

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036776.D
 Acq On : 13 Feb 2020 16:58
 Operator : JC/MD
 Sample : L1517-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX5

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	1.613	77	85	95	rBV	75434	82411	2.54%	0.746%
2	1.932	176	184	197	rVB	67010	85179	2.63%	0.771%
3	2.591	377	389	402	rBV	109381	176848	5.45%	1.602%
4	4.674	1022	1037	1059	rBV	83574	203434	6.27%	1.842%
5	5.105	1154	1171	1191	rBV	87269	198205	6.11%	1.795%
6	5.764	1354	1376	1401	rBV2	201456	503816	15.54%	4.563%
7	6.285	1522	1538	1555	rBV	173051	322929	9.96%	2.925%
8	6.726	1662	1675	1696	rBV	123830	238002	7.34%	2.156%
9	7.597	1933	1946	1968	rBV	65287	113389	3.50%	1.027%
10	7.925	2033	2048	2065	rBV	248072	430429	13.27%	3.898%
11	8.208	2124	2136	2150	rBV2	39113	66029	2.04%	0.598%
12	8.664	2265	2278	2317	rBV	292932	534379	16.48%	4.840%
13	9.439	2507	2519	2552	rVB	239822	401733	12.39%	3.638%
14	10.777	2922	2935	2949	rVB	88113	141829	4.37%	1.285%
15	11.828	3250	3262	3279	rBV	244119	388394	11.98%	3.518%
16	12.211	3368	3381	3396	rVB	241460	384041	11.84%	3.478%
17	14.118	3941	3974	4002	rBV	1990600	3242872	100.00%	29.370%
18	14.240	4002	4012	4023	rVB	49560	78401	2.42%	0.710%
19	15.265	4322	4331	4345	rVB	63321	102718	3.17%	0.930%
20	15.455	4376	4390	4407	rBV	402279	668820	20.62%	6.057%
21	16.005	4542	4561	4575	rBV	309919	501055	15.45%	4.538%
22	16.201	4605	4622	4630	rBV	58617	99715	3.07%	0.903%
23	16.314	4646	4657	4680	rVB	97100	172703	5.33%	1.564%
24	16.468	4685	4705	4726	rVV	168287	297592	9.18%	2.695%
25	16.696	4758	4776	4798	rBV3	48305	121038	3.73%	1.096%
26	16.847	4813	4823	4838	rVB3	25429	42241	1.30%	0.383%
27	16.947	4843	4854	4871	rVV3	50550	89168	2.75%	0.808%
