LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	13	17	23	rVB	653773	656257	0.45%	0.329%
2	3.887	144	153	155	rBV3	59310581	144249639	100.00%	72.236%
3	5.175	367	372	380	rVB	599751	827461	0.57%	0.414%
4	5.304	389	394	397	rBV	343610	588292	0.41%	0.295%
5	7.634	783	790	800	rBV	3233842	5138082	3.56%	2.573%
6	10.416	1256	1263	1274	rBV	4287518	7135794	4.95%	3.573%
7	14.286	1914	1921	1931	rBV2	6235242	9200089	6.38%	4.607%
8	15.557	2131	2137	2144	rBV	281102	394310	0.27%	0.197%
9	16.257	2251	2256	2263	rVB	225430	317109	0.22%	0.159%
10	16.786	2341	2346	2351	rBV	209037	297098	0.21%	0.149%
11	17.033	2381	2388	2397	rBV2	6033313	8408126	5.83%	4.211%
12	17.904	2532	2536	2541	rBV	218793	296169	0.21%	0.148%
13	19.439	2793	2797	2801	rBV4	244942	335034	0.23%	0.168%
14	19.768	2849	2853	2858	rBV	477616	591729	0.41%	0.296%
15	20.039	2895	2899	2903	rBV3	304034	429674	0.30%	0.215%
16	20.092	2904	2908	2912	rVV	834643	967760	0.67%	0.485%
17	20.527	2979	2982	2987	rBV	279995	329775	0.23%	0.165%
18	20.603	2991	2995	2999	rBV	907000	1089440	0.76%	0.546%
19	21.068	3070	3074	3079	rBV	1775640	1978915	1.37%	0.991%
20	21.227	3096	3101	3106	rBV	5911620	7624950	5.29%	3.818%
21	23.427	3469	3475	3483	rVB	4754746	8836581	6.13%	4.425%

Sum of corrected areas: 199692284

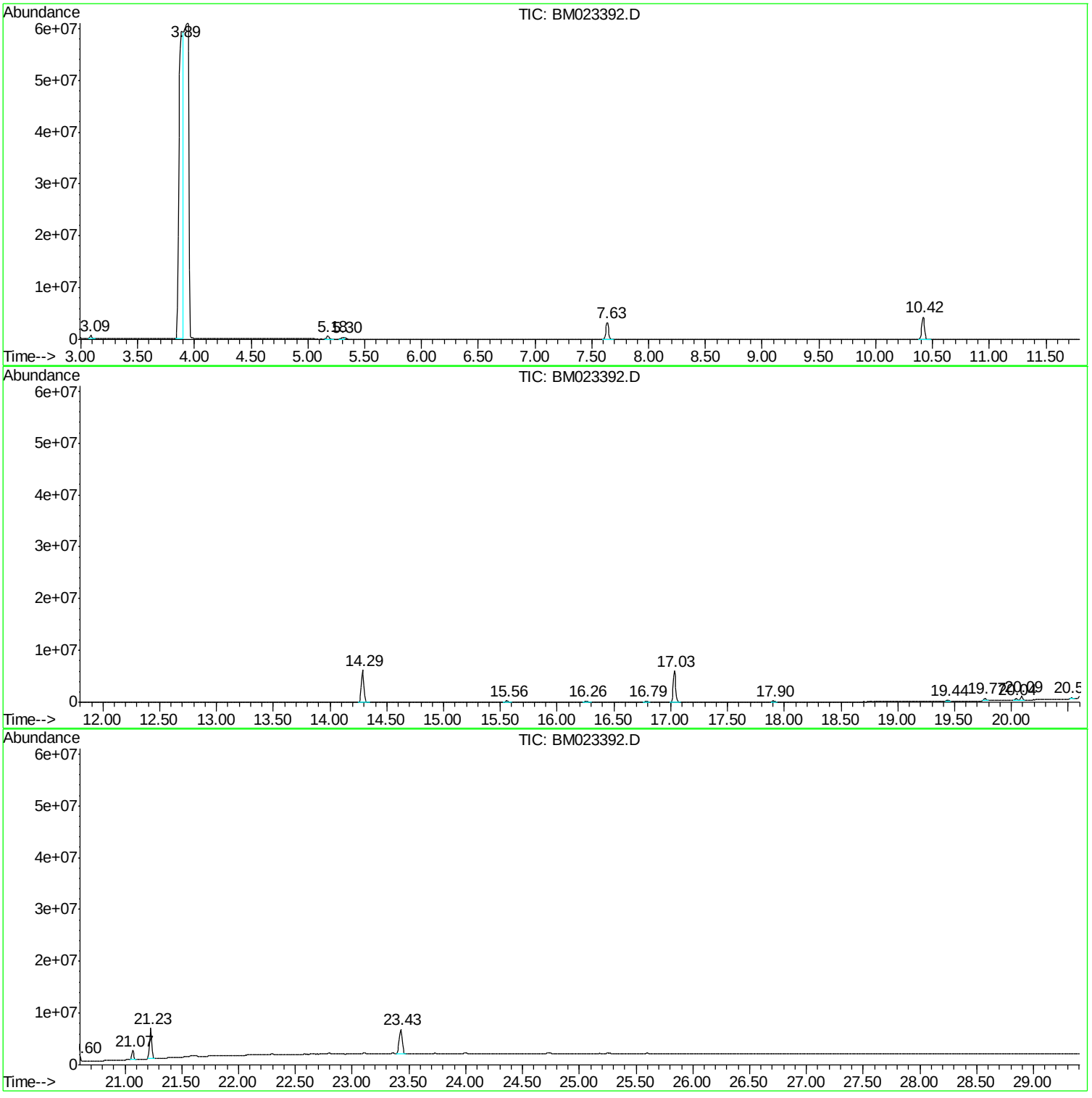
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

