

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015808.D
 Acq On : 03 Oct 2023 16:07
 Operator : SY/MD
 Sample : 04685-10
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B13.0-2

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\82Y091923S.M
 Title : SW846 8260

Signal : TIC: VY015808.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	462	473	490	rBV	37288	112526	14.90%	2.260%
2	5.741	631	643	657	rVB3	11303	37092	4.91%	0.745%
3	7.710	957	966	972	rBV	106210	251487	33.29%	5.050%
4	7.783	972	978	990	rVB	175690	395326	52.33%	7.938%
5	8.137	1027	1036	1047	rBV	114223	246507	32.63%	4.950%
6	8.685	1118	1126	1142	rBV	276027	536926	71.07%	10.781%
7	10.179	1362	1371	1381	rBV	425827	755454	100.00%	15.169%
8	11.490	1578	1586	1596	rBV	396224	660455	87.42%	13.262%
9	11.697	1613	1620	1625	rBV9	3189	8893	1.18%	0.179%
10	12.380	1720	1732	1734	rBV4	13457	44927	5.95%	0.902%
11	12.477	1742	1748	1757	rVB	345951	558854	73.98%	11.222%
12	12.636	1764	1774	1783	rVB6	14675	54498	7.21%	1.094%
13	12.922	1805	1821	1822	rBV3	31547	91830	12.16%	1.844%
14	13.075	1838	1846	1862	rVB6	20692	103927	13.76%	2.087%
15	13.422	1894	1903	1914	rVB	411260	645496	85.44%	12.961%
16	13.642	1932	1939	1951	rVB5	15638	52306	6.92%	1.050%
17	13.959	1986	1991	1996	rVV2	17408	31269	4.14%	0.628%
18	14.532	2078	2085	2092	rBV9	9994	32940	4.36%	0.661%
19	14.849	2128	2137	2139	rBV2	16868	39043	5.17%	0.784%
20	15.038	2158	2168	2175	rBV2	31357	86727	11.48%	1.741%
21	15.202	2191	2195	2197	rBV4	5611	9321	1.23%	0.187%
22	15.404	2221	2228	2239	rVB3	16877	58789	7.78%	1.180%
23	15.721	2270	2280	2293	rVB7	16168	70679	9.36%	1.419%
24	15.903	2302	2310	2317	rVB6	12161	37985	5.03%	0.763%
25	16.001	2320	2326	2327	rBV5	5207	9004	1.19%	0.181%
26	16.220	2353	2362	2371	rVB5	7916	28076	3.72%	0.564%
27	16.745	2440	2448	2454	rBV7	6865	19767	2.62%	0.397%

