LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045037.D
Acq On : 08 Apr 2024 11:47
Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

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: BM045037.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	34	rBV	10012710	12646240	100.00%	36.697%
2	3.622	88	91	103	rBV	34331	78104	0.62%	0.227%
3	3.899	134	138	142	rVB	20864	25651	0.20%	0.074%
4	4.399	217	223	235	rVB	485728	692752	5.48%	2.010%
5	5.169	350	354	359	rVB	42736	57399	0.45%	0.167%
6	5.298	371	376	387	rVB	113454	219833	1.74%	0.638%
7	5.534	408	416	421	rBV	20808	33475	0.26%	0.097%
8	5.657	431	437	443	rBV	181065	264542	2.09%	0.768%
9	6.610	593	599	606	rBV	88486	141735	1.12%	0.411%
10	6.716	610	617	623	rVB2	13004	22843	0.18%	0.066%
11	6.810	629	633	638	rBV2	41036	67334	0.53%	0.195%
12	6.981	655	662	673	rBV	260128	478213	3.78%	1.388%
13	7.157	686	692	701	rBV	251698	423672	3.35%	1.229%
14	7.269	705	711	718	rVB	47022	74925	0.59%	0.217%
15	7.622	765	771	782	rVV	210126	362931	2.87%	1.053%
16	7.728	783	789	797	rVB	112631	183330	1.45%	0.532%
17	7.969	825	830	839	rVB3	25125	43237	0.34%	0.125%
18	8.163	857	863	870	rVB3	8750	14215	0.11%	0.041%
19	8.251	872	878	883	rBV2	19890	30981	0.24%	0.090%
20	8.334	887	892	901	rVV	164062	286867	2.27%	0.832%
21	8.410	901	905	910	rVB	13835	23037	0.18%	0.067%
22	8.610	934	939	945	rVB3	7745	12676	0.10%	0.037%
23	8.710	951	956	963	rVB2	14629	25751	0.20%	0.075%
24	8.786	963	969	982	rBV	331737	578804	4.58%	1.680%
25	9.039	1008	1012	1020	rVB5	11126	18564	0.15%	0.054%
26	9.498	1083	1090	1102	rBV	273075	463268	3.66%	1.344%
27	10.028	1174	1180	1193	rBV	342462	668228	5.28%	1.939%
28	10.398	1236	1243	1248	rBV	319458	526296	4.16%	1.527%
29	10.445	1248	1251	1258	rVB2	28465	46440	0.37%	0.135%
30	10.557	1263	1270	1291	rBV	234872	519623	4.11%	1.508%
31	11.992	1505	1514	1520	rBV	5926	17397	0.14%	0.050%
32	12.269	1554	1561	1565	rBV4	6455	12776	0.10%	0.037%
33	12.327	1565	1571	1580	rVB6	14445	27650	0.22%	0.080%
34	13.698	1797	1804	1811	rBV	774655	1083070	8.56%	3.143%
35	13.963	1843	1849	1860	rVB	889815	1324328	10.47%	3.843%
36	14.274	1895	1902	1914	rBV	483636	747719	5.91%	2.170%

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Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

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	14.545	1942	1948	1963	rBV8	14223	52219	0.41%	0.152%
38	15.274	2062	2072	2081	rBV	1234099	1769204	13.99%	5.134%
39	15.415	2090	2096	2109	rBV	308621	472564	3.74%	1.371%
40	15.974	2186	2191	2198	rVB4	12685	21576	0.17%	0.063%
41	17.033	2365	2371	2380	rBV	595336	886152	7.01%	2.571%
42	17.133	2380	2388	2401	rBV	1339769	1952140	15.44%	5.665%
43	17.939	2521	2525	2531	rBV2	30214	44438	0.35%	0.129%
44	18.004	2531	2536	2541	rVB6	9394	16397	0.13%	0.048%
45	18.998	2701	2705	2711	rBV2	18648	26178	0.21%	0.076%
46	19.074	2715	2718	2722	rVB2	9920	16102	0.13%	0.047%
47	19.233	2742	2745	2752	rBV6	23104	38895	0.31%	0.113%
48	19.392	2768	2772	2774	rBV5	16602	21679	0.17%	0.063%
49	19.439	2774	2780	2788	rVV	1716842	2355481	18.63%	6.835%
50	21.239	3081	3086	3096	rBV	722667	1010015	7.99%	2.931%
51	23.321	3433	3440	3446	rBV2	1347006	2445762	19.34%	7.097%
52	23.456	3457	3463	3476	rVB	566990	1088131	8.60%	3.158%

