

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000786.D
 Acq On : 22 Nov 2019 12:28
 Operator : SY/MD
 Sample : K5671-11
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112119

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_Y\METHODS\82Y103019S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.730	973	983	989	rBV4	19769	46276	4.17%	0.938%
2	7.803	989	995	1004	rVB2	37156	86008	7.76%	1.744%
3	8.151	1044	1052	1063	rVB3	24761	55359	4.99%	1.122%
4	8.699	1133	1142	1150	rBV	65125	125834	11.35%	2.551%
5	10.181	1379	1385	1394	rBV	93242	163231	14.73%	3.309%
6	11.491	1593	1600	1608	rVB	85054	136112	12.28%	2.760%
7	11.772	1620	1646	1647	rBV5	46998	205790	18.57%	4.172%
8	12.479	1736	1762	1781	rBV6	167775	800984	72.26%	16.240%
9	12.680	1784	1795	1796	rBV3	51535	133087	12.01%	2.698%
10	13.119	1860	1867	1872	rBV2	7568	13317	1.20%	0.270%
11	13.241	1874	1887	1891	rVV7	17452	70053	6.32%	1.420%
12	13.351	1895	1905	1912	rVV5	52758	221384	19.97%	4.489%
13	13.424	1912	1917	1924	rVV	81621	144864	13.07%	2.937%
14	13.491	1926	1928	1939	rVB7	6408	15127	1.36%	0.307%
15	13.692	1955	1961	1964	rBV5	7739	14516	1.31%	0.294%
16	13.765	1964	1973	1985	rVB5	27544	105709	9.54%	2.143%
17	14.070	2010	2023	2035	rVB5	31523	120897	10.91%	2.451%
18	14.326	2060	2065	2078	rVB8	14445	41553	3.75%	0.842%
19	14.546	2084	2101	2115	rBV2	307064	1108424	100.00%	22.473%
20	14.668	2115	2121	2130	rBV3	25414	75900	6.85%	1.539%
21	14.863	2147	2153	2158	rBV6	9637	23791	2.15%	0.482%
22	14.942	2158	2166	2176	rVV4	34982	109879	9.91%	2.228%
23	15.034	2176	2181	2183	rVV4	7376	15819	1.43%	0.321%
24	15.095	2186	2191	2202	rVB4	22538	64018	5.78%	1.298%
25	15.235	2203	2214	2227	rBV3	183307	571747	51.58%	11.592%
26	15.546	2257	2265	2278	rVB6	16971	67045	6.05%	1.359%
27	15.722	2284	2294	2304	rBV4	14422	45612	4.12%	0.925%
28	16.021	2334	2343	2344	rBV6	12295	20162	1.82%	0.409%
29	16.289	2380	2387	2392	rBV3	21276	41481	3.74%	0.841%
30	16.485	2415	2419	2426	rVB3	13759	24400	2.20%	0.495%
31	16.576	2428	2434	2440	rVB7	7038	15898	1.43%	0.322%
32	16.753	2447	2463	2474	rBV4	53033	229606	20.71%	4.655%
33	16.844	2474	2478	2486	rVB7	7975	18313	1.65%	0.371%

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-112119

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_Y\METHODS\82Y103019S.M
Title : SW846 8260

