LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023393.D
Acq On : 25 Oct 2019 03:38
Operator : JU
Sample : INDB STD 4PPM
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB 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	22	rVB	1264435	1249177	0.87%	0.626%
2	3.893	144	154	155	rBV2	59064042	143892478	100.00%	72.081%
3	4.422	240	244	251	rVB2	115414	171944	0.12%	0.086%
4	4.822	308	312	318	rVB	116567	164547	0.11%	0.082%
5	5.175	367	372	377	rVB	473877	641136	0.45%	0.321%
6	5.304	389	394	396	rBV	225639	310551	0.22%	0.156%
7	7.634	783	790	800	rBV	3317327	5264103	3.66%	2.637%
8	10.416	1255	1263	1278	rBV	4406898	7390225	5.14%	3.702%
9	14.286	1914	1921	1934	rBV	6808255	9821211	6.83%	4.920%
10	15.557	2131	2137	2142	rBV	305349	427965	0.30%	0.214%
11	16.627	2314	2319	2325	rVB2	204013	286014	0.20%	0.143%
12	17.033	2381	2388	2399	rBV2	6481783	9085194	6.31%	4.551%
13	17.186	2409	2414	2421	rVB	225907	303718	0.21%	0.152%
14	18.445	2623	2628	2633	rBV	294947	416191	0.29%	0.208%
15	18.939	2708	2712	2718	rBV	248734	345218	0.24%	0.173%
16	19.250	2760	2765	2770	rBV	274040	370105	0.26%	0.185%
17	19.409	2788	2792	2798	rBV3	282526	354516	0.25%	0.178%
18	19.580	2817	2821	2829	rBV	721820	891655	0.62%	0.447%
19	20.150	2913	2918	2922	rBV3	453250	612977	0.43%	0.307%
20	20.303	2941	2944	2950	rVB2	371195	456928	0.32%	0.229%
21	20.574	2986	2990	2996	rBV	420870	546970	0.38%	0.274%
22	21.144	3084	3087	3090	rBV3	295375	347002	0.24%	0.174%
23	21.227	3096	3101	3106	rBV	5969594	7654923	5.32%	3.835%
24	23.427	3469	3475	3484	rVB	4702299	8620792	5.99%	4.318%

