

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028146.D
 Acq On : 15 Nov 2018 02:06
 Operator : MD/SY
 Sample : J5943-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH7

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\SOMUTR111418WMA.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	1.302	35	40	45	rBV	11619	10352	1.42%	0.170%
2	1.398	59	70	84	rBV3	338737	466715	63.98%	7.662%
3	1.681	151	158	173	rVV	71444	99520	13.64%	1.634%
4	1.759	175	182	196	rVB2	21470	29026	3.98%	0.477%
5	1.958	237	244	254	rVB4	9198	14665	2.01%	0.241%
6	2.099	280	288	293	rBV4	5754	9779	1.34%	0.161%
7	2.273	330	342	357	rBV	132893	212873	29.18%	3.495%
8	2.787	495	502	518	rVB4	8022	15838	2.17%	0.260%
9	2.984	552	563	578	rVB2	33848	66215	9.08%	1.087%
10	3.447	689	707	725	rBV	79522	178333	24.45%	2.928%
11	4.228	933	950	998	rBV3	93401	353440	48.45%	5.803%
12	4.649	1065	1081	1100	rBV	92167	219356	30.07%	3.601%
13	4.993	1172	1188	1202	rBV5	6642	16154	2.21%	0.265%
14	5.340	1275	1296	1307	rBV3	203736	553006	75.81%	9.079%
15	5.887	1452	1466	1492	rBV	180877	356695	48.90%	5.856%
16	6.189	1547	1560	1580	rVB4	18020	40627	5.57%	0.667%
17	6.334	1580	1605	1621	rBV	134257	285661	39.16%	4.690%
18	7.231	1872	1884	1904	rBV	64059	118252	16.21%	1.941%
19	7.565	1974	1988	2002	rBV	256245	446385	61.19%	7.329%
20	7.639	2002	2011	2024	rVB2	16868	30602	4.20%	0.502%
21	7.851	2067	2077	2093	rBV2	37556	66866	9.17%	1.098%
22	8.093	2144	2152	2162	rBV5	4759	8225	1.13%	0.135%
23	8.318	2209	2222	2254	rBV	380081	729468	100.00%	11.976%
24	9.089	2450	2462	2488	rBV	258790	435562	59.71%	7.151%
25	9.250	2506	2512	2521	rBV2	5773	7881	1.08%	0.129%
26	9.376	2539	2551	2566	rVB3	14393	27022	3.70%	0.444%
27	9.784	2669	2678	2689	rBV2	6088	10427	1.43%	0.171%
28	10.433	2869	2880	2894	rBV	97601	154475	21.18%	2.536%
29	11.485	3195	3207	3228	rBV	256984	405657	55.61%	6.660%
30	11.861	3312	3324	3341	rBV	234461	394768	54.12%	6.481%
31	12.539	3524	3535	3540	rBV4	6030	8450	1.16%	0.139%
32	12.790	3605	3613	3624	rVB7	5402	8021	1.10%	0.132%
33	12.922	3645	3654	3662	rBV4	5904	8338	1.14%	0.137%
34	13.002	3666	3679	3688	rVB5	5173	8707	1.19%	0.143%

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

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Title : TRACE VOA SOM01.0

35	13.745	3902	3910	3920	rBV	5252	8339	1.14%	0.137%
36	14.353	4088	4099	4109	rBV8	6062	9759	1.34%	0.160%
37	14.678	4193	4200	4209	rBV8	5345	8532	1.17%	0.140%
38	14.880	4250	4263	4273	rBV3	25296	47633	6.53%	0.782%
39	15.063	4304	4320	4333	rVB3	11436	22257	3.05%	0.365%
40	15.610	4471	4490	4500	rBV3	19977	42754	5.86%	0.702%
41	15.800	4543	4549	4559	rBV5	8386	12393	1.70%	0.203%
42	15.919	4573	4586	4598	rBV2	21528	41491	5.69%	0.681%
43	16.060	4622	4630	4636	rBV4	19424	30838	4.23%	0.506%
44	16.099	4637	4642	4652	rVB3	18876	27458	3.76%	0.451%
45	16.285	4694	4700	4711	rVB10	7001	12333	1.69%	0.202%
46	16.433	4735	4746	4755	rBV5	6679	10359	1.42%	0.170%
47	16.539	4771	4779	4791	rBV3	12166	19545	2.68%	0.321%