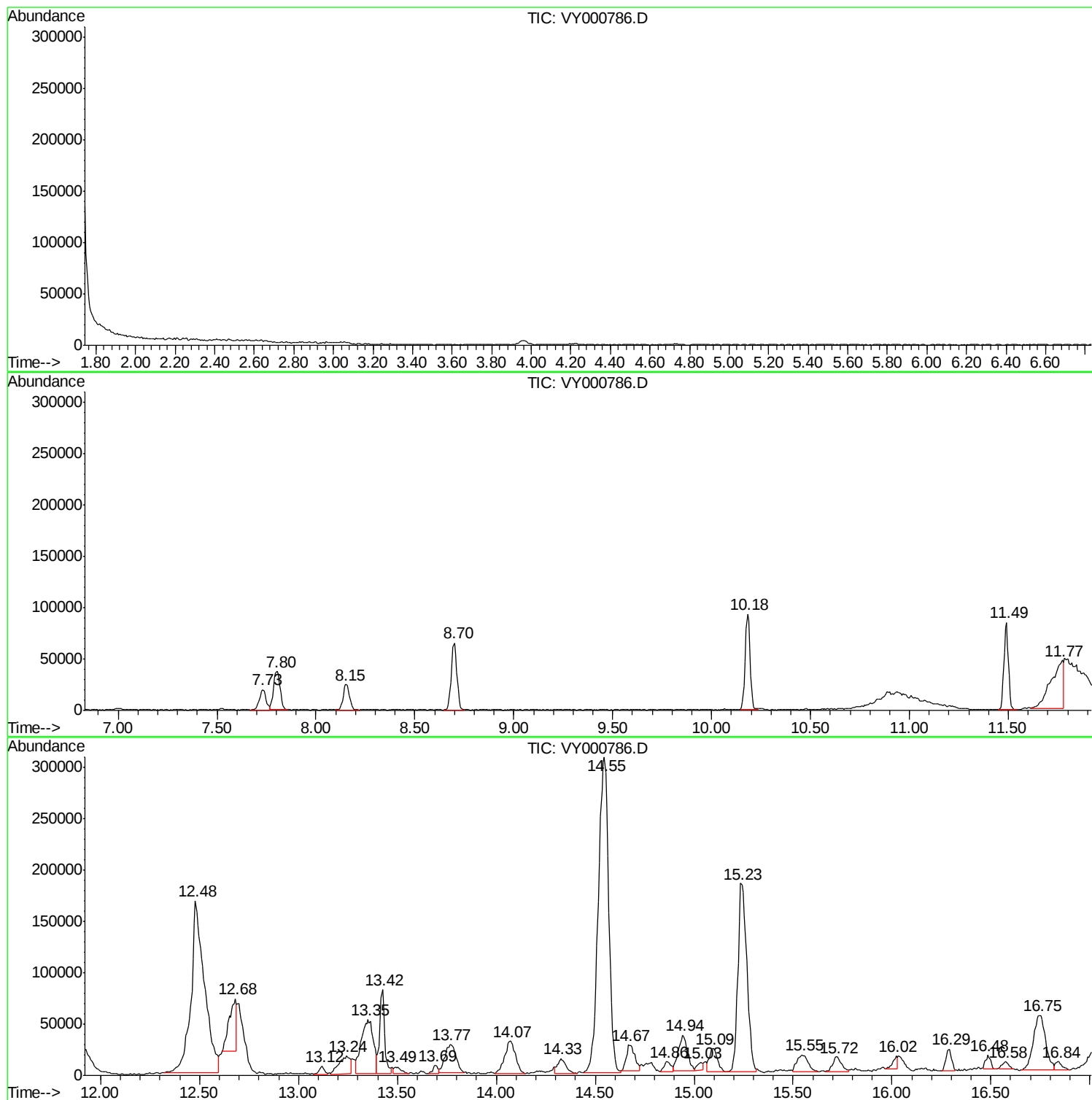
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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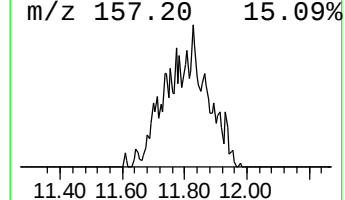
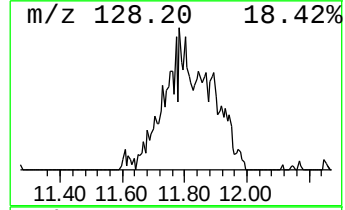
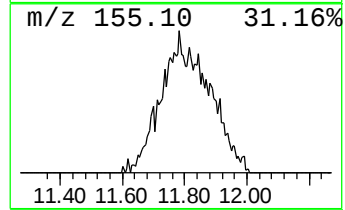
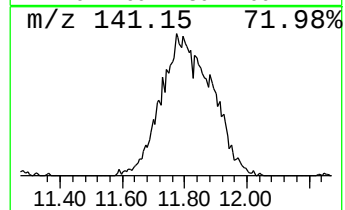
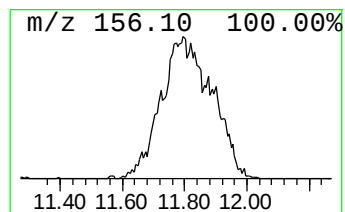
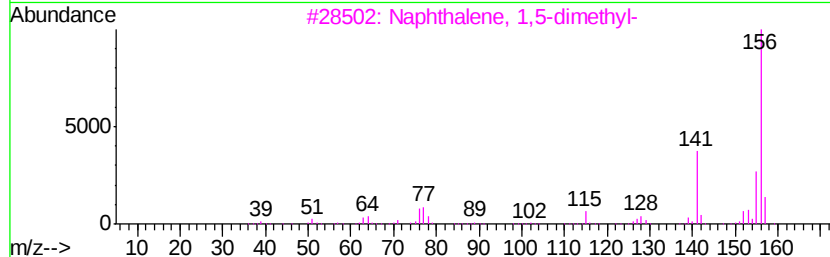
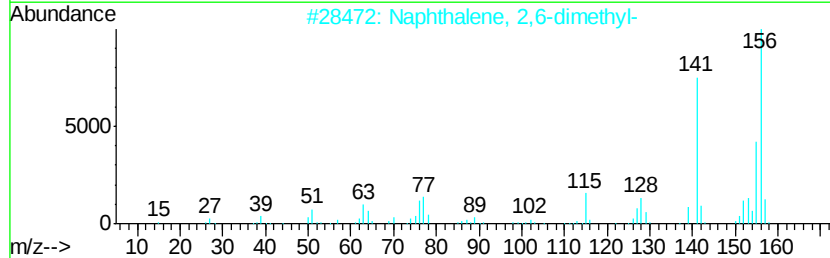
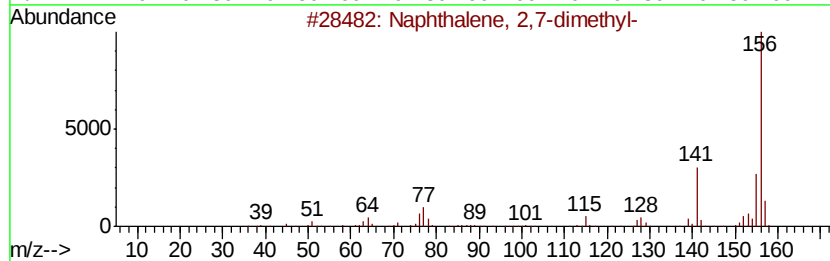
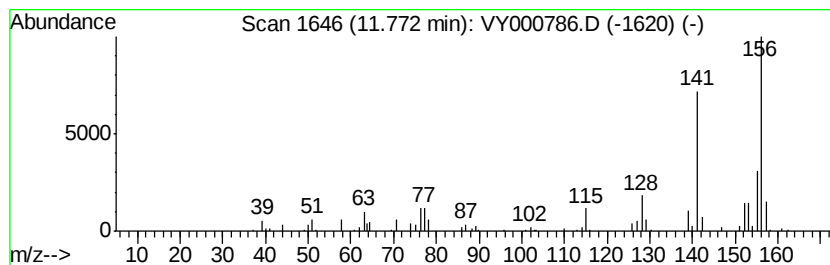
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	75.60 ug/l	205790	Chlorobenzene-d5	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