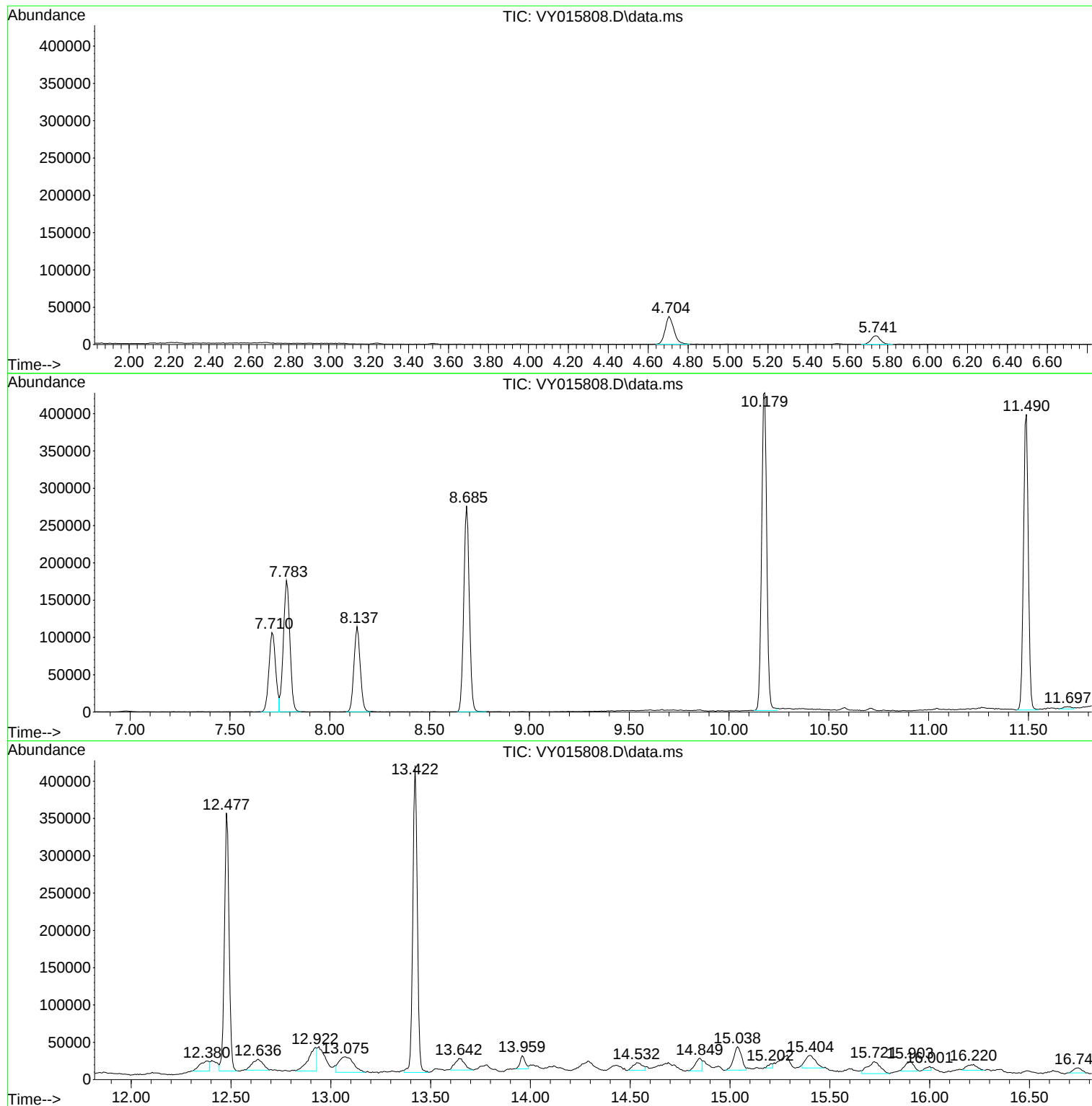
Sum of corrected areas: 4980104

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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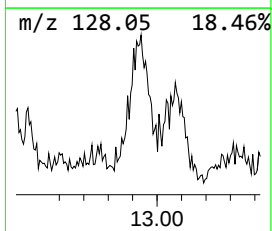
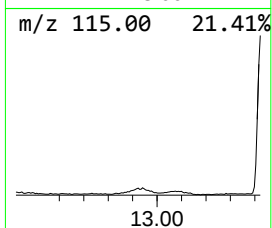
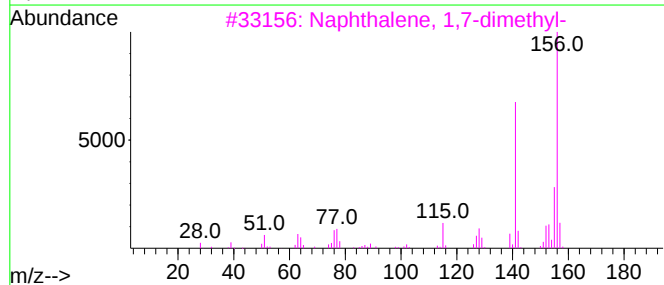
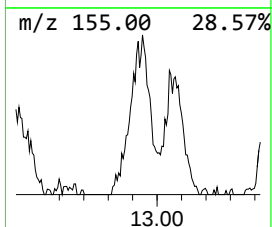
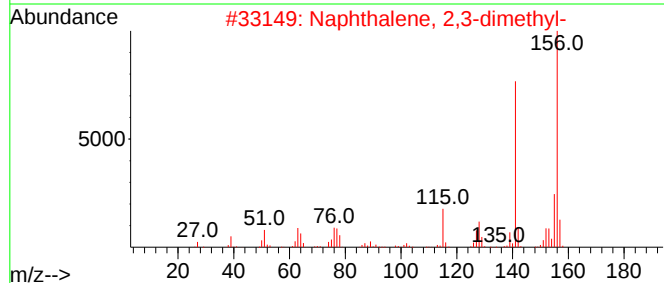
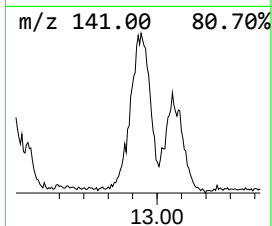
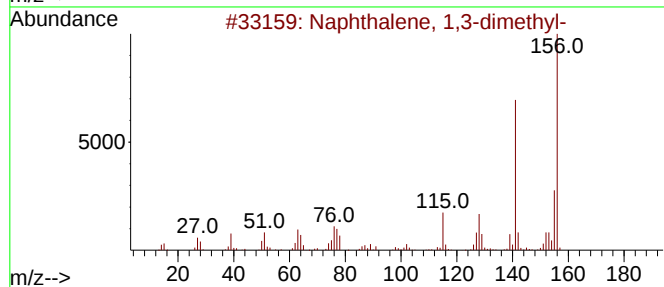
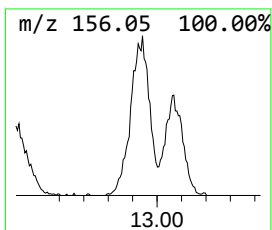
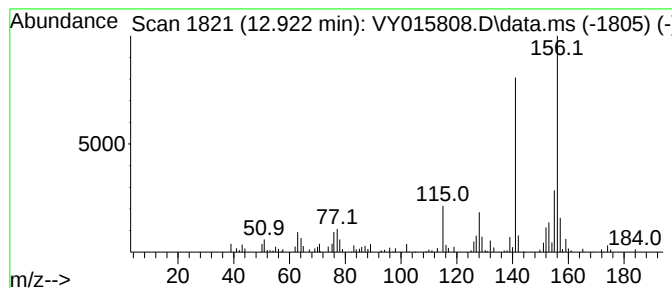
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	7.11 ug/l	91830	1,4-Dichlorobenzene-d4	13.422