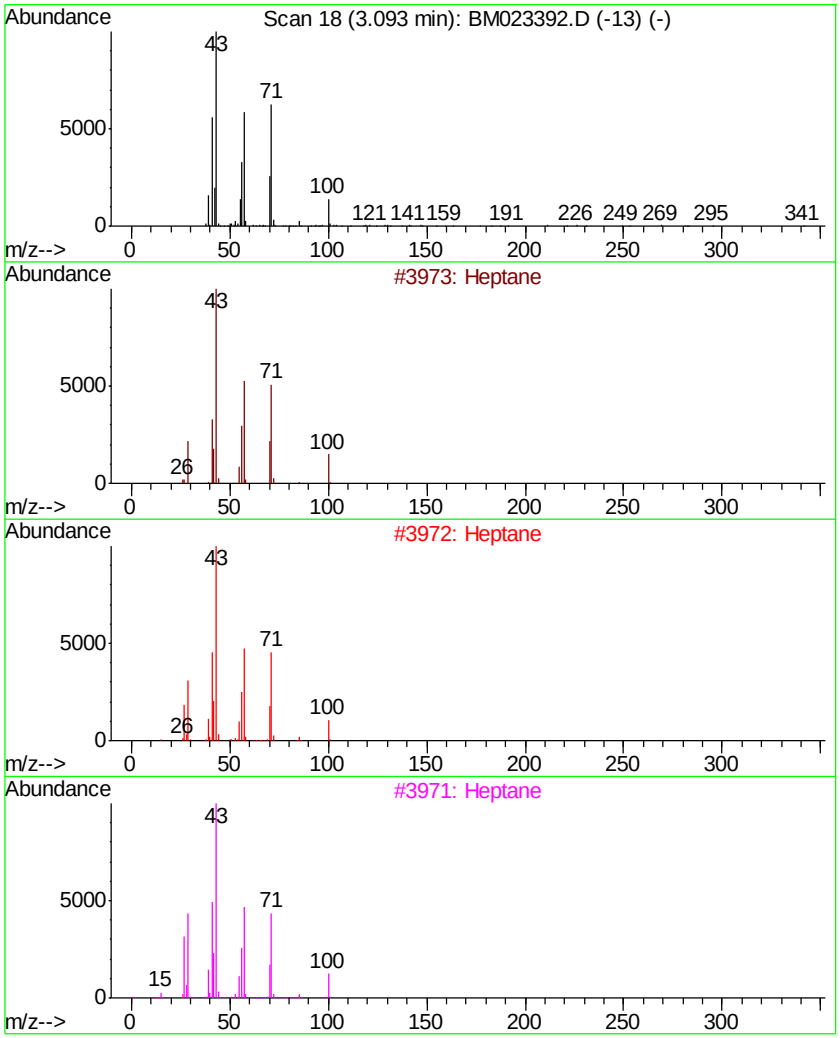
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

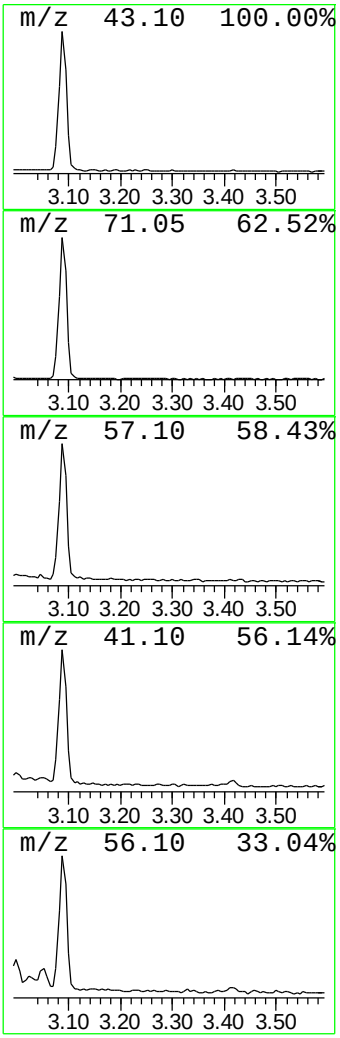
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	2.55 ng/ul	656257	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	80
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