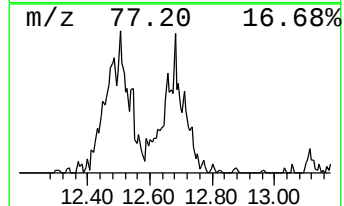
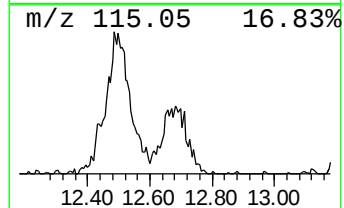
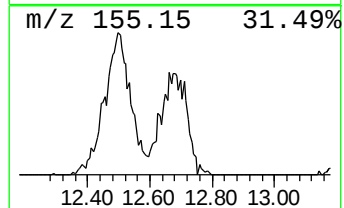
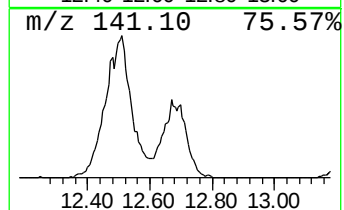
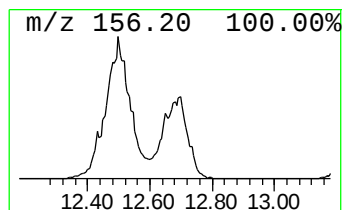
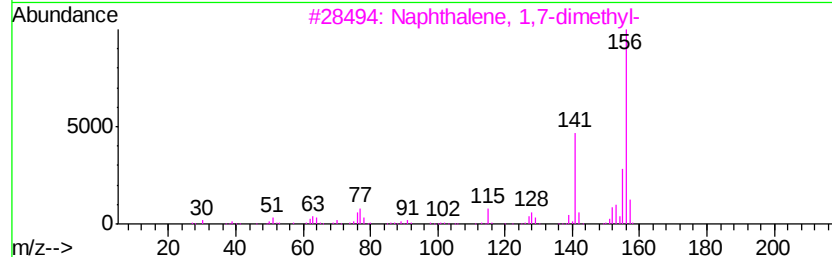
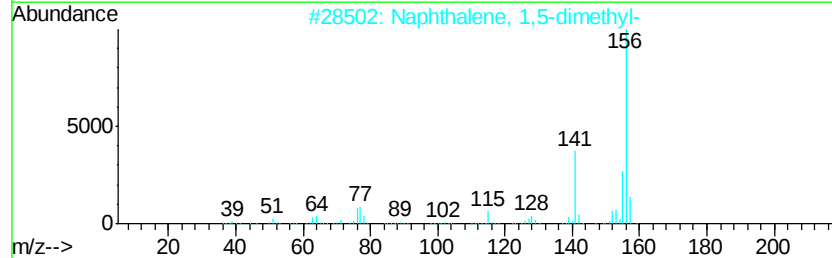
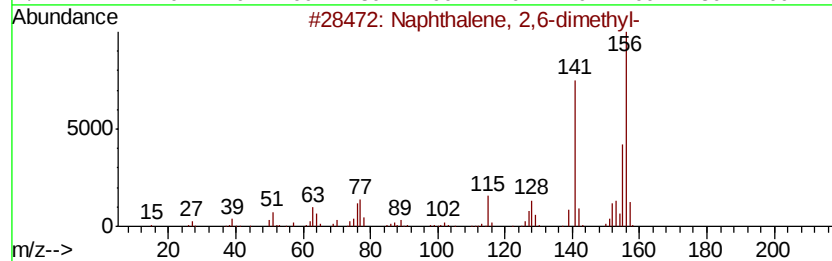
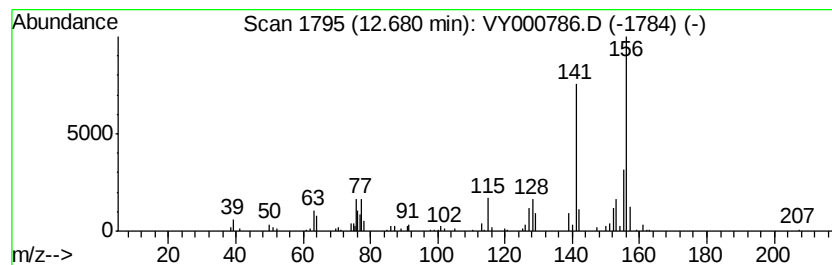
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	45.94 ug/l	133087	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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ALS Vial : 7 Sample Multiplier: 1

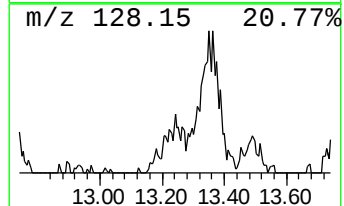
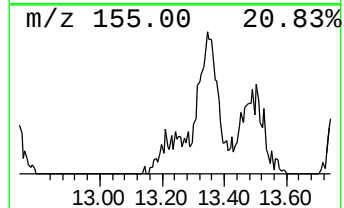
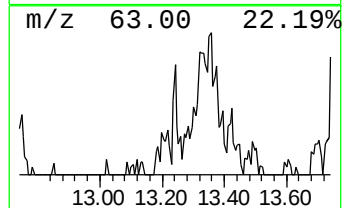
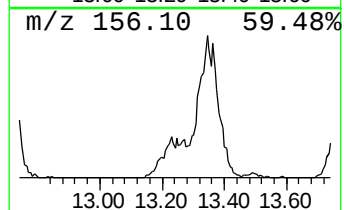
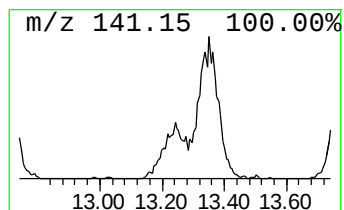
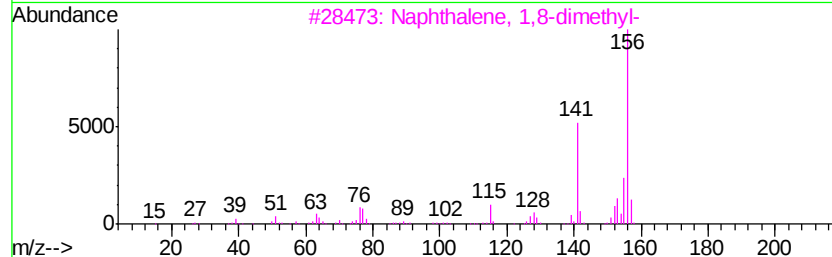
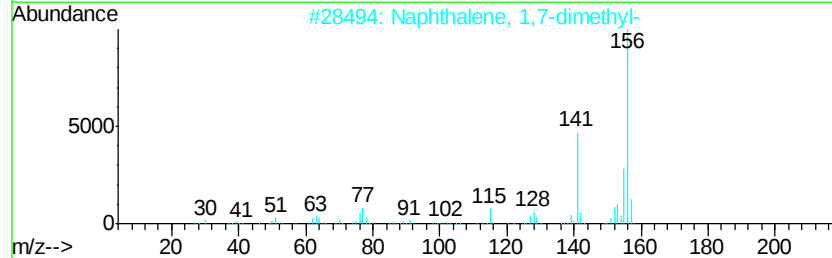
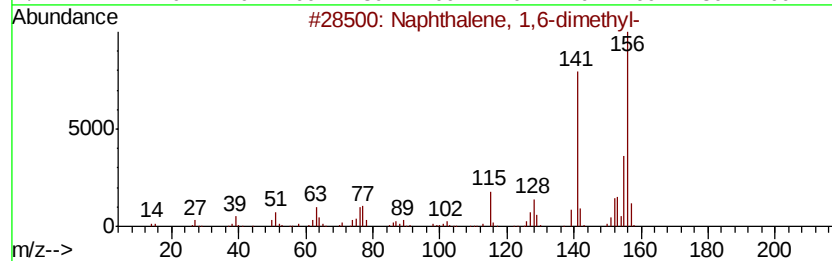
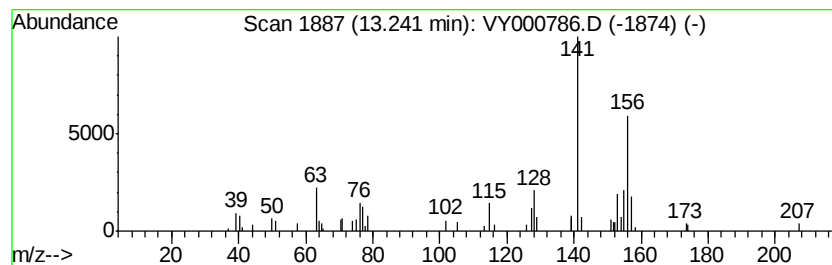
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	24.18 ug/l	70053	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 90
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 87
3		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 87
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 83
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 74



