LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

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_V\METHOD\SOMVTR081919WMA.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	1.116	5	8	20	rVB3	12694	15570	1.02%	0.138%
2	1.322	63	72	80	rVB	73206	80290	5.28%	0.714%
3	1.582	146	153	169	rVB	43673	53724	3.54%	0.478%
4	2.129	312	323	333	rBV	87880	128673	8.47%	1.144%
5	2.187	333	341	356	rVB	37161	56470	3.72%	0.502%
6	2.299	368	376	389	rVB2	11841	22752	1.50%	0.202%
7	3.068	603	615	630	rVB3	16419	32242	2.12%	0.287%
8	3.804	830	844	861	rVB3	20814	51504	3.39%	0.458%
9	3.949	869	889	929	rBV7	42910	188118	12.38%	1.672%
10	4.399	1012	1029	1056	rBV	86029	212733	14.00%	1.891%
11	4.720	1114	1129	1145	rBV4	13933	33910	2.23%	0.301%
12	5.093	1227	1245	1268	rBV2	194322	469770	30.91%	4.176%
13	5.662	1409	1422	1438	rBV	166873	328210	21.60%	2.918%
14	6.116	1550	1563	1585	rBV2	105890	214519	14.12%	1.907%
15	7.029	1836	1847	1863	rBV	54010	96856	6.37%	0.861%
16	7.357	1936	1949	1965	rBV	234821	406237	26.73%	3.611%
17	7.431	1965	1972	1985	rVB	10202	17674	1.16%	0.157%
18	7.662	2031	2044	2060	rBV	33913	56985	3.75%	0.507%
19	8.132	2177	2190	2223	rBV3	204293	470386	30.95%	4.182%
20	8.894	2414	2427	2446	rBV	259557	418987	27.57%	3.725%
21	9.055	2467	2477	2489	rVB	13773	20897	1.38%	0.186%
22	9.180	2502	2516	2528	rBV2	15489	24350	1.60%	0.216%
23	10.260	2833	2852	2866	rBV	84361	138793	9.13%	1.234%
24	10.958	3056	3069	3081	rVB	11872	18621	1.23%	0.166%
25	11.292	3161	3173	3193	rBV	285002	445397	29.31%	3.959%
26	11.572	3246	3260	3278	rBV	98910	160524	10.56%	1.427%
27	11.669	3278	3290	3307	rVV	269886	421844	27.76%	3.750%
28	12.511	3542	3552	3563	rBV5	8954	16470	1.08%	0.146%
29	12.926	3672	3681	3695	rBV4	9589	15359	1.01%	0.137%
30	13.546	3863	3874	3897	rVB	746674	1207791	79.48%	10.737%
31	13.669	3902	3912	3922	rVB	25184	39243	2.58%	0.349%
32	14.678	4216	4226	4240	rVB	141576	221227	14.56%	1.967%
33	14.865	4271	4284	4302	rVB	252253	411195	27.06%	3.655%
34	15.411	4435	4454	4468	rBV2	102949	166149	10.93%	1.477%

LSC Area Percent Report

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Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

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_V\METHOD\SOMVTR081919WMA.M
Title : TRACE VOA SOM01.0

35	15.601	4495	4513	4519	rBV2	28492	49639	3.27%	0.441%
36	15.713	4537	4548	4569	rVB	101549	179413	11.81%	1.595%
37	15.858	4579	4593	4600	rBV	135626	216674	14.26%	1.926%
38	15.897	4600	4605	4618	rVB	77828	110884	7.30%	0.986%
39	16.086	4647	4664	4686	rVB3	53980	138243	9.10%	1.229%
40	16.231	4699	4709	4723	rBV2	30248	49902	3.28%	0.444%
41	16.334	4728	4741	4756	rBV5	96795	180995	11.91%	1.609%
42	16.434	4759	4772	4781	rVV3	32907	52315	3.44%	0.465%
43	16.533	4791	4803	4813	rBV	925737	1519701	100.00%	13.510%
44	16.710	4851	4858	4866	rBV	30337	48137	3.17%	0.428%
45	16.768	4871	4876	4884	rVV3	32922	51685	3.40%	0.459%
46	16.832	4884	4896	4916	rVB	689941	1127865	74.22%	10.026%
47	16.964	4930	4937	4945	rVB3	28795	44759	2.95%	0.398%
48	17.022	4948	4955	4965	rBV3	16654	24812	1.63%	0.221%
49	17.157	4982	4997	5016	rVB7	23375	69035	4.54%	0.614%
50	17.443	5074	5086	5104	rBV	336098	609169	40.08%	5.415%
51	17.562	5108	5123	5133	rVV3	56678	112421	7.40%	0.999%

Sum of corrected areas: 11249119

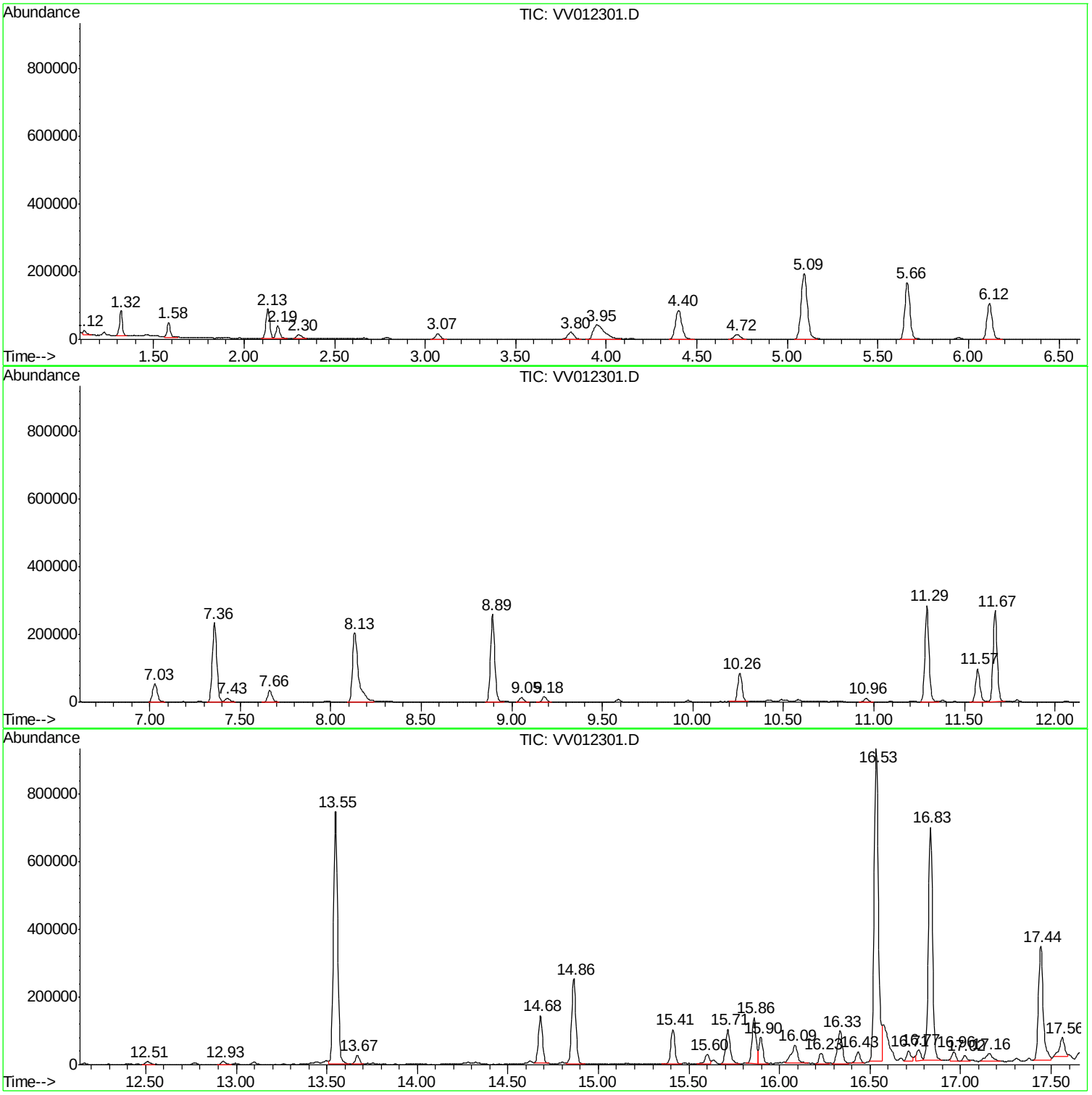
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

