LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064259.D
Acq On : 18 Nov 2019 12:38
Operator : VA/SY
Sample : K5818-01
Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30525

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_D\METHOD\82D110819S.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	7.961	1009	1027	1038	rBV4	2723633	9339983	5.30%	4.470%
2	8.067	1038	1045	1055	rVB	977415	2410344	1.37%	1.154%
3	8.191	1055	1066	1074	rBV	3284137	7600021	4.31%	3.637%
4	8.720	1147	1156	1171	rBV	2271071	4492441	2.55%	2.150%
5	8.867	1172	1181	1193	rVB	1138369	2289246	1.30%	1.096%
6	9.355	1248	1264	1271	rBV2	659047	1860365	1.06%	0.890%
7	10.350	1425	1433	1436	rBV	1241538	2430059	1.38%	1.163%
8	10.408	1436	1443	1446	rBV3	84203418	176292069	100.00%	84.371%
9	11.650	1646	1654	1663	rBV	1288437	2233677	1.27%	1.069%

Sum of corrected areas: 208948205

LSC Report - Integrated Chromatogram

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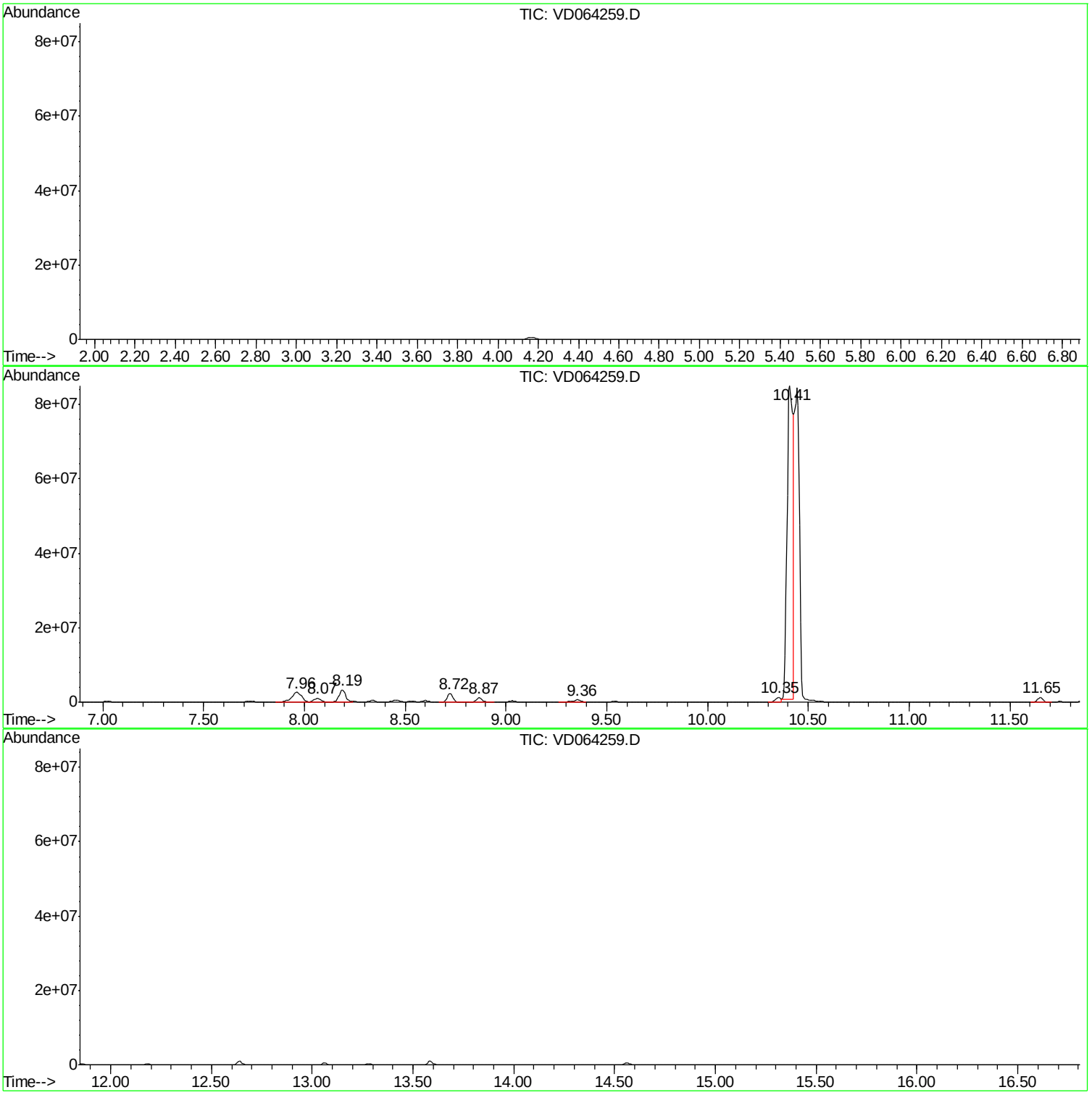
Instrument :
MSVOA_D
ClientSampleId :
30525

