LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

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-BM100418MA.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	6.863	653	659	669	rVB	226160	428592	7.93%	0.912%
2	7.034	683	688	699	rVB	657731	994962	18.41%	2.118%
3	7.228	715	721	729	rVB	724074	1105528	20.45%	2.353%
4	7.692	794	800	806	rVV	628075	978772	18.11%	2.083%
5	7.757	806	811	817	rVB3	37932	72133	1.33%	0.154%
6	8.298	899	903	910	rVB4	7531	17914	0.33%	0.038%
7	8.392	913	919	930	rBV	582031	937762	17.35%	1.996%
8	8.510	935	939	947	rVB	24583	43052	0.80%	0.092%
9	8.781	980	985	990	rBV	104671	163188	3.02%	0.347%
10	8.845	990	996	1001	rVV	859600	1349646	24.97%	2.873%
11	8.892	1001	1004	1009	rVB	31217	47363	0.88%	0.101%
12	9.010	1019	1024	1031	rVB7	24401	37841	0.70%	0.081%
13	9.563	1111	1118	1129	rBV	572802	907876	16.79%	1.932%
14	9.704	1138	1142	1149	rVB5	3280	6155	0.11%	0.013%
15	9.786	1152	1156	1160	rBV4	6982	10914	0.20%	0.023%
16	10.010	1189	1194	1199	rVB4	7068	11247	0.21%	0.024%
17	10.092	1201	1208	1221	rBV	1017487	1616188	29.90%	3.440%
18	10.380	1246	1257	1265	rBV2	100956	176471	3.26%	0.376%
19	10.469	1265	1272	1279	rVV	918355	1511732	27.96%	3.218%
20	10.528	1279	1282	1287	rVV4	10862	17201	0.32%	0.037%
21	10.610	1291	1296	1305	rVB	35943	61130	1.13%	0.130%
22	11.122	1378	1383	1388	rBV3	5064	8541	0.16%	0.018%
23	11.269	1401	1408	1416	rBV	34079	61330	1.13%	0.131%
24	11.645	1468	1472	1477	rVB3	4182	7744	0.14%	0.016%
25	11.757	1486	1491	1499	rBV	36301	58634	1.08%	0.125%
26	12.063	1536	1543	1550	rBV4	17690	29088	0.54%	0.062%
27	12.680	1641	1648	1661	rBV	77550	133753	2.47%	0.285%
28	12.786	1661	1666	1670	rVB4	3675	6069	0.11%	0.013%
29	12.933	1684	1691	1700	rBV	194395	296871	5.49%	0.632%
30	13.251	1738	1745	1758	rBV	276398	415690	7.69%	0.885%
31	13.563	1791	1798	1802	rBV3	5507	8781	0.16%	0.019%
32	13.745	1822	1829	1840	rBV	1862542	2530454	46.81%	5.386%
33	14.021	1868	1876	1886	rBV	2324525	3196050	59.12%	6.803%
34	14.198	1902	1906	1910	rVB3	4439	6274	0.12%	0.013%

LSC Area Percent Report

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Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

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-BM100418MA.M
Title : SVOA CALIBRATION