Sum of corrected areas: 199625540

LSC Report - Integrated Chromatogram

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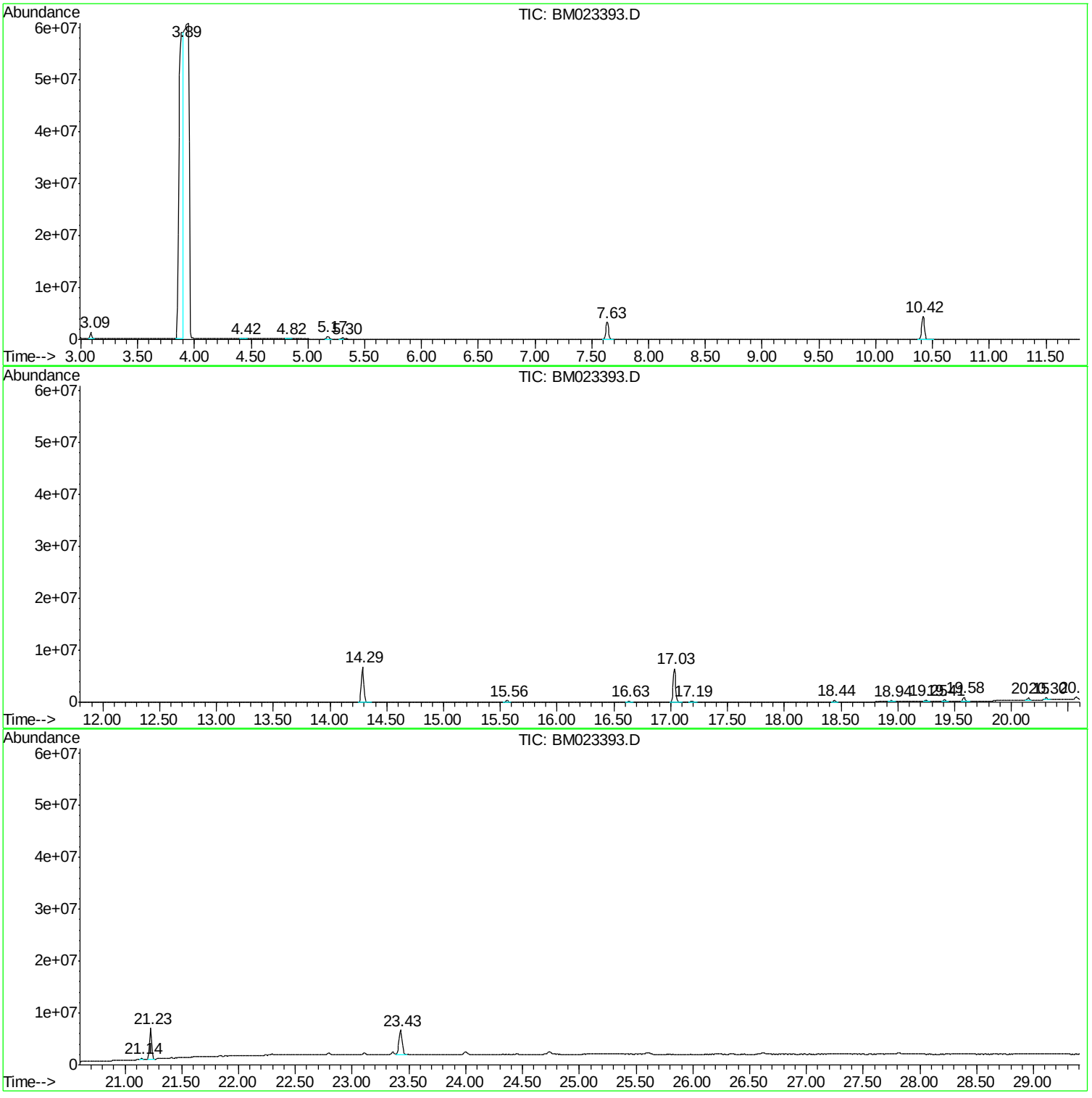
Instrument : BNA_M
ClientSampleId : INDB STD 4PPM

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

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Data File : BM023393.D
Acq On : 25 Oct 2019 03:38
Operator : JU
Sample : INDB STD 4PPM
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB STD 4PPM

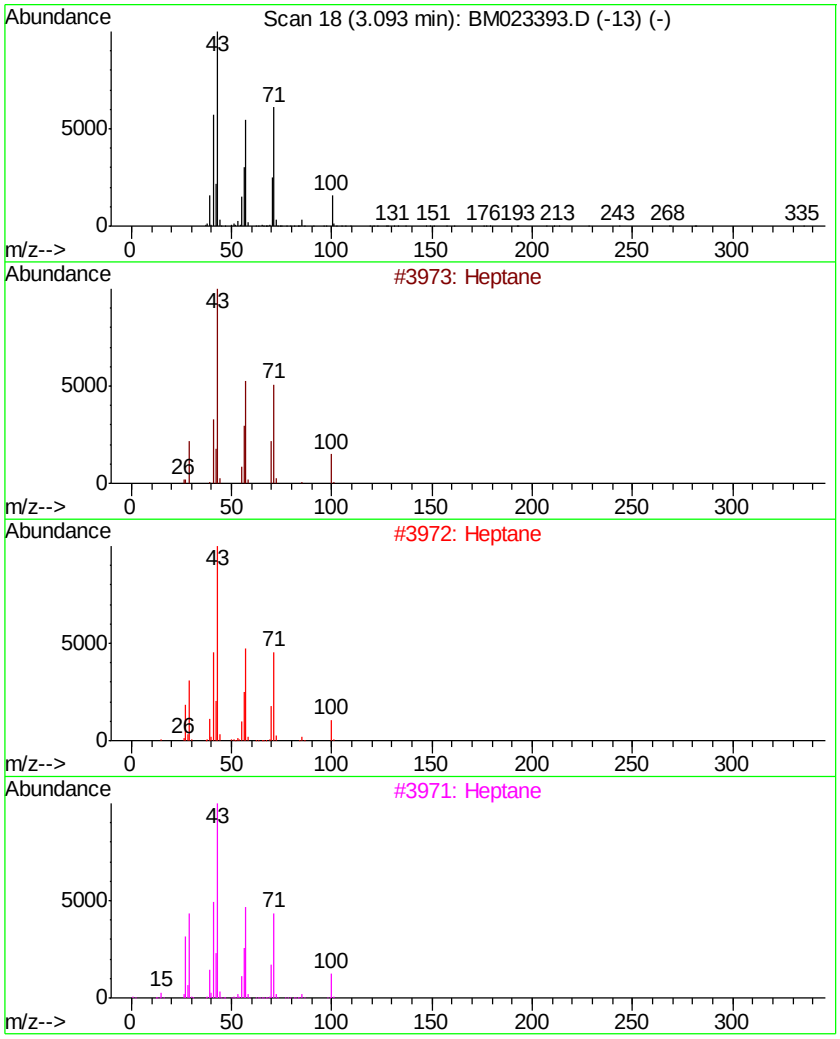
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

