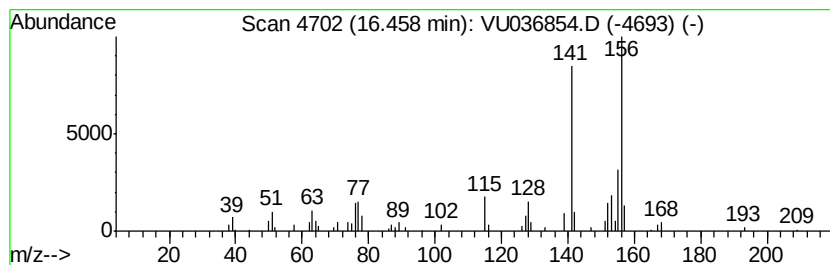
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	0.72 ug/L	56823	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 97



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Instrument :
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ClientSampleId :
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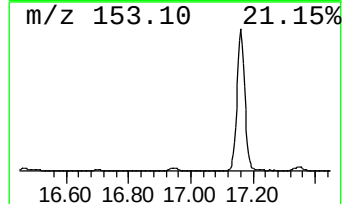
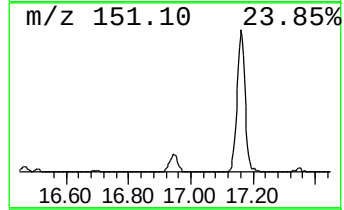
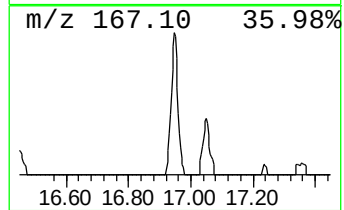
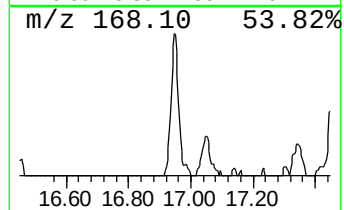
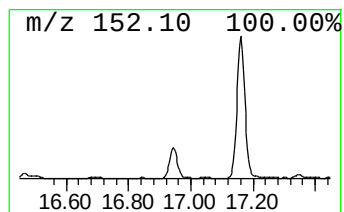
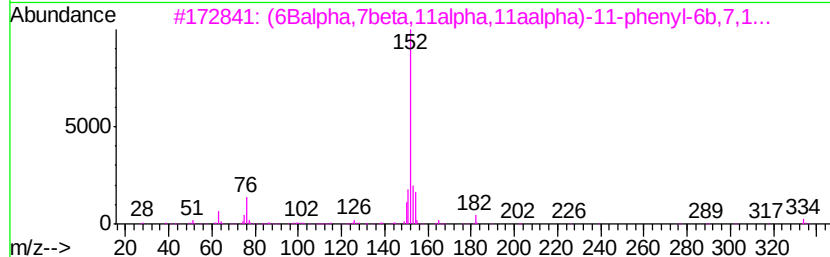
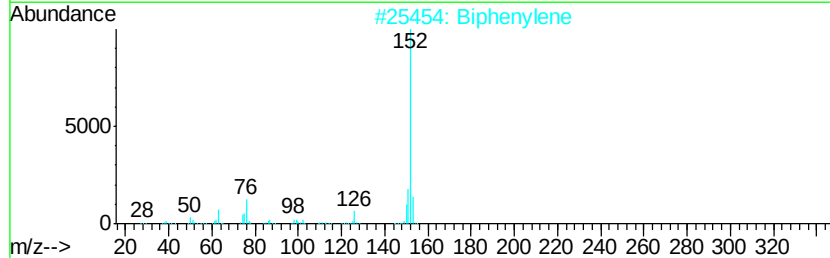
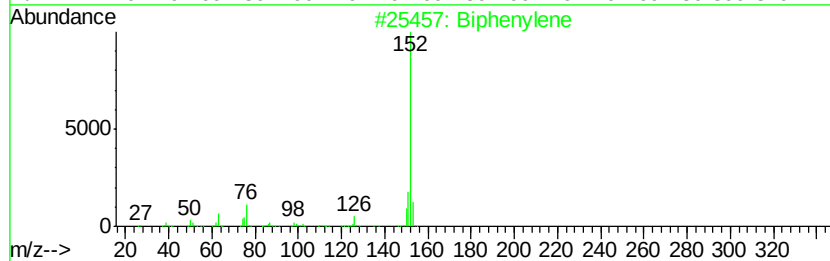
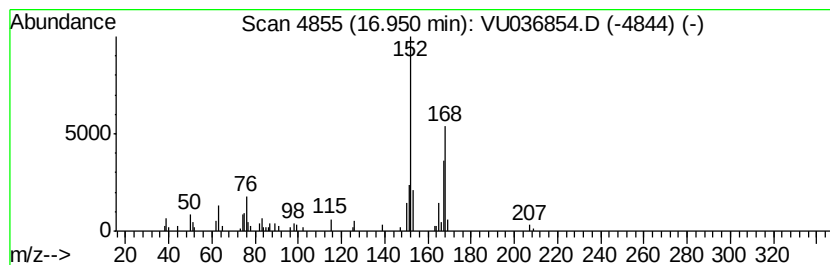
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Biphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	0.50 ug/L	39324	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	60
2		Biphenylene	152	C12H8	000259-79-0	60
3		(6Balpha,7beta,11alpha,11aalpha)...	334	C25H180	1000241-69-8	50
4		Acenaphthylene	152	C12H8	000208-96-8	49
5		1-acenaphthenol, trifluoroacetat...	266	C14H9F302	1000376-45-2	49



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	15.27	3.9	ug/L	304566	3	11.83	392747	5.0
Naphthalene, 1,6-...	16.32	0.7	ug/L	52034	3	11.83	392747	5.0
Naphthalene, 1,7-...	16.46	0.7	ug/L	56823	3	11.83	392747	5.0
Biphenylene	16.95	0.5	ug/L	39324	3	11.83	392747	5.0