35	14.333	1922	1929	1937	rVB2	1374514	1992207	36.85%	4.240%
36	14.415	1937	1943	1950	rVB5	13848	20282	0.38%	0.043%
37	14.533	1957	1963	1973	rBV	107201	170577	3.16%	0.363%
38	15.015	2039	2045	2052	rBV	23742	34661	0.64%	0.074%
39	15.145	2062	2067	2074	rBV4	6246	12037	0.22%	0.026%
40	15.327	2092	2098	2107	rBV	2877087	3996399	73.93%	8.506%
41	15.451	2113	2119	2127	rBV	568673	716645	13.26%	1.525%
42	15.568	2135	2139	2145	rBV2	23298	32679	0.60%	0.070%
43	15.698	2156	2161	2166	rVB	17427	21644	0.40%	0.046%
44	16.868	2355	2360	2363	rBV	5468	7399	0.14%	0.016%
45	17.080	2390	2396	2404	rVB	1615899	2223849	41.14%	4.733%
46	17.180	2407	2413	2423	rVV	3107778	4216315	78.00%	8.974%
47	17.374	2442	2446	2450	rVB3	4576	5690	0.11%	0.012%
48	17.756	2506	2511	2516	rBV2	190869	227418	4.21%	0.484%
49	17.980	2543	2549	2552	rBV6	9828	14854	0.27%	0.032%
50	18.068	2558	2564	2569	rBV3	6933	17047	0.32%	0.036%
51	19.109	2737	2741	2747	rBV	26668	33200	0.61%	0.071%
52	19.268	2765	2768	2771	rBV5	8781	11138	0.21%	0.024%
53	19.362	2780	2784	2788	rBV2	16078	25899	0.48%	0.055%
54	19.403	2789	2791	2796	rVB3	8007	9092	0.17%	0.019%
55	19.474	2797	2803	2810	rBV	3608406	4826394	89.28%	10.273%
56	19.727	2843	2846	2850	rBV4	11944	16619	0.31%	0.035%
57	20.156	2917	2919	2921	rBV3	7797	7526	0.14%	0.016%
58	21.268	3103	3108	3116	rBV	2256163	2683190	49.63%	5.711%
59	22.827	3370	3373	3380	rVB2	95006	128179	2.37%	0.273%
60	23.350	3455	3462	3475	rBV	2817448	5405850	100.00%	11.506%
61	23.485	3479	3485	3498	rVB	1540473	2869580	53.08%	6.108%

Sum of corrected areas: 46981316

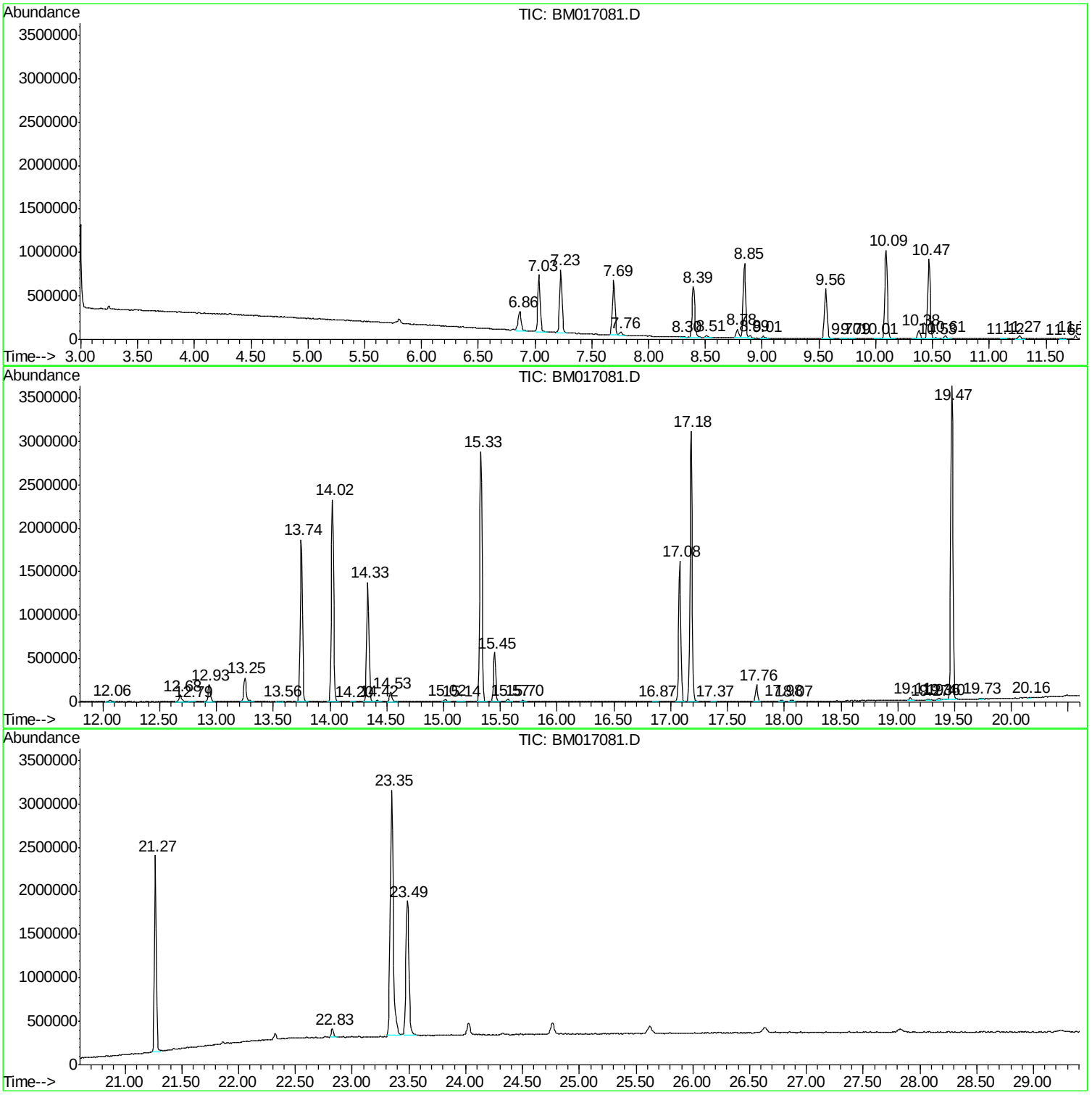
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