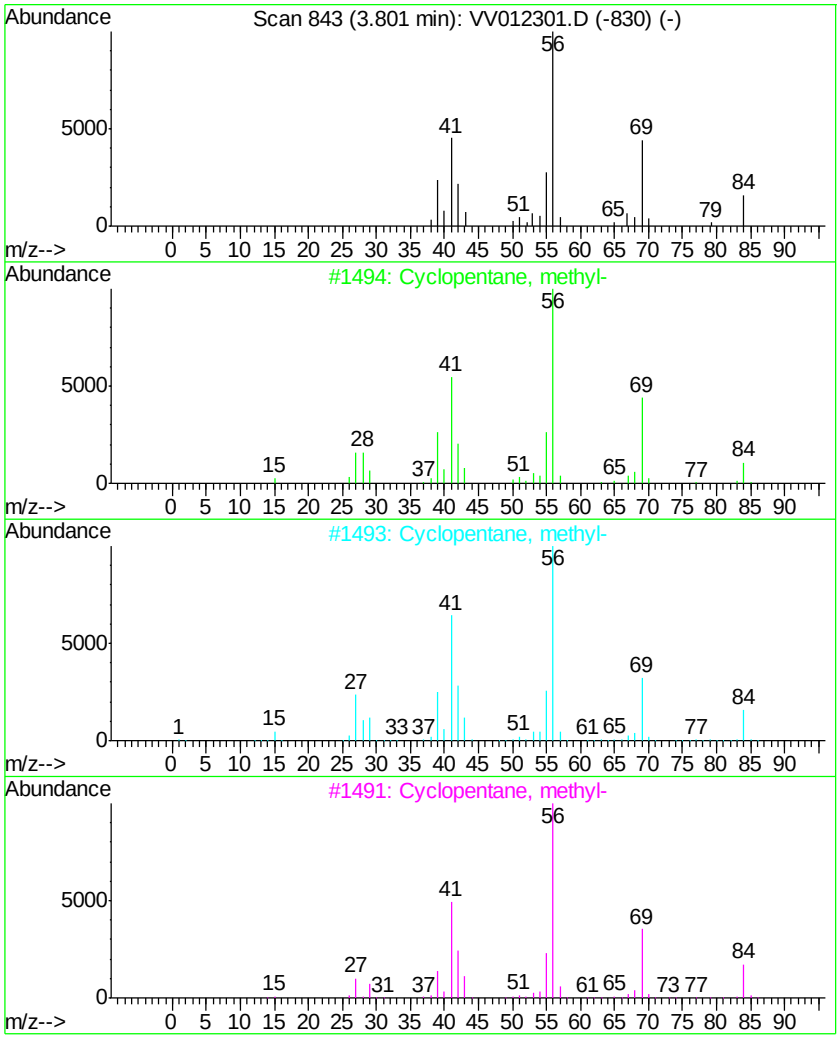
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

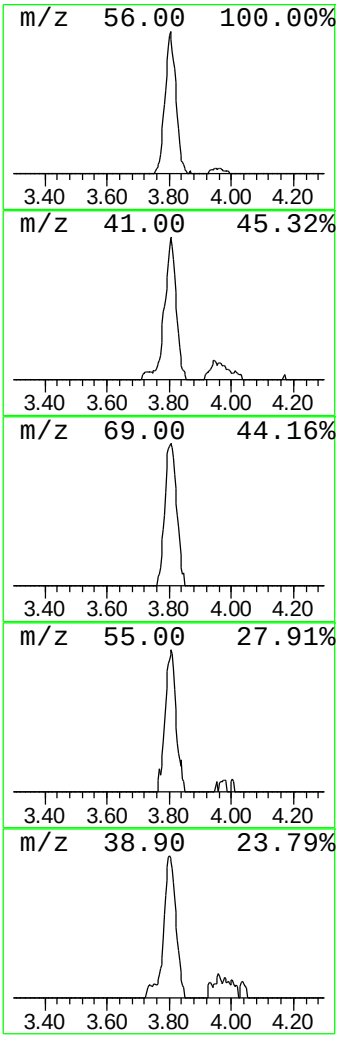
****

Peak Number 1 (DEL) Alkane: Cyclic3.80 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	0.78 ug/L	51504	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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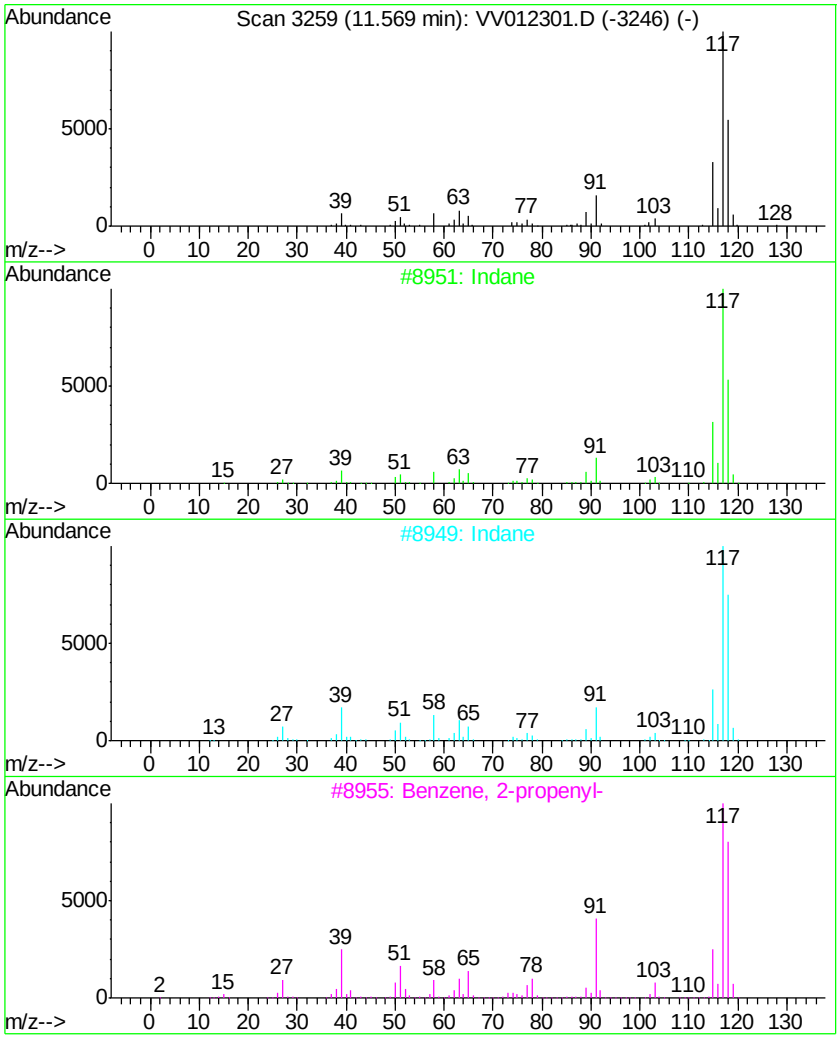
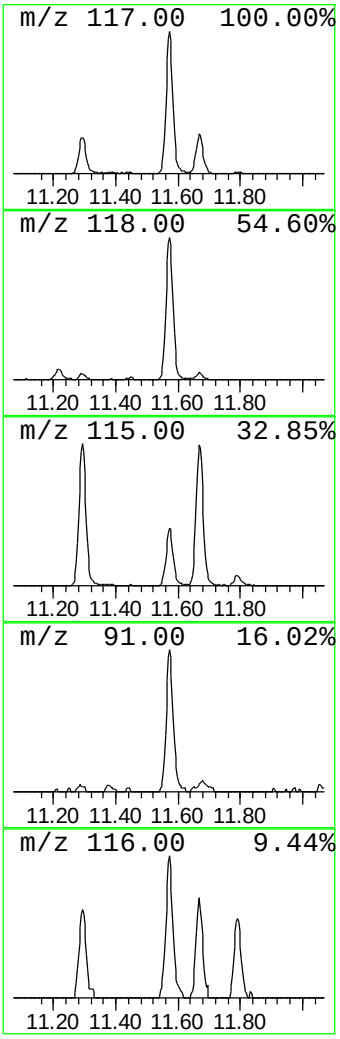
Peak Number 3 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	1.80 ug/L	160524	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

