LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
Data File : BM003494.D
Acq On : 11 Dec 2015 22:31
Operator : UM/IZ
Sample : PB87221BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK21

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.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	3.181	12	16	25	rVB	20282	24870	1.59%	0.193%
2	3.740	109	111	115	rVB	2456	2113	0.14%	0.016%
3	3.922	138	142	146	rVB3	1689	2201	0.14%	0.017%
4	4.840	294	298	306	rBV2	1048	1898	0.12%	0.015%
5	6.887	640	646	657	rVB	328467	491293	31.46%	3.818%
6	7.051	668	674	683	rBV	271310	410176	26.26%	3.188%
7	7.251	702	708	718	rBV	347624	533558	34.16%	4.147%
8	7.722	783	788	792	rVB	4138	5823	0.37%	0.045%
9	8.422	901	907	916	rBV	424690	657251	42.08%	5.108%
10	8.875	977	984	991	rBV	303307	477322	30.56%	3.710%
11	9.592	1100	1106	1115	rVB	241438	393090	25.17%	3.055%
12	10.134	1191	1198	1212	rVB	390772	650059	41.62%	5.052%
13	10.510	1257	1262	1267	rBV	7175	11359	0.73%	0.088%
14	10.645	1277	1285	1303	rBV	413739	687799	44.04%	5.346%
15	12.104	1529	1533	1538	rVB	4517	6597	0.42%	0.051%
16	13.780	1812	1818	1832	rVB	666149	910698	58.31%	7.078%
17	14.063	1859	1866	1883	rBV	798011	1154776	73.94%	8.975%
18	14.369	1914	1918	1923	rBV2	11703	15741	1.01%	0.122%
19	14.574	1947	1953	1973	rVB	186841	292430	18.72%	2.273%
20	15.368	2081	2088	2102	rVB	953722	1408659	90.20%	10.948%
21	15.486	2102	2108	2114	rBV	174873	222696	14.26%	1.731%
22	15.604	2124	2128	2133	rVB2	7280	9225	0.59%	0.072%
23	17.115	2381	2385	2390	rVB	11490	13930	0.89%	0.108%
24	17.215	2396	2402	2419	rBV2	990579	1383367	88.58%	10.752%
25	19.151	2726	2731	2735	rBV	7318	8760	0.56%	0.068%
26	19.404	2769	2774	2779	rBV	5954	8412	0.54%	0.065%
27	19.515	2787	2793	2807	rBV	1091285	1506070	96.43%	11.706%
28	21.309	3095	3098	3105	rBV	11994	14339	0.92%	0.111%
29	23.427	3450	3458	3471	rBV	823607	1561790	100.00%	12.139%

Sum of corrected areas: 12866302

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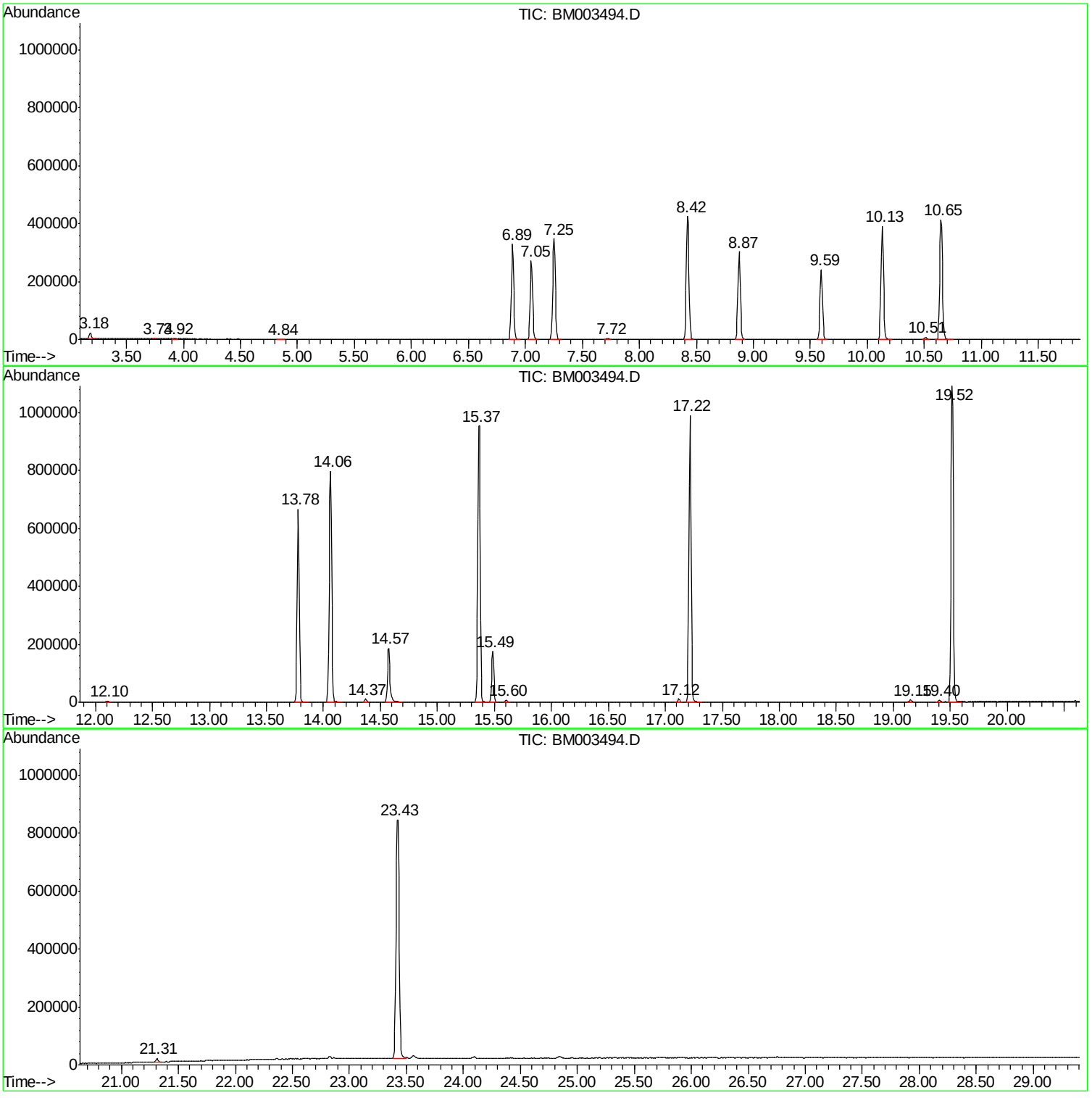
BNA_M
ClientSampleId :
SBLK21

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
Data File : BM003494.D
Acq On : 11 Dec 2015 22:31
Operator : UM/IZ
Sample : PB87221BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK21

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION

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

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