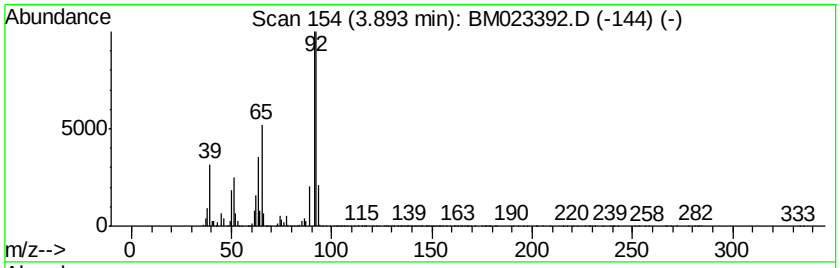
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

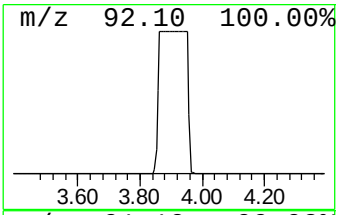
****

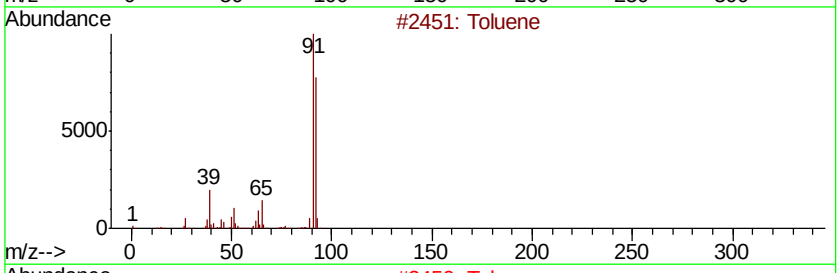
Peak Number 2 Toluene Concentration Rank 1

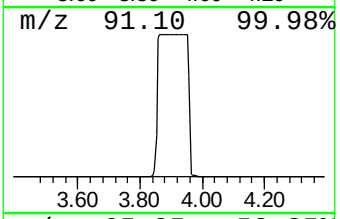
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	561.49 ng/ul	144250000	1,4-Dichlorobenzene-d4	7.63

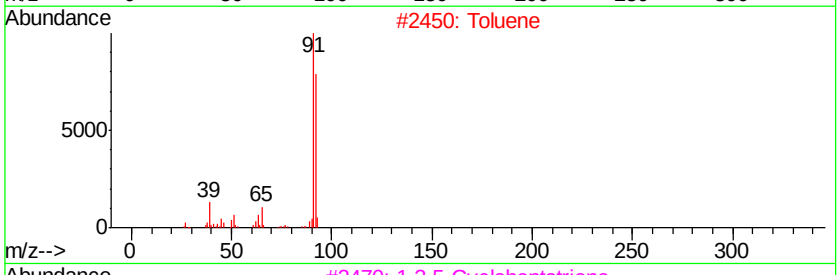
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	87
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
4	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	72
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	64

