LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

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\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	8	14	40	rVB	12809170	16758102	100.00%	42.194%
2	3.616	87	90	107	rBV	51897	112408	0.67%	0.283%
3	3.899	134	138	144	rVB	28619	38568	0.23%	0.097%
4	4.399	216	223	236	rVB	719066	1024044	6.11%	2.578%
5	5.169	349	354	362	rVB	58168	83616	0.50%	0.211%
6	5.299	370	376	389	rBV	134085	276016	1.65%	0.695%
7	5.657	432	437	445	rBV	240474	352053	2.10%	0.886%
8	6.610	593	599	606	rBV	118590	190035	1.13%	0.478%
9	6.722	613	618	623	rBV2	16637	26851	0.16%	0.068%
10	6.810	628	633	637	rVV2	61286	109642	0.65%	0.276%
11	6.846	637	639	645	rVB	29404	39890	0.24%	0.100%
12	6.981	656	662	678	rBV2	263336	490863	2.93%	1.236%
13	7.157	686	692	702	rBV	256993	435114	2.60%	1.096%
14	7.263	705	710	716	rVB	49337	77386	0.46%	0.195%
15	7.622	763	771	782	rBV	226935	389732	2.33%	0.981%
16	7.728	782	789	799	rVB	136787	234940	1.40%	0.592%
17	7.969	825	830	838	rVB2	33304	57676	0.34%	0.145%
18	8.251	872	878	883	rBV2	27791	46323	0.28%	0.117%
19	8.334	886	892	901	rVV	191748	331577	1.98%	0.835%
20	8.410	901	905	911	rVB2	15142	24129	0.14%	0.061%
21	8.610	935	939	945	rVB2	11529	17601	0.11%	0.044%
22	8.710	948	956	962	rBV	20589	35581	0.21%	0.090%
23	8.787	962	969	979	rBV	340321	588509	3.51%	1.482%
24	9.040	1007	1012	1018	rVV2	15730	25902	0.15%	0.065%
25	9.145	1025	1030	1035	rBV2	15909	23532	0.14%	0.059%
26	9.498	1083	1090	1102	rBV	269243	463109	2.76%	1.166%
27	10.028	1174	1180	1194	rBV	342300	662044	3.95%	1.667%
28	10.398	1237	1243	1249	rBV	336119	556618	3.32%	1.401%
29	10.451	1249	1252	1260	rVB	26729	39085	0.23%	0.098%
30	10.557	1260	1270	1292	rBV	272169	587198	3.50%	1.478%
31	13.698	1797	1804	1815	rBV	732340	1061868	6.34%	2.674%
32	13.963	1843	1849	1859	rVB	939370	1372189	8.19%	3.455%
33	14.275	1894	1902	1910	rBV	534032	811837	4.84%	2.044%
34	14.539	1943	1947	1954	rBV6	17127	47798	0.29%	0.120%
35	15.274	2065	2072	2082	rBV	1216059	1731239	10.33%	4.359%
36	15.416	2089	2096	2112	rBV	317048	489199	2.92%	1.232%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

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\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

37	17.033	2364	2371	2381	rBV	693338	976879	5.83%	2.460%
38	17.133	2381	2388	2399	rBV	1303948	1975353	11.79%	4.974%
39	17.939	2519	2525	2534	rBV5	16155	30017	0.18%	0.076%
40	18.998	2702	2705	2709	rBV3	14507	18936	0.11%	0.048%
41	19.074	2713	2718	2722	rBV	13122	21076	0.13%	0.053%
42	19.233	2742	2745	2751	rBV6	15637	22509	0.13%	0.057%
43	19.439	2774	2780	2792	rBV	1724759	2335676	13.94%	5.881%
44	21.239	3081	3086	3096	rBV2	769394	1079777	6.44%	2.719%
45	23.315	3432	3439	3446	rBV2	1333104	2460376	14.68%	6.195%
46	23.456	3457	3463	3476	rVB	612024	1184053	7.07%	2.981%

