LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040717\
Data File : BG026600.D
Acq On : 7 Apr 2017 16:39
Operator : SJ/MA
Sample : I2544-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BQ0

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-BG032717MA.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	7.202	692	700	713	rBV	73164	136595	2.93%	0.354%
2	7.360	721	727	737	rBV	398462	664361	14.26%	1.724%
3	7.572	756	763	775	rBV	360639	648180	13.91%	1.682%
4	8.036	835	842	852	rBV	439150	759350	16.30%	1.970%
5	8.394	892	903	911	rBV2	50971	122724	2.63%	0.318%
6	8.741	955	962	973	rBV	182173	337222	7.24%	0.875%
7	9.193	1032	1039	1056	rBV	433163	793883	17.04%	2.060%
8	9.916	1155	1162	1173	rBV	353737	656152	14.08%	1.703%
9	10.462	1248	1255	1267	rBV	507874	987541	21.19%	2.563%
10	10.833	1311	1318	1326	rBV	632598	1139362	24.45%	2.956%
11	10.974	1336	1342	1358	rBV2	126619	349996	7.51%	0.908%
12	11.655	1449	1458	1470	rBV3	82066	172417	3.70%	0.447%
13	14.041	1858	1864	1871	rBV	1321295	1951264	41.88%	5.063%
14	14.334	1907	1914	1924	rBV	1485885	2351853	50.48%	6.103%
15	14.646	1958	1967	1977	rBV2	1041408	1674845	35.95%	4.346%
16	14.863	1999	2004	2015	rBV4	40096	111289	2.39%	0.289%
17	15.627	2128	2134	2140	rBV	2075463	3268416	70.15%	8.481%
18	15.745	2148	2154	2165	rBV	640622	975869	20.94%	2.532%
19	17.378	2425	2432	2442	rBV2	1401041	2159076	46.34%	5.602%
20	17.472	2442	2448	2462	rVB	2096420	3276622	70.32%	8.502%
21	18.741	2655	2664	2671	rBV	354651	517661	11.11%	1.343%
22	19.393	2770	2775	2780	rBV	38506	59335	1.27%	0.154%
23	19.752	2829	2836	2844	rBV2	3081700	4520254	97.01%	11.729%
24	21.520	3133	3137	3143	rVB3	39325	66199	1.42%	0.172%
25	21.626	3147	3155	3165	rBV	1774888	3013185	64.67%	7.819%
26	23.870	3532	3537	3545	rVB6	31785	66750	1.43%	0.173%
27	24.581	3648	3658	3674	rVB2	1680077	4659349	100.00%	12.090%
28	24.799	3684	3695	3713	rVB2	1112937	3040564	65.26%	7.890%
29	27.225	4102	4108	4110	rBV6	30618	57794	1.24%	0.150%