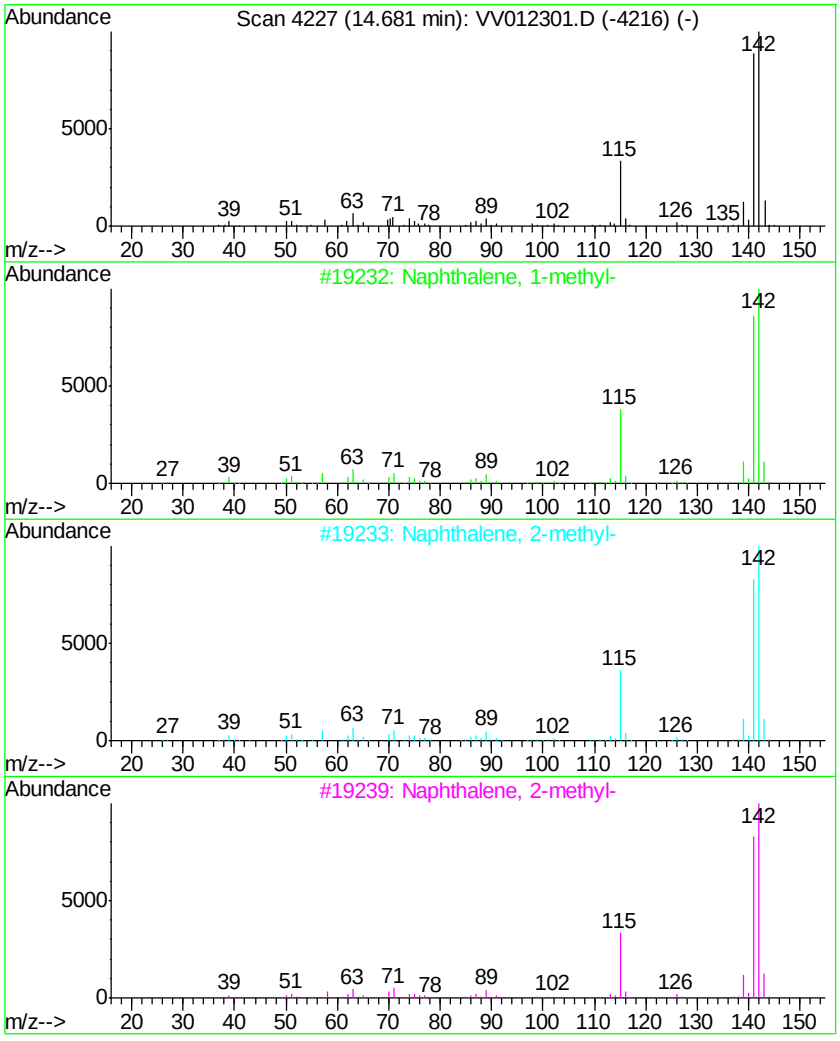
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

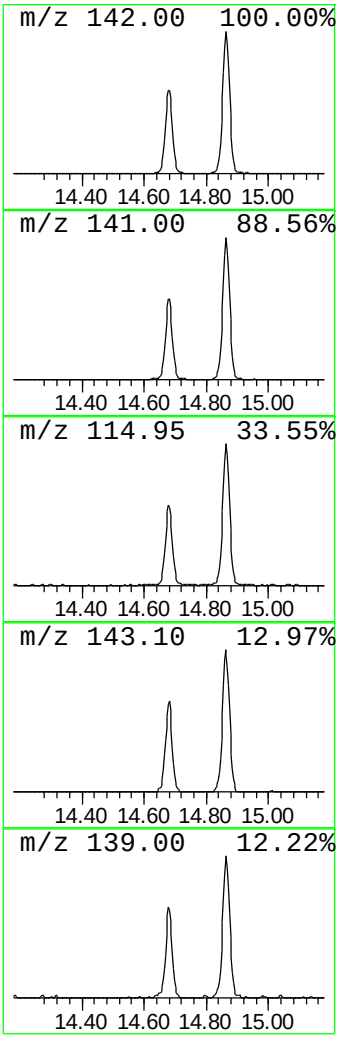
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.48 ug/L	221227	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

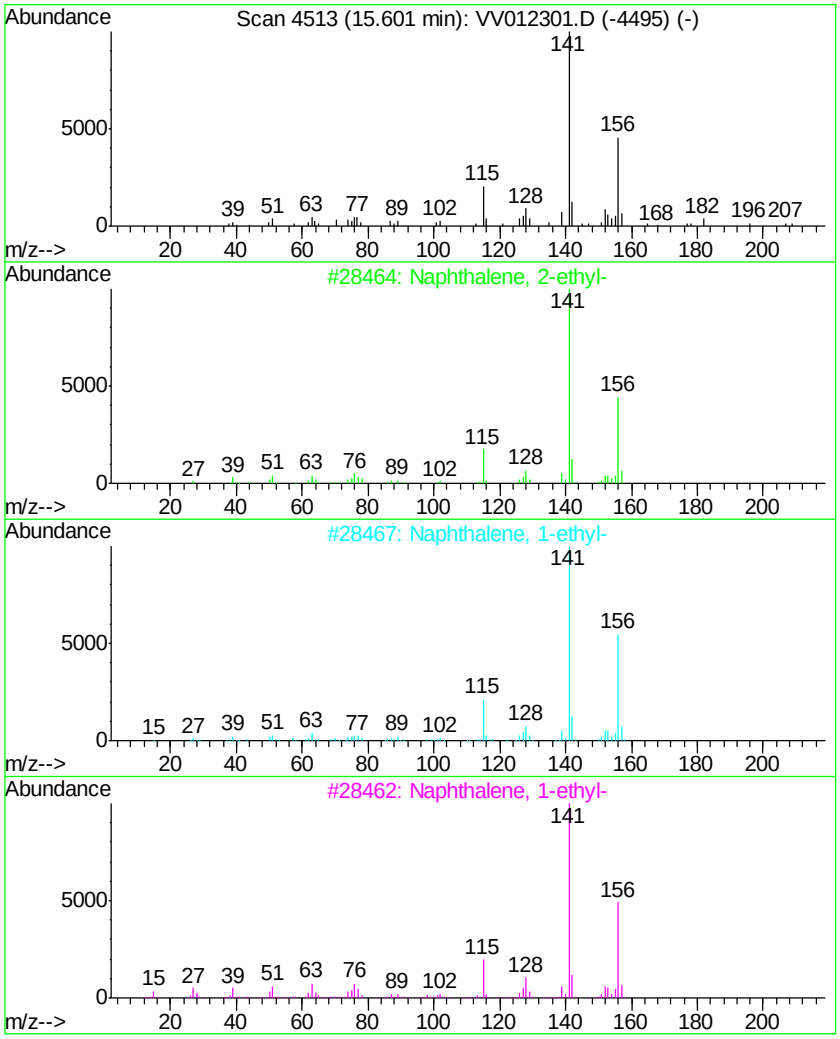
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

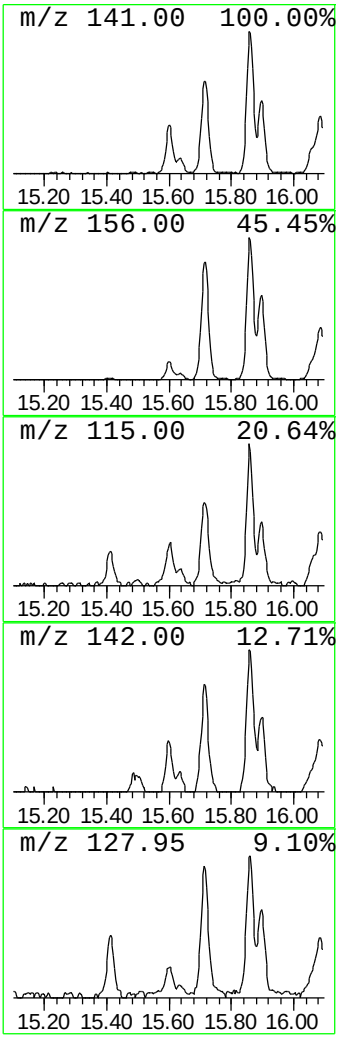
****

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	0.56 ug/L	49639	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

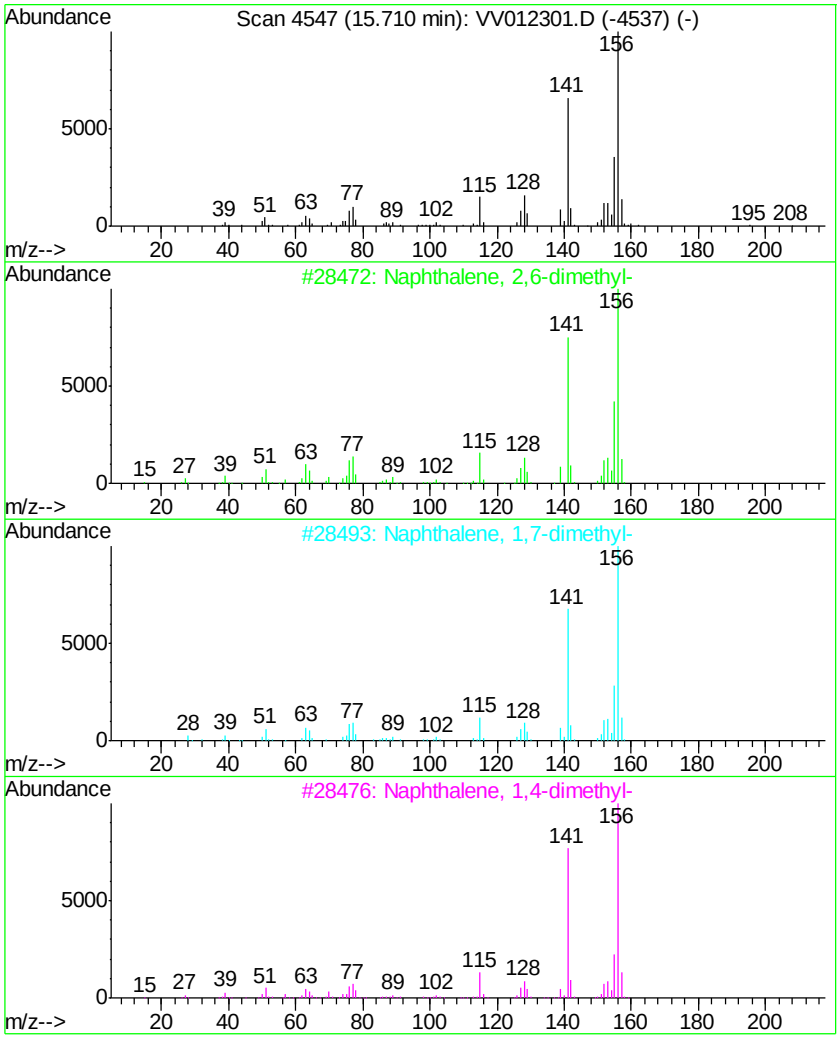
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