Sum of corrected areas: 39716926

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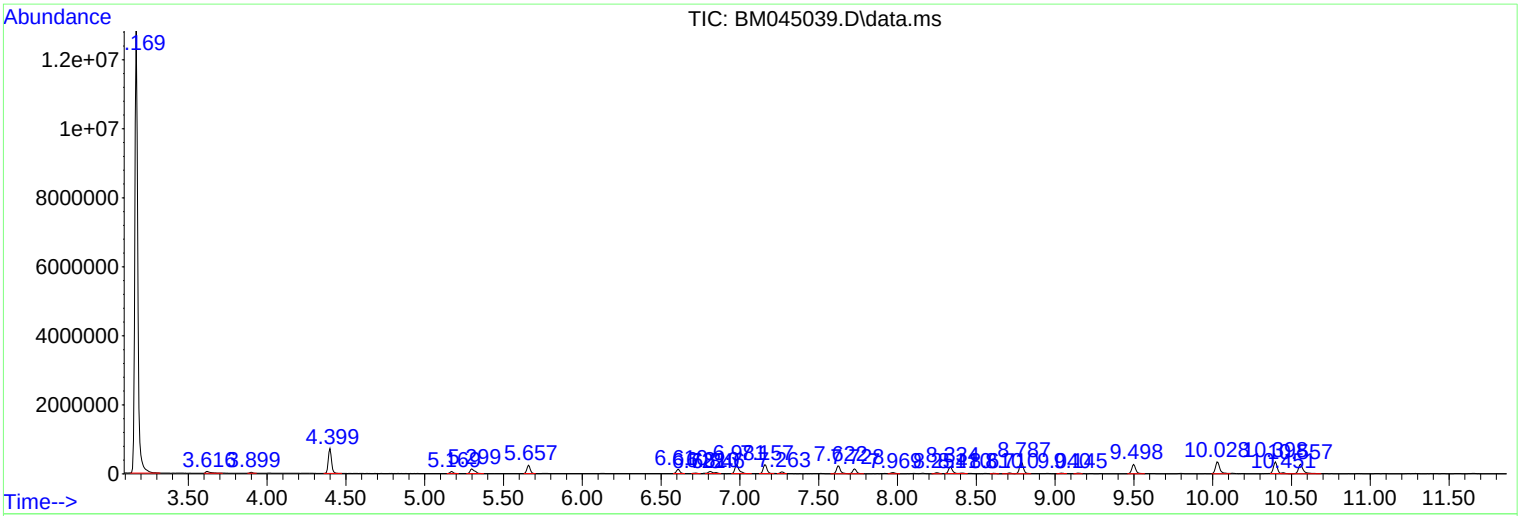
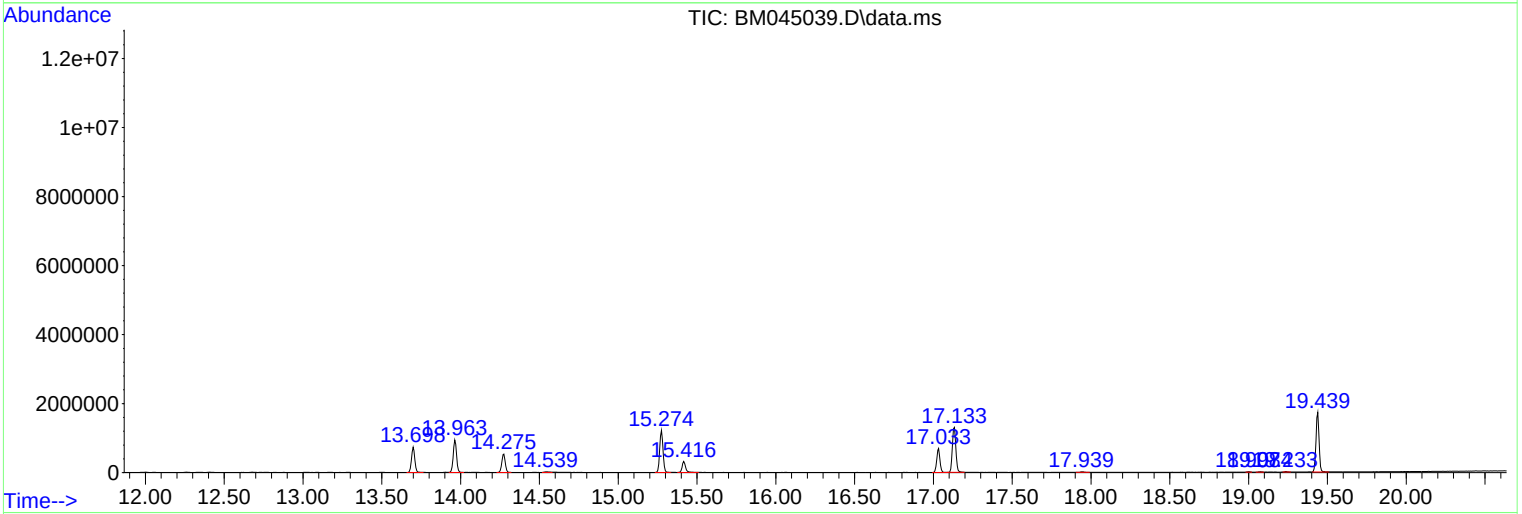
Misc :
ALS Vial : 7 Sample Multiplier: 1