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Misc : 5.75G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

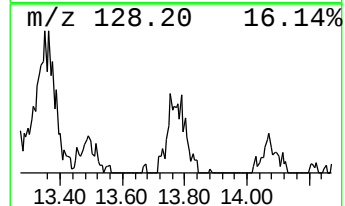
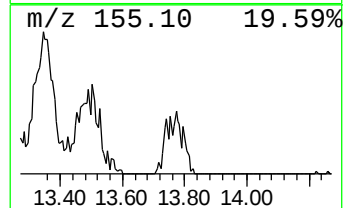
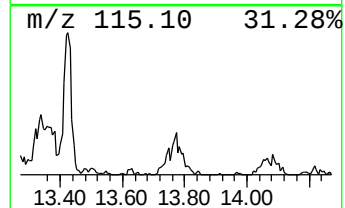
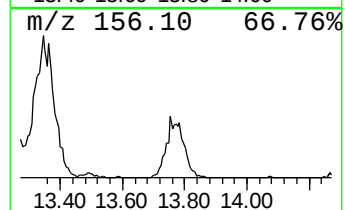
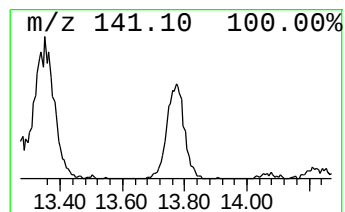
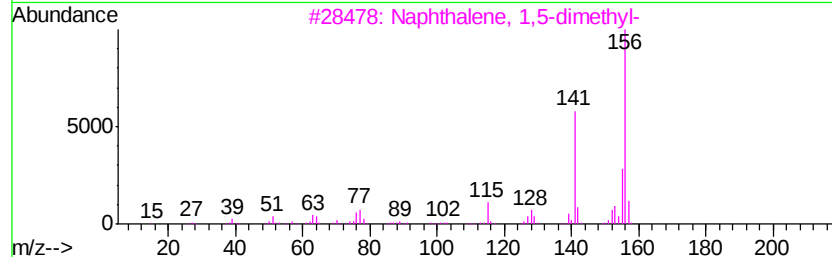
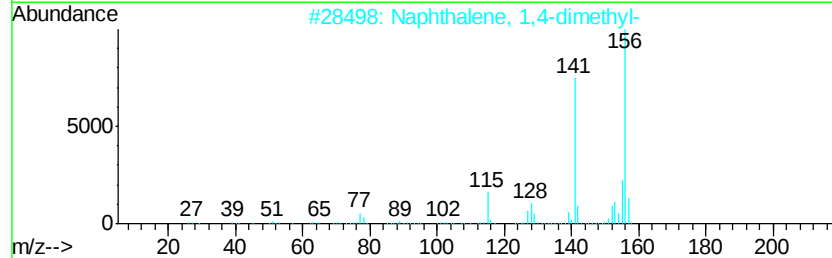
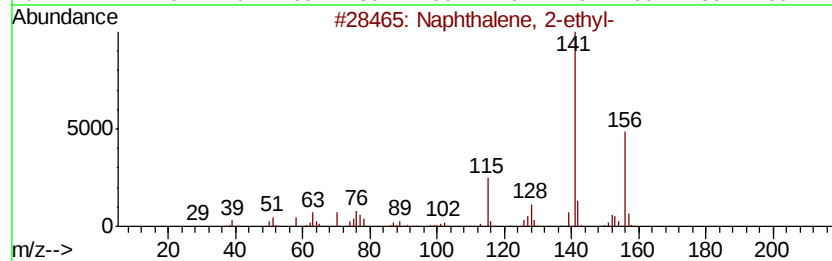
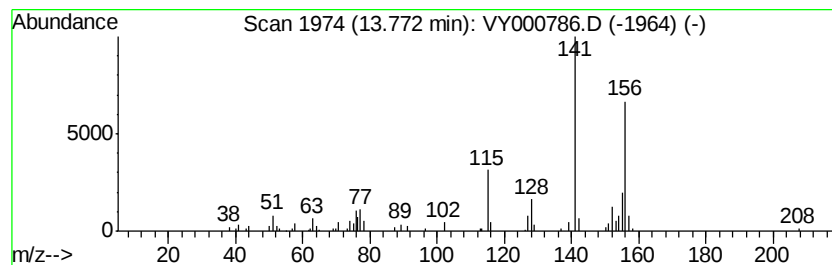
Instrument :
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ClientSampled :
OR-02-112119