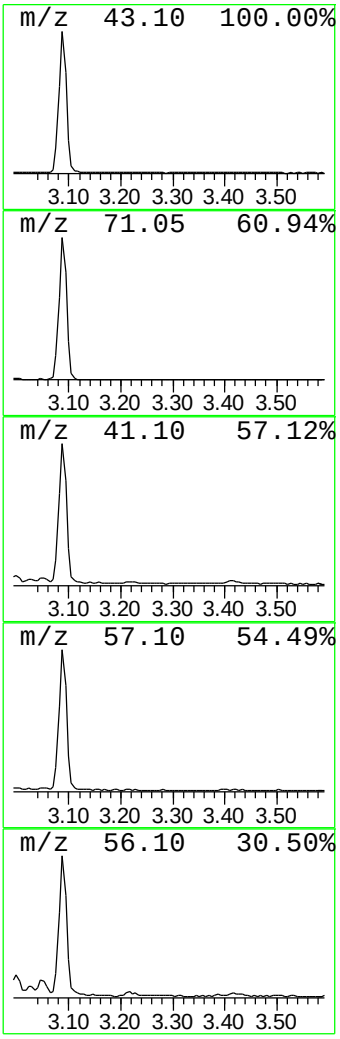
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	4.75 ng/ul	1249180	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	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB 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