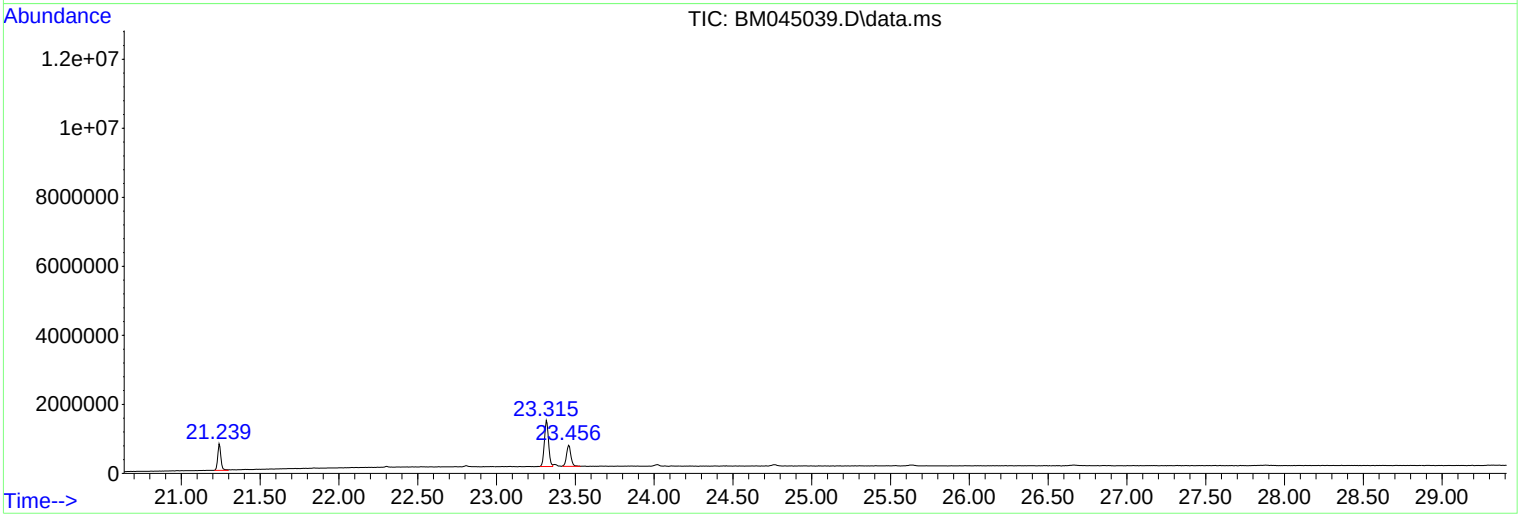
Instrument :
BNA_M
ClientSampleId :
C0AM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

