LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026168.D
Acq On : 10 Mar 2017 11:28
Operator : SJ/MA
Sample : I2180-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD2

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:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.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	6.098	510	512	521	rVB3	23652	41420	1.25%	0.141%
2	7.214	697	702	710	rVB	79354	135896	4.10%	0.464%
3	7.384	725	731	740	rVB	377851	613347	18.52%	2.093%
4	7.596	760	767	780	rVB	324387	571852	17.26%	1.951%
5	8.066	840	847	853	rBV	378394	644454	19.46%	2.199%
6	8.113	853	855	862	rVB3	20156	35437	1.07%	0.121%
7	8.753	958	964	974	rBV	229617	407746	12.31%	1.391%
8	9.153	1027	1032	1037	rBV	43561	76016	2.29%	0.259%
9	9.217	1037	1043	1049	rBV	421222	719623	21.73%	2.455%
10	9.940	1159	1166	1177	rBV	278958	494205	14.92%	1.686%
11	10.481	1251	1258	1271	rBV	478474	847508	25.59%	2.891%
12	10.751	1295	1304	1311	rBV2	34884	74861	2.26%	0.255%
13	10.863	1314	1323	1330	rBV	553560	989940	29.89%	3.377%
14	14.065	1861	1868	1875	rBV	997614	1408383	42.52%	4.805%
15	14.364	1907	1919	1925	rBV	1271970	2031952	61.35%	6.932%
16	14.664	1963	1970	1978	rVB2	822530	1355112	40.91%	4.623%
17	14.840	1993	2000	2009	rBV2	52637	95676	2.89%	0.326%
18	15.651	2131	2138	2148	rBV	1705527	2533086	76.48%	8.642%
19	15.763	2151	2157	2164	rBV	309873	466013	14.07%	1.590%
20	17.396	2427	2435	2444	rBV	1120820	1687054	50.93%	5.756%
21	17.496	2445	2452	2464	rVB2	1872717	2774234	83.76%	9.465%
22	18.060	2542	2548	2556	rBV2	215535	299975	9.06%	1.023%
23	19.405	2771	2777	2784	rBV2	21104	33458	1.01%	0.114%
24	19.770	2832	2839	2850	rBV	2326120	3312278	100.00%	11.300%
25	21.644	3150	3158	3172	rBV	1237876	2042624	61.67%	6.969%
26	23.912	3539	3544	3551	rVB5	22835	46329	1.40%	0.158%
27	24.617	3653	3664	3686	rBV2	1144955	3191208	96.34%	10.887%
28	24.834	3690	3701	3723	rVB3	747564	2178513	65.77%	7.432%
29	25.974	3889	3895	3904	rVB5	31784	81805	2.47%	0.279%
30	27.314	4112	4123	4135	rBV7	35529	121173	3.66%	0.413%