Sum of corrected areas: 38538108

LSC Report - Integrated Chromatogram

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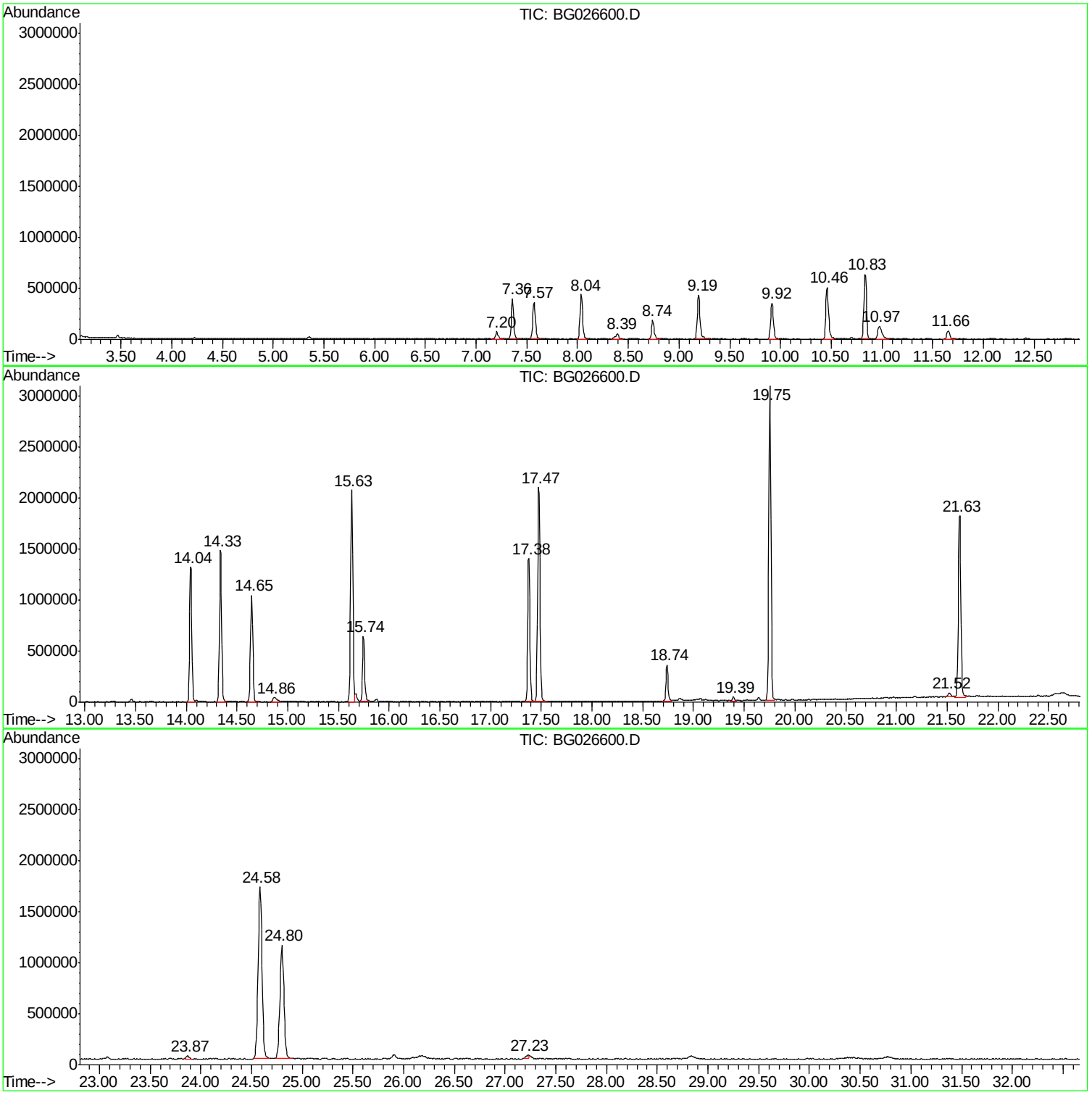
Instrument : BNA_G
ClientSampleId : C0BQ0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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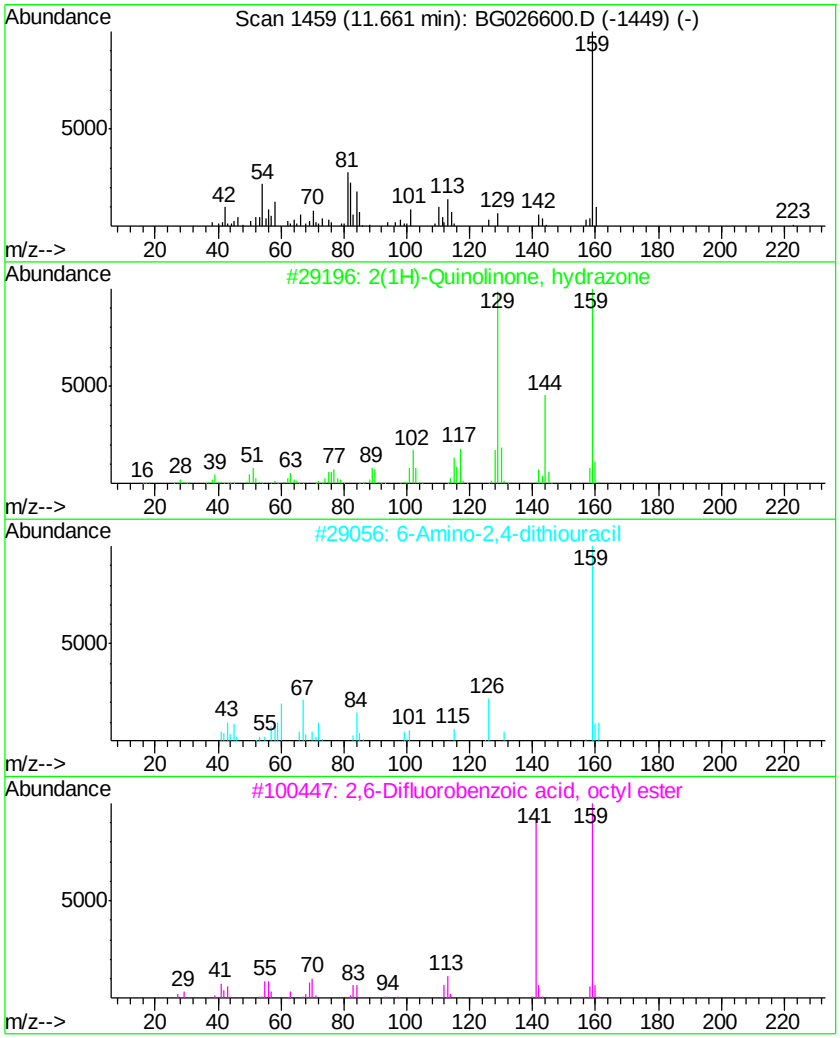
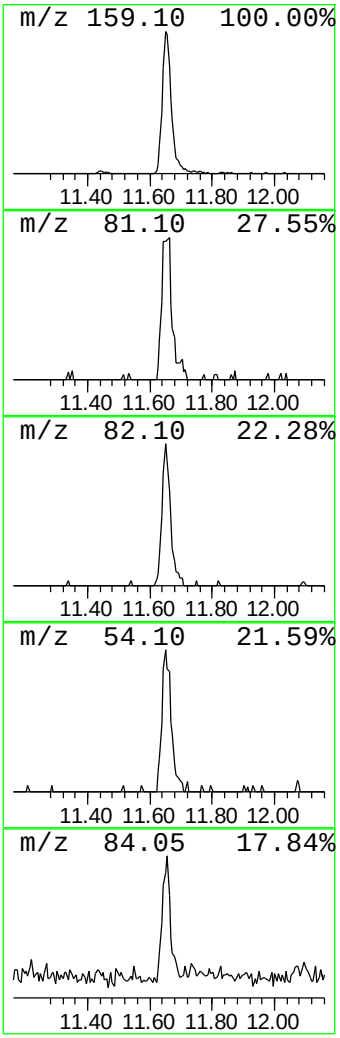
Peak Number 2 2(1H)-Quinolinone, hydrazone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.03 ng/ul	172417	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	50
2	6-Amino-2,4-dithiouracil	159	C4H5N3S2	006632-70-8	50
3	2,6-Difluorobenzoic acid, octyl ...	270	C15H20F2O2	1000292-39-2	42
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	37
5	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	37