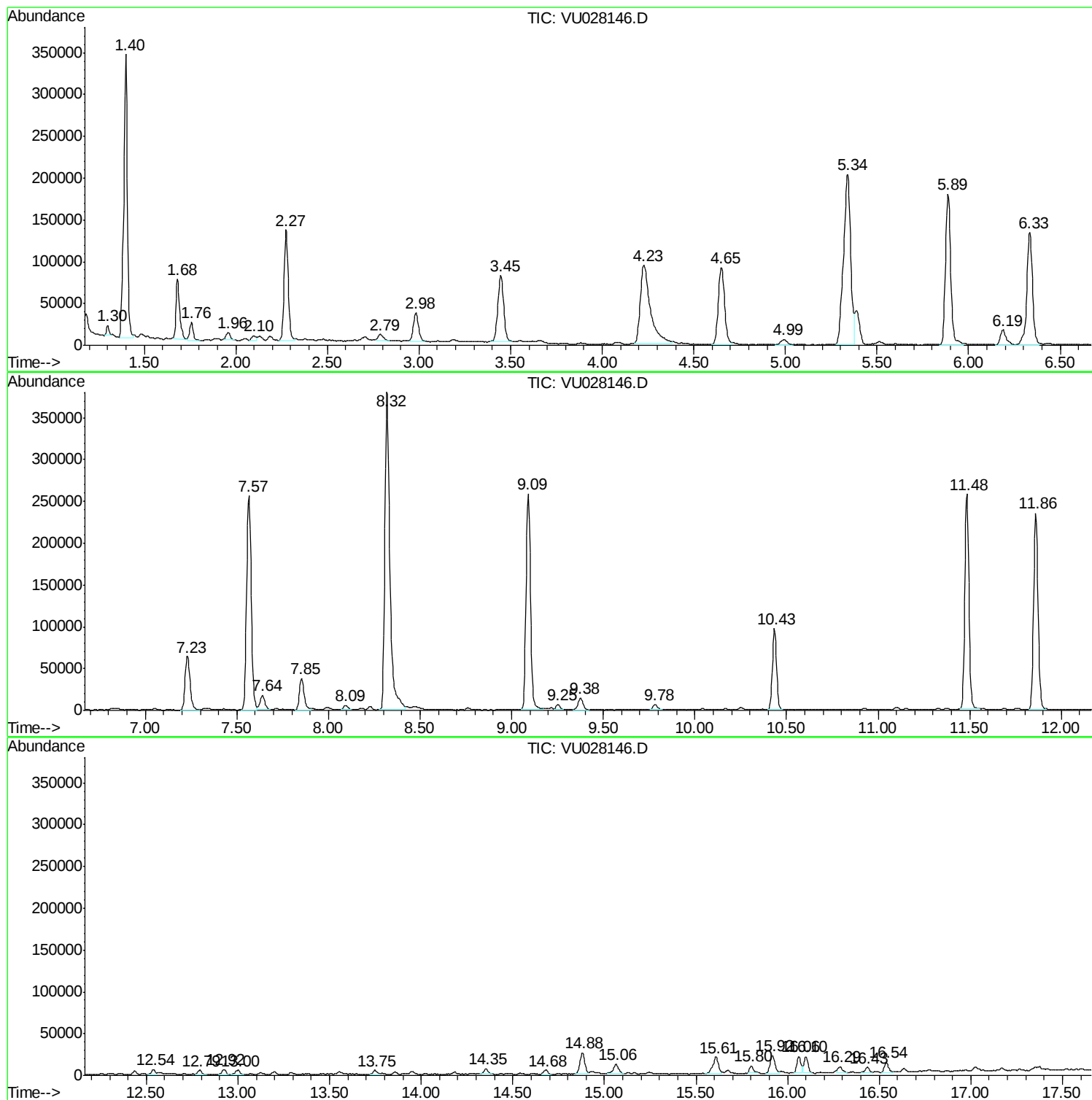
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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