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	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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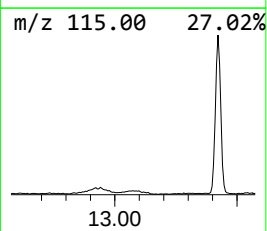
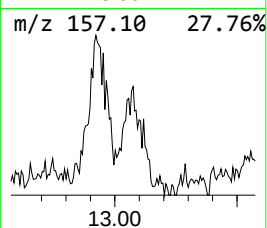
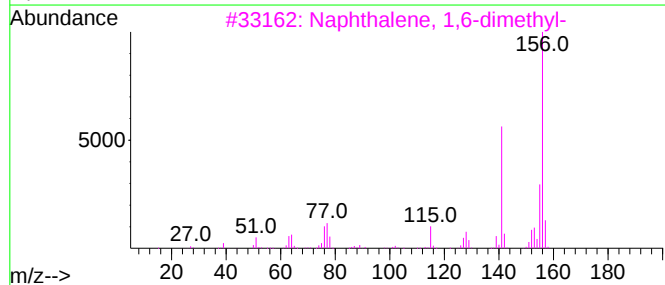
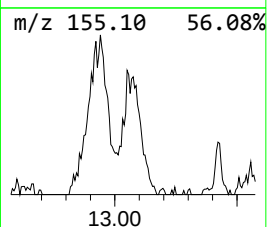
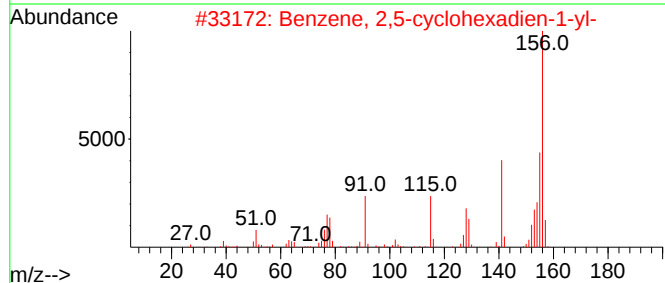
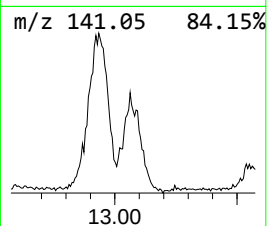
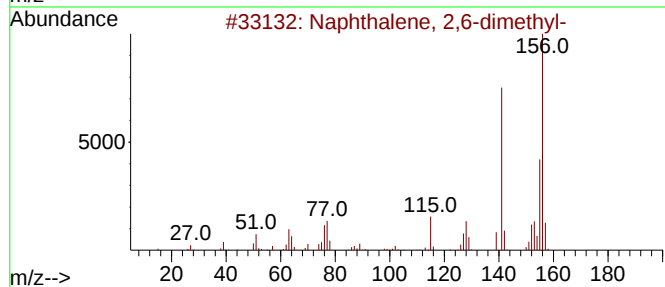
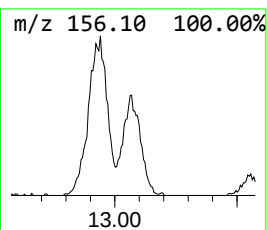
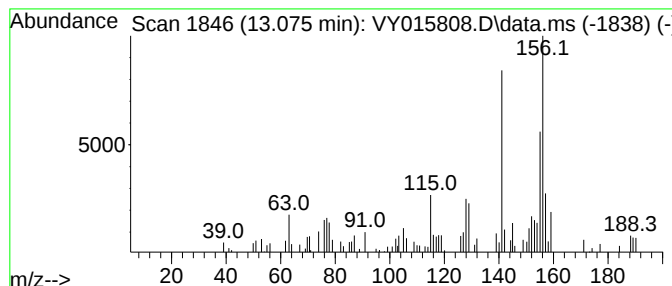
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	8.05 ug/l	103927	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	76
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	64