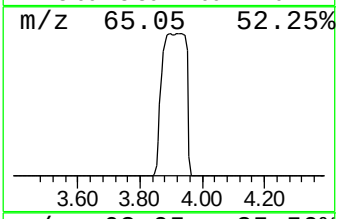


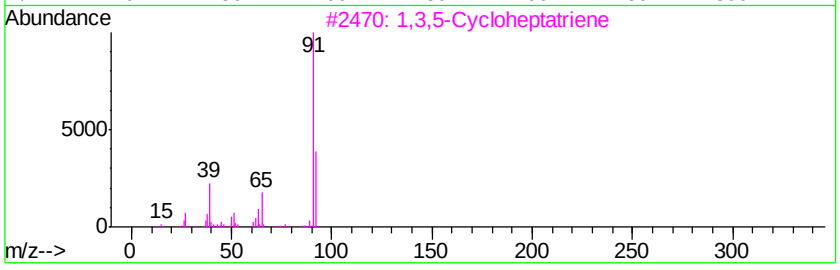


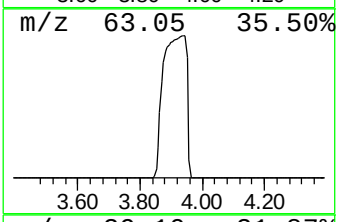


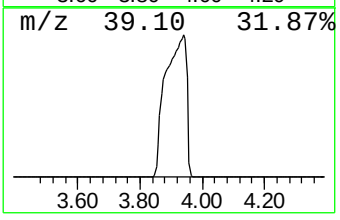












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

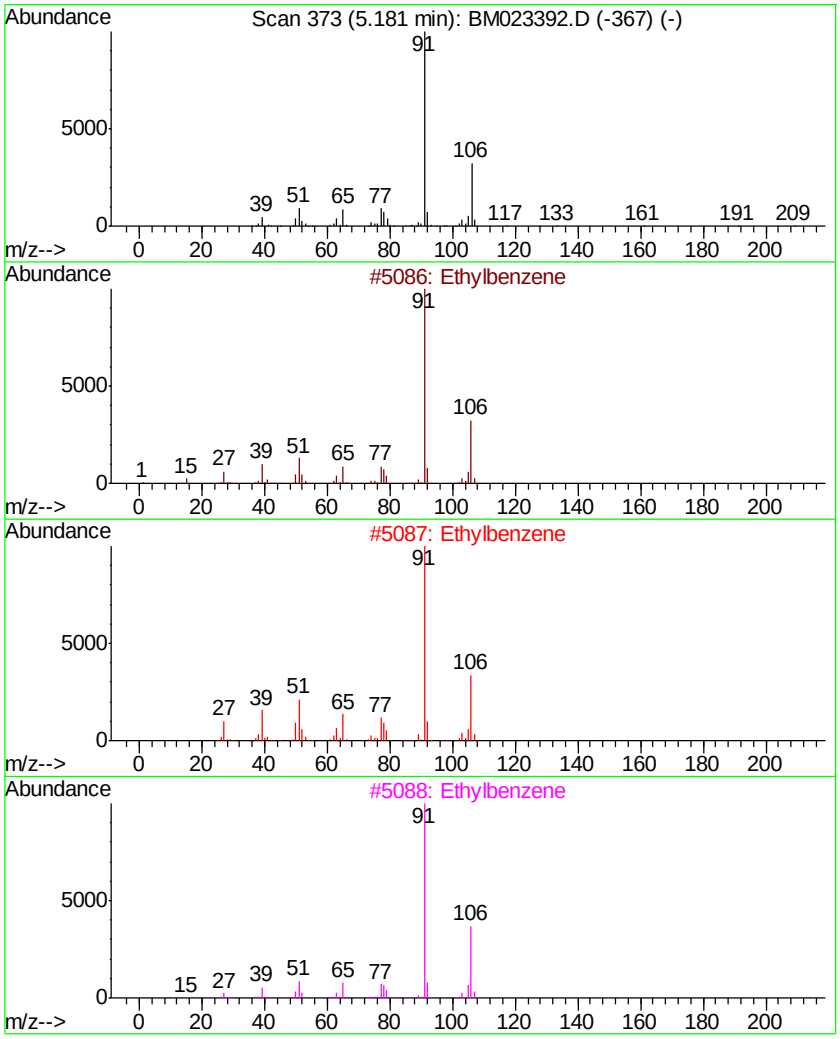
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

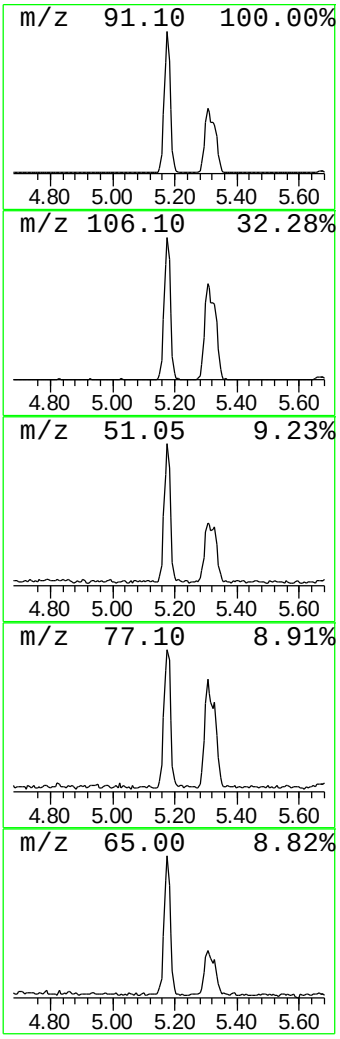
****

Peak Number 3 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.22 ng/ul	827461	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