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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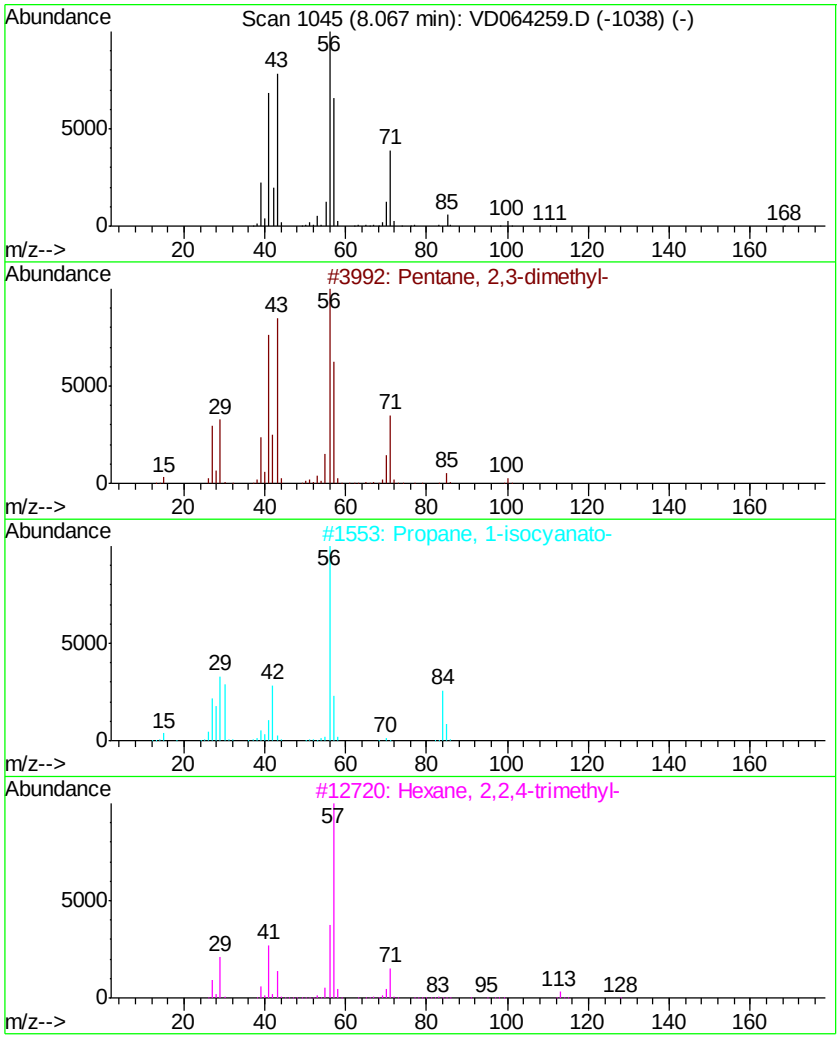
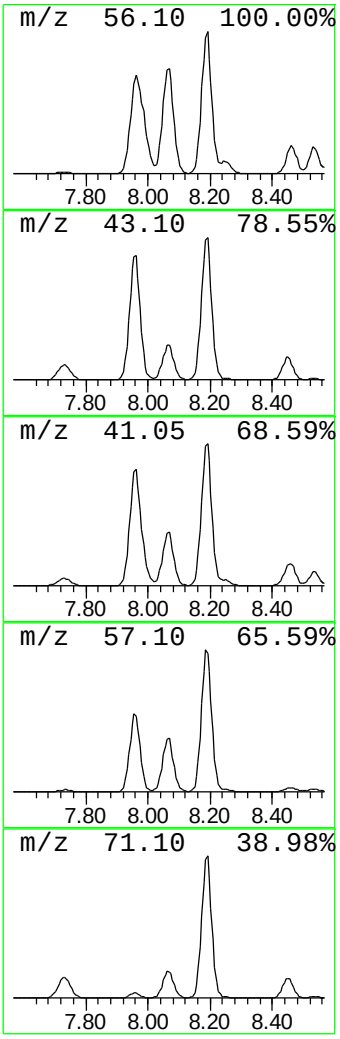
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	12.90 ug/l	2410340	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	43
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37