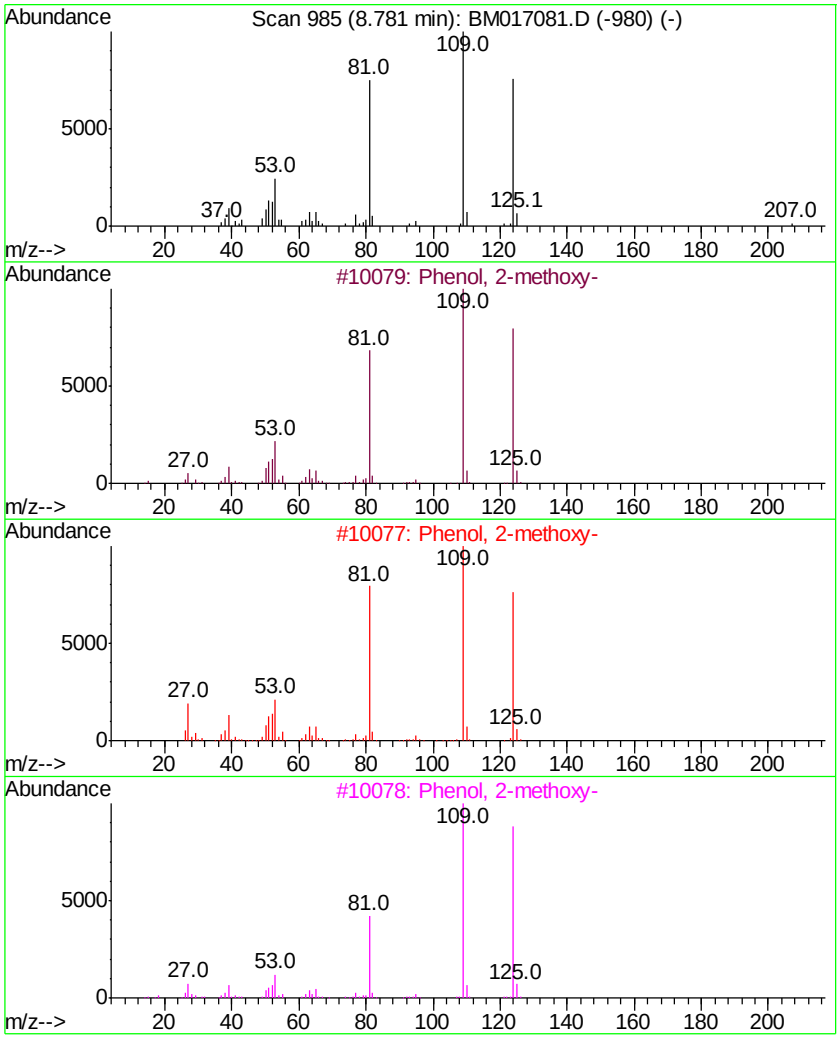
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