Sum of corrected areas: 34460839

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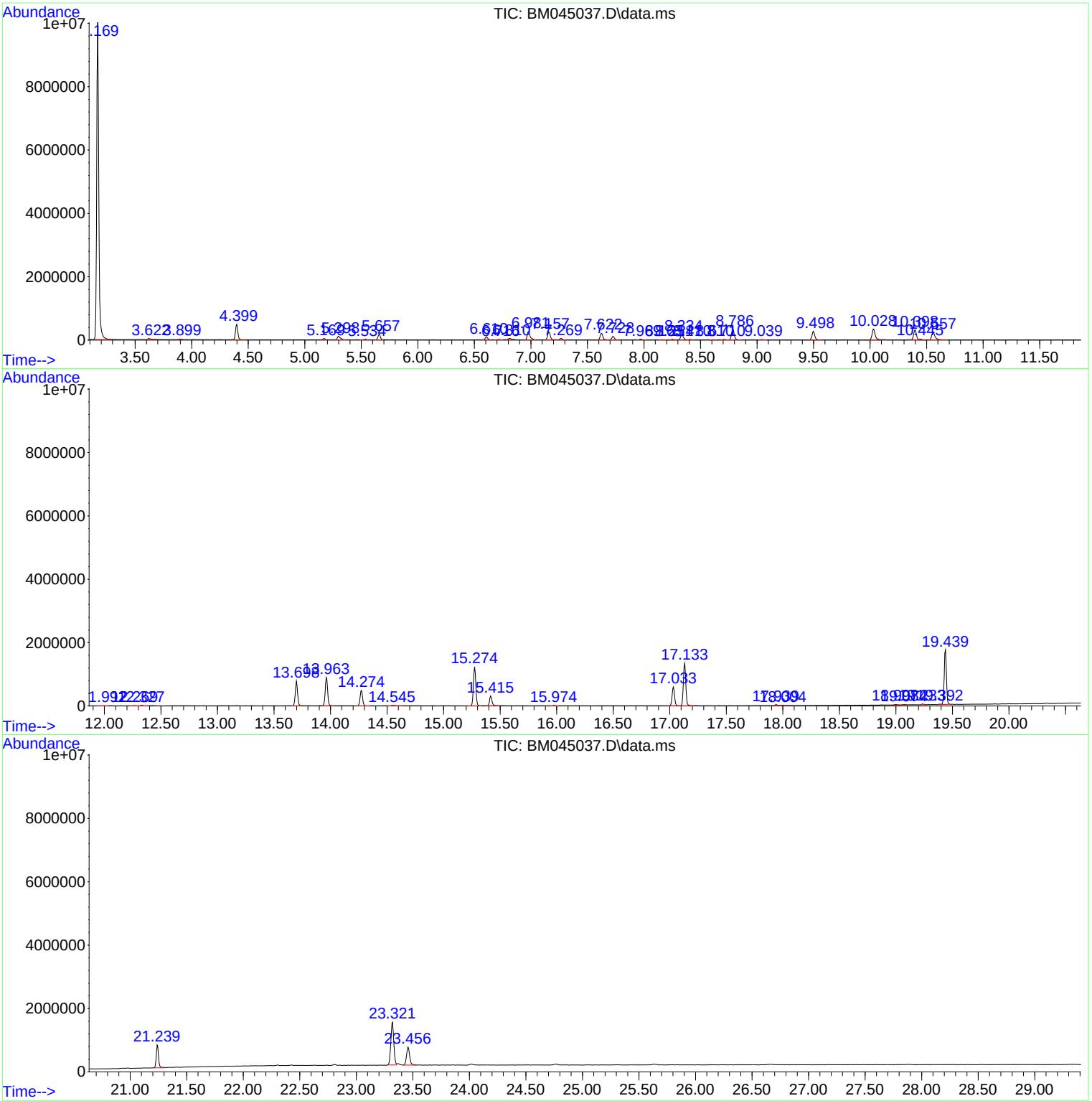
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