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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	36.49 ug/l	105709	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 94
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 91
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 91
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 91



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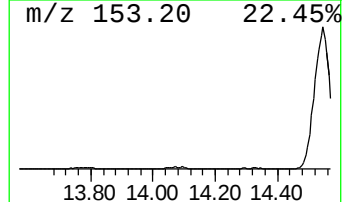
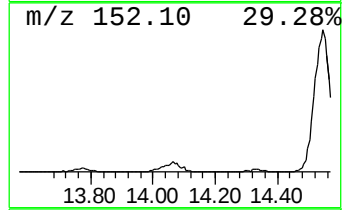
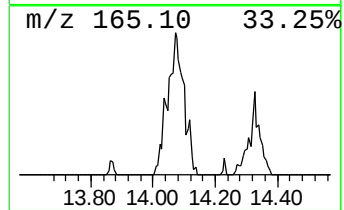
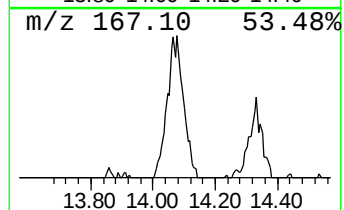
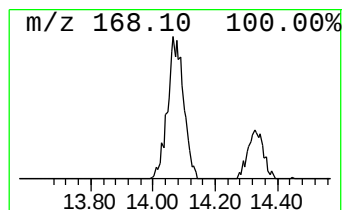
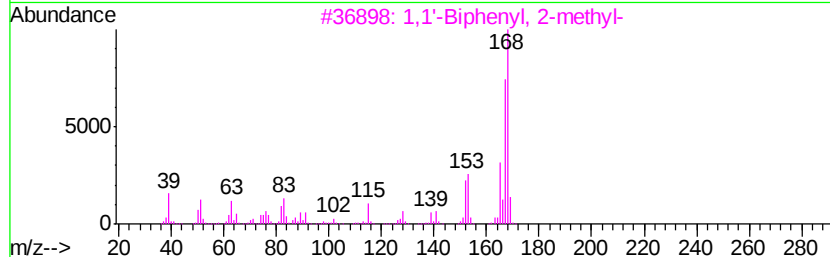
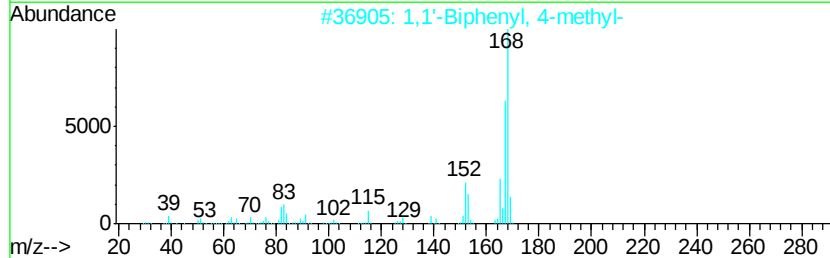
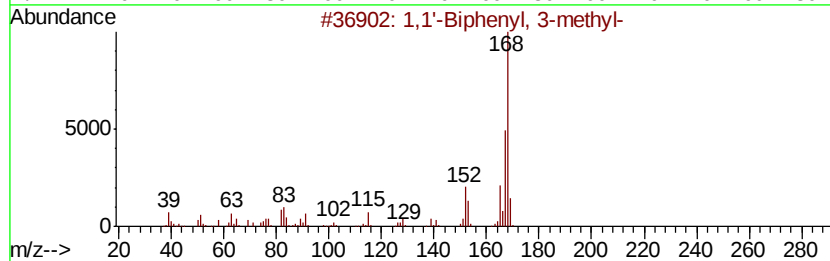
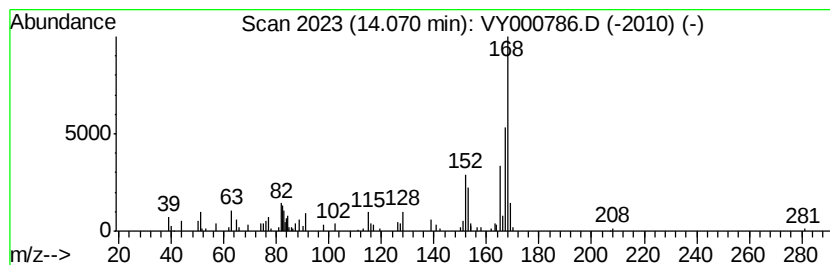
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	41.73 ug/l	120897	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
5		Diphenylmethane	168	C13H12	000101-81-5	58



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Acq On : 22 Nov 2019 12:28
Operator : SY/MD
Sample : K5671-11
Misc : 5.75G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

