LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016007.D
Acq On : 20 Jul 2018 01:31
Operator : SJ/JU
Sample : J4039-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB1Q0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM071318MA.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	7.416	696	702	720	rBB2	81210	189052	2.95%	0.580%
2	7.575	723	729	742	rBV	270475	436975	6.82%	1.341%
3	7.781	758	764	777	rBV	324599	562598	8.78%	1.726%
4	8.251	838	844	859	rVB	241061	404046	6.31%	1.240%
5	8.969	961	966	984	rBV	257919	444863	6.95%	1.365%
6	9.439	1039	1046	1058	rBV	438728	740381	11.56%	2.271%
7	10.163	1163	1169	1186	rBB	408558	701717	10.96%	2.153%
8	10.698	1254	1260	1274	rBV	521400	943501	14.73%	2.895%
9	11.075	1317	1324	1337	rBB	378428	646156	10.09%	1.982%
10	13.716	1767	1773	1783	rVB	227096	327267	5.11%	1.004%
11	13.933	1803	1810	1819	rBB	4776994	6405024	100.00%	19.650%
12	14.280	1863	1869	1881	rBV	1231539	1663291	25.97%	5.103%
13	14.574	1913	1919	1932	rBV	1166209	1693936	26.45%	5.197%
14	14.880	1964	1971	1976	rBV2	621413	934823	14.60%	2.868%
15	15.098	2004	2008	2019	rBV	82794	181391	2.83%	0.557%
16	15.421	2059	2063	2069	rBV	57853	74813	1.17%	0.230%
17	15.862	2132	2138	2146	rBV	1653719	2327187	36.33%	7.140%
18	15.998	2155	2161	2170	rBV	658515	895907	13.99%	2.749%
19	16.957	2317	2324	2334	rVB	243343	371080	5.79%	1.138%
20	17.604	2428	2434	2443	rBV	804628	1152133	17.99%	3.535%
21	17.704	2445	2451	2463	rVB	1916234	2679083	41.83%	8.219%
22	19.962	2829	2835	2843	rBV	2327689	3140063	49.02%	9.634%
23	21.721	3129	3134	3142	rBV2	1117900	1447256	22.60%	4.440%