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Instrument :
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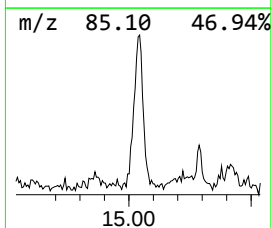
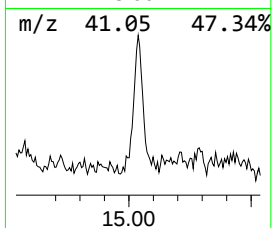
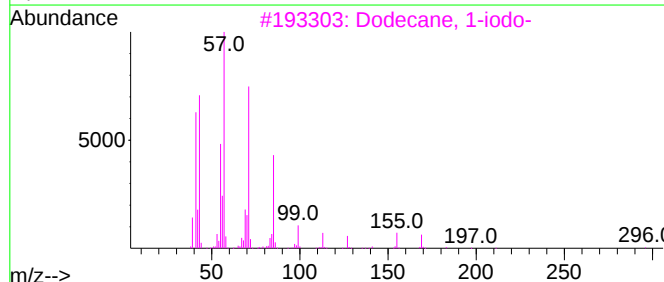
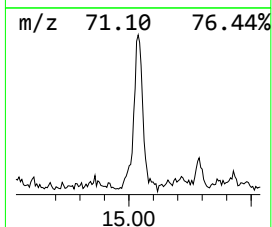
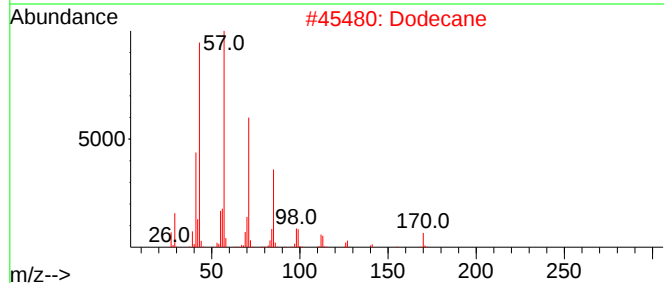
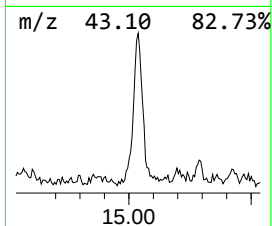
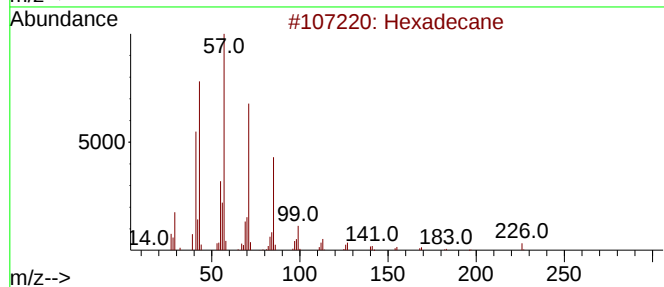
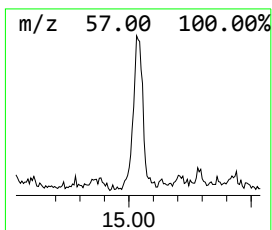
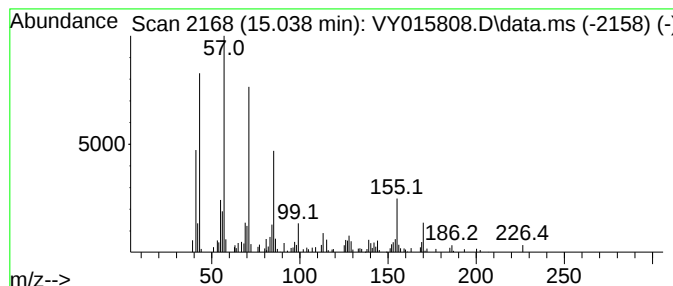
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Quant Title : SW846 8260