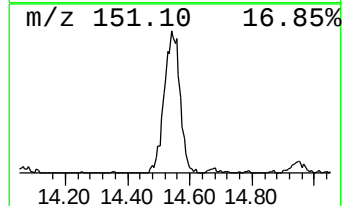
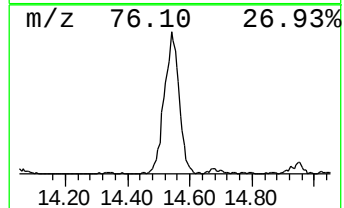
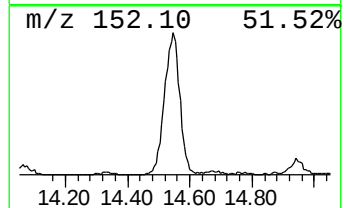
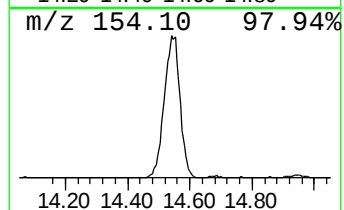
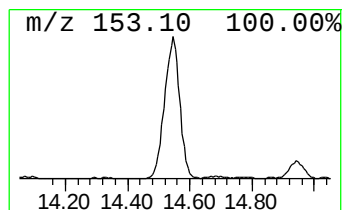
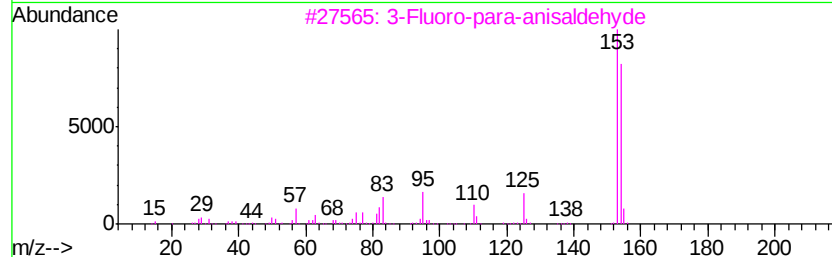
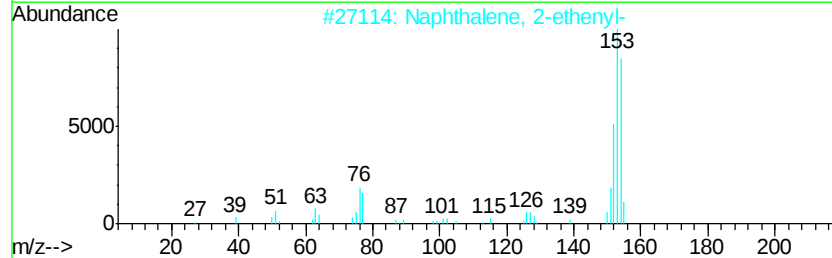
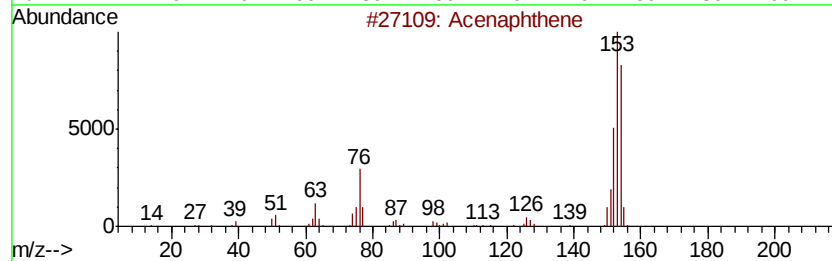
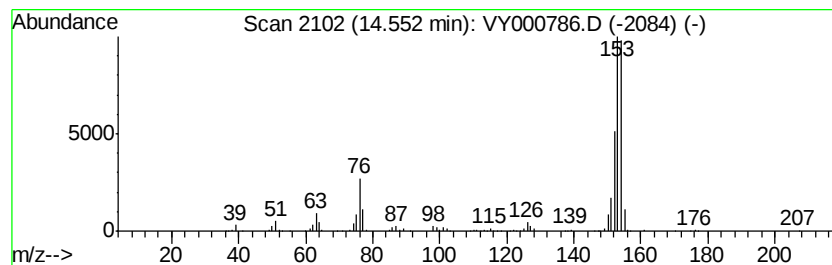
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Quant Title : SW846 8260

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

Peak Number 7 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	382.57 ug/l	1108420	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	96
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62
3		3-Fluoro-para-anisaldehyd	154	C8H7FO2	000351-54-2	50
4		.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	43
5		2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000786.D
Acq On : 22 Nov 2019 12:28
Operator : SY/MD
Sample : K5671-11
Misc : 5.75G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

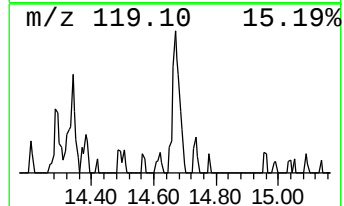
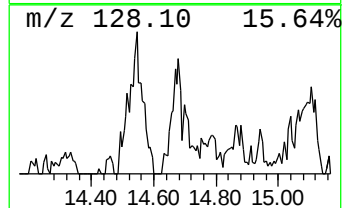
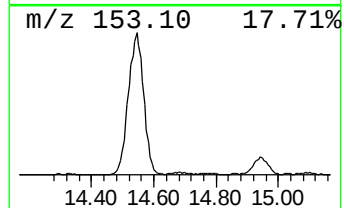
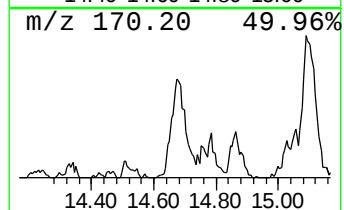
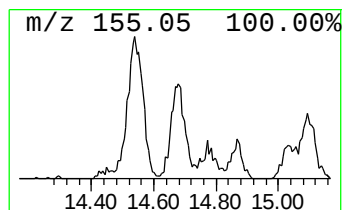
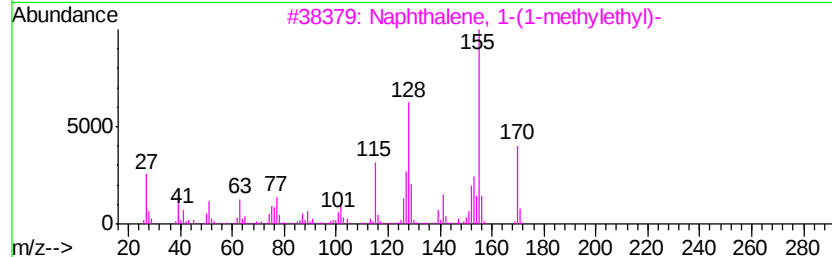
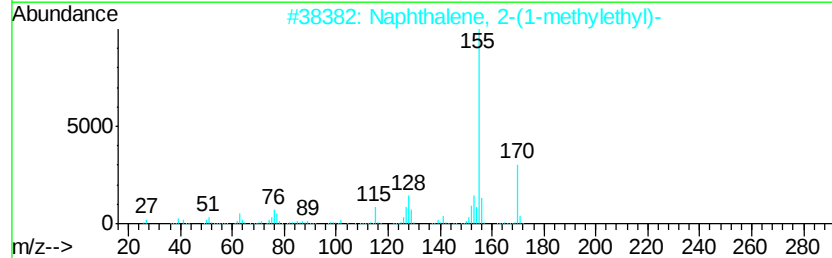
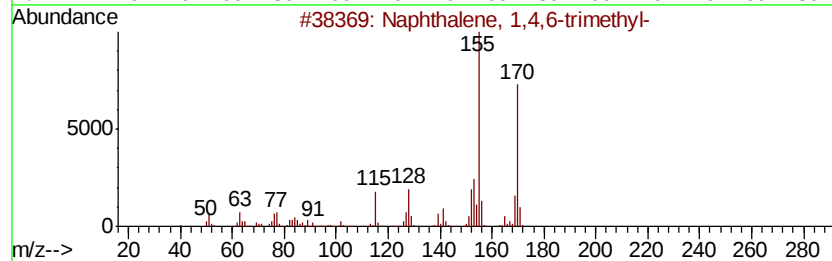
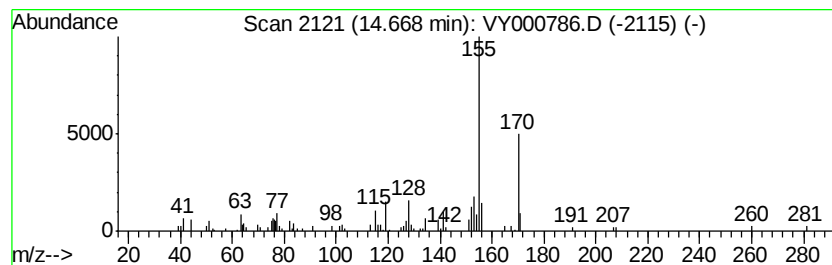
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	26.20 ug/l	75900	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000786.D
Acq On : 22 Nov 2019 12:28
Operator : SY/MD
Sample : K5671-11
Misc : 5.75G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