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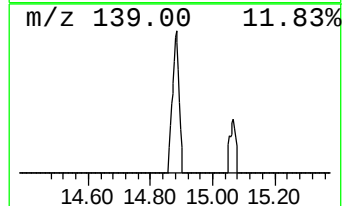
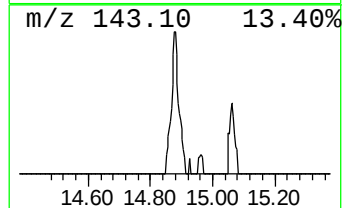
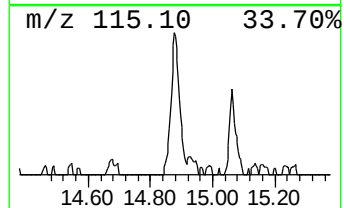
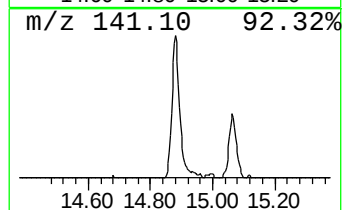
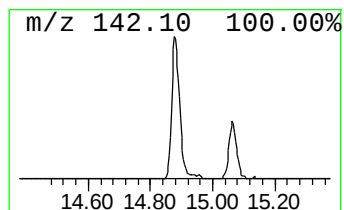
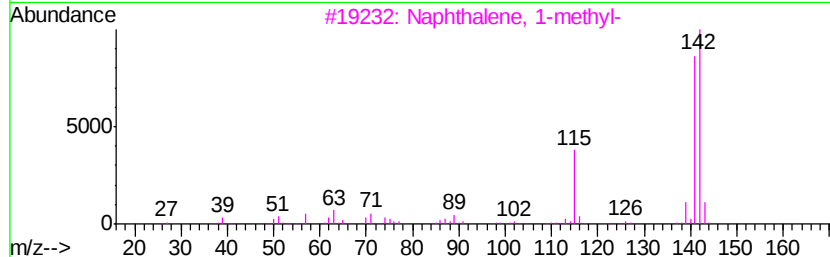
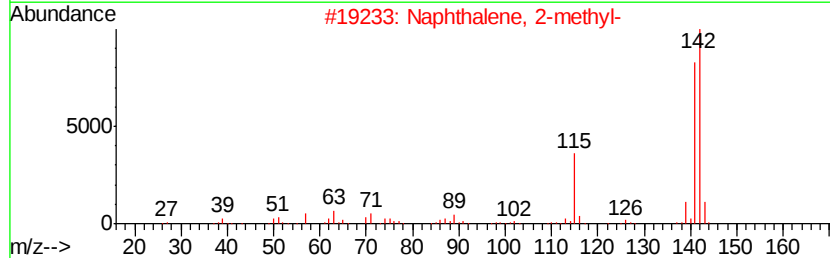
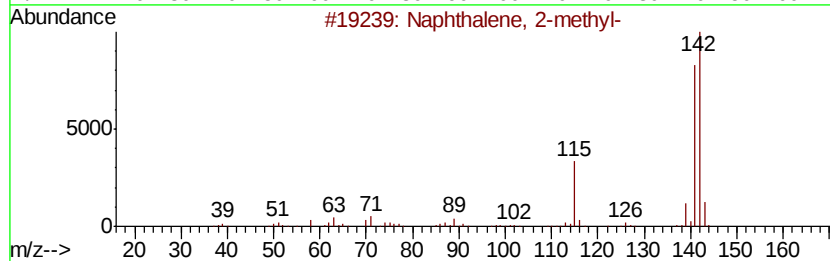
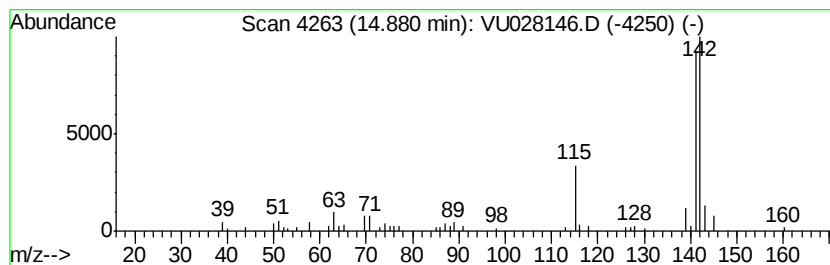
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	0.59 ug/L	47633	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
H0FH7