24	23.956	3507	3514	3525	rVB	1579684	2961823	46.24%	9.087%
25	24.103	3533	3539	3549	rVB	630711	1270375	19.83%	3.897%

Sum of corrected areas: 32594741

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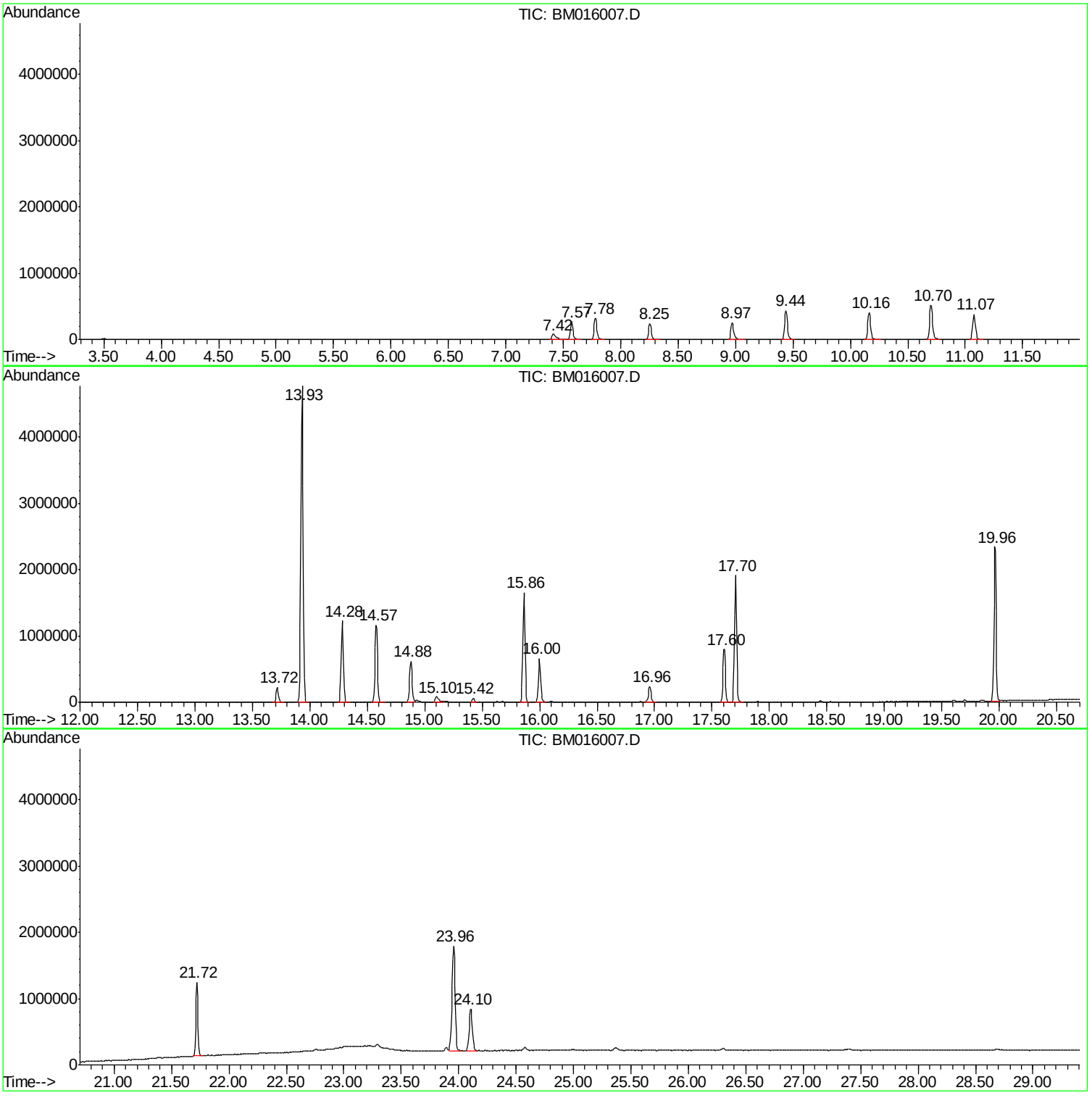
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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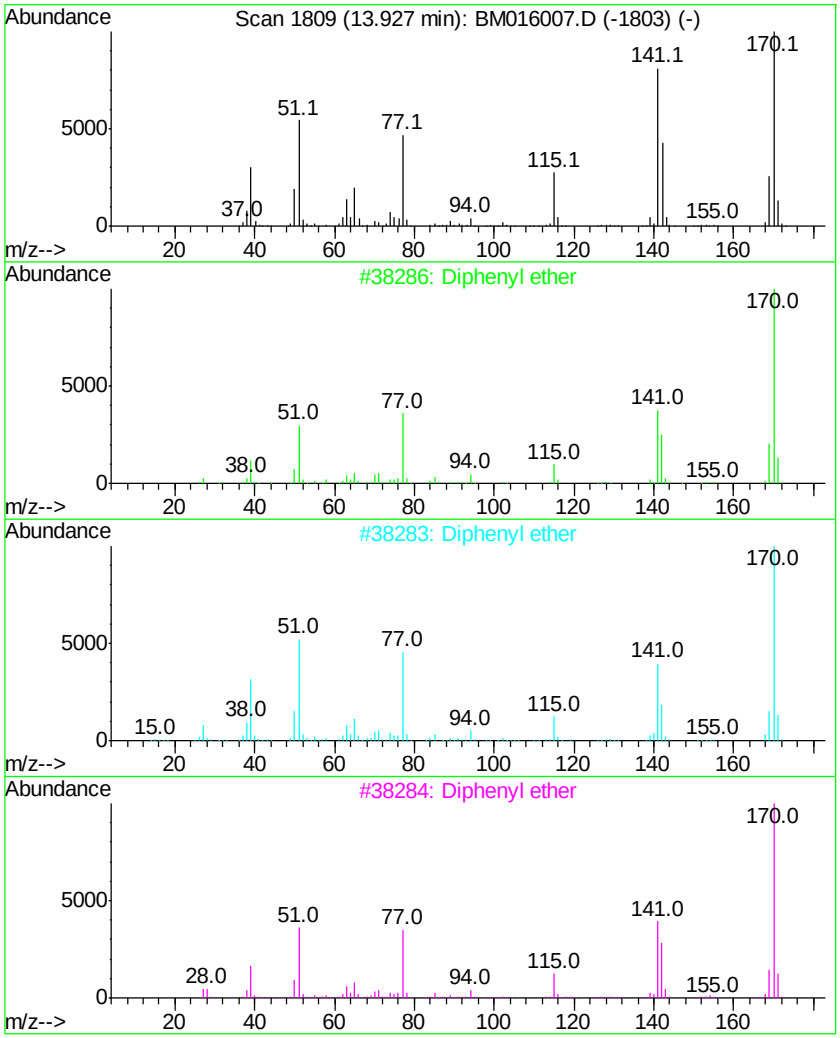
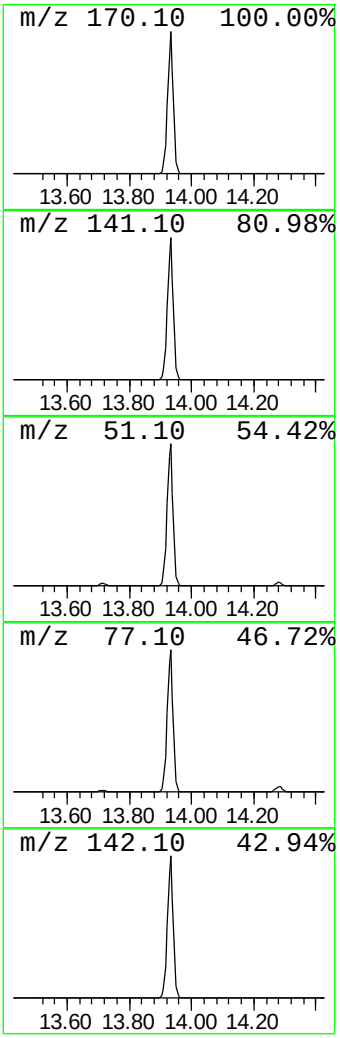
Peak Number 1 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	137.03 ng/ul	6405020	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	90
2	Diphenyl ether	170	C12H10O	000101-84-8	52
3	Diphenyl ether	170	C12H10O	000101-84-8	52
4	Diphenyl ether	170	C12H10O	000101-84-8	52
5	Phenol, O-(ethylsulfinyl)-	170	C8H10O2S	029634-40-0	38





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Quant Title : SVOA CALIBRATION