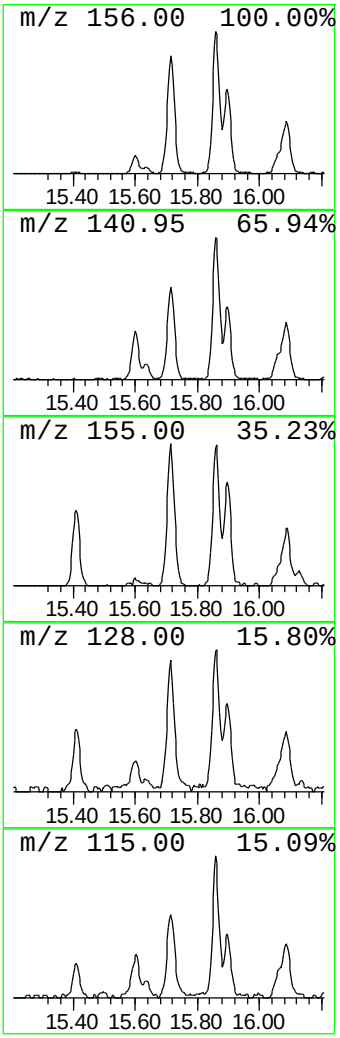
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.01 ug/L	179413	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

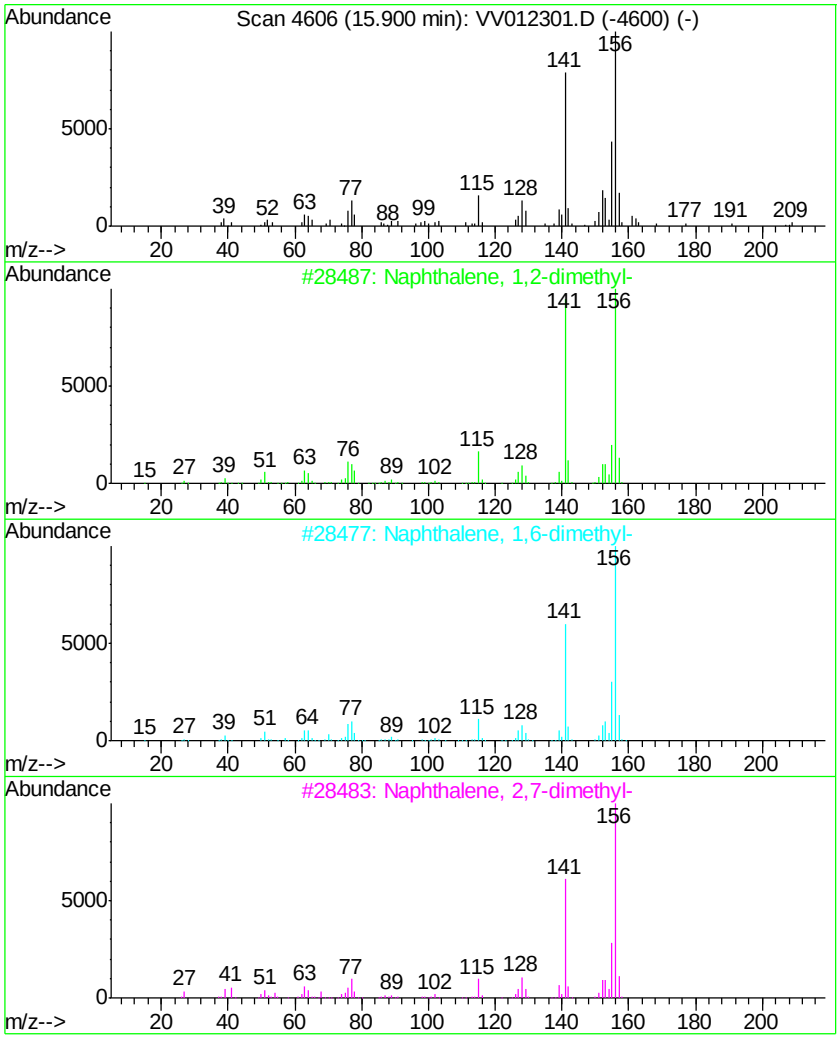
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

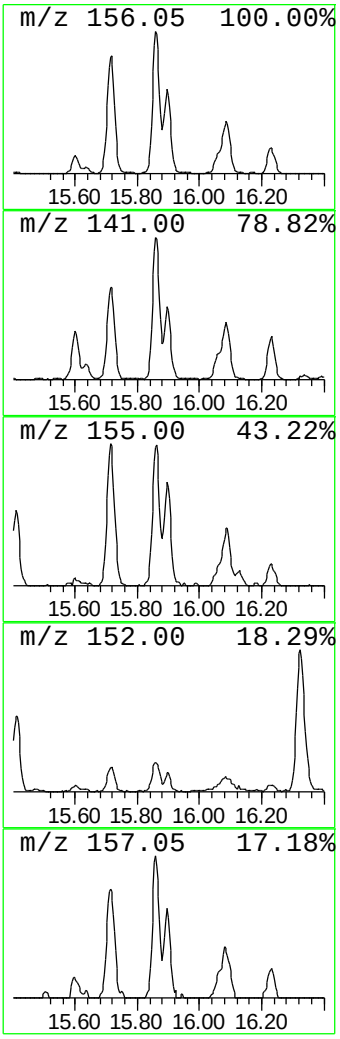
****

Peak Number 11 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	1.24 ug/L	110884	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

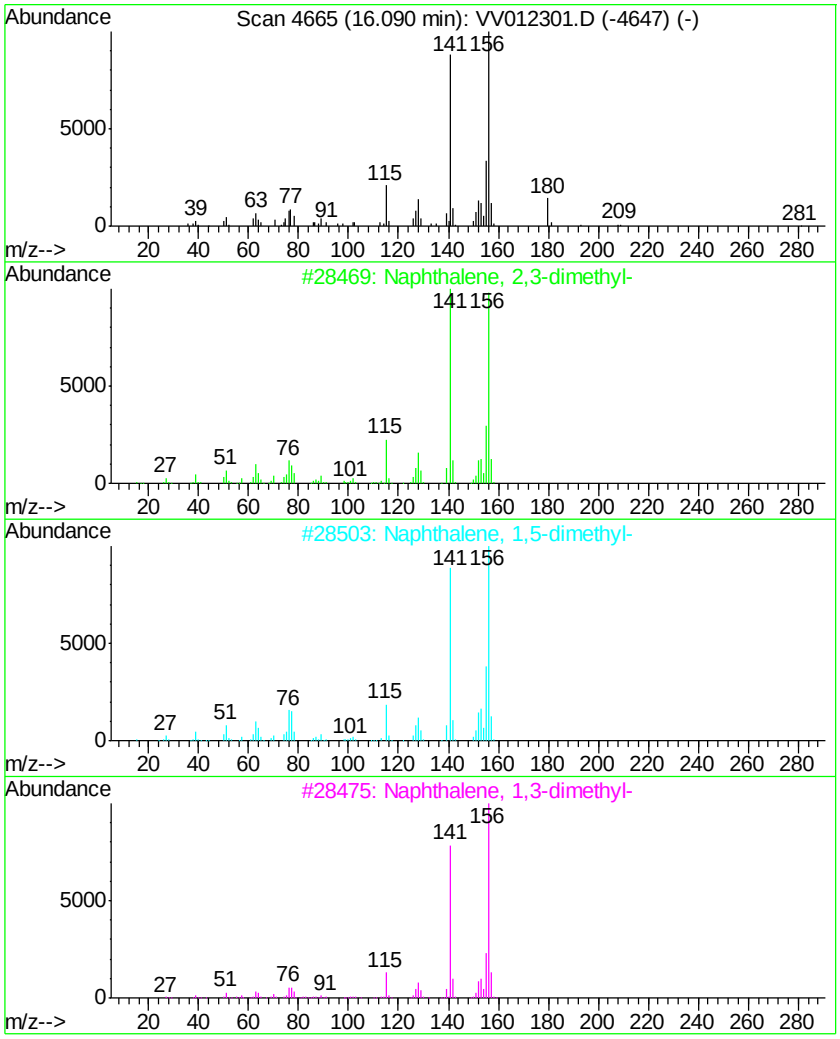
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