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 : BM045037.D
Acq On : 08 Apr 2024 11:47
Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

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

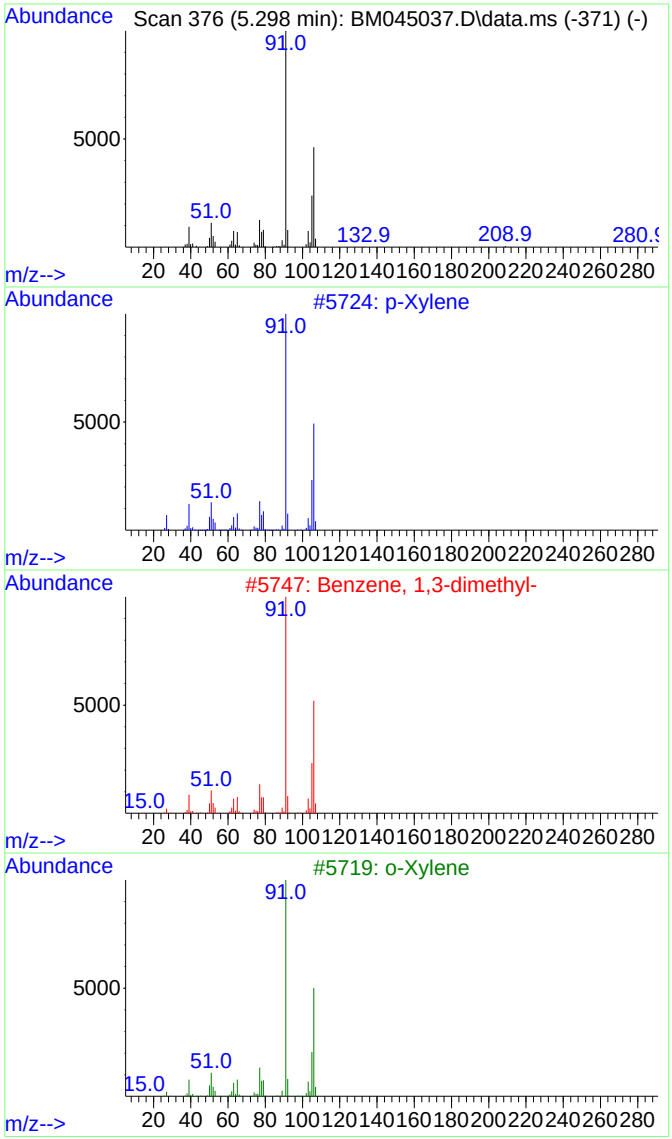
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

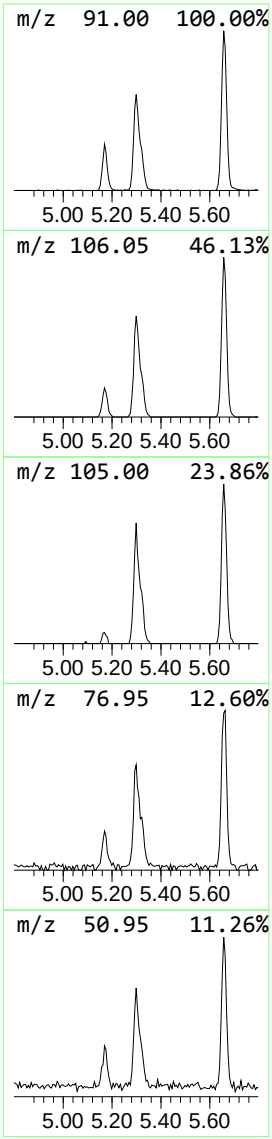
****

Peak Number 3 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.298	12.11 ng/ul	219833	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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	97