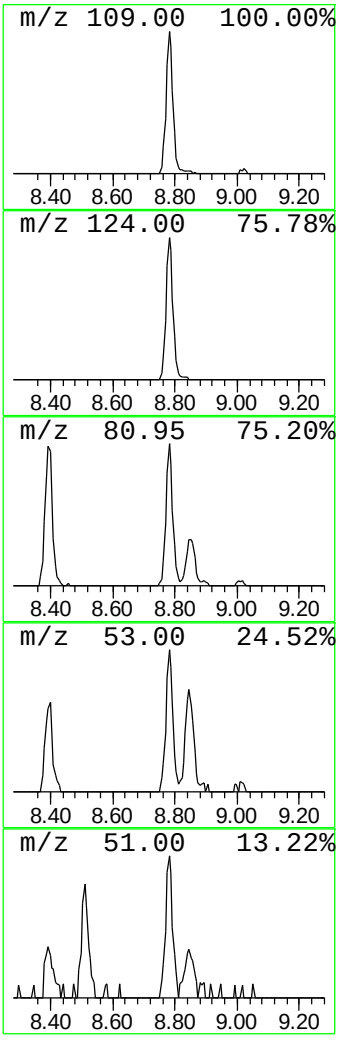
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.33 ng/ul	163188	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
5	Mequinol	124	C7H8O2	000150-76-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

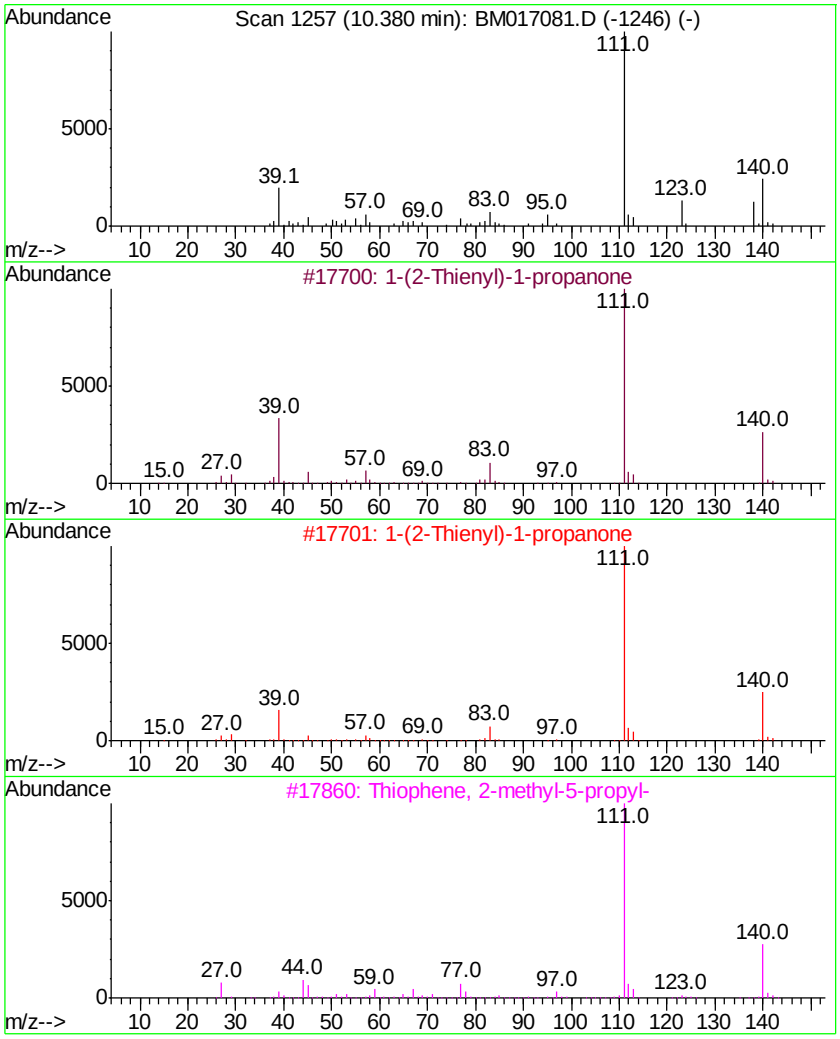
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