28	17.162	4908	4921	4941	rBV	542749	944924	29.14%	8.558%
29	17.484	5007	5021	5044	rBV	203253	409111	12.62%	3.705%

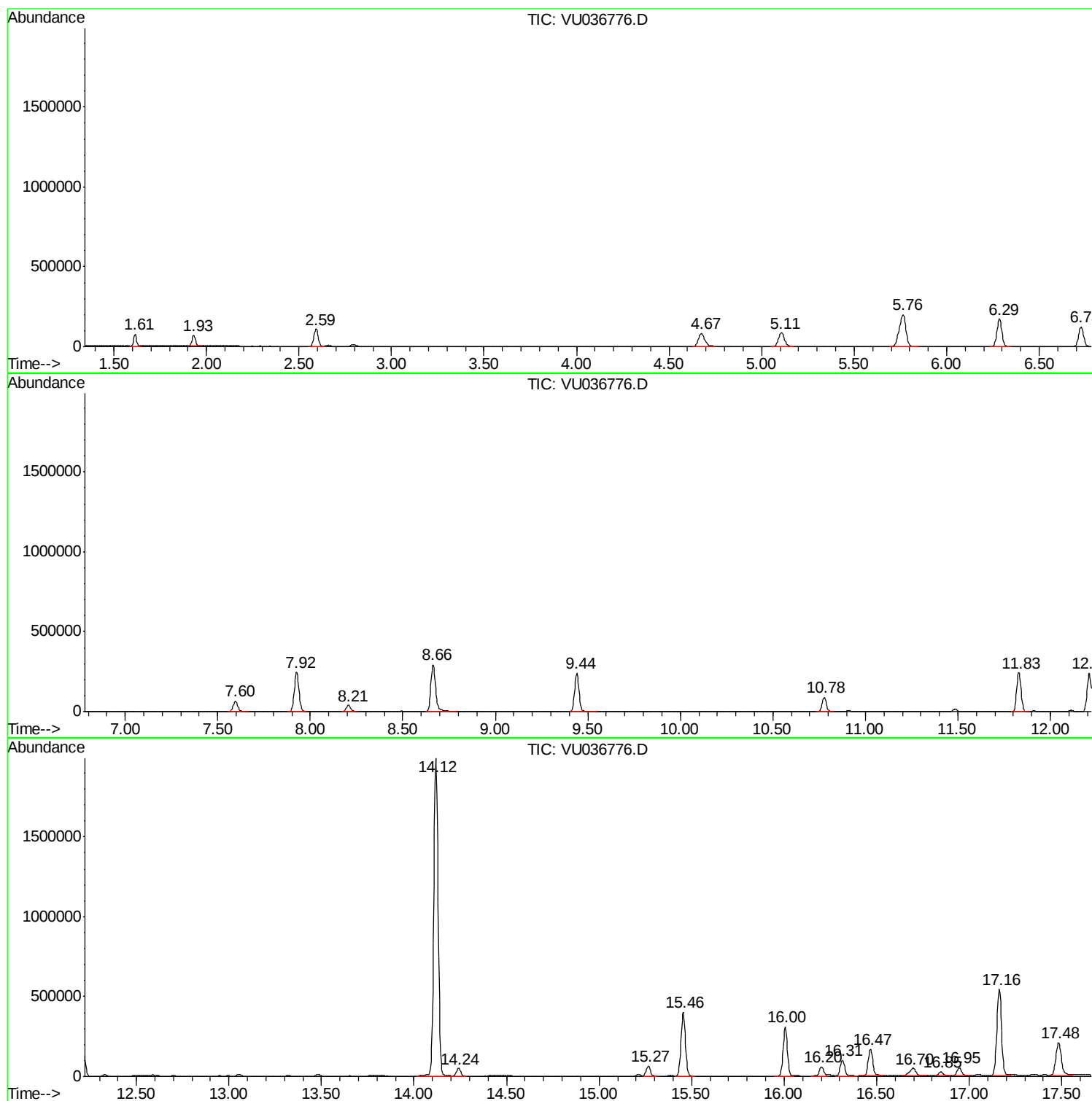
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX5

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



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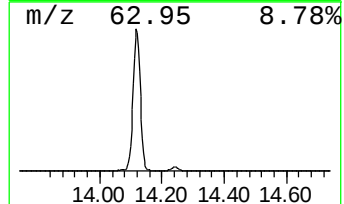
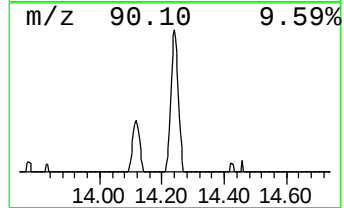
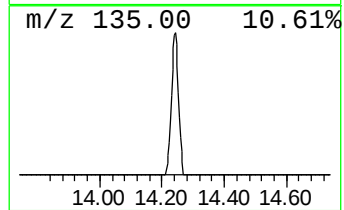
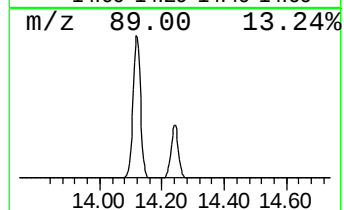
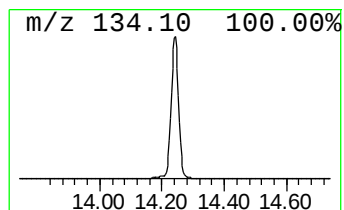
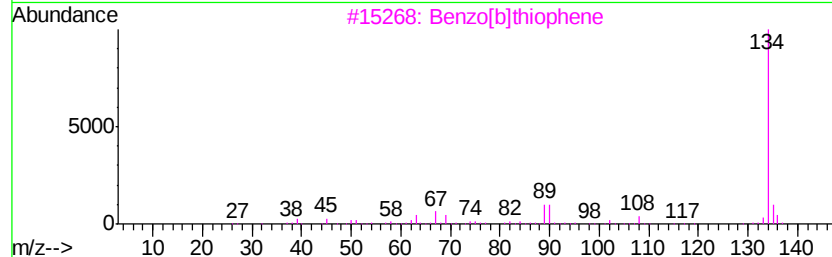
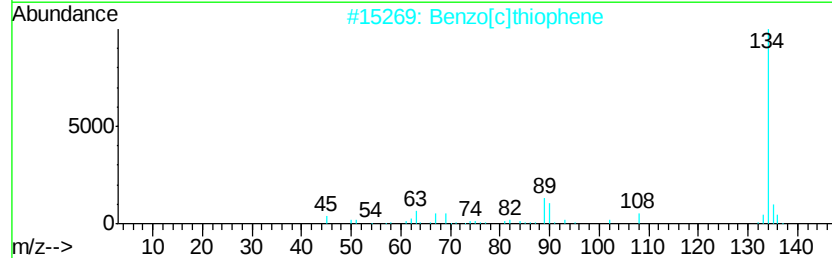
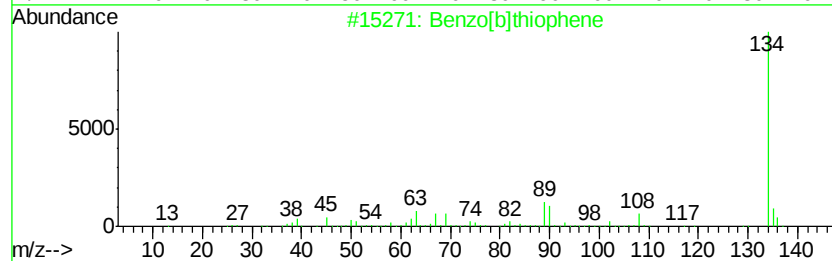
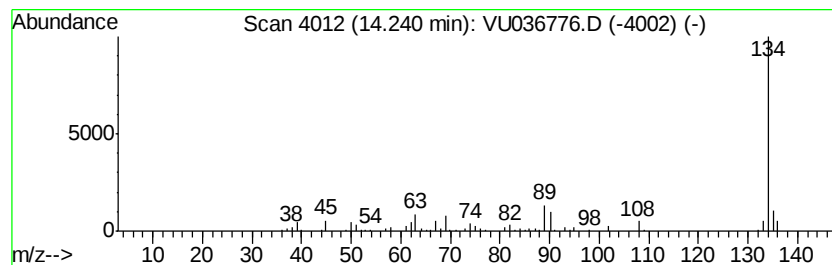
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzo[b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	1.01 ug/L	78401	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90