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Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

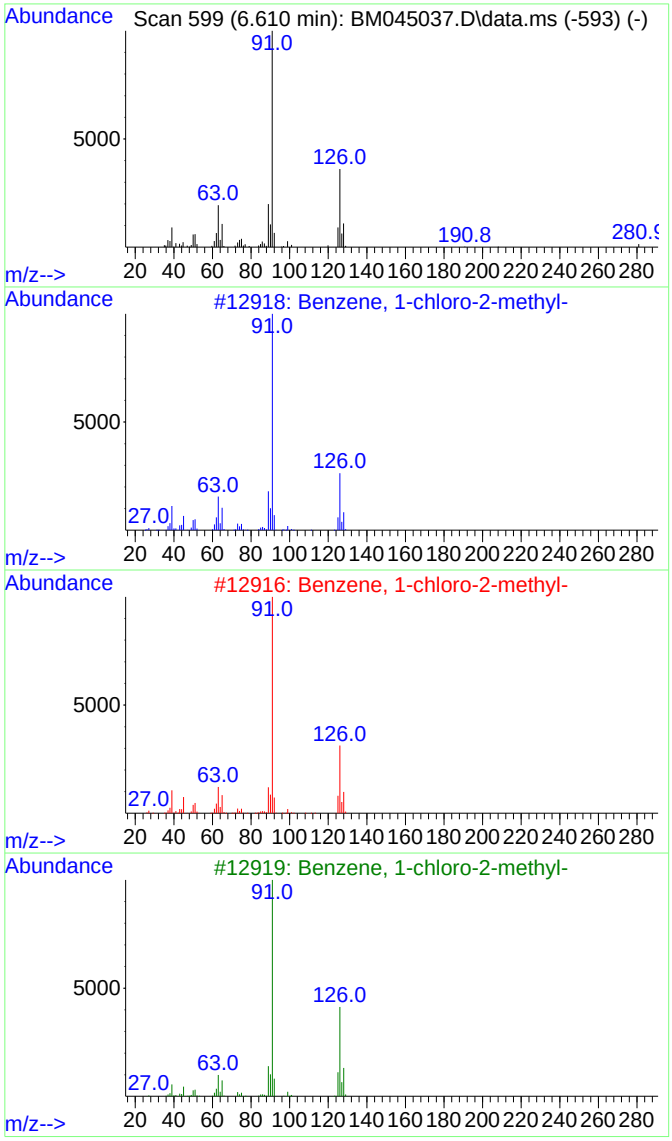
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

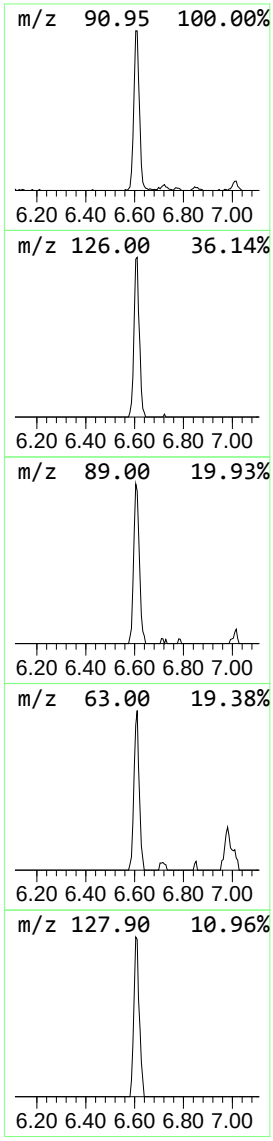
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	7.81 ng/ul	141735	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	93
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	93
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	83
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	81