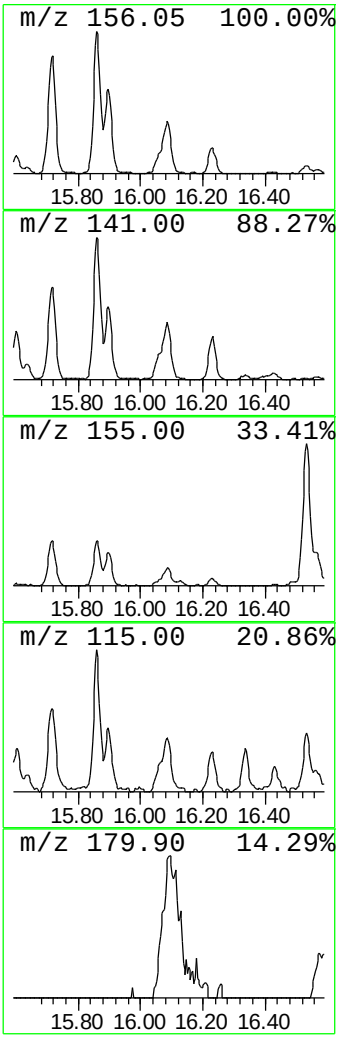
****

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	1.55 ug/L	138243	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

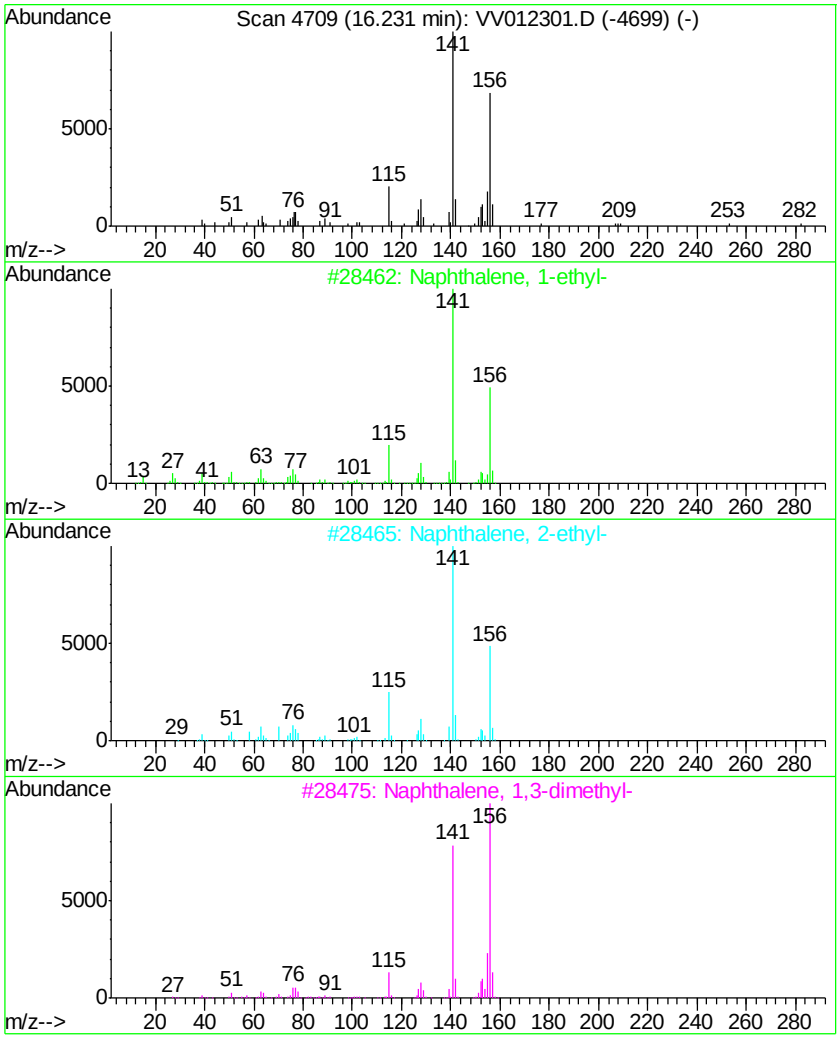
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

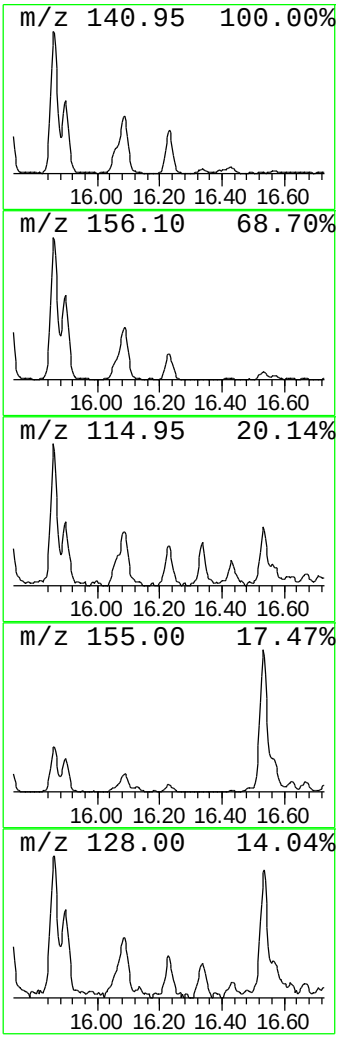
****

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	0.56 ug/L	49902	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

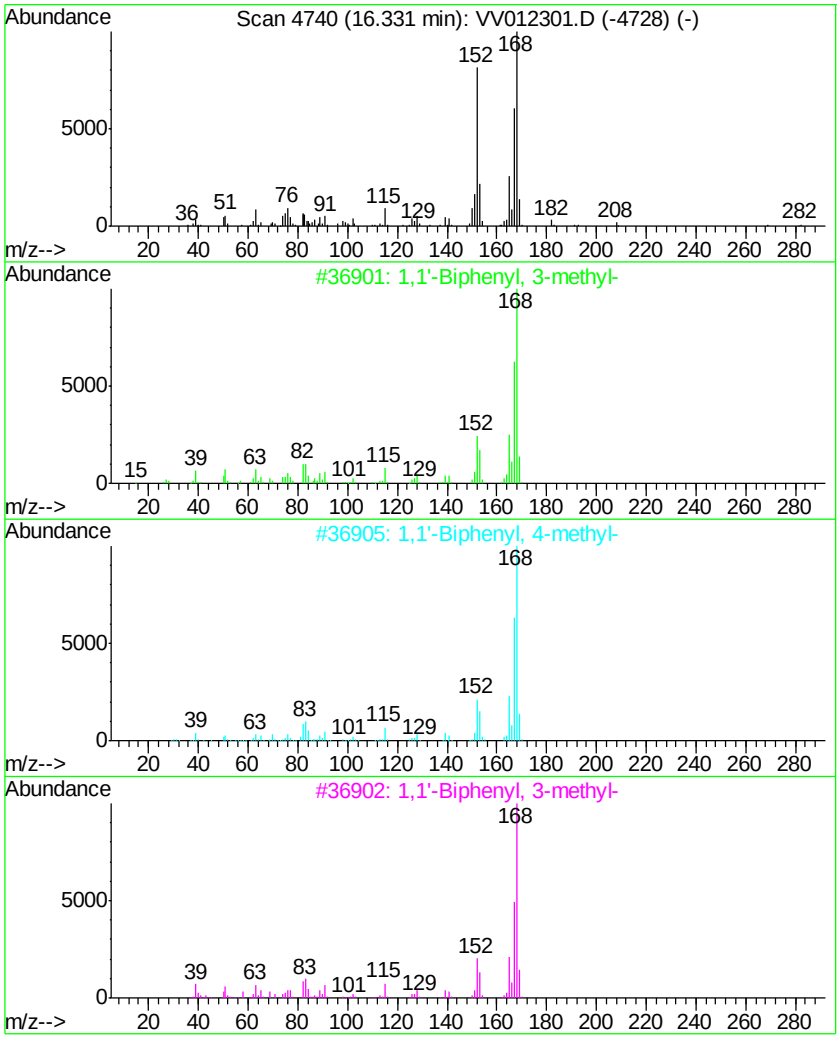
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