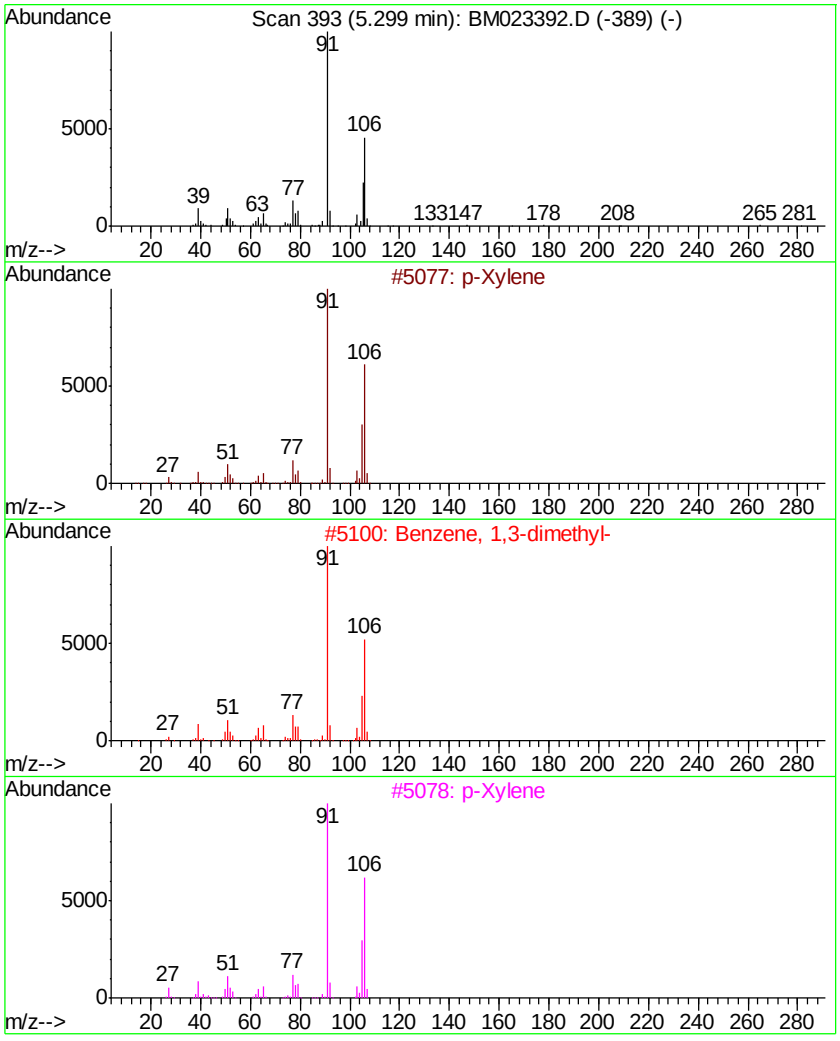
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

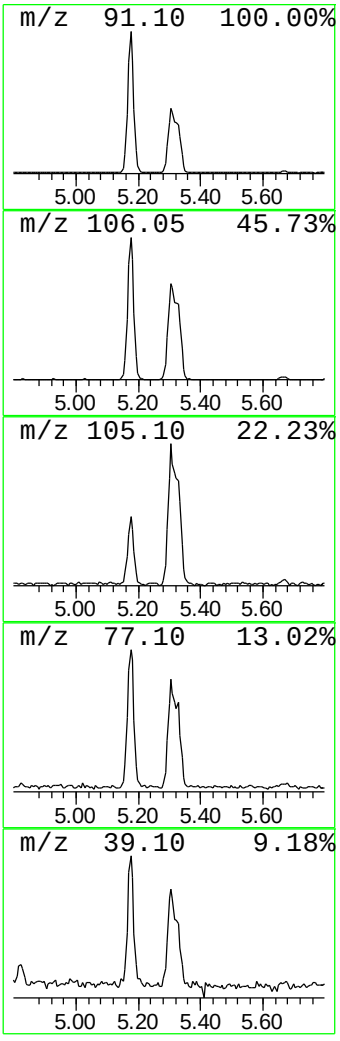
****

Peak Number 4 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	2.29 ng/ul	588292	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