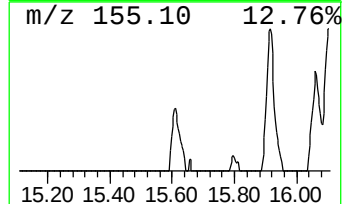
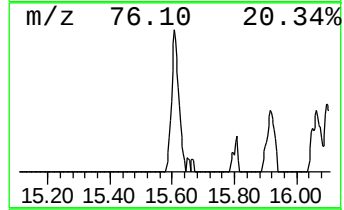
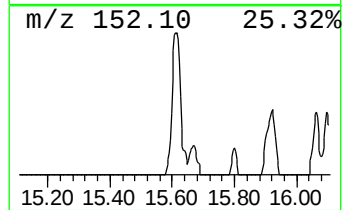
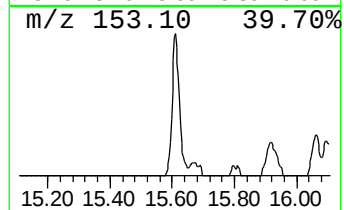
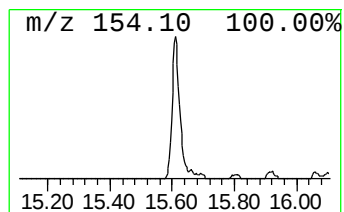
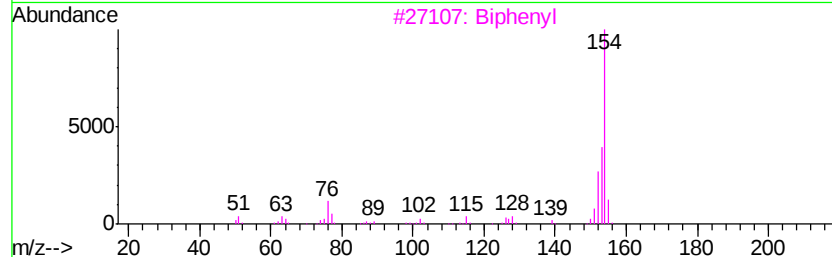
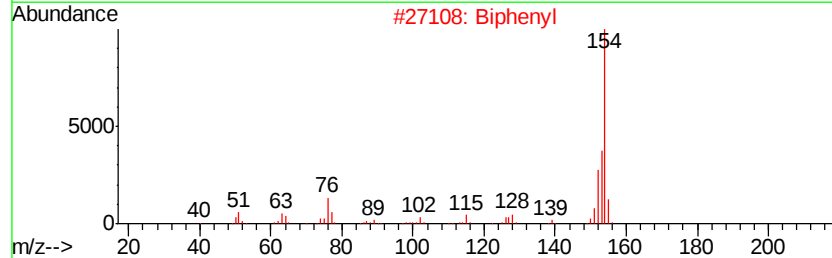
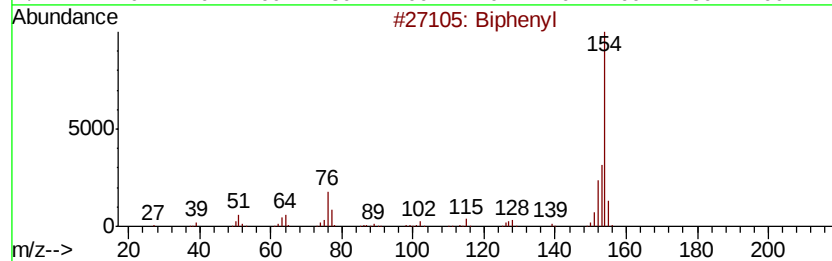
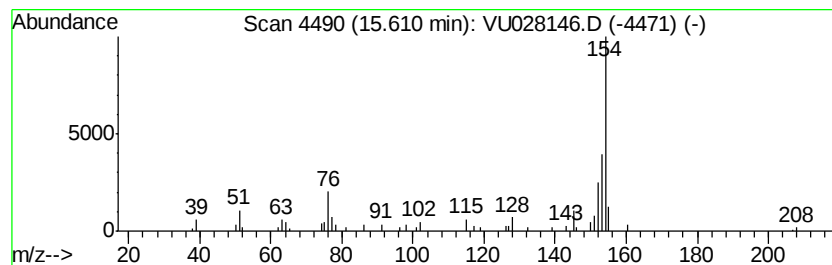
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	0.53 ug/L	42754	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	81
2	Biphenyl		154	C12H10	000092-52-4	76
3	Biphenyl		154	C12H10	000092-52-4	76
4	Biphenyl		154	C12H10	000092-52-4	72
5	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	68