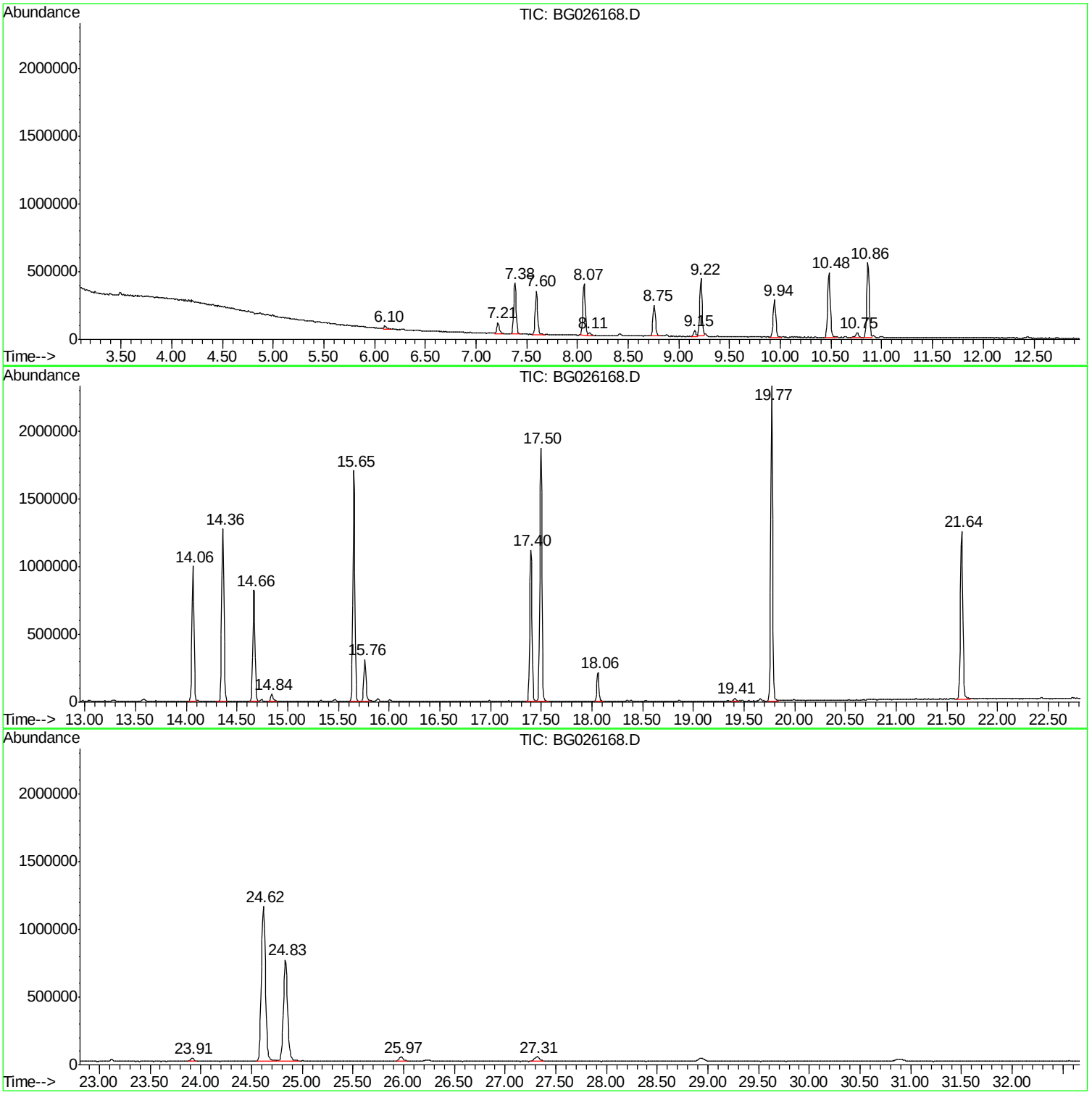
Sum of corrected areas: 29311178

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026168.D
Acq On : 10 Mar 2017 11:28
Operator : SJ/MA
Sample : I2180-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026168.D
Acq On : 10 Mar 2017 11:28
Operator : SJ/MA
Sample : I2180-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