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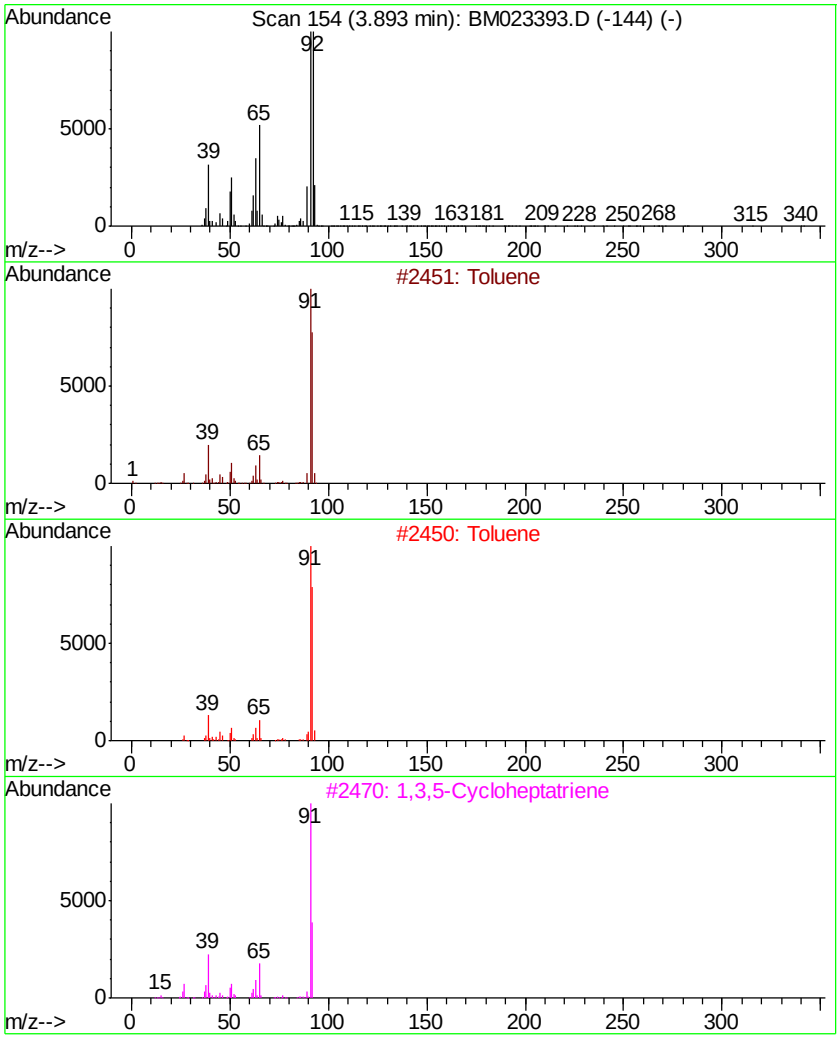
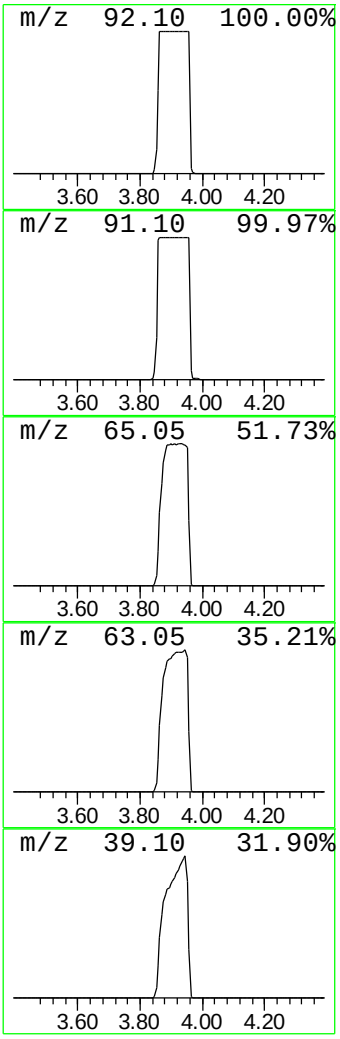
Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	546.69 ng/ul	143892000	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	83
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
4	Toluene	92	C7H8	000108-88-3	72
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	72





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Acq On : 25 Oct 2019 03:38
Operator : JU
Sample : INDB STD 4PPM
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB 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