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ClientSampleId :
DBCX5

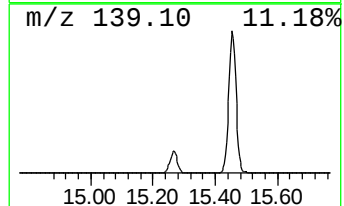
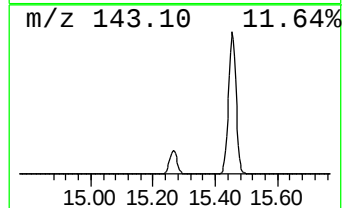
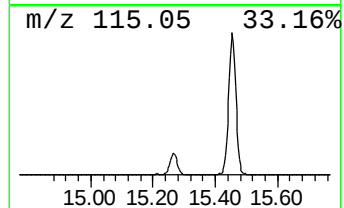
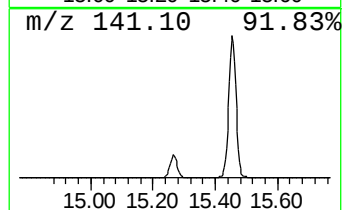
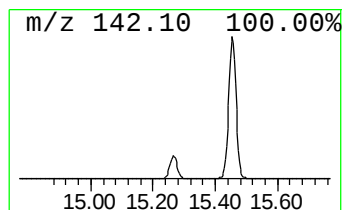
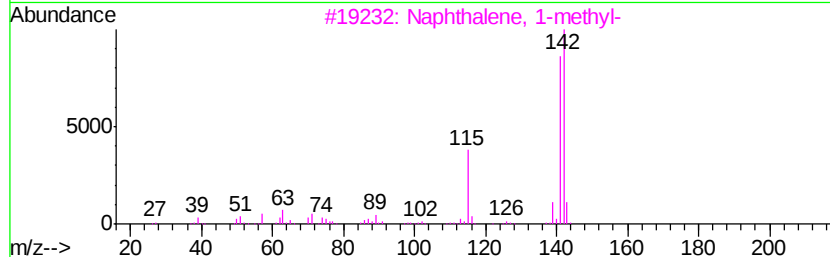
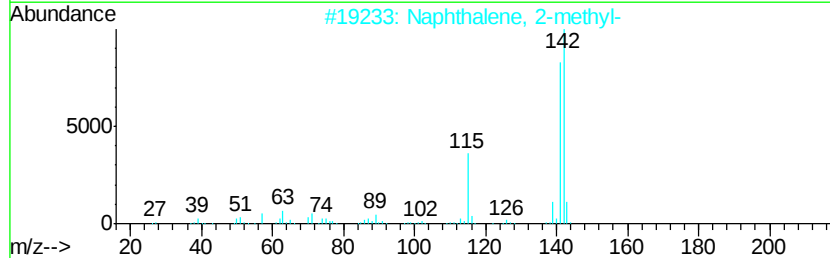
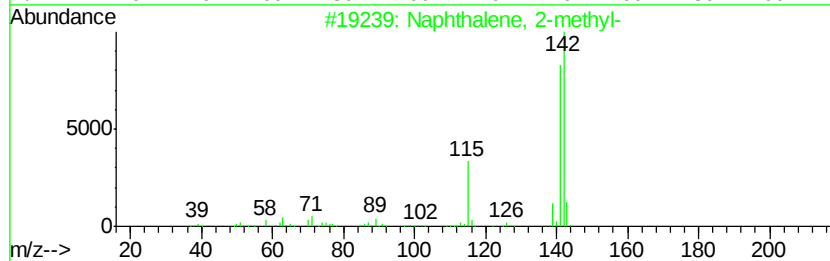
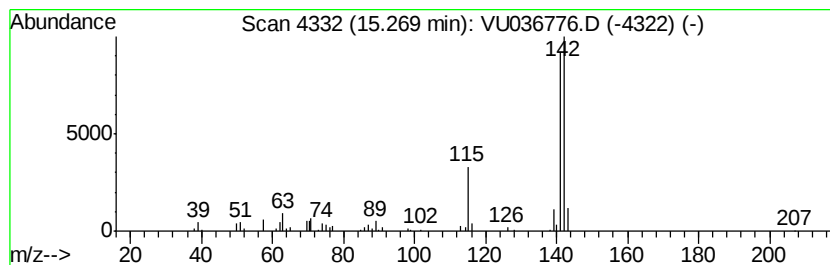
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	1.32 ug/L	102718	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX5

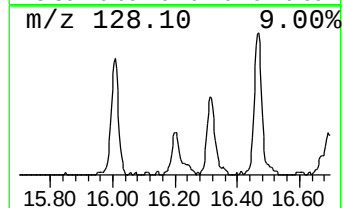
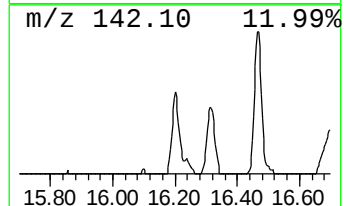
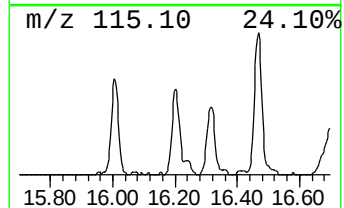
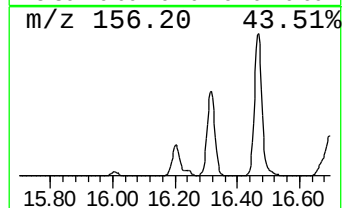
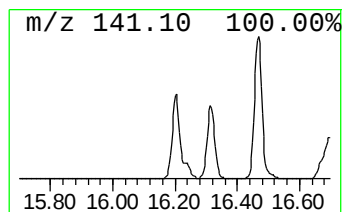
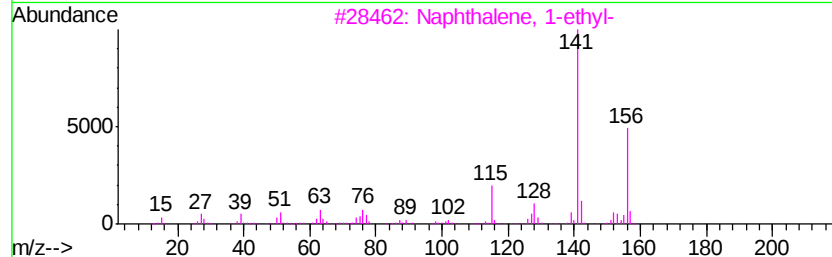
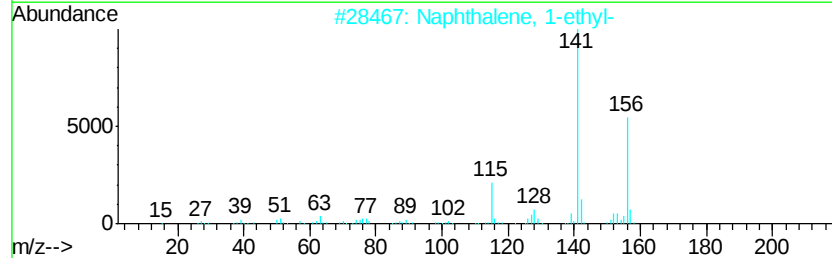