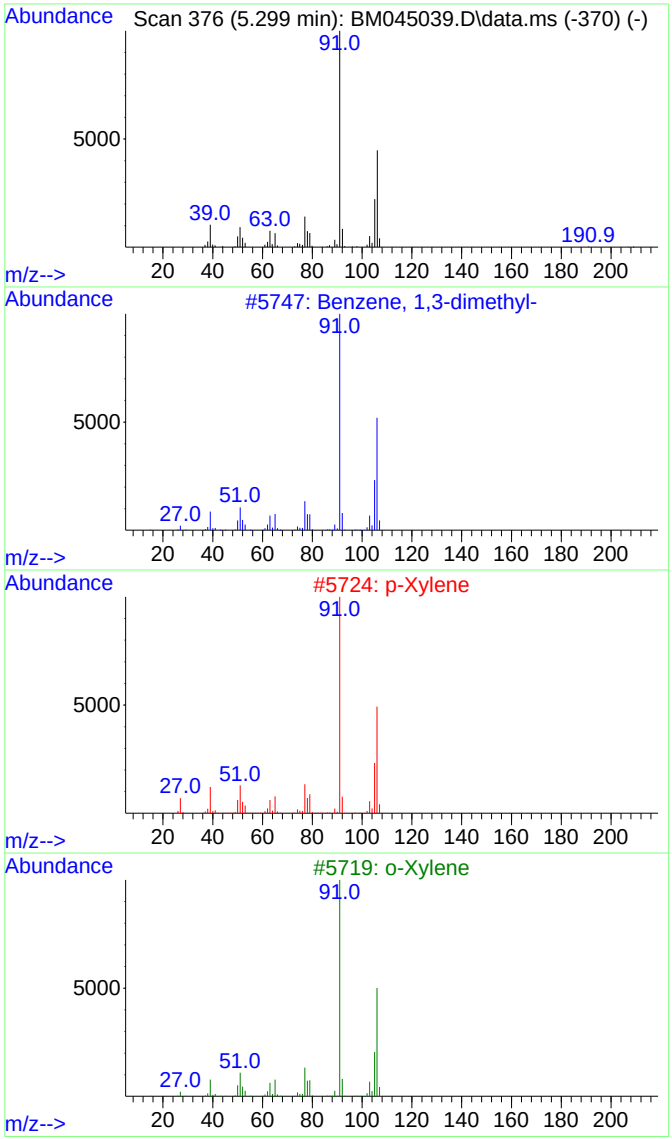
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

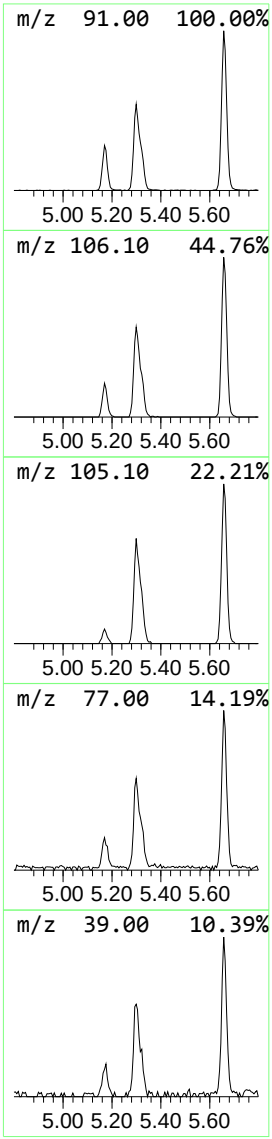
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.299	14.16 ng/ul	276016	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

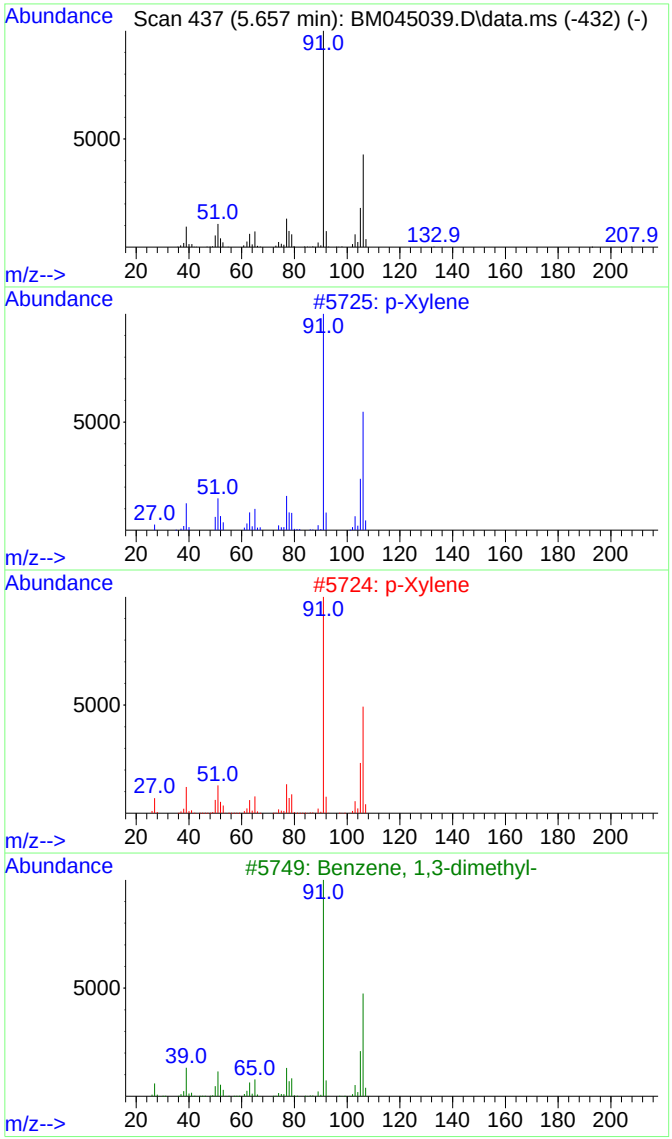
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