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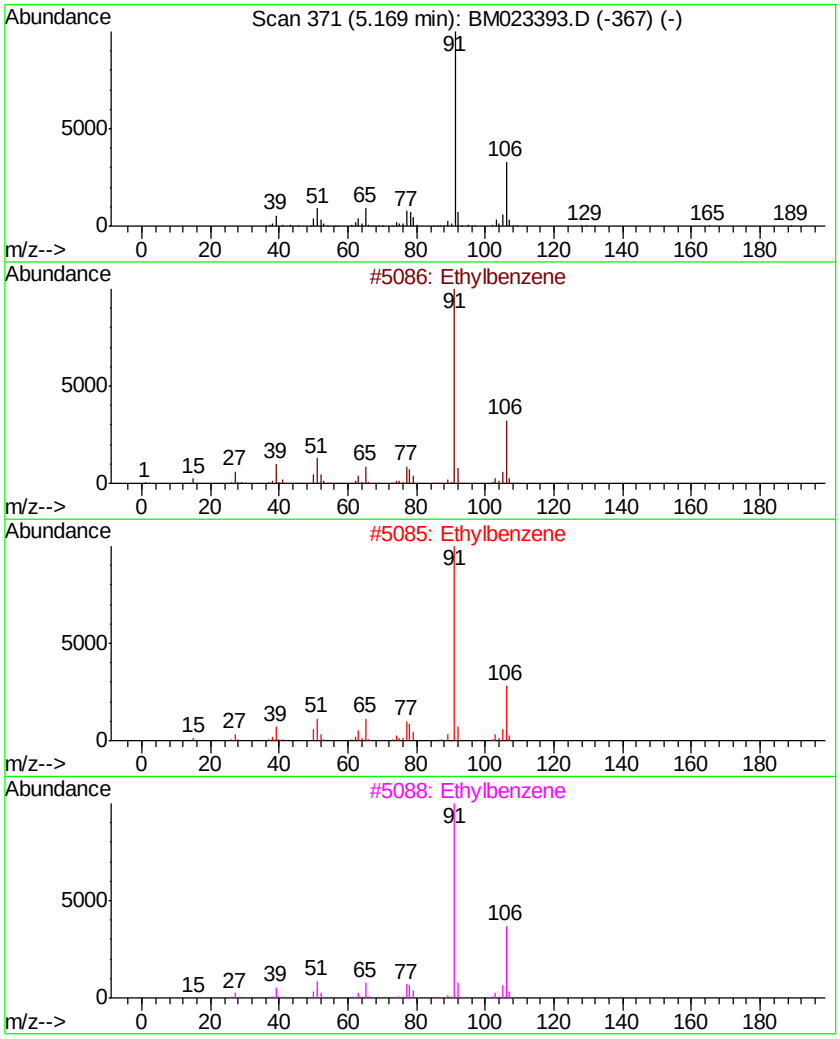
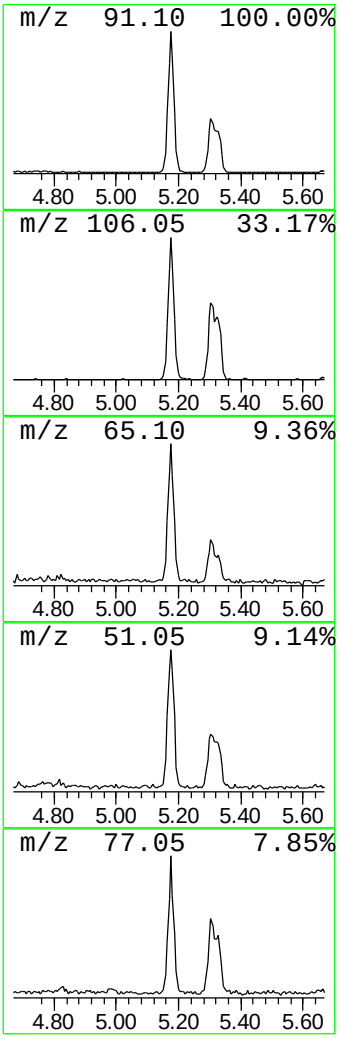
Peak Number 3 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.44 ng/ul	641136	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	o-Xylene	106	C8H10	000095-47-6	90
5	p-Xylene	106	C8H10	000106-42-3	86





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Data File : BM023393.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB 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