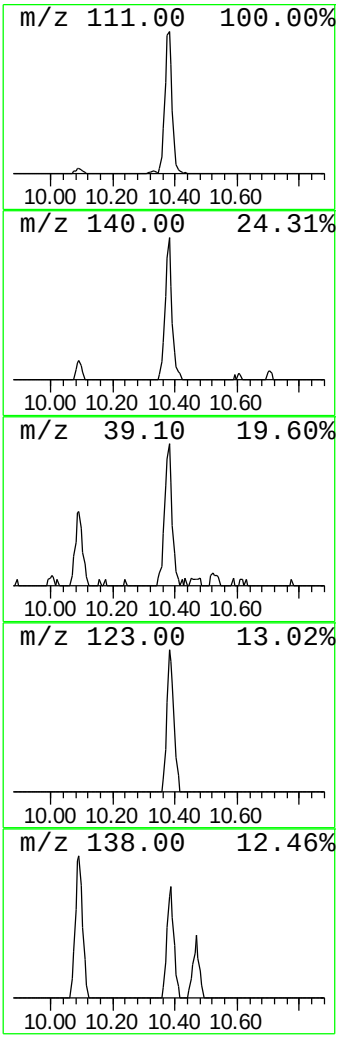
****

Peak Number 2 1-(2-Thienyl)-1-propanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.33 ng/ul	176471	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	81
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	72
3	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	64
4	3-Thiophenecarboxylic acid, meth...	142	C6H6O2S	022913-26-4	47
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

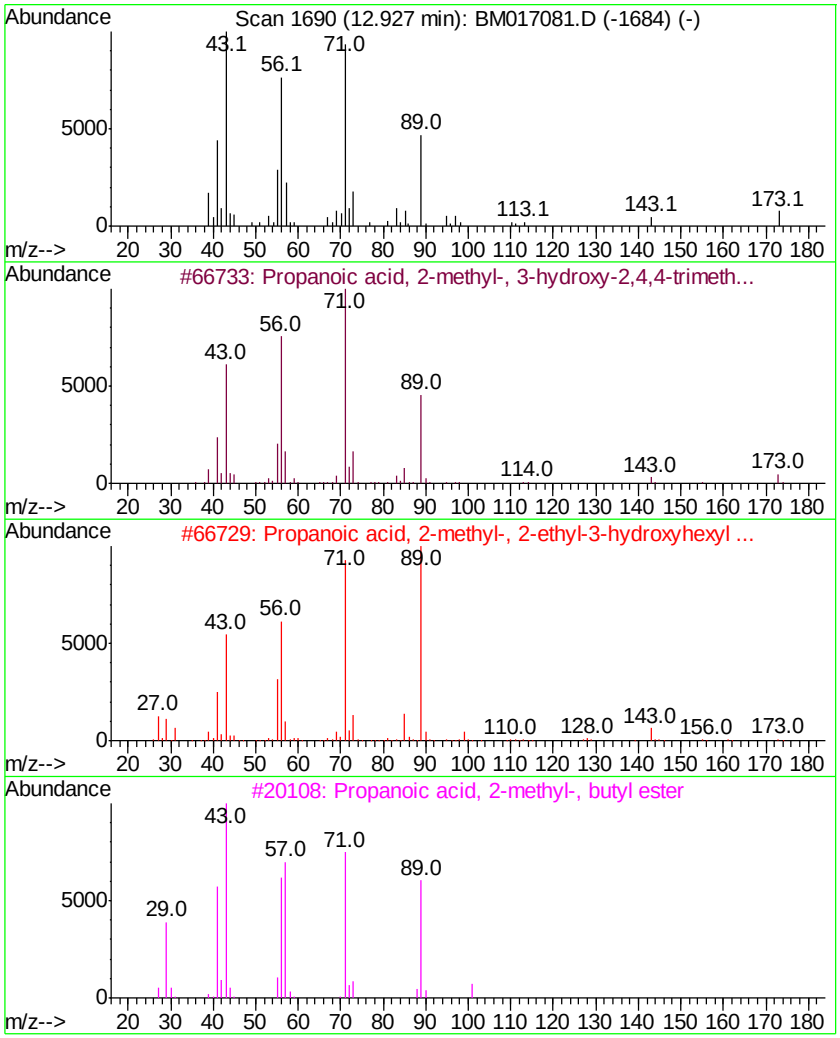
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