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

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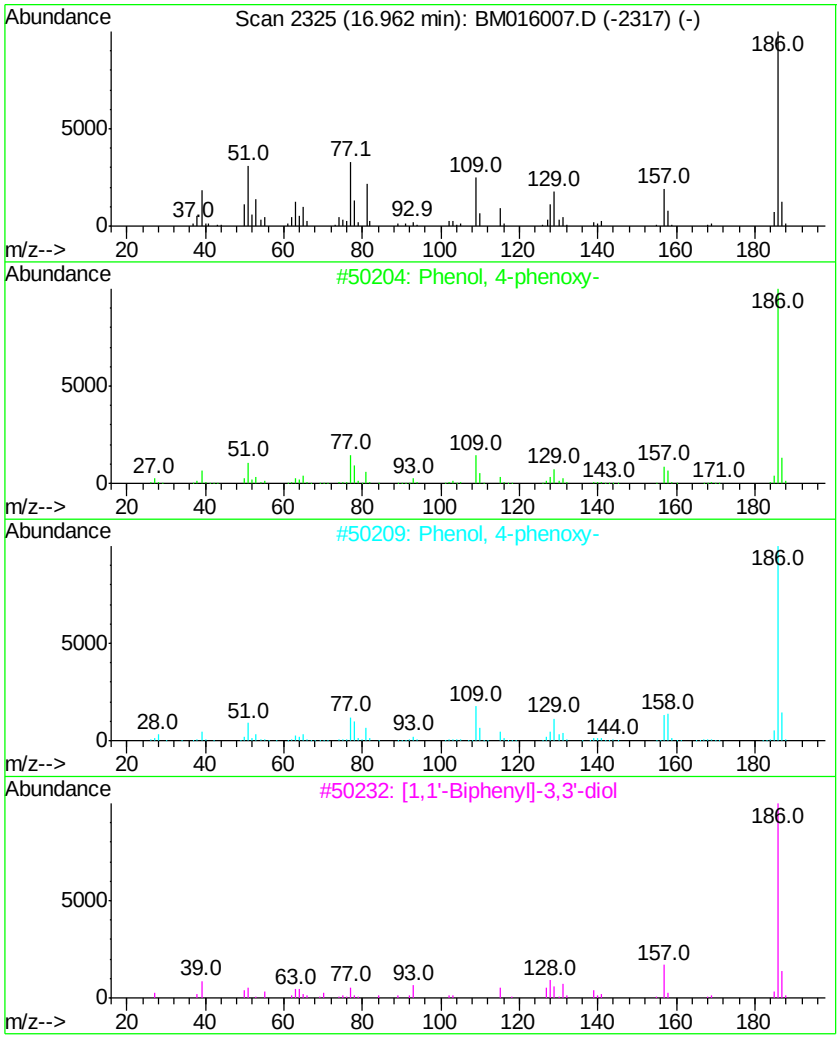
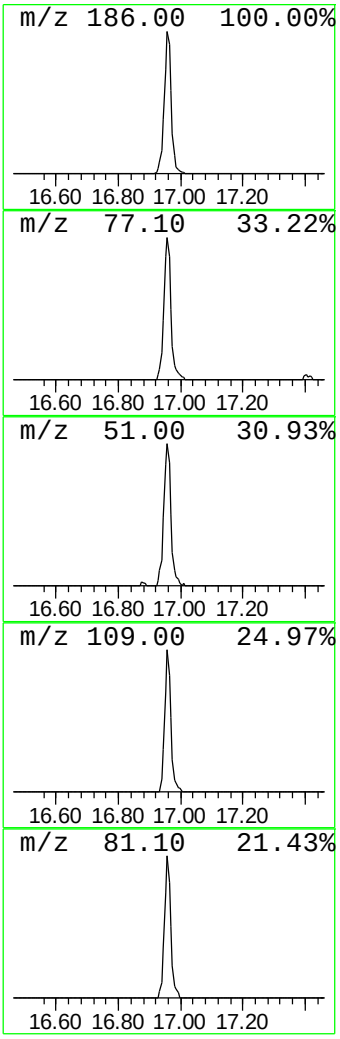
Peak Number 2 Phenol, 4-phenoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	6.44 ng/ul	371080	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	93
2	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	93
3	[1,1'-Biphenyl]-3,3'-diol	186	C12H10O2	000612-76-0	78
4	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	58
5	1,4-Naphthalenedione, 2,3-dimethyl-	186	C12H10O2	002197-57-1	52





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenyl ether	13.93	137.0	ng/ul	6405020	3	14.88	934823	20.0
Phenol, 4-phenoxy-	16.96	6.4	ng/ul	371080	4	17.60	1152130	20.0