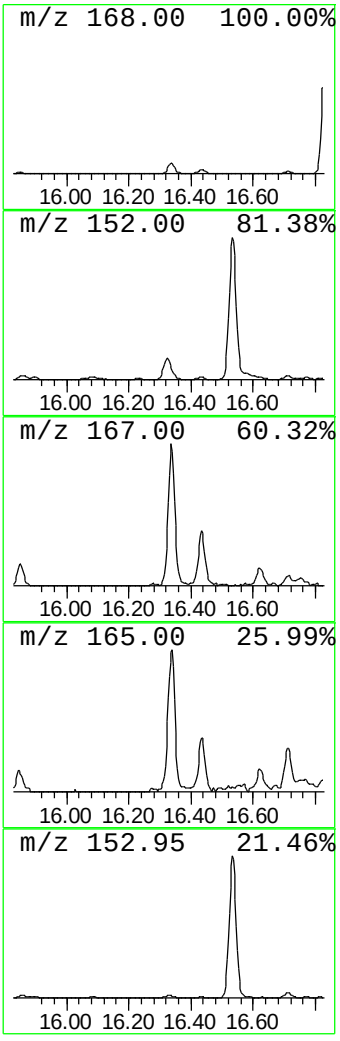
****

Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.03 ug/L	180995	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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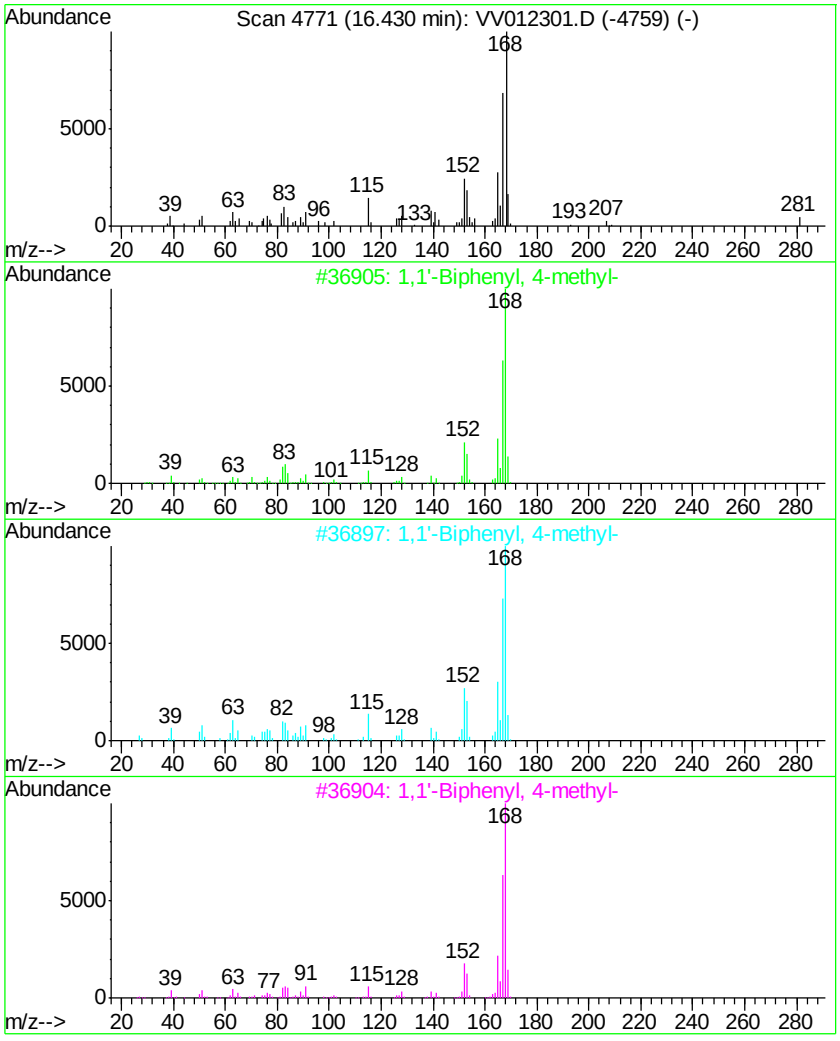
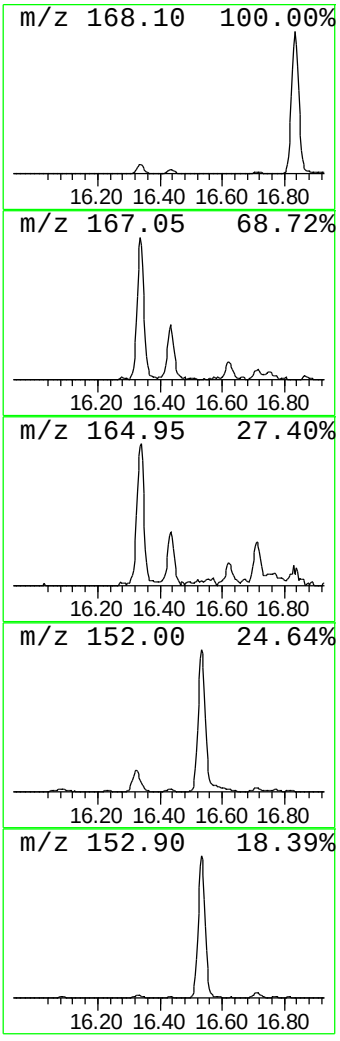
Peak Number 15 1,1'-Biphenyl, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	0.59 ug/L	52315	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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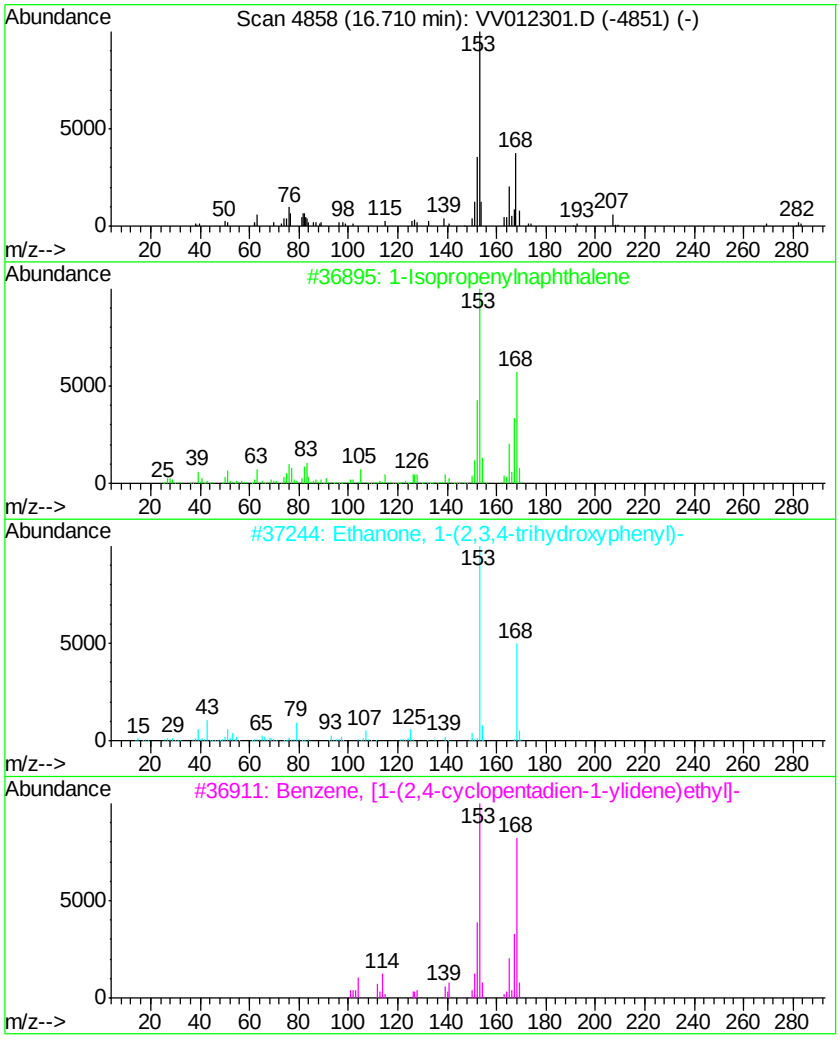
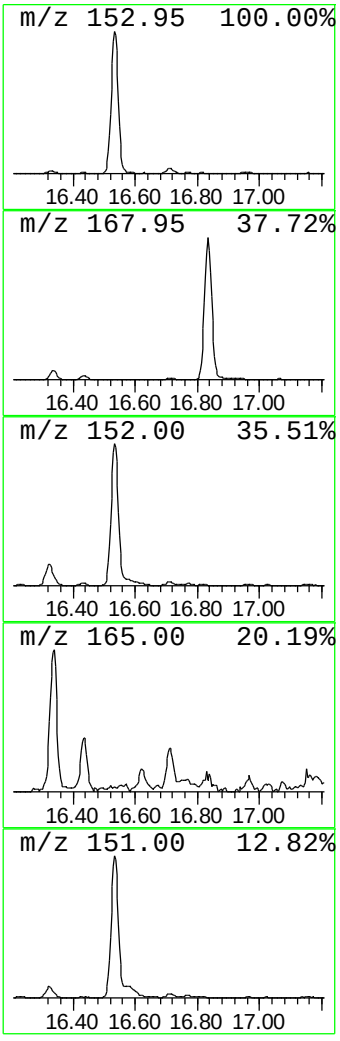
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	0.54 ug/L	48137	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
4	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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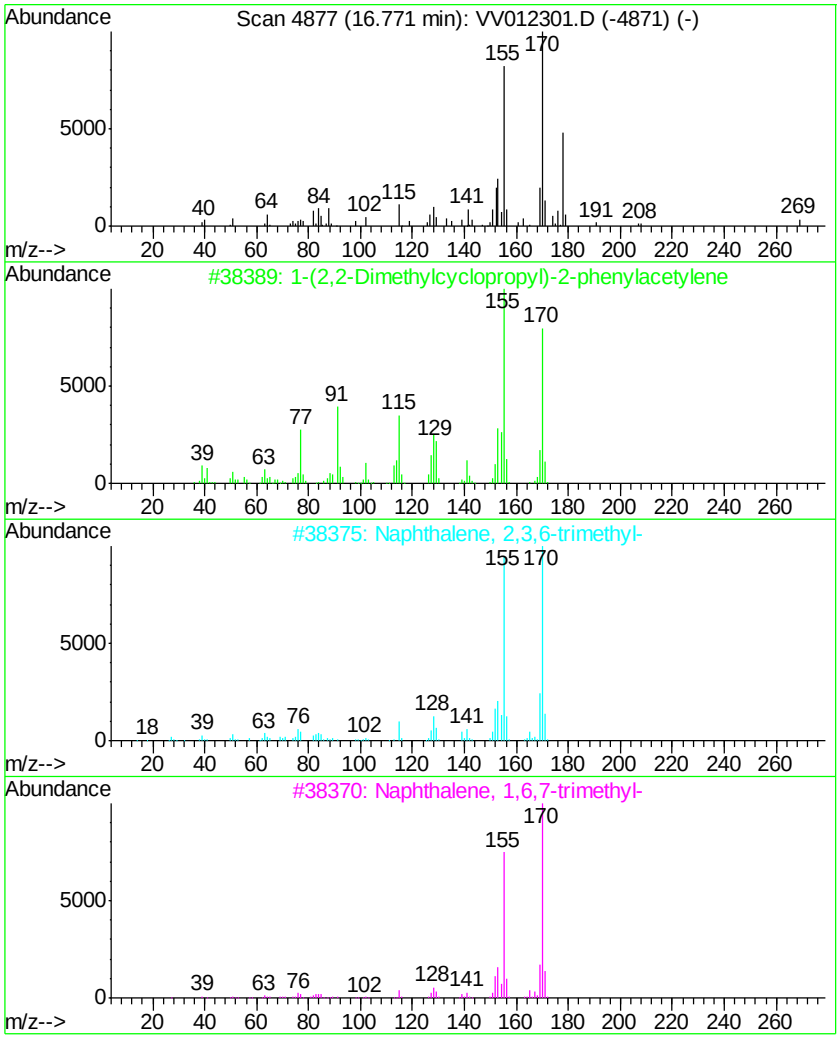
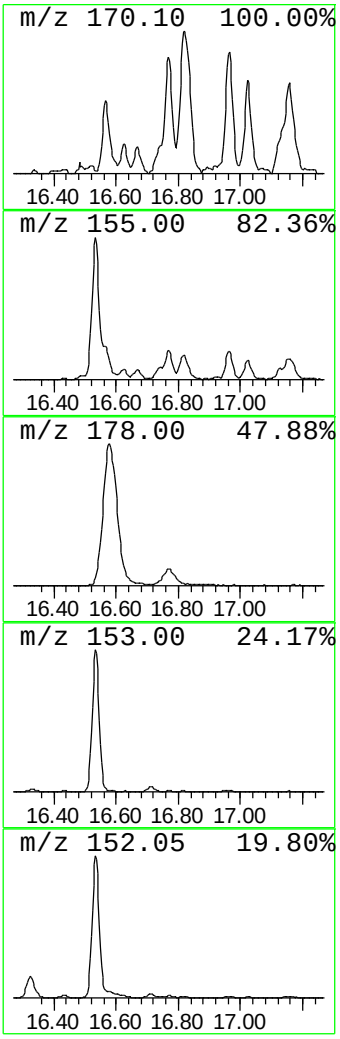
Peak Number 18 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	0.58 ug/L	51685	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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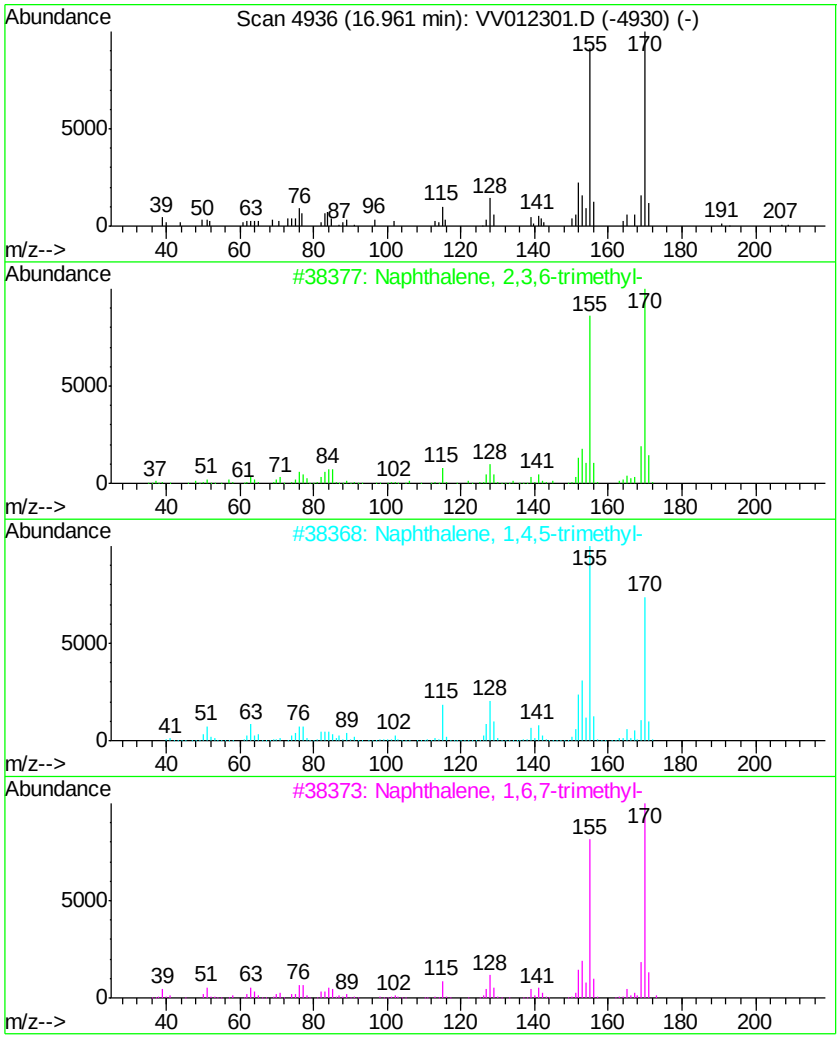