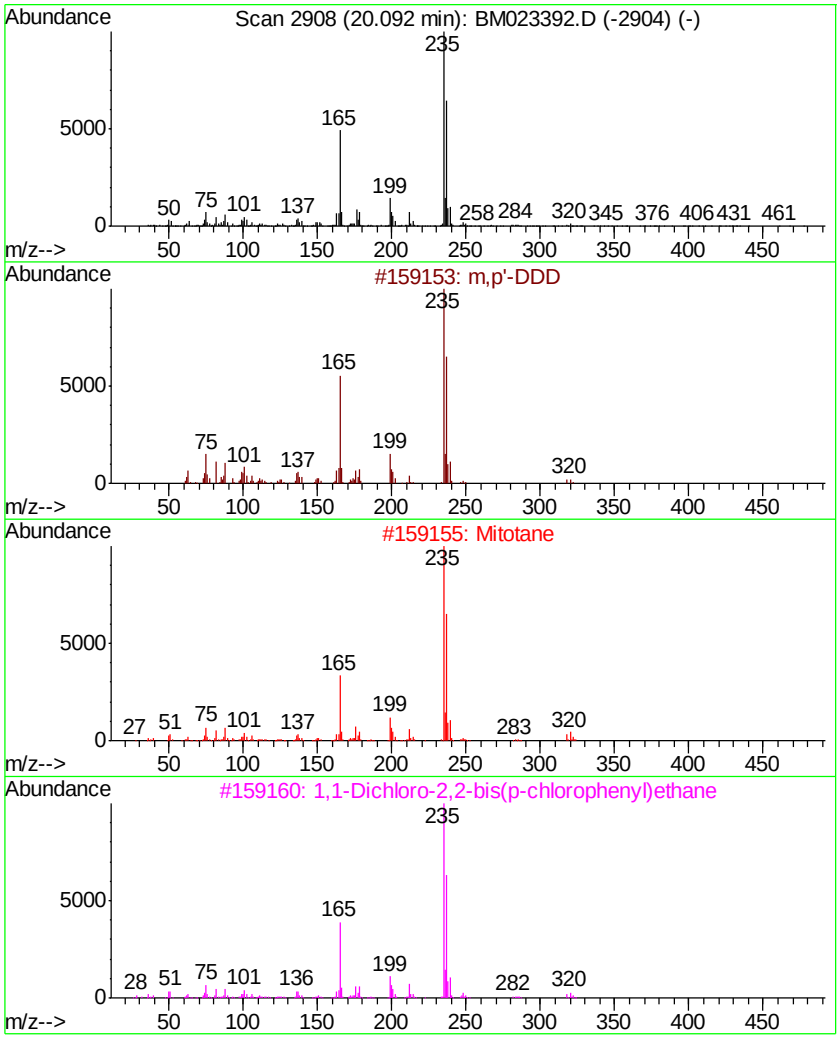
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

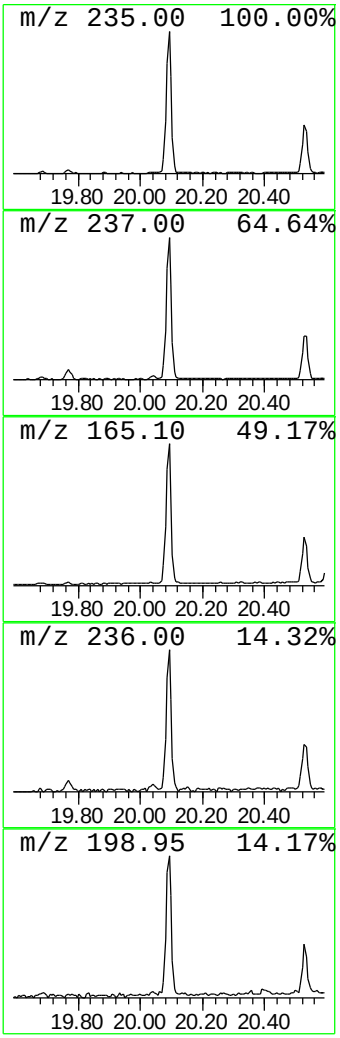
****

Peak Number 5 m,p'-DDD Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.54 ng/ul	967760	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD	318	C14H10Cl4	004329-12-8	99
2	Mitotane	318	C14H10Cl4	000053-19-0	98
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
4	m,p'-DDD	318	C14H10Cl4	004329-12-8	94
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
Sample : INDA STD 4PPM
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