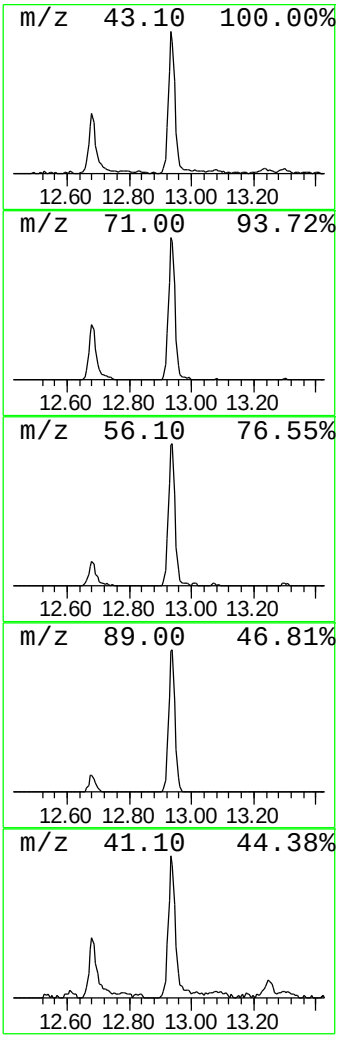
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.98 ng/ul	296871	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	72
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