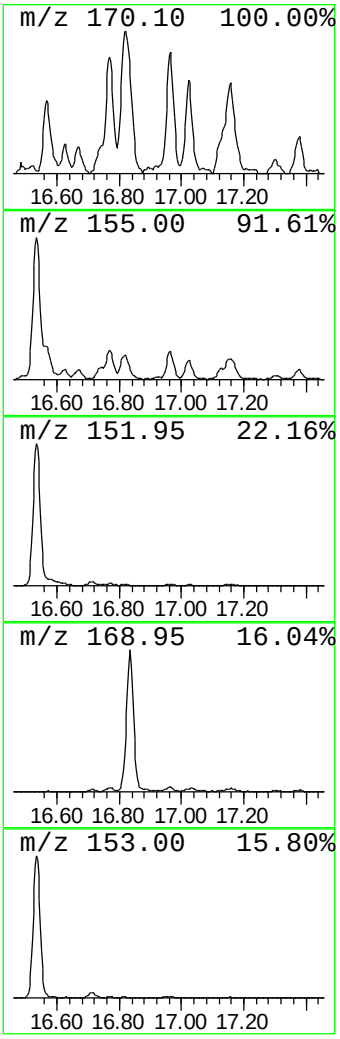
Peak Number 20 Naphthalene, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	0.50 ug/L	44759	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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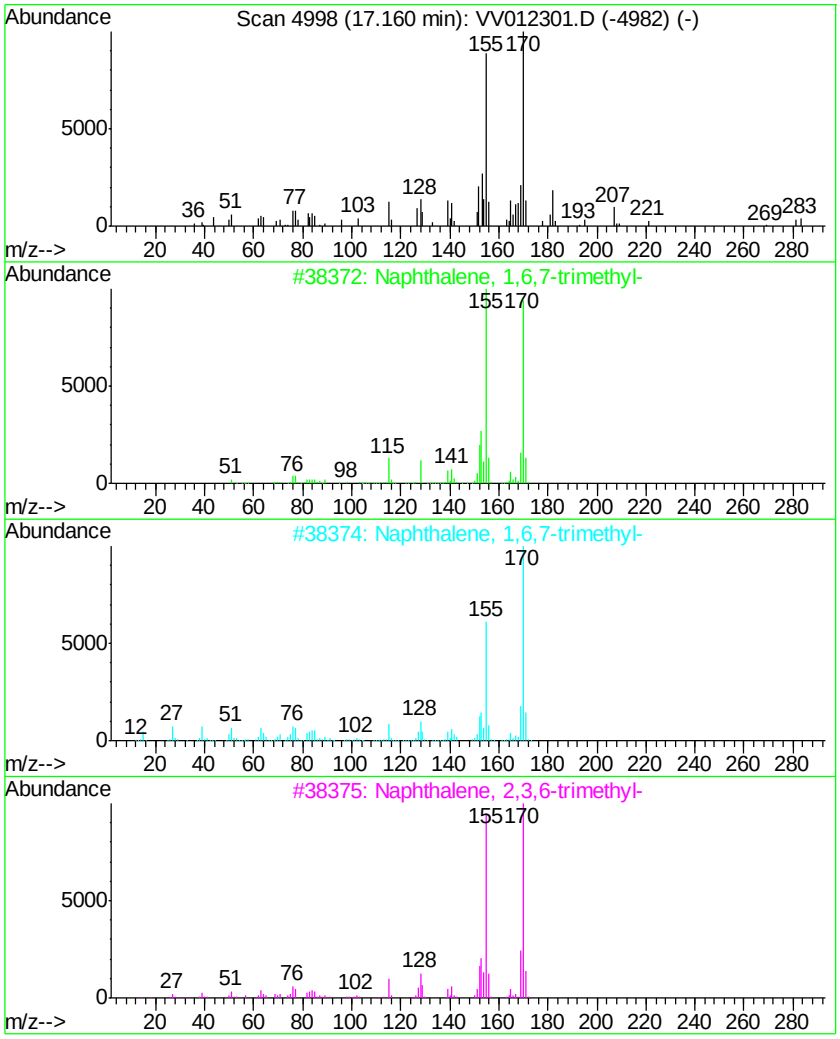
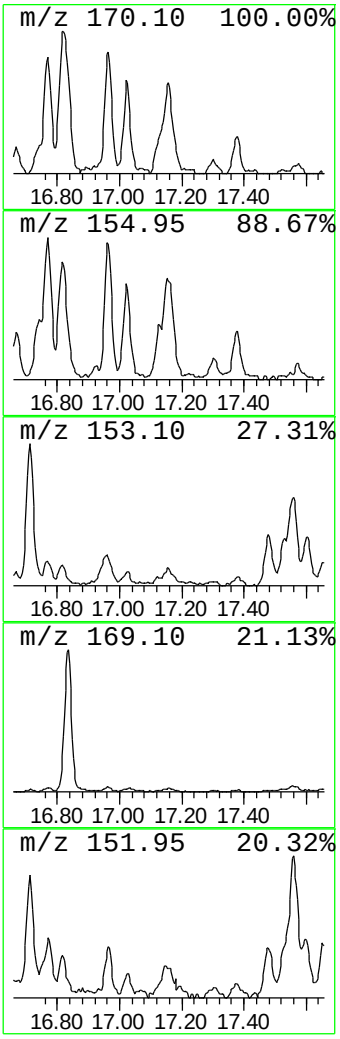
Peak Number 21 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	0.77 ug/L	69035	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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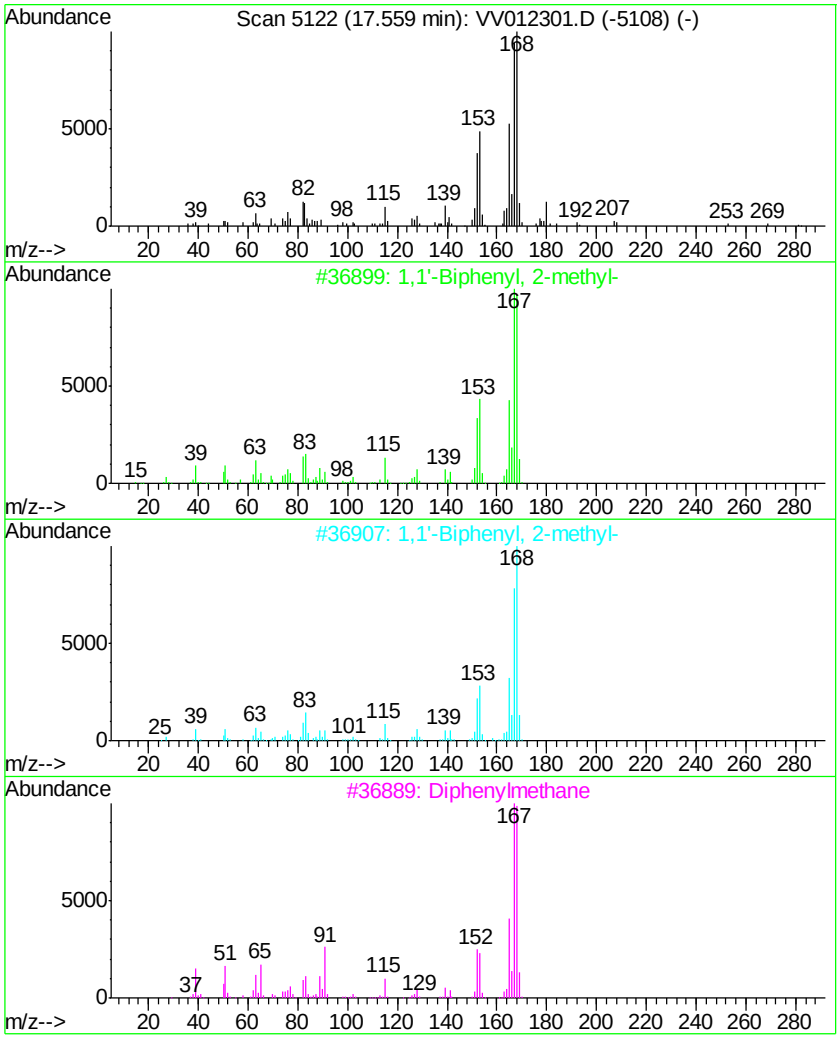
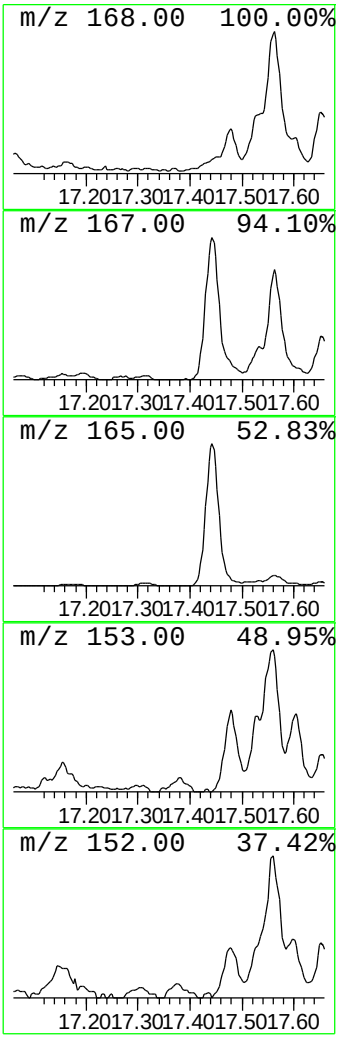
Peak Number 23 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	1.26 ug/L	112421	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	94
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
3	Diphenylmethane	168	C13H12	000101-81-5	89
4	Nordiphenamid	225	C15H15NO	000954-21-2	80
5	Diphenylmethane	168	C13H12	000101-81-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012301.D