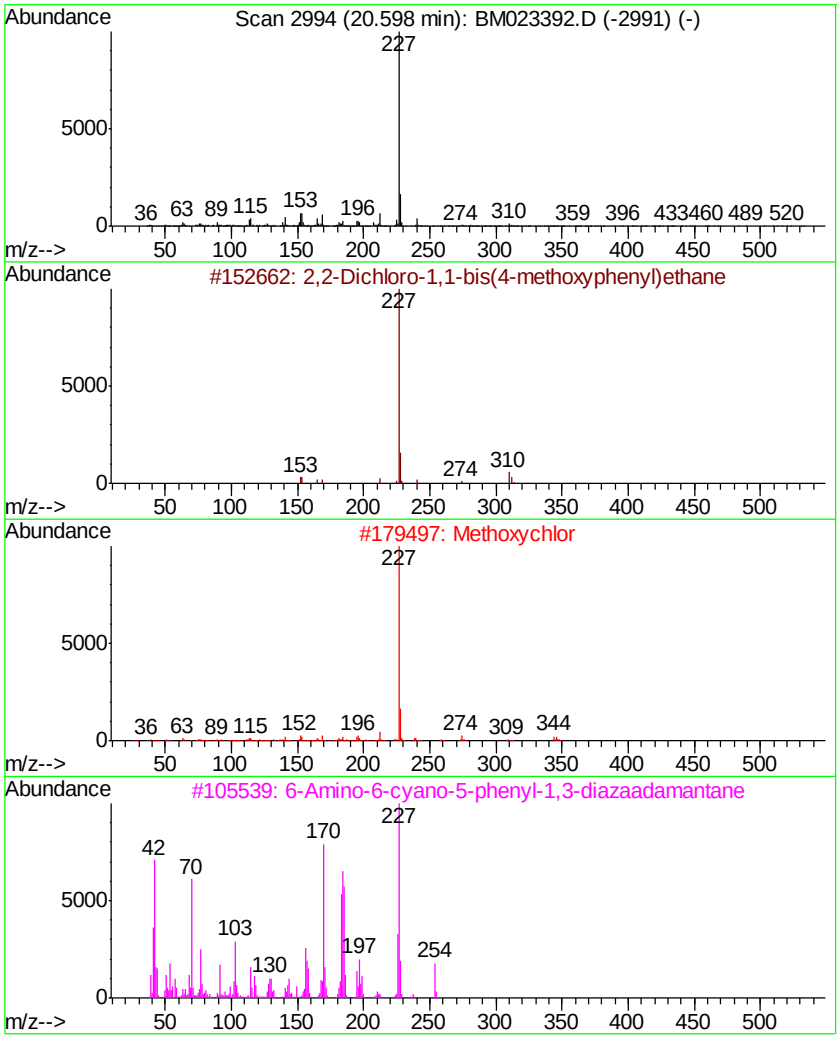
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

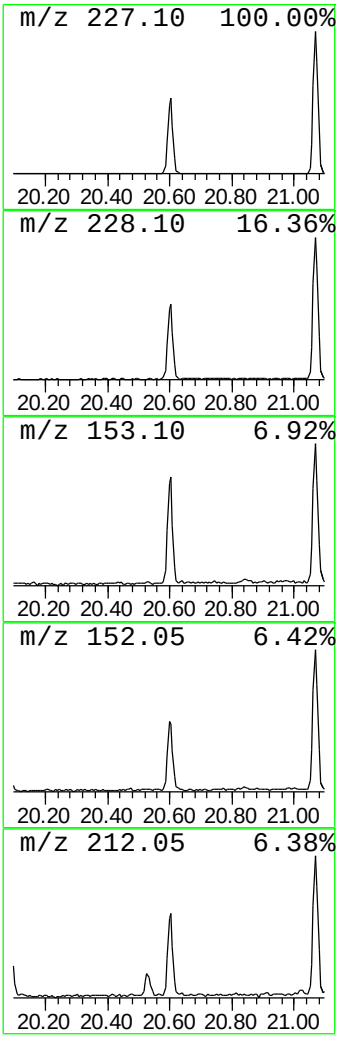
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dichloro-1,1-bis(4-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.86 ng/ul	1089440	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dichloro-1,1-bis(4-methoxyph...	310	C16H16Cl2O2	007388-31-0	86
2	Methoxychlor	344	C16H15Cl3O2	000072-43-5	78
3	6-Amino-6-cyano-5-phenyl-1,3-dia...	254	C15H18N4	147084-81-9	59
4	Methoxychlor	344	C16H15Cl3O2	000072-43-5	56
5	4-[(3-Methoxy-phenylimino)-methy...	227	C14H13NO2	1000294-23-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023392.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