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Instrument : BNA_G
ClientSampleId : C0BQ0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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

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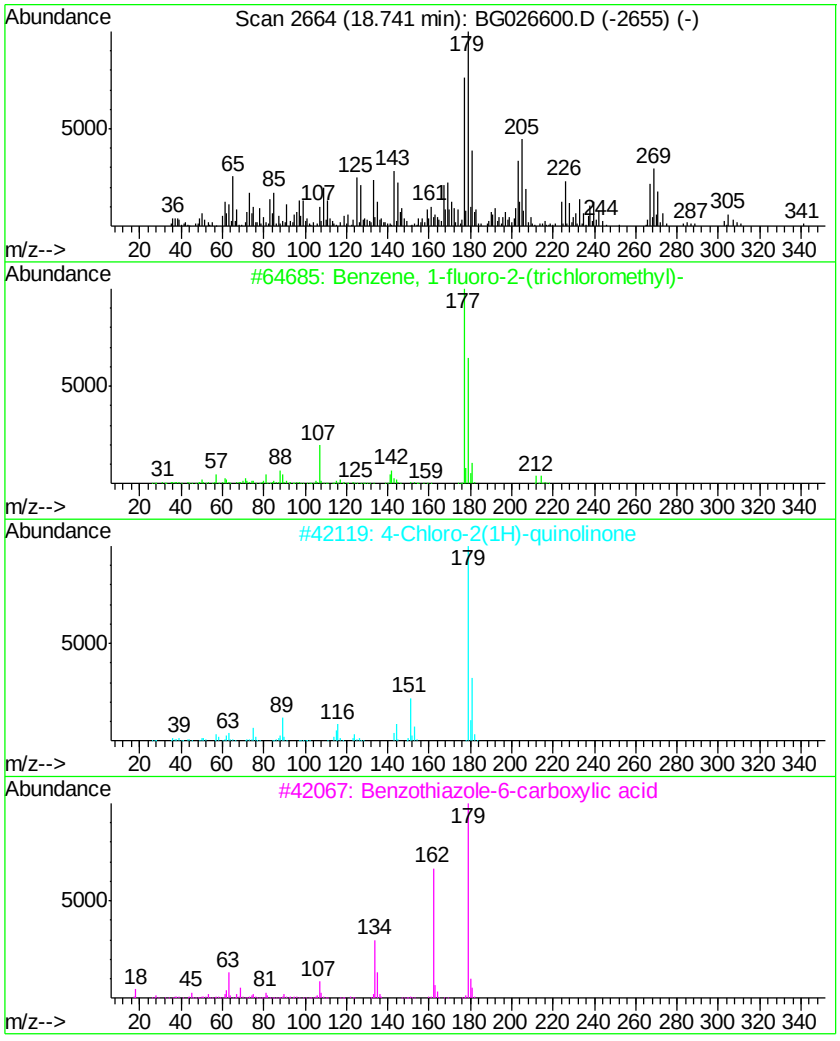
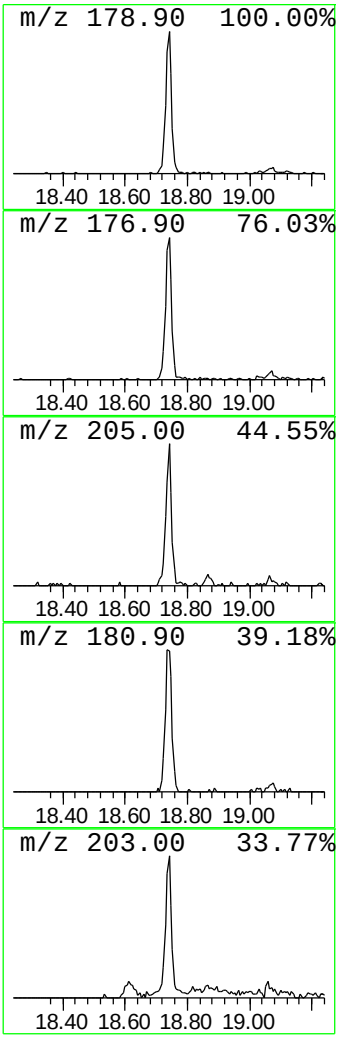
Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	4.80 ng/ul	517661	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	27
2	4-Chloro-2(1H)-quinolinone	179	C9H6ClNO	020146-59-2	25
3	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	25
4	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	22
5	Phenol, 4-amino-2,6-dichloro-	177	C6H5Cl2NO	005930-28-9	18





Tentatively Identified Compound (LSC) summary

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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
2(1H)-Quinolinone...	11.66	3.0	ng/ul	172417	2	10.83	1139360	20.0
unknown-01	18.74	4.8	ng/ul	517661	4	17.37	2159080	20.0