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Instrument : MSVOA_D
ClientSampleId : 30525

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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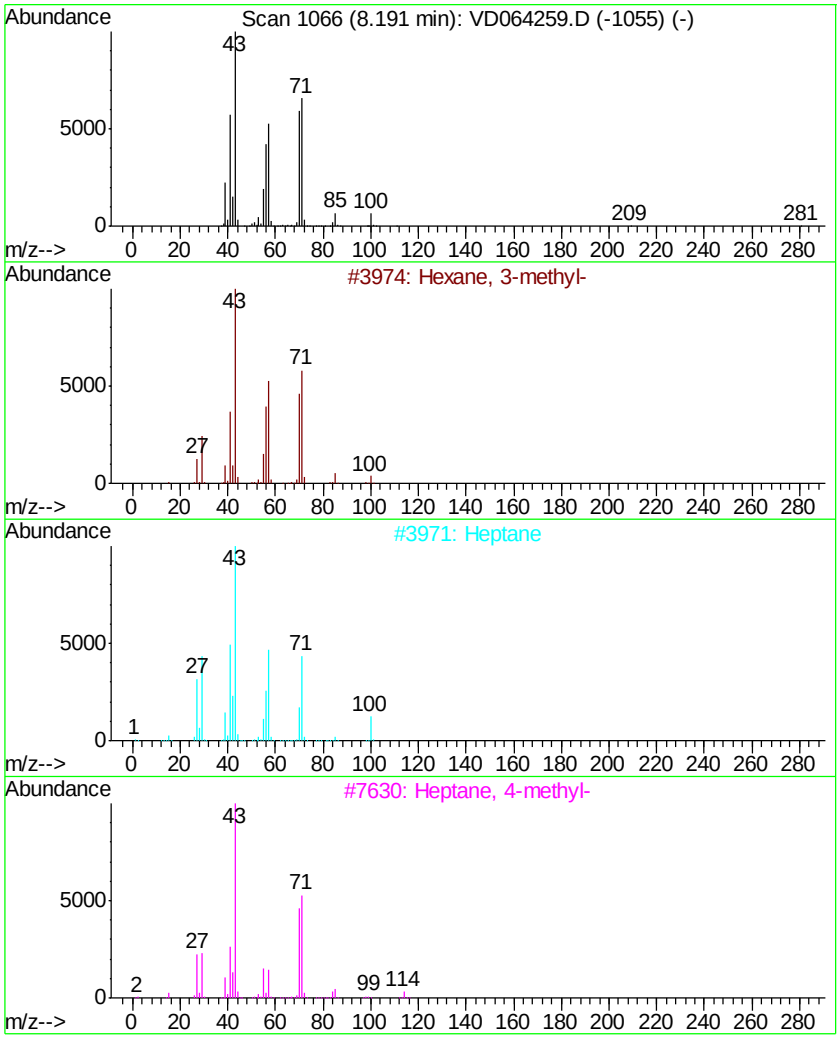
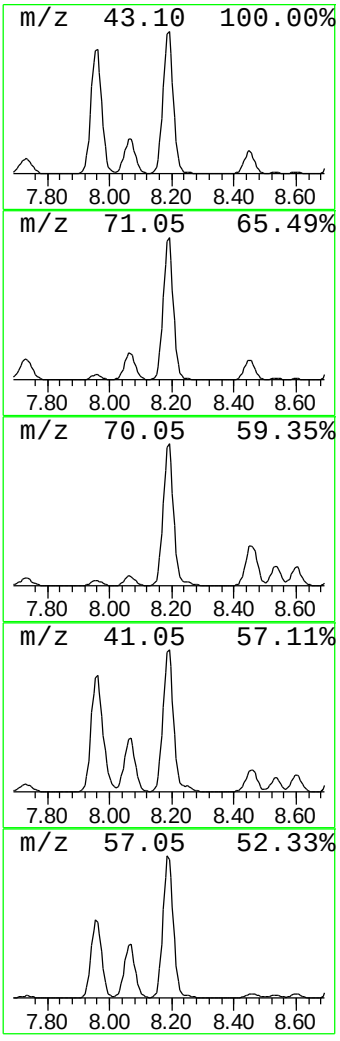
Peak Number 2 Hexane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	40.69 ug/l	7600020	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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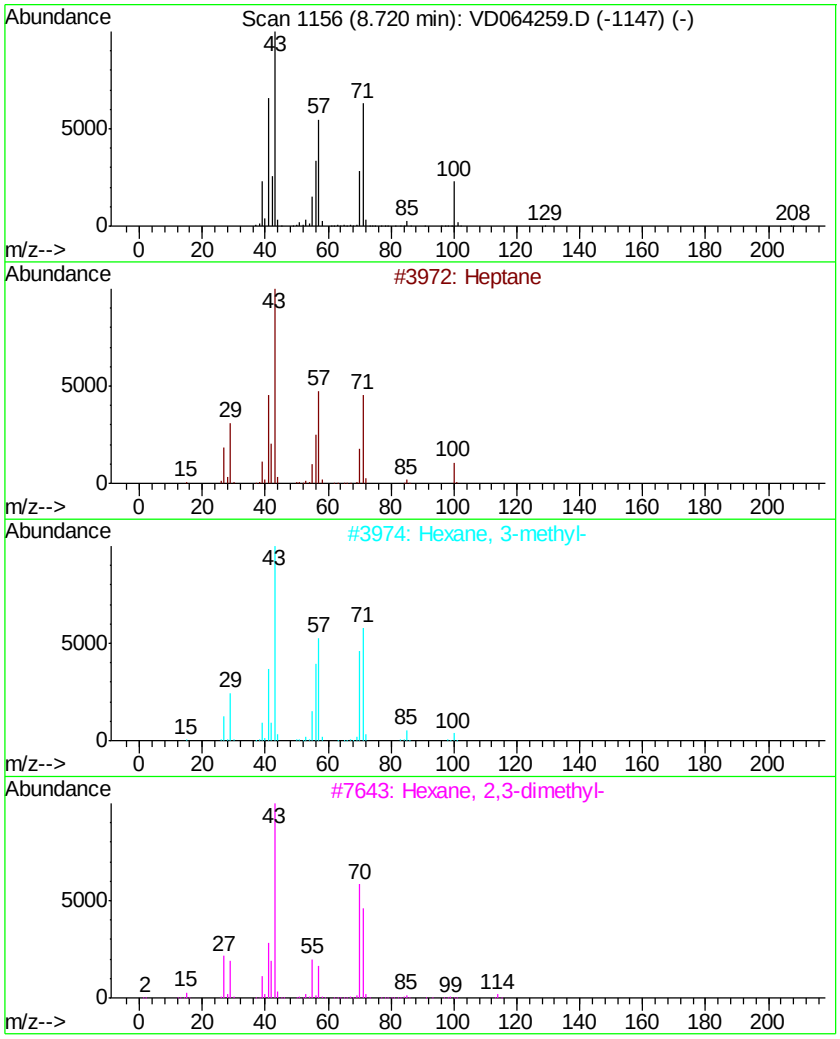