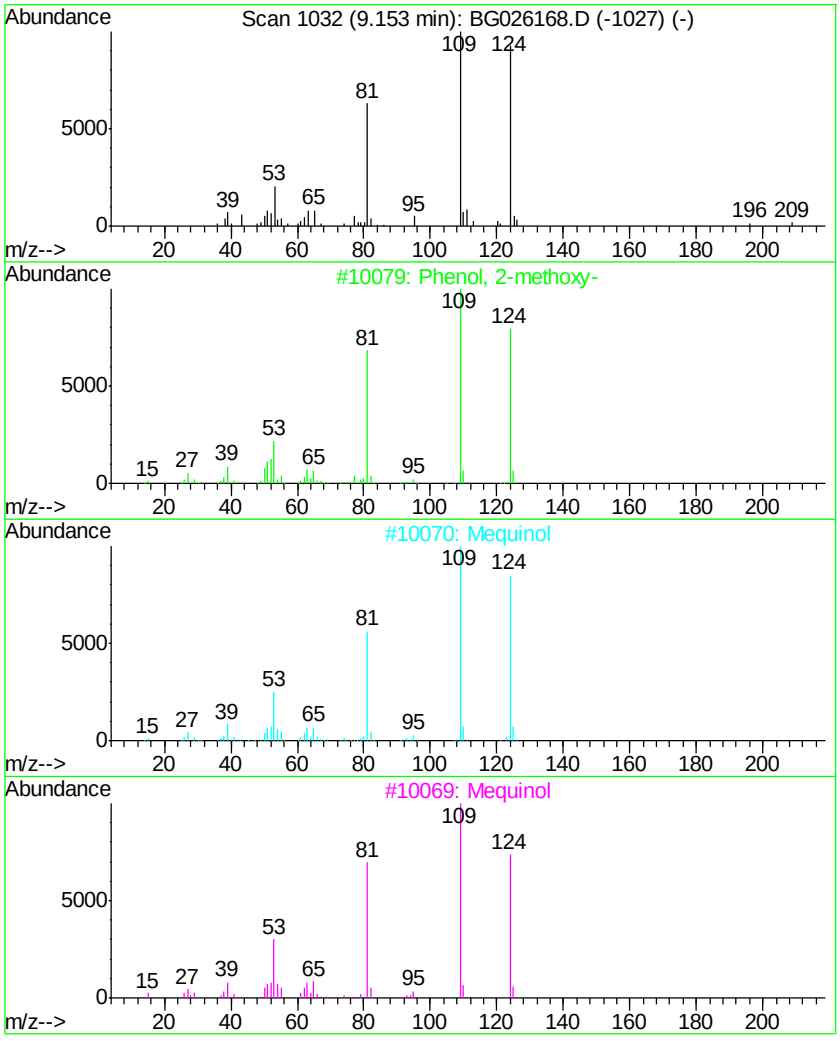
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

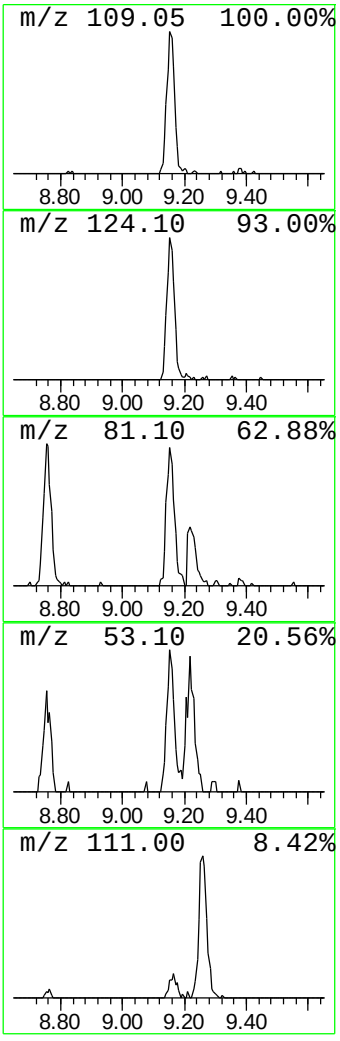
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.36 ng/ul	76016	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Mequinol	124	C7H8O2	000150-76-5	91
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026168.D
Acq On : 10 Mar 2017 11:28
Operator : SJ/MA
Sample : I2180-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