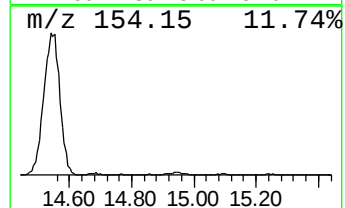
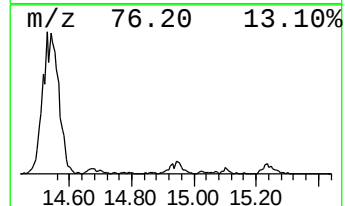
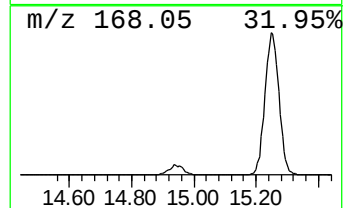
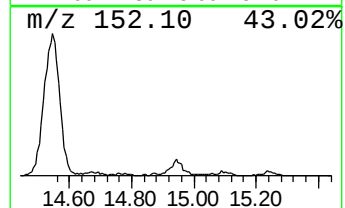
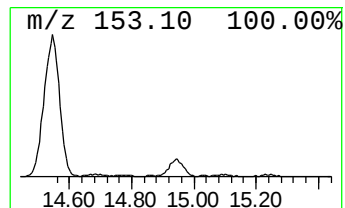
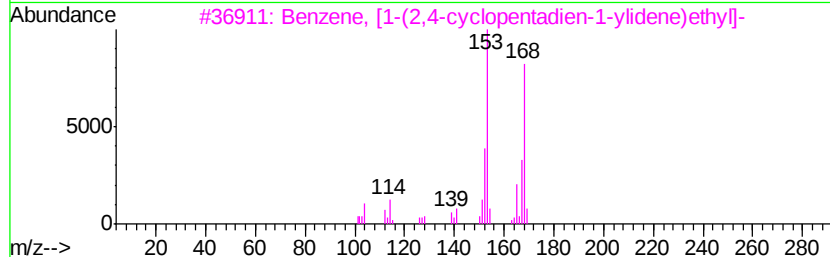
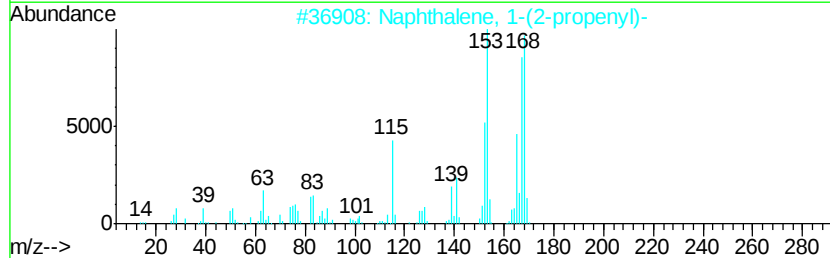
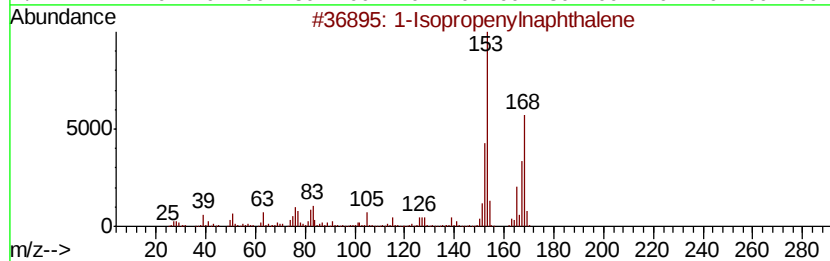
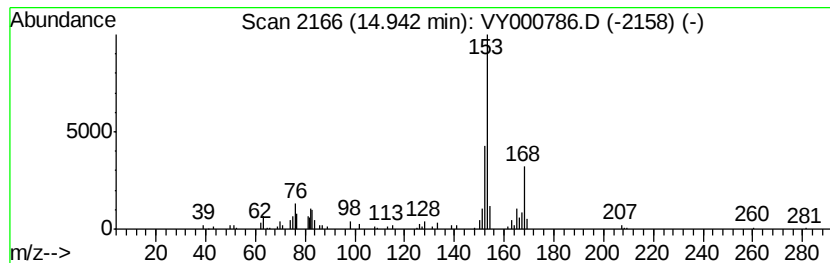
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	37.92 ug/l	109879	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
4		Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	47
5		2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000786.D
Acq On : 22 Nov 2019 12:28
Operator : SY/MD
Sample : K5671-11
Misc : 5.75G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