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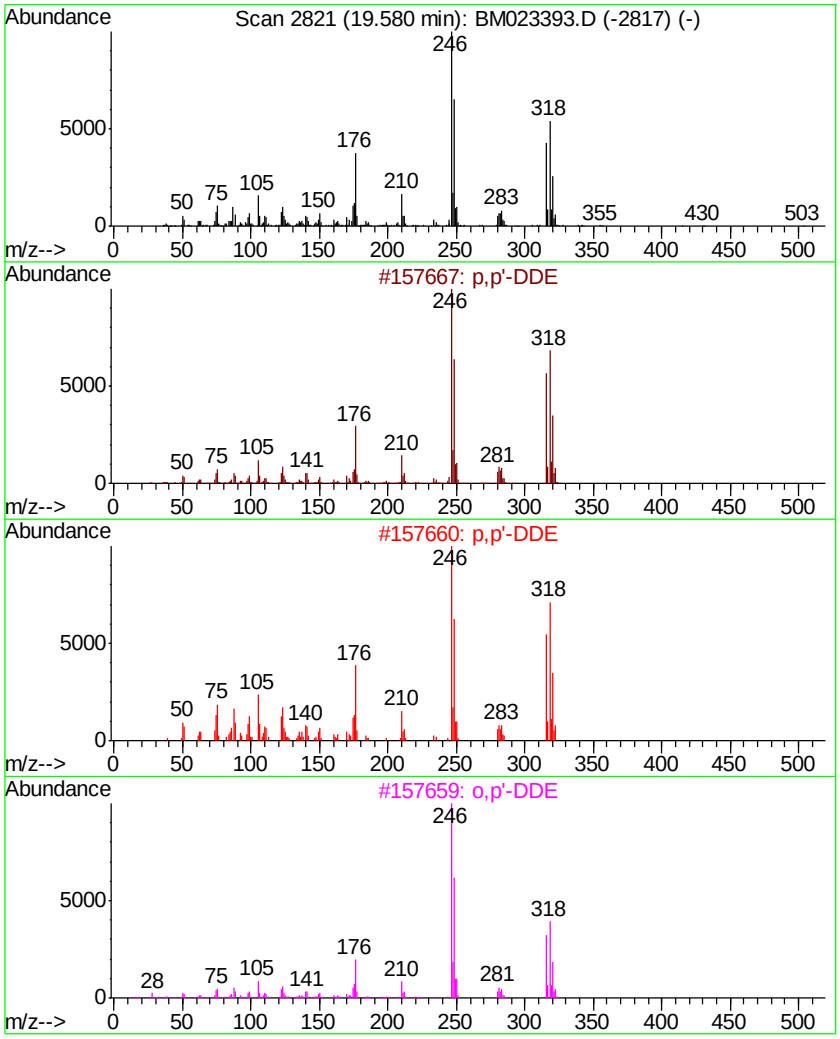
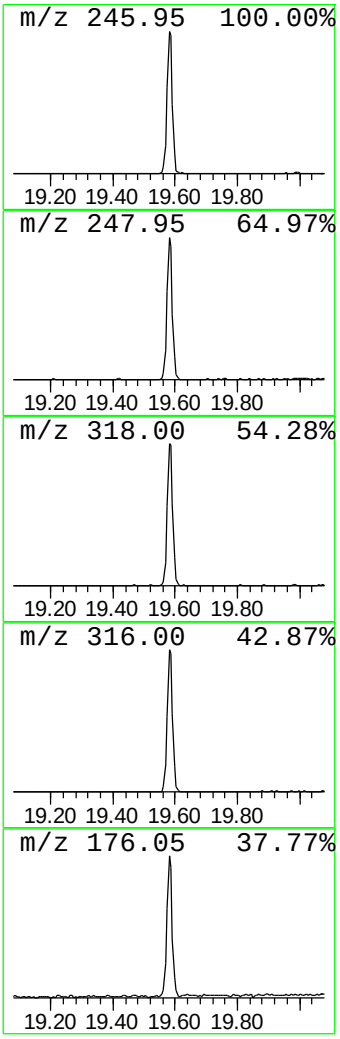
Peak Number 4 p,p'-DDE Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.33 ng/ul	891655	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
4	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
5	p,p'-DDE	316	C14H8Cl4	000072-55-9	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102419\
Data File : BM023393.D
Acq On : 25 Oct 2019 03:38
Operator : JU
Sample : INDB STD 4PPM
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INDB 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	4.8	ng/ul	1249180	1	7.63	5264100	20.0
Toluene	3.89	546.7	ng/ul	143892000	1	7.63	5264100	20.0
Ethylbenzene	5.17	2.4	ng/ul	641136	1	7.63	5264100	20.0
p,p'-DDE	19.58	2.3	ng/ul	891655	5	21.23	7654920	20.0