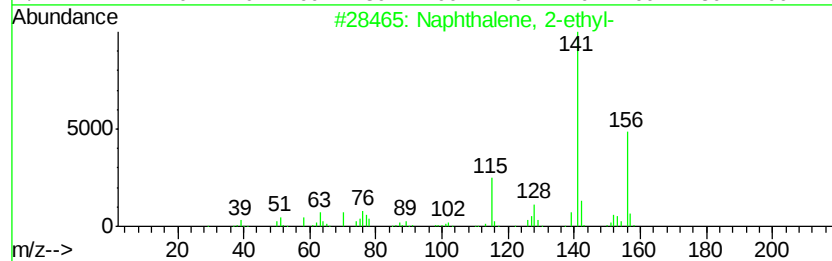
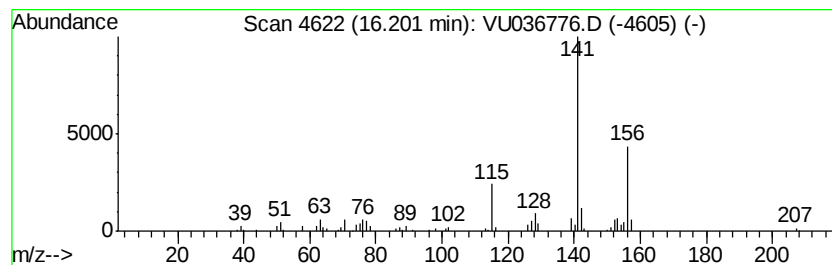
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	1.28 ug/L	99715	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



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Sample : L1517-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
DBCX5

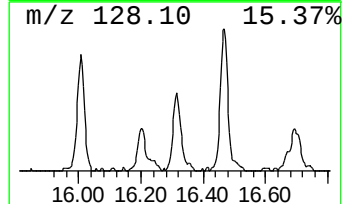
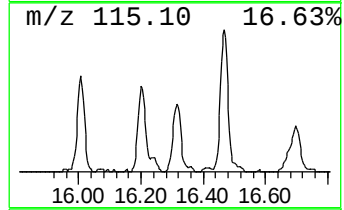
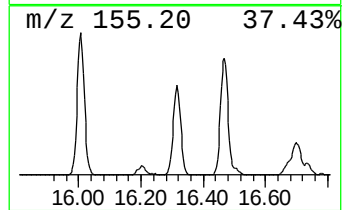
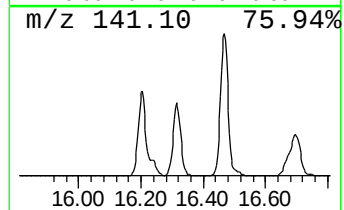
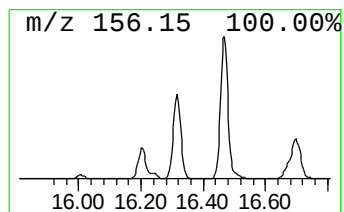
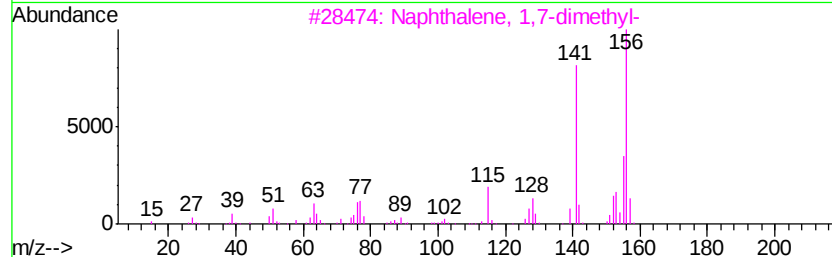
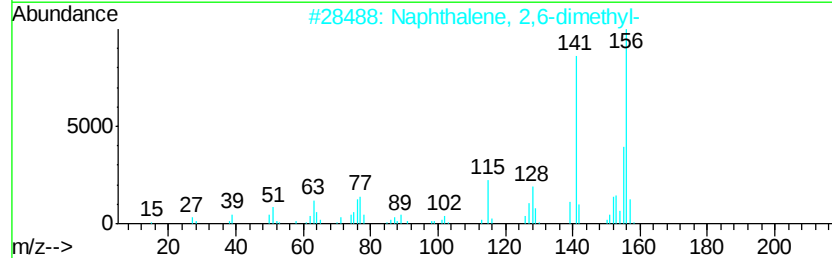
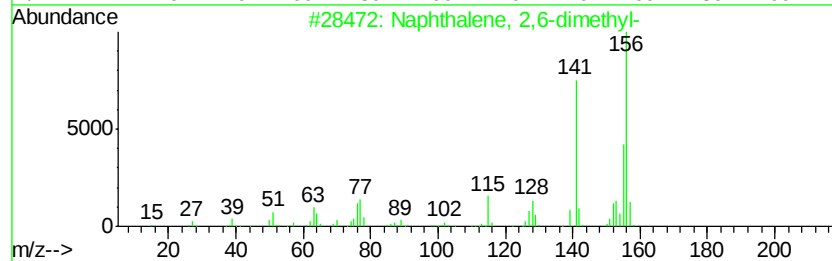
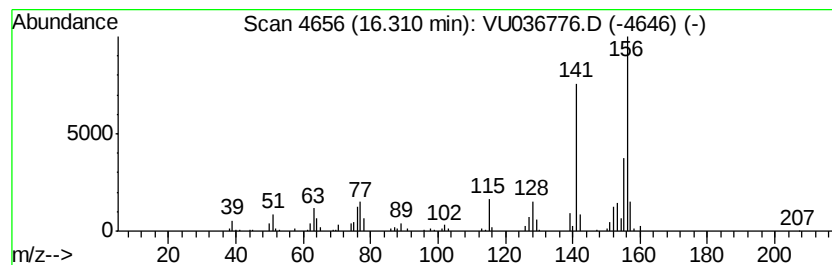
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.22 ug/L	172703	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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Sample : L1517-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