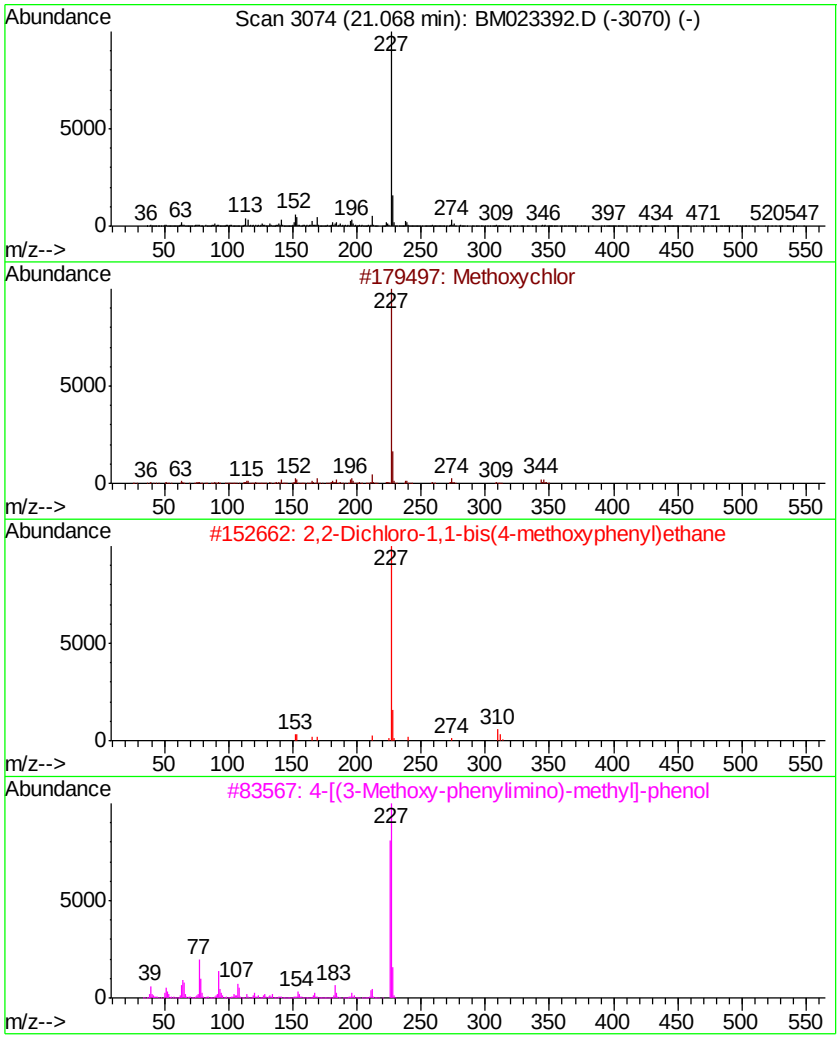
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

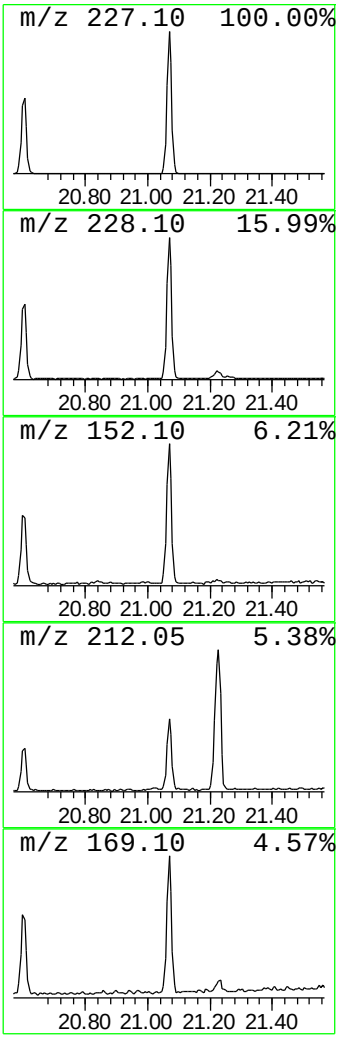
****

Peak Number 7 Methoxychlor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.19 ng/ul	1978920	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxychlor	344	C16H15Cl3O2	000072-43-5	97
2	2,2-Dichloro-1,1-bis(4-methoxyph...	310	C16H16Cl2O2	007388-31-0	72
3	4-[(3-Methoxy-phenylimino)-methy...	227	C14H13NO2	1000294-23-9	72
4	5,6-Dihydro-6-oxodibenzo(b,f)-1,...	227	C13H9NOS	003159-07-7	64
5	Methoxychlor	344	C16H15Cl3O2	000072-43-5	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102419\
Data File : BM023392.D
Acq On : 25 Oct 2019 03:02
Operator : JU
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Misc :
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Instrument : BNA_M
ClientSampleId : INDA STD 4PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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: Str...	3.09	2.5	ng/ul	656257	1	7.63	5138080	20.0
Toluene	3.89	561.5	ng/ul	144250000	1	7.63	5138080	20.0
Ethylbenzene	5.18	3.2	ng/ul	827461	1	7.63	5138080	20.0
p-Xylene	5.30	2.3	ng/ul	588292	1	7.63	5138080	20.0
m,p'-DDD	20.09	2.5	ng/ul	967760	5	21.23	7624950	20.0
2,2-Dichloro-1,1-...	20.60	2.9	ng/ul	1089440	5	21.23	7624950	20.0
Methoxychlor	21.07	5.2	ng/ul	1978920	5	21.23	7624950	20.0