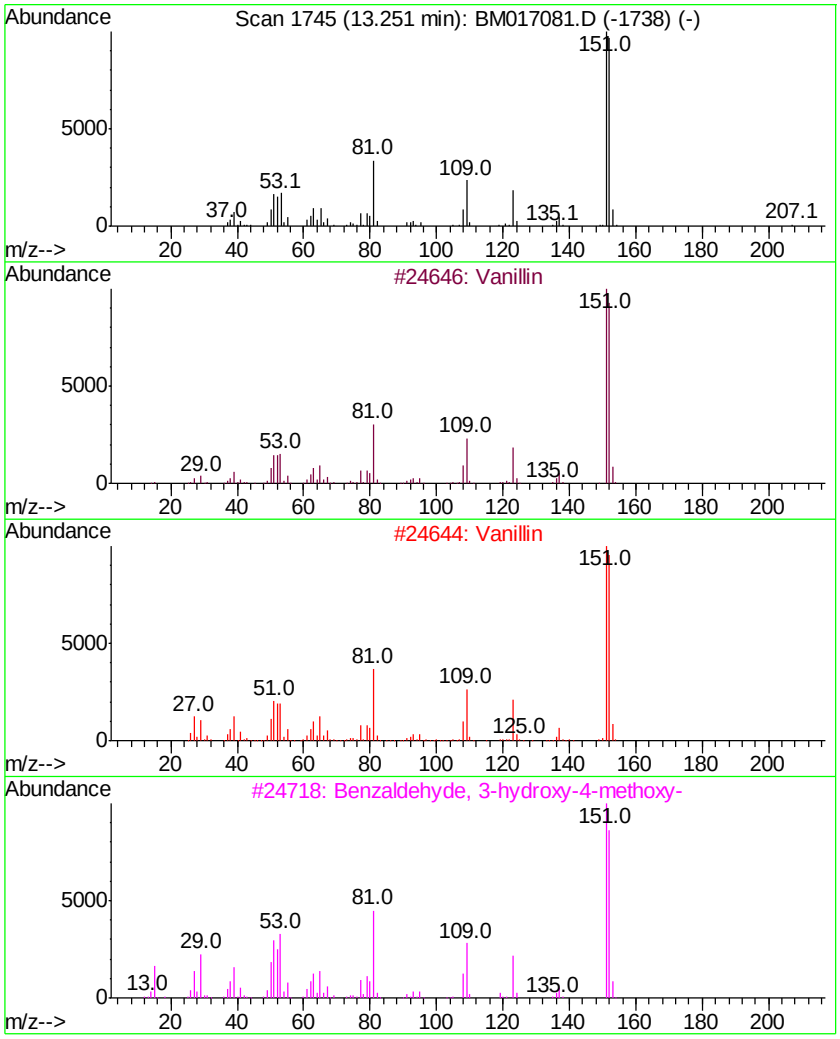
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

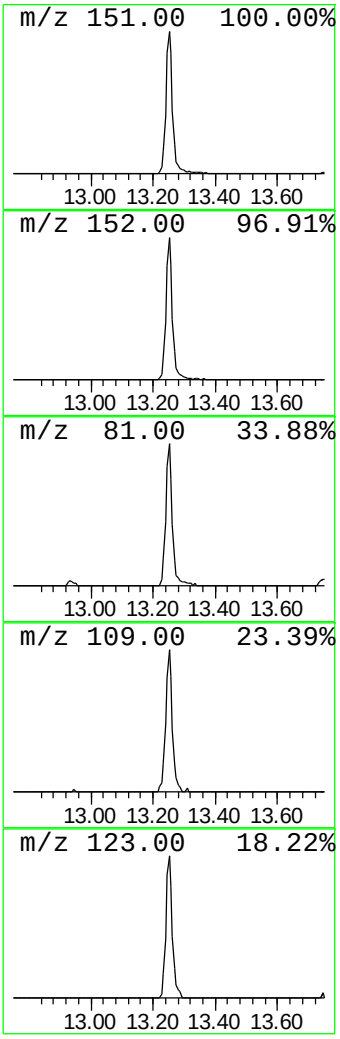
****

Peak Number 4 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.17 ng/ul	415690	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5295-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