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Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AM3

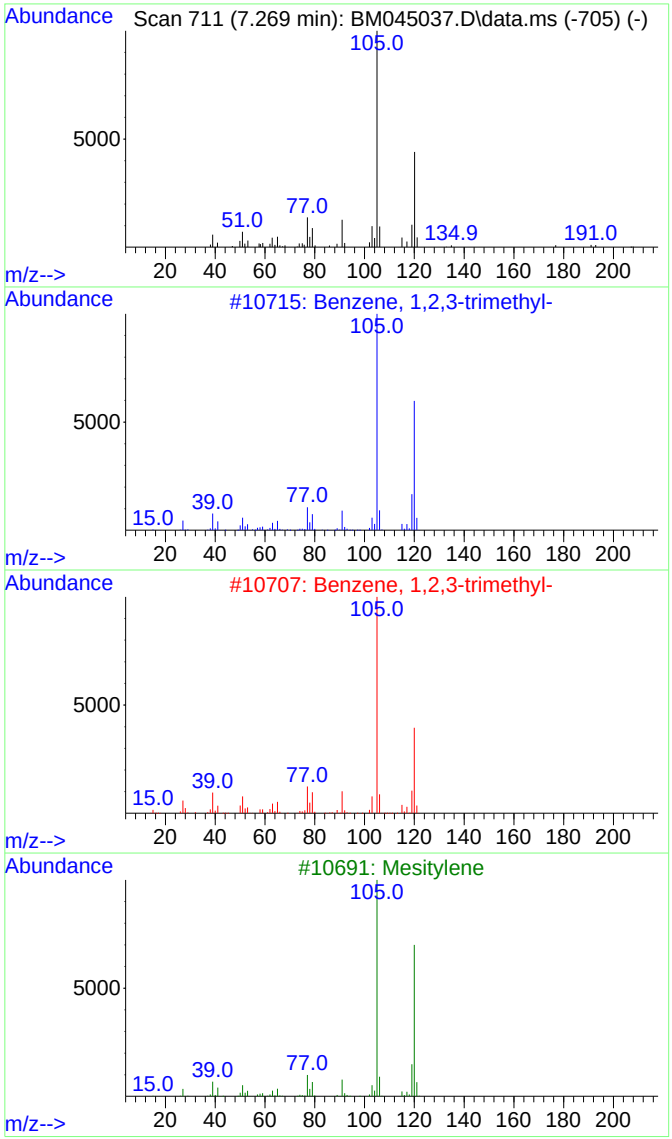
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

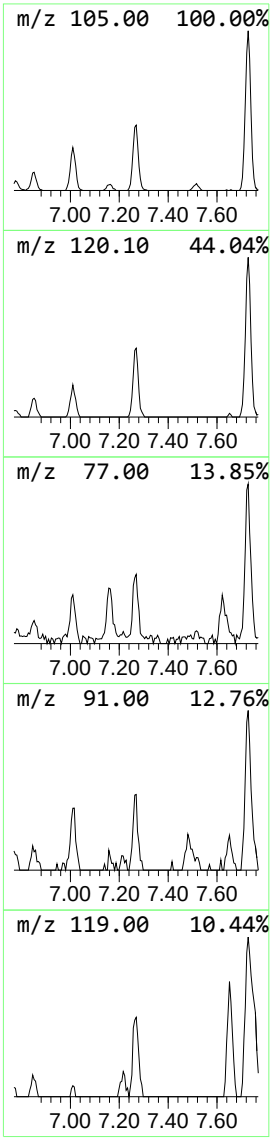
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	4.13 ng/ul	74925	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
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Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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
p-Xylene	5.298	12.1	ng/ul	219833	1	7.622	362931	20.0
Benzene, 1-chlo...	6.610	7.8	ng/ul	141735	1	7.622	362931	20.0
Benzene, 1,2,3-...	7.269	4.1	ng/ul	74925	1	7.622	362931	20.0