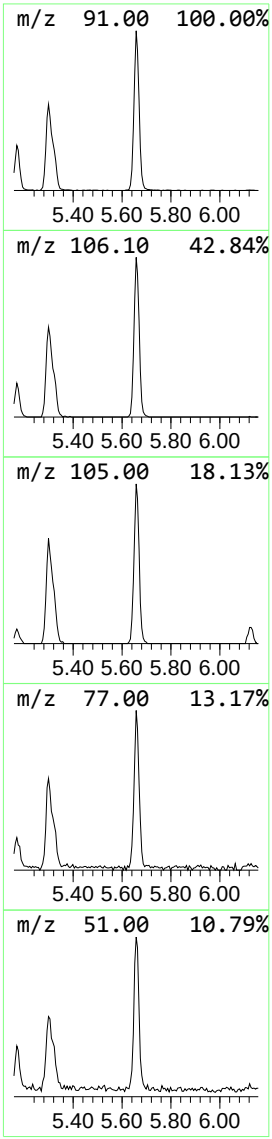
****

Peak Number 4 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.657	18.07 ng/ul	352053	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	o-Xylene	106	C8H10	000095-47-6	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

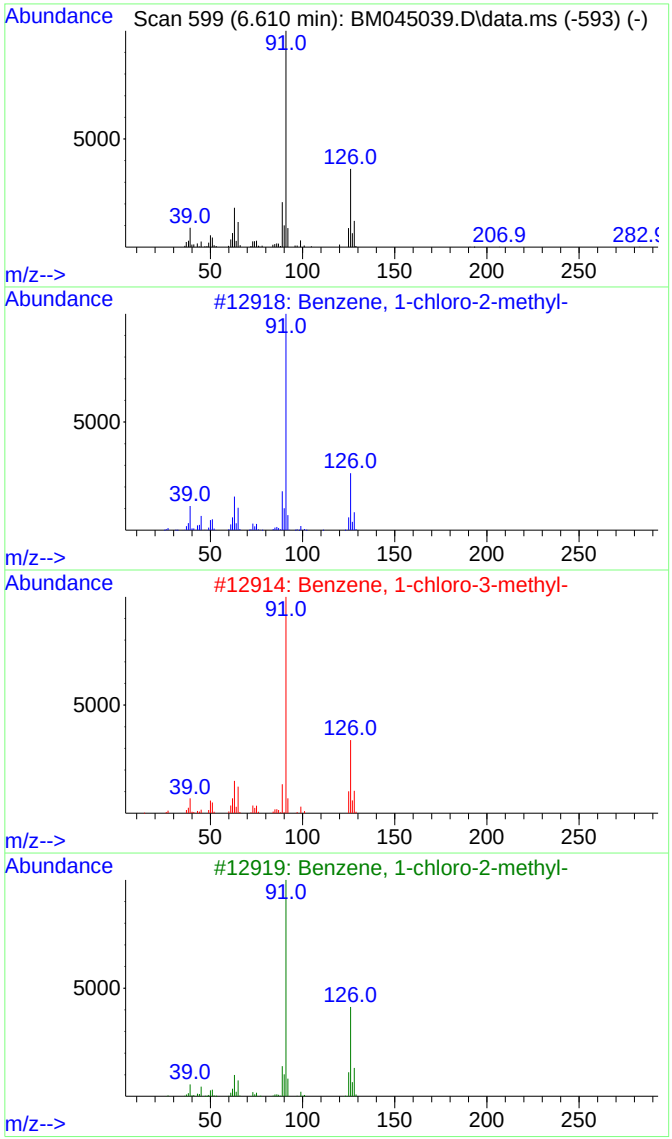
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