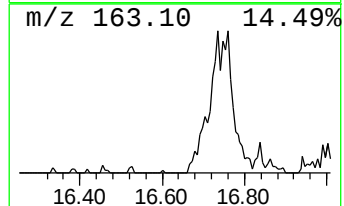
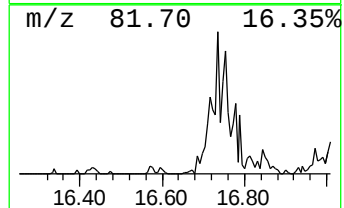
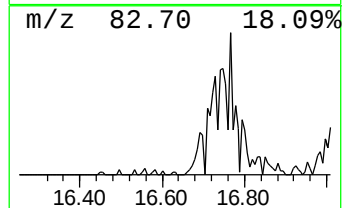
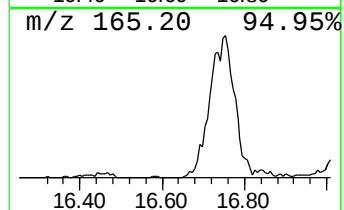
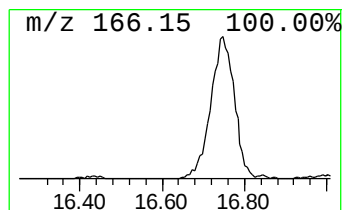
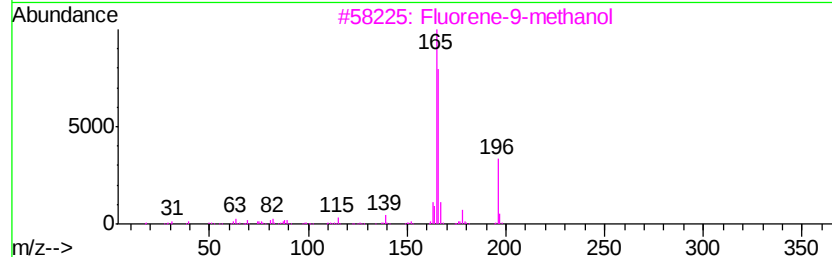
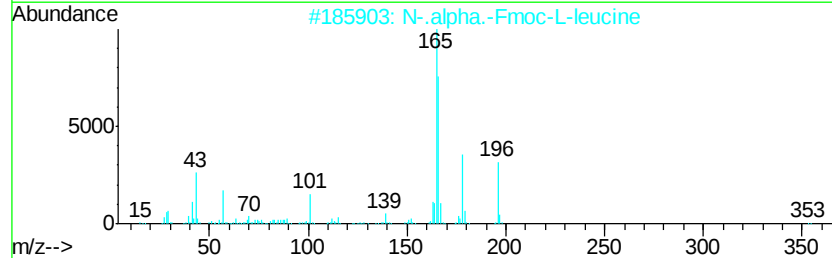
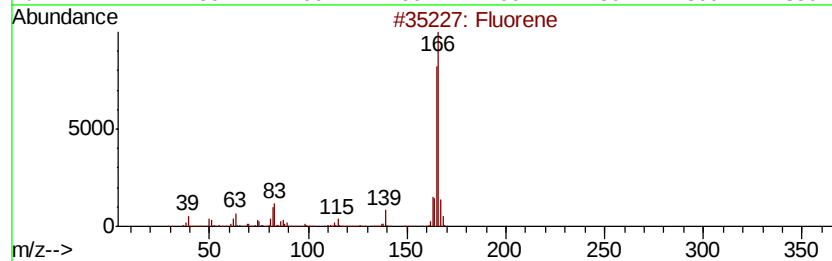
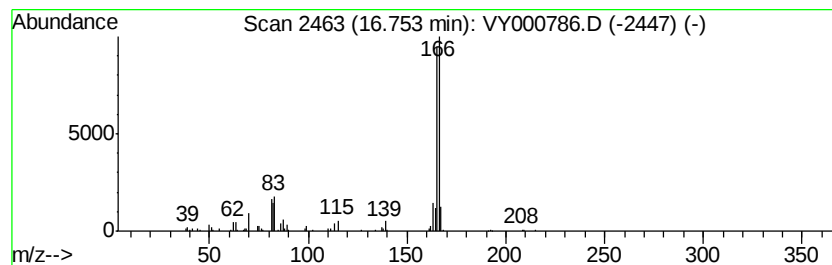
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Quant Title : SW846 8260

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

Peak Number 10 Fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	79.25 ug/l	229606	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene	166	C13H10	000086-73-7	90
2		N-.alpha.-Fmoc-L-leucine	353	C21H23N04	035661-60-0	72
3		Fluorene-9-methanol	196	C14H12O	024324-17-2	72
4		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	58
5		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY112219\
Data File : VY000786.D
Acq On : 22 Nov 2019 12:28
Operator : SY/MD
Sample : K5671-11
Misc : 5.75G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112119

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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, 2,7-...	11.77	75.6	ug/l	205790	3	11.49	136112	50.0
Naphthalene, 2,6-...	12.68	45.9	ug/l	133087	4	13.42	144864	50.0
Naphthalene, 1,6-...	13.24	24.2	ug/l	70053	4	13.42	144864	50.0
Naphthalene, 2-et...	13.77	36.5	ug/l	105709	4	13.42	144864	50.0
1,1'-Biphenyl, 3-...	14.07	41.7	ug/l	120897	4	13.42	144864	50.0
Acenaphthene	14.55	382.6	ug/l	1108420	4	13.42	144864	50.0
Naphthalene, 1,4,...	14.67	26.2	ug/l	75900	4	13.42	144864	50.0
1-Isopropenyl naph...	14.94	37.9	ug/l	109879	4	13.42	144864	50.0
Fluorene	16.75	79.3	ug/l	229606	4	13.42	144864	50.0