LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0DL

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_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	3.246	108	112	120	rBV	174599	226406	10.25%	1.647%
2	7.022	750	754	760	rBV2	24431	43655	1.98%	0.318%
3	7.216	782	787	797	rBV	32552	62862	2.85%	0.457%
4	7.657	856	862	876	rBV	385960	709060	32.12%	5.158%
5	8.416	986	991	996	rBV5	14560	30468	1.38%	0.222%
6	8.851	1060	1065	1073	rBV3	24059	55429	2.51%	0.403%
7	9.563	1181	1186	1190	rBV3	11876	23342	1.06%	0.170%
8	10.163	1283	1288	1296	rBV5	10902	32307	1.46%	0.235%
9	10.434	1327	1334	1354	rBV	463740	957277	43.36%	6.964%
10	13.733	1885	1895	1900	rBV	80457	140299	6.35%	1.021%
11	13.780	1900	1903	1914	rVB	22649	45773	2.07%	0.333%
12	13.998	1932	1940	1955	rBV2	106545	219930	9.96%	1.600%
13	14.298	1983	1991	2002	rBV	751916	1209547	54.78%	8.800%
14	15.310	2157	2163	2170	rBV	133904	224092	10.15%	1.630%
15	17.057	2454	2460	2472	rBV	882327	1381992	62.60%	10.054%
16	17.163	2472	2478	2483	rVV2	143339	251853	11.41%	1.832%
17	17.198	2483	2484	2492	rVB2	37181	54162	2.45%	0.394%
18	19.127	2808	2812	2818	rBV2	28099	47258	2.14%	0.344%
19	19.456	2863	2868	2877	rBV2	225471	446363	20.22%	3.247%
20	20.286	3006	3009	3012	rBV4	35818	45190	2.05%	0.329%
21	21.115	3147	3150	3152	rBV	81693	85008	3.85%	0.618%
22	21.156	3153	3157	3161	rVV	2067190	2207807	100.00%	16.062%
23	21.250	3168	3173	3178	rBV	1439047	2126575	96.32%	15.471%
24	21.374	3190	3194	3196	rBV	200411	248789	11.27%	1.810%
25	21.627	3233	3237	3238	rBV	140466	172503	7.81%	1.255%
26	22.815	3435	3439	3444	rBV	286520	553107	25.05%	4.024%
27	23.286	3515	3519	3523	rBV	238589	377059	17.08%	2.743%
28	23.474	3546	3551	3558	rBV	920216	1767516	80.06%	12.859%

Sum of corrected areas: 13745629

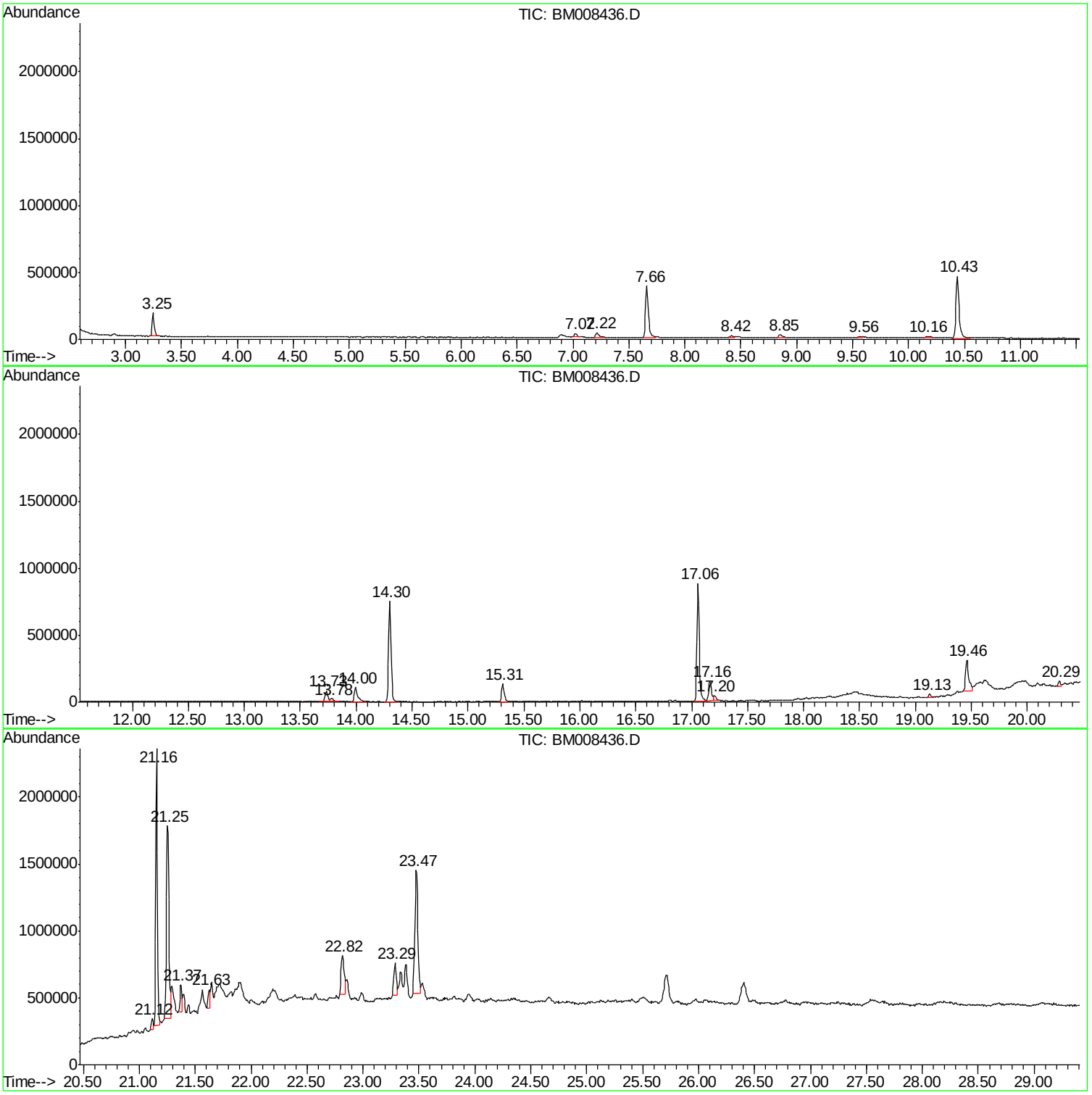
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