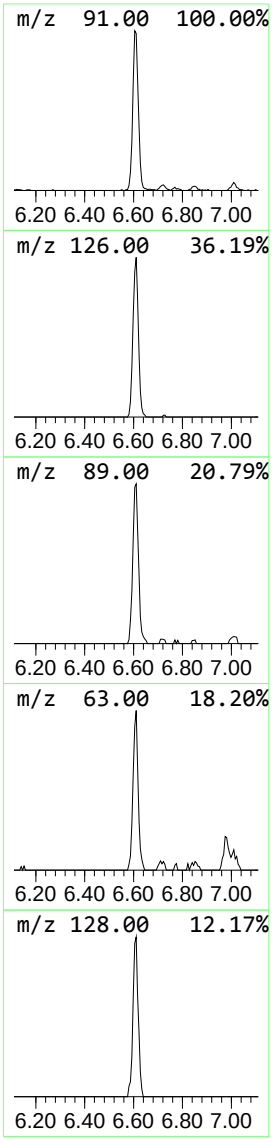
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	9.75 ng/ul	190035	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	93
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

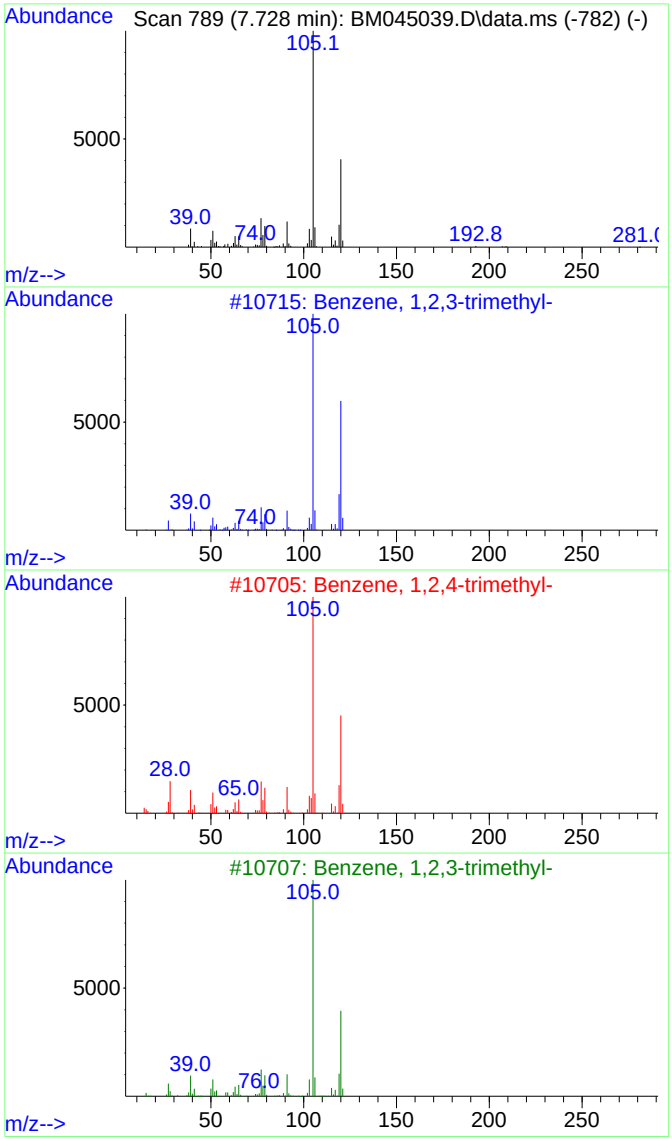
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

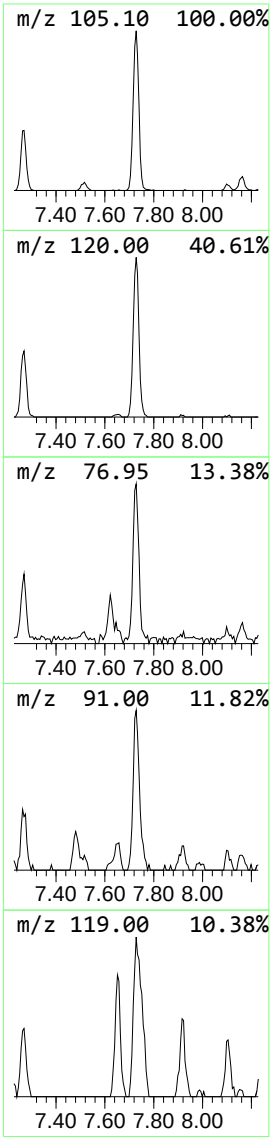
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	12.06 ng/ul	234940	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : BM045039.D
Acq On : 08 Apr 2024 12:59
Operator : MA/JU
Sample : P2012-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