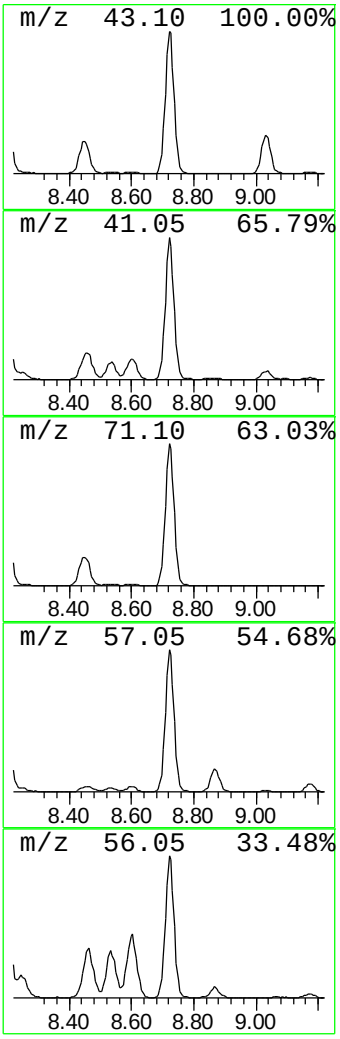
Peak Number 3 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	98.12 ug/l	4492440	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
4	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	37
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	37





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3-dime...	8.07	12.9	ug/l	2410340	1	7.98	9339980	50.0
Hexane, 3-methyl-	8.19	40.7	ug/l	7600020	1	7.98	9339980	50.0
Heptane	8.72	98.1	ug/l	4492440	2	8.87	2289250	50.0