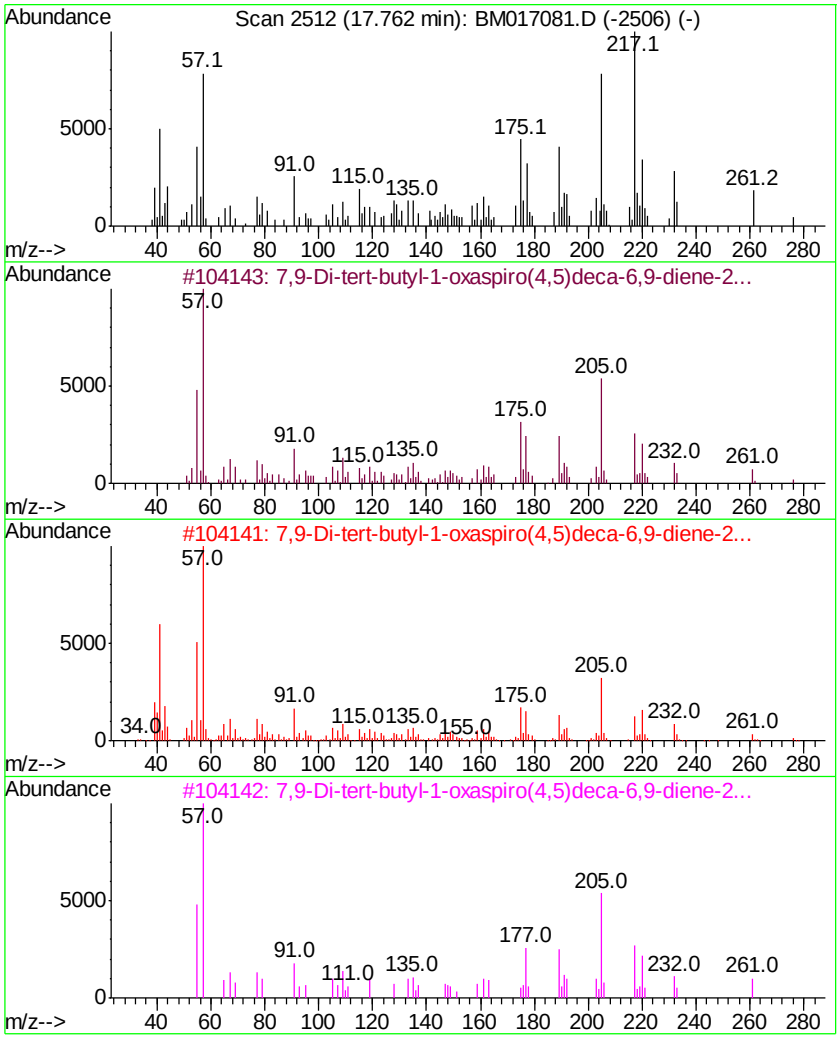
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

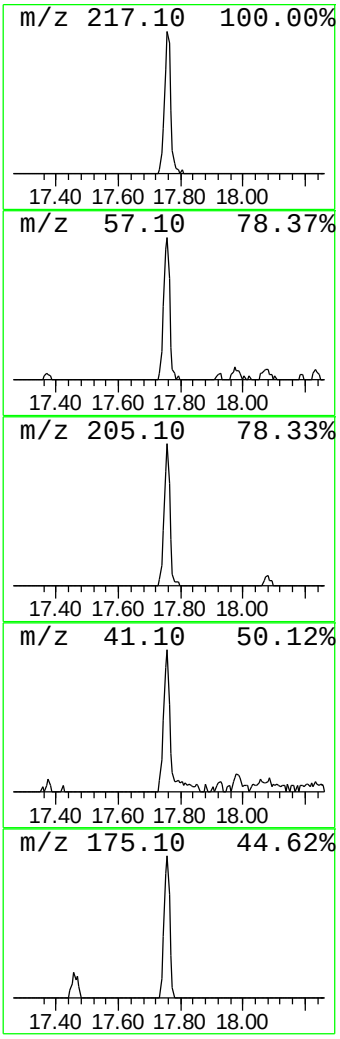
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.05 ng/ul	227418	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	52
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100818\
Data File : BM017081.D
Acq On : 09 Oct 2018 00:16
Operator : MJ/SJ
Sample : J5295-01
Misc :
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Instrument : BNA_M
ClientSampleId : A3Z49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.78	3.3	ng/ul	163188	1	7.69	978772	20.0
1-(2-Thienyl)-1-p...	10.38	2.3	ng/ul	176471	2	10.47	1511730	20.0
Propanoic acid, 2...	12.93	3.0	ng/ul	296871	3	14.33	1992210	20.0
Vanillin	13.25	4.2	ng/ul	415690	3	14.33	1992210	20.0
7,9-Di-tert-butyl...	17.76	2.0	ng/ul	227418	4	17.08	2223850	20.0