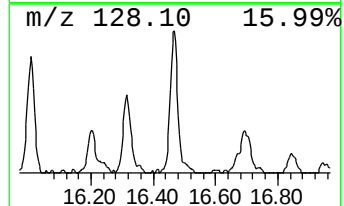
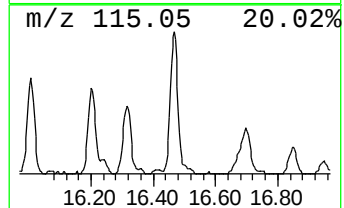
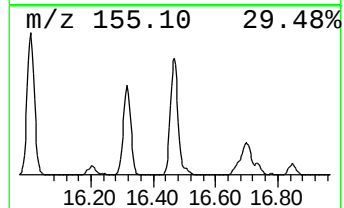
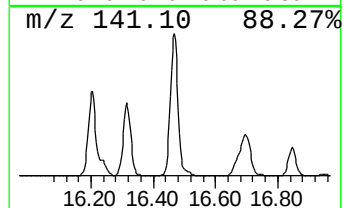
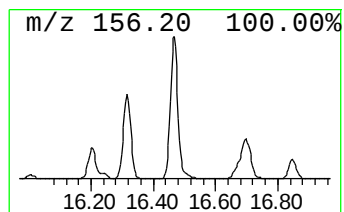
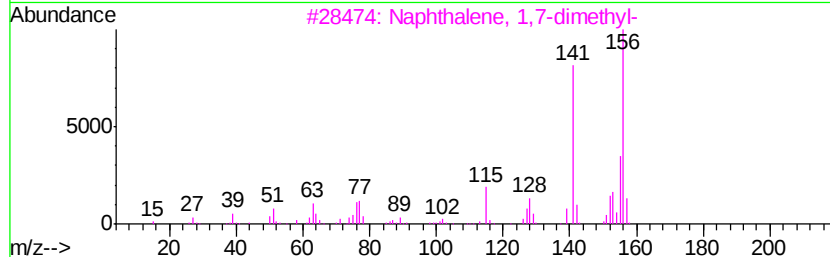
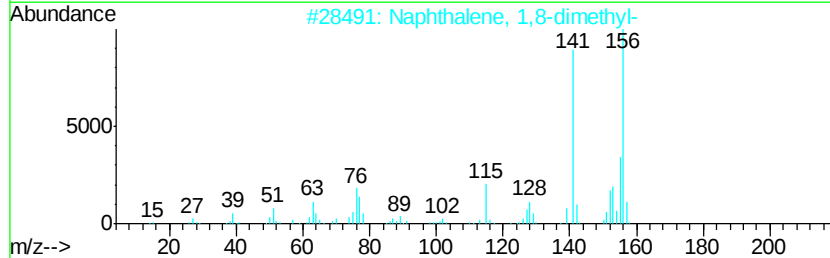
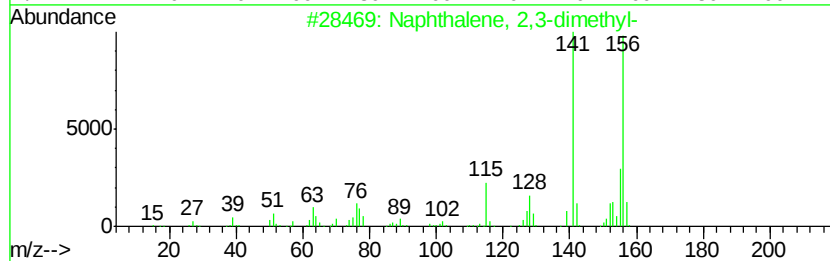
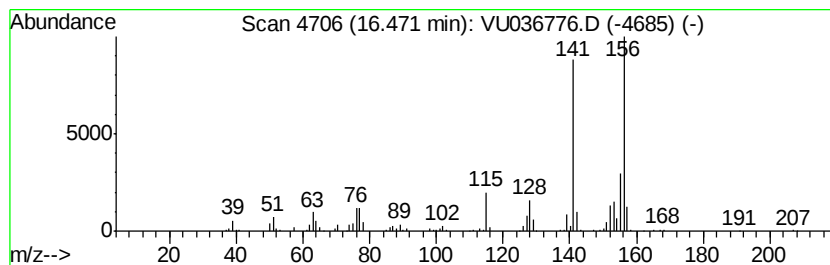
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.83 ug/L	297592	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98



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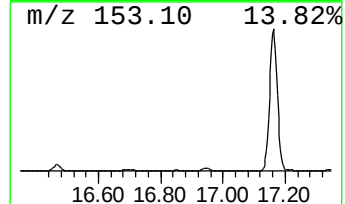
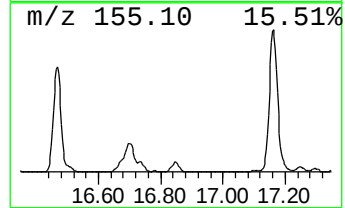
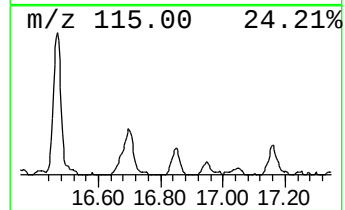
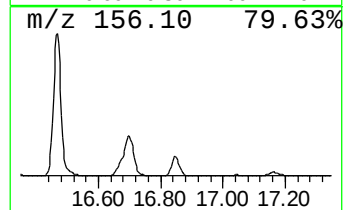
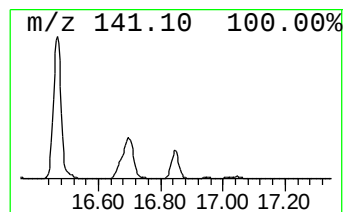
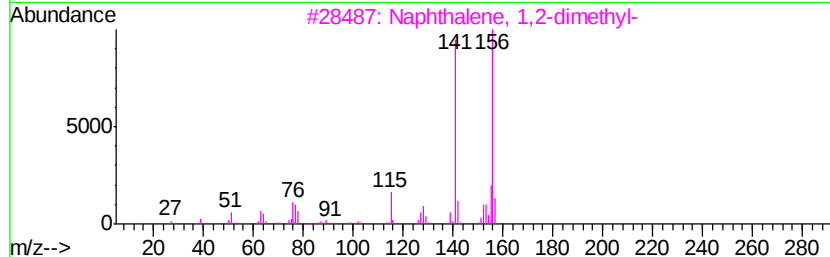