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Peak Number 3 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.038	6.72 ug/l	86727	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Dodecane	170	C12H26	000112-40-3	87
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	80
5			Tridecane	184	C13H28	000629-50-5	80



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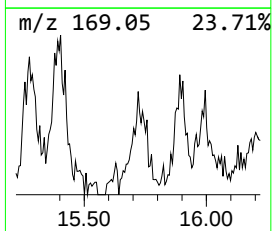
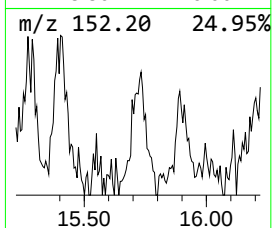
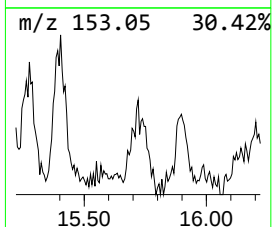
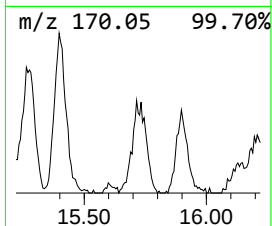
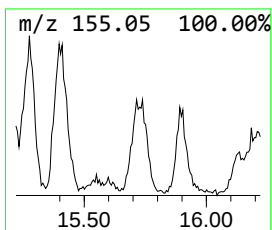
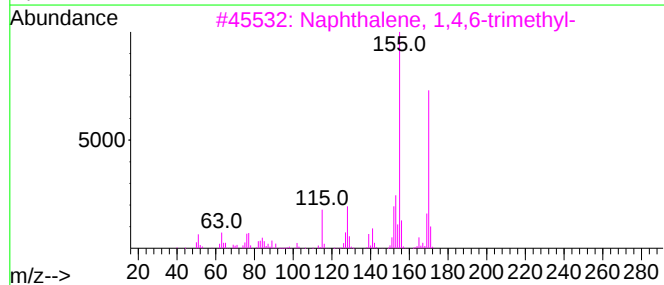
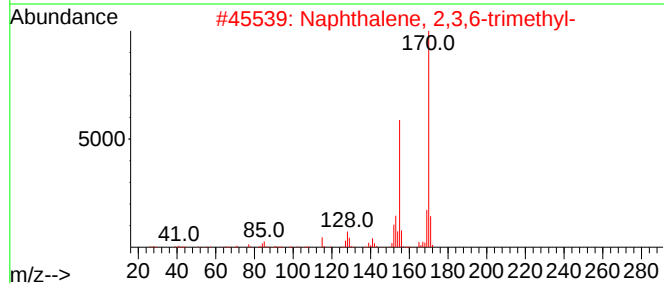
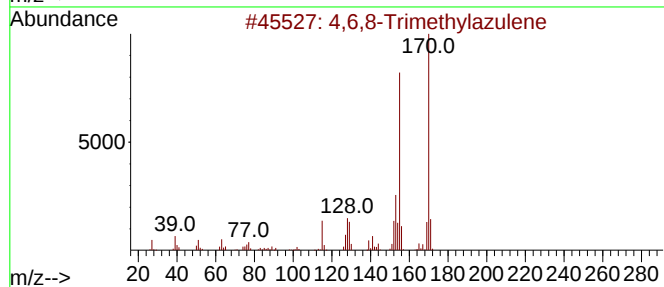
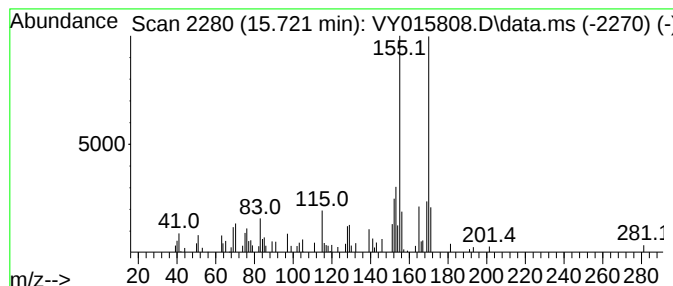
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TIC Integration Parameters: LSCINT.P

Peak Number 4 4,6,8-Trimethylazulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.721	5.47 ug/l	70679	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	12.922	7.1	ug/l	91830	4	13.422	645496	50.0
Naphthalene, 2,...	13.075	8.1	ug/l	103927	4	13.422	645496	50.0
Hexadecane	15.038	6.7	ug/l	86727	4	13.422	645496	50.0
4,6,8-Trimethyl...	15.721	5.5	ug/l	70679	4	13.422	645496	50.0