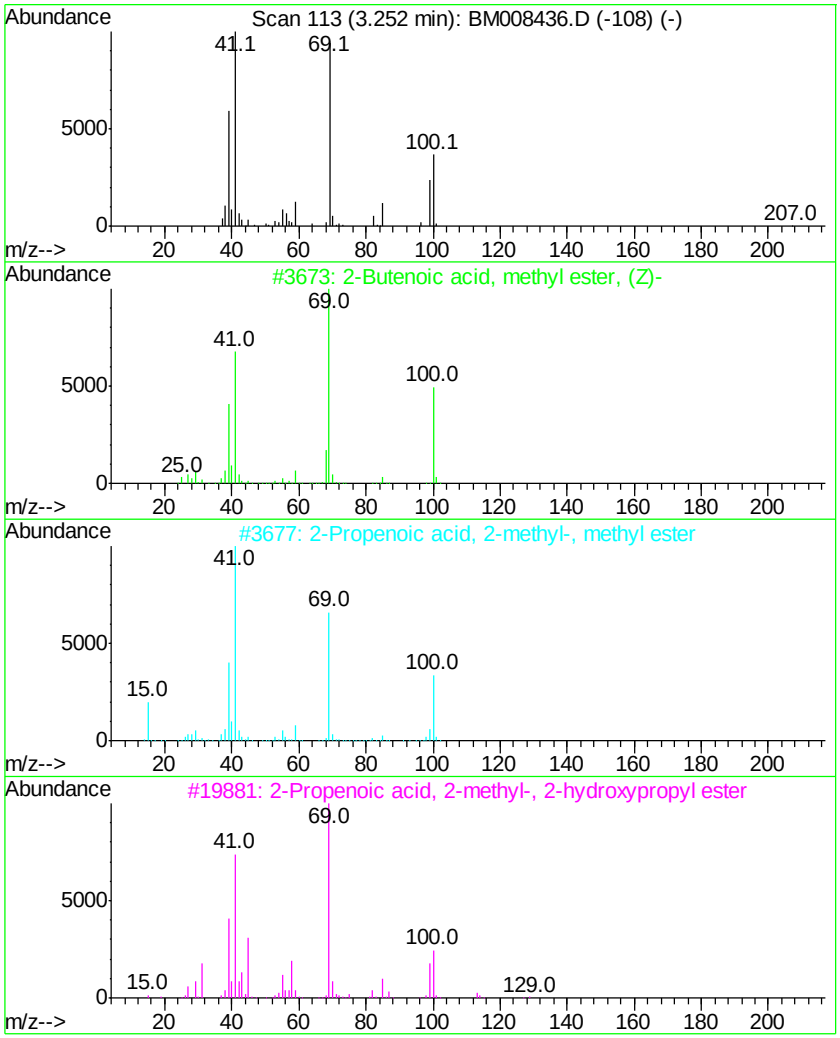
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

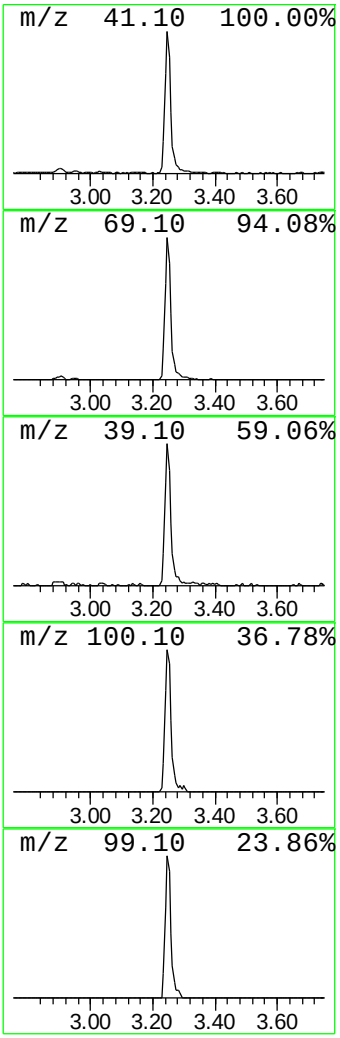
****

Peak Number 1 2-Butenoic acid, methyl est... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	6.39 ng/ul	226406	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	83
2	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	80
3	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	78
4	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	76
5	2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