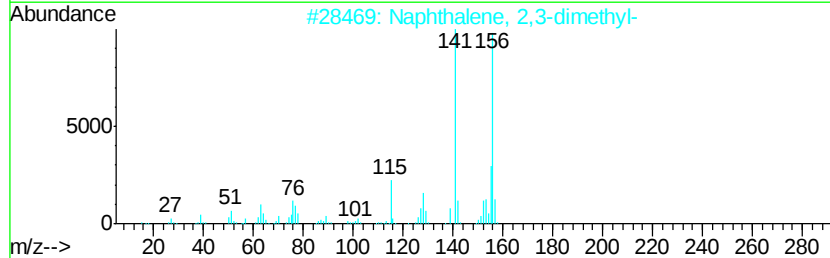
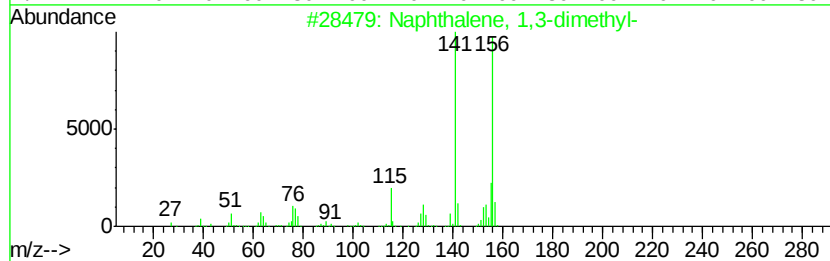
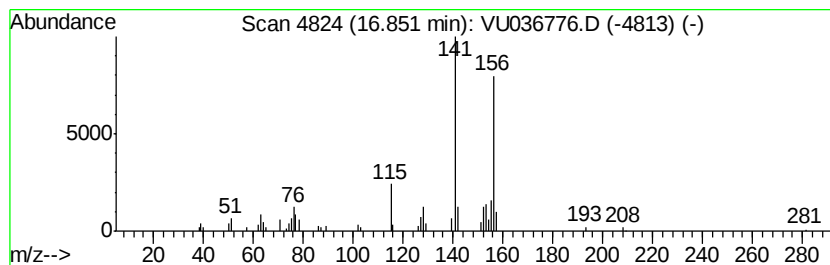
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	0.54 ug/L	42241	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036776.D
Acq On : 13 Feb 2020 16:58
Operator : JC/MD
Sample : L1517-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX5

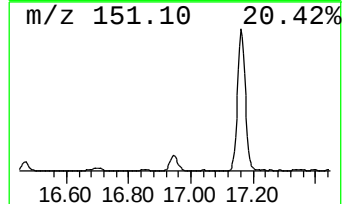
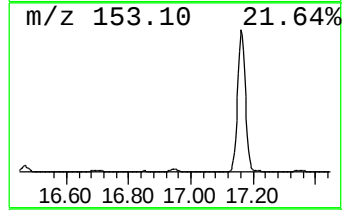
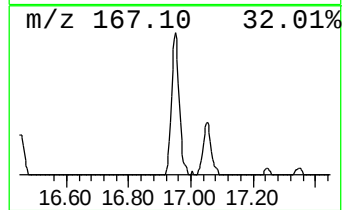
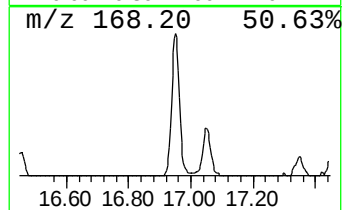
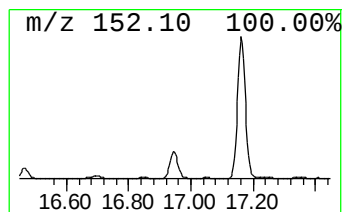
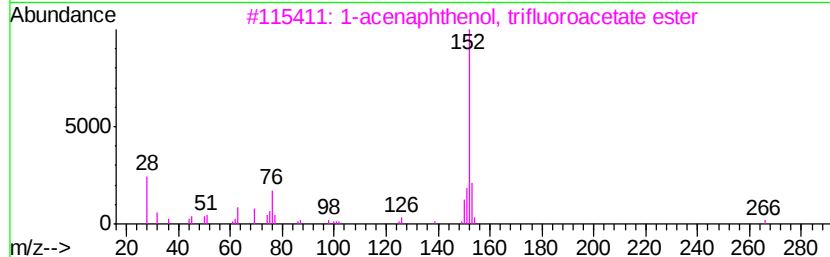
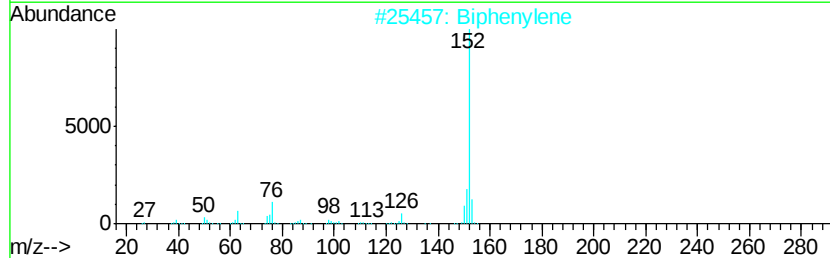
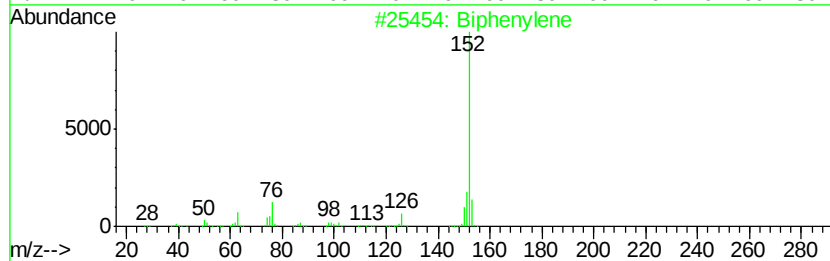
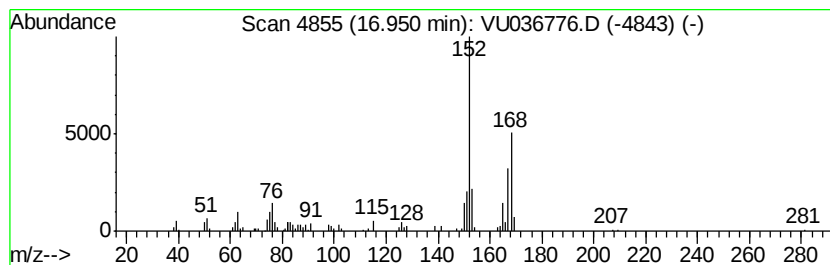
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Biphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	1.15 ug/L	89168	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	78
2			Biphenylene	152	C12H8	000259-79-0	60
3			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	53
4			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	50
5			Acenaphthylene	152	C12H8	000208-96-8	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\
 Data File : VU036776.D
 Acq On : 13 Feb 2020 16:58
 Operator : JC/MD
 Sample : L1517-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzo[b]thiophene	14.24	1.0	ug/L	78401	3	11.83	388394	5.0
Naphthalene, 1-me...	15.27	1.3	ug/L	102718	3	11.83	388394	5.0
Naphthalene, 2-et...	16.20	1.3	ug/L	99715	3	11.83	388394	5.0
Naphthalene, 2,6-...	16.31	2.2	ug/L	172703	3	11.83	388394	5.0
Naphthalene, 2,3-...	16.47	3.8	ug/L	297592	3	11.83	388394	5.0
Naphthalene, 1,3-...	16.85	0.5	ug/L	42241	3	11.83	388394	5.0
Biphenylene	16.95	1.1	ug/L	89168	3	11.83	388394	5.0