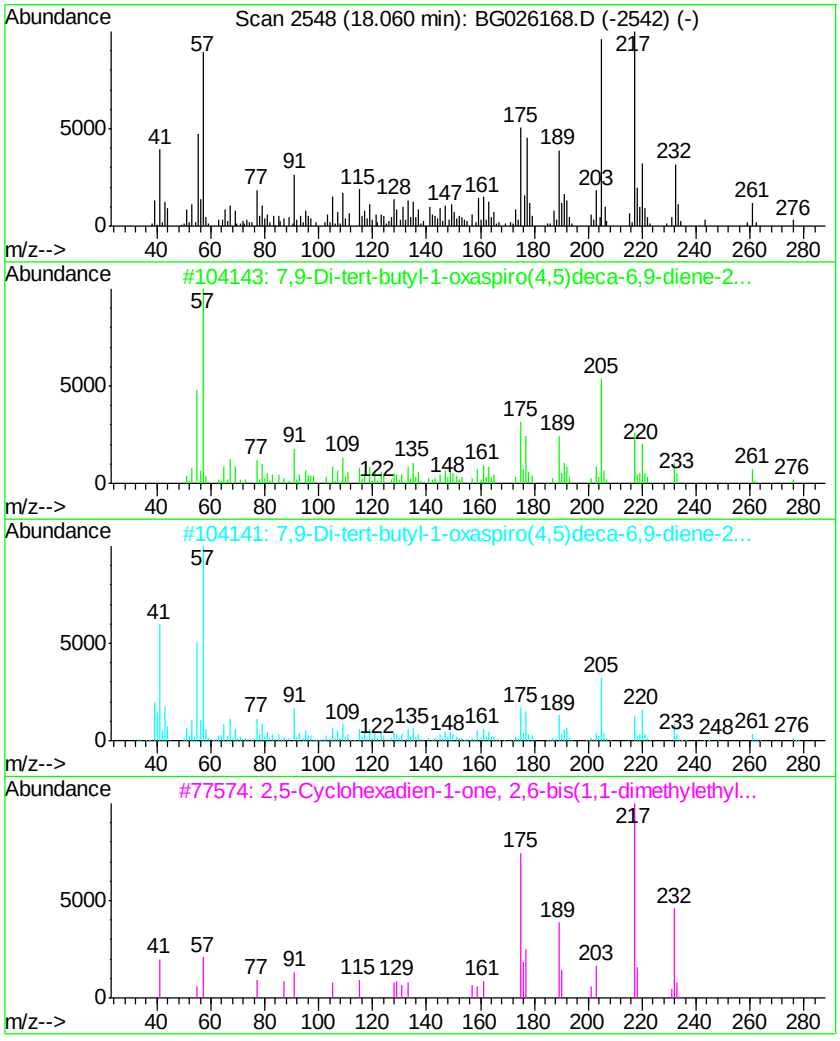
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

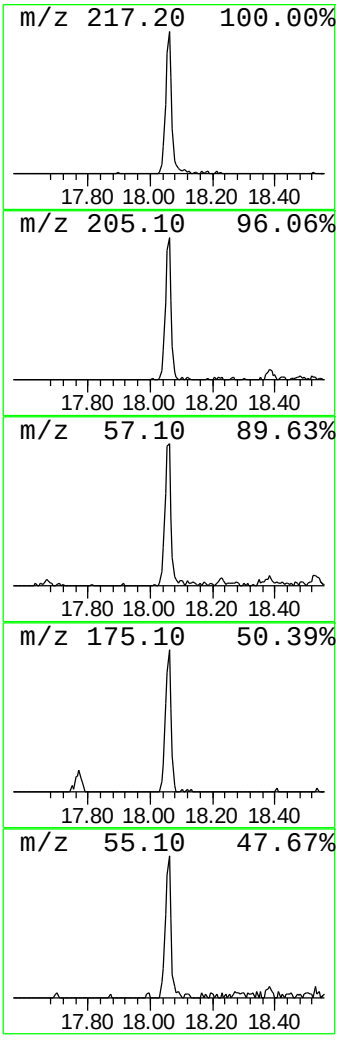
****

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.56 ng/ul	299975	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	90
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	46
5	Pyrido[3,4-d]pyridazin-1(2H)-one...	205	C9H11N5O	1000271-08-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026168.D
Acq On : 10 Mar 2017 11:28
Operator : SJ/MA
Sample : I2180-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.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-	9.15	2.4	ng/ul	76016	1	8.07	644454	20.0
7,9-Di-tert-butyl...	18.06	3.6	ng/ul	299975	4	17.40	1687050	20.0