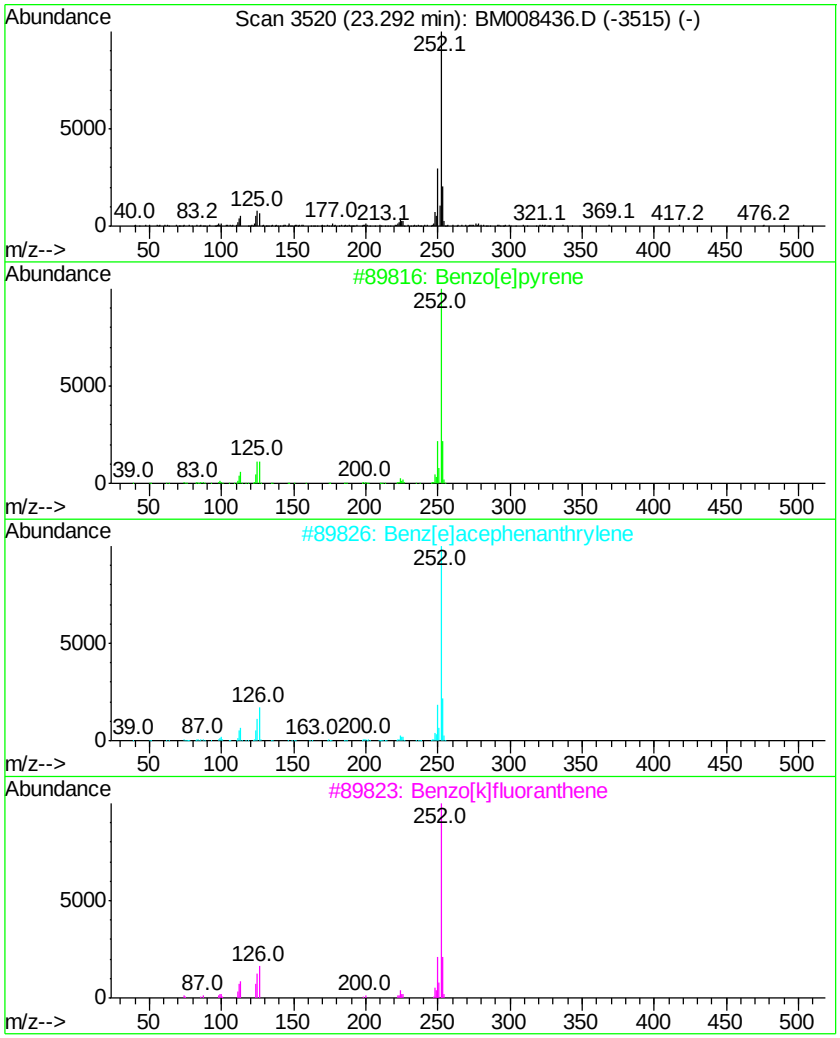
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

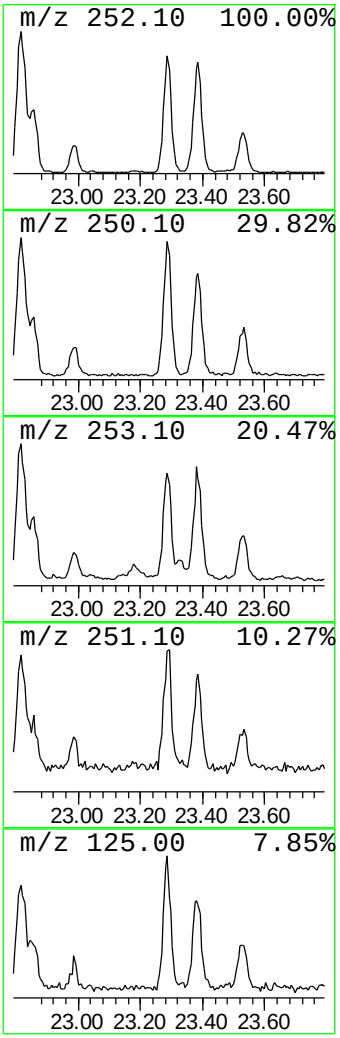
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	4.27 ng/ul	377059	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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
2-Butenoic acid, ...	3.25	6.4	ng/ul	226406	1	7.66	709060	20.0
Benzo[e]pyrene	23.29	4.3	ng/ul	377059	6	23.47	1767520	20.0