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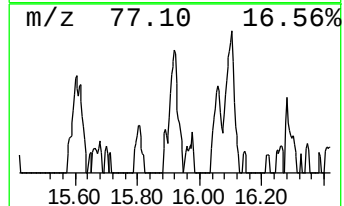
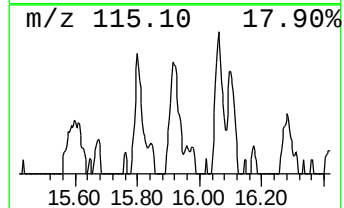
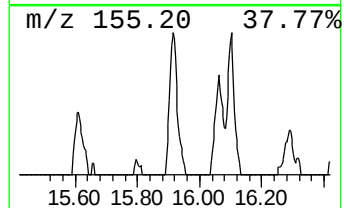
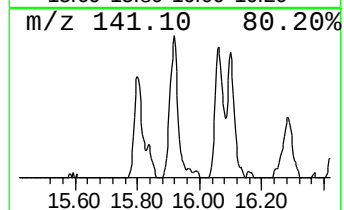
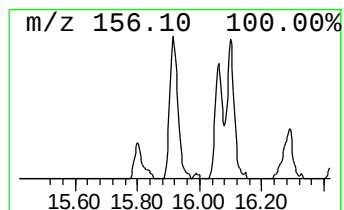
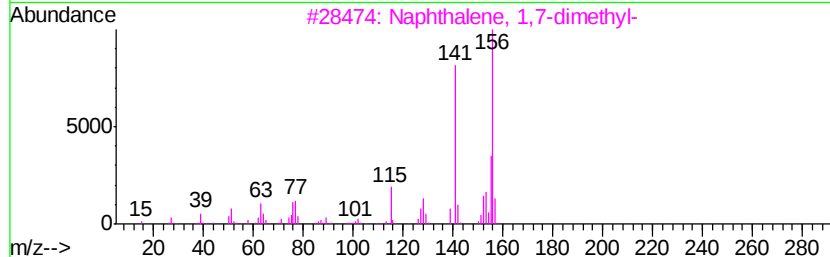
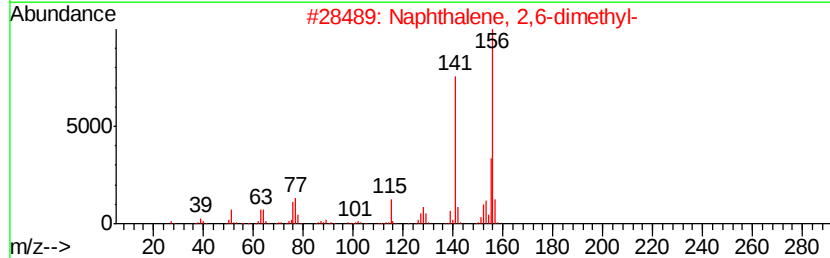
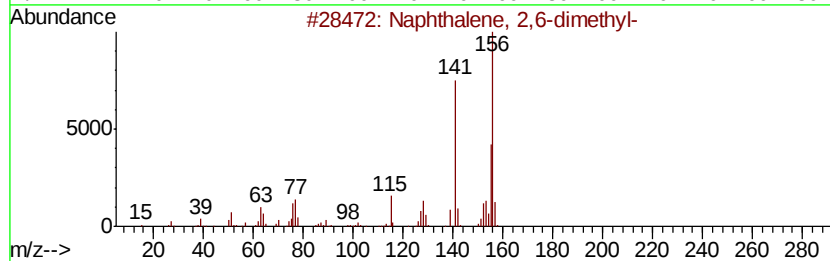
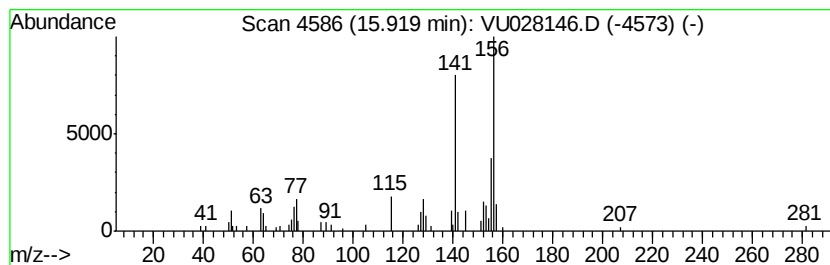
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	0.51 ug/L	41491	1,4-Dichlorobenzene-d4	11.48

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



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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...	14.88	0.6	ug/L	47633	3	11.48	405657	5.0
Biphenyl	15.61	0.5	ug/L	42754	3	11.48	405657	5.0
Naphthalene, 2,6-...	15.92	0.5	ug/L	41491	3	11.48	405657	5.0