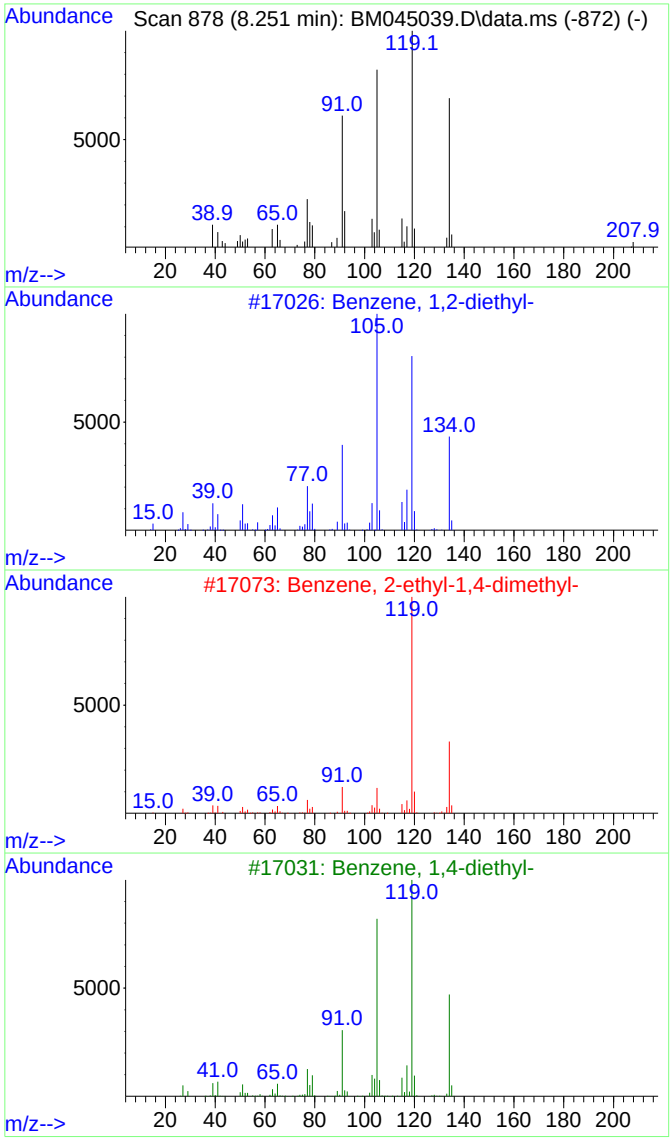
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

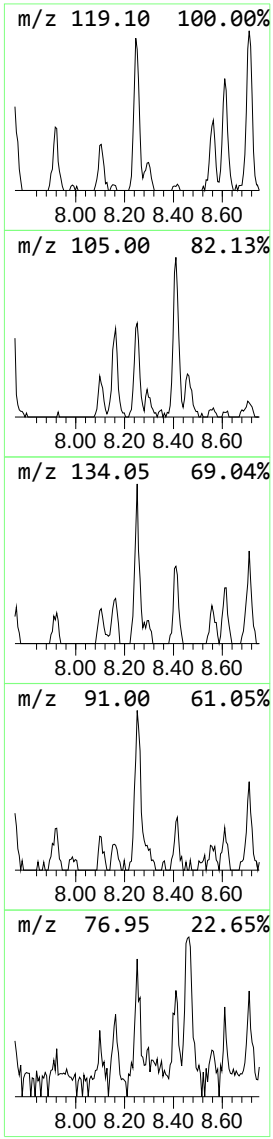
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	2.38 ng/ul	46323	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.299	14.2	ng/ul	276016	1	7.622	389732	20.0
p-Xylene	5.657	18.1	ng/ul	352053	1	7.622	389732	20.0
Benzene, 1-chlo...	6.610	9.8	ng/ul	190035	1	7.622	389732	20.0
Benzene, 1,2,3-...	7.728	12.1	ng/ul	234940	1	7.622	389732	20.0
Benzene, 1,2-di...	8.251	2.4	ng/ul	46323	1	7.622	389732	20.0