Acq On : 20 Aug 2019 02:22
Operator : SY/MD
Sample : K4373-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.80	0.8	ug/L	51504	1	5.66	328210	5.0
Indane	11.57	1.8	ug/L	160524	3	11.29	445397	5.0
Naphthalene, 1-me...	14.68	2.5	ug/L	221227	3	11.29	445397	5.0
Naphthalene, 2-et...	15.60	0.6	ug/L	49639	3	11.29	445397	5.0
Naphthalene, 2,6-...	15.71	2.0	ug/L	179413	3	11.29	445397	5.0
Naphthalene, 1,2-...	15.90	1.2	ug/L	110884	3	11.29	445397	5.0
Naphthalene, 2,3-...	16.09	1.6	ug/L	138243	3	11.29	445397	5.0
Naphthalene, 1-et...	16.23	0.6	ug/L	49902	3	11.29	445397	5.0
1,1'-Biphenyl, 3-...	16.33	2.0	ug/L	180995	3	11.29	445397	5.0
1,1'-Biphenyl, 4-...	16.43	0.6	ug/L	52315	3	11.29	445397	5.0
1-Isopropenylnaph...	16.71	0.5	ug/L	48137	3	11.29	445397	5.0
1-(2,2-Dimethylcy...	16.77	0.6	ug/L	51685	3	11.29	445397	5.0
Naphthalene, 2,3,...	16.96	0.5	ug/L	44759	3	11.29	445397	5.0
Naphthalene, 1,6,...	17.16	0.8	ug/L	69035	3	11.29	445397	5.0
1,1'-Biphenyl, 2-...	17.56	1.3	ug/L	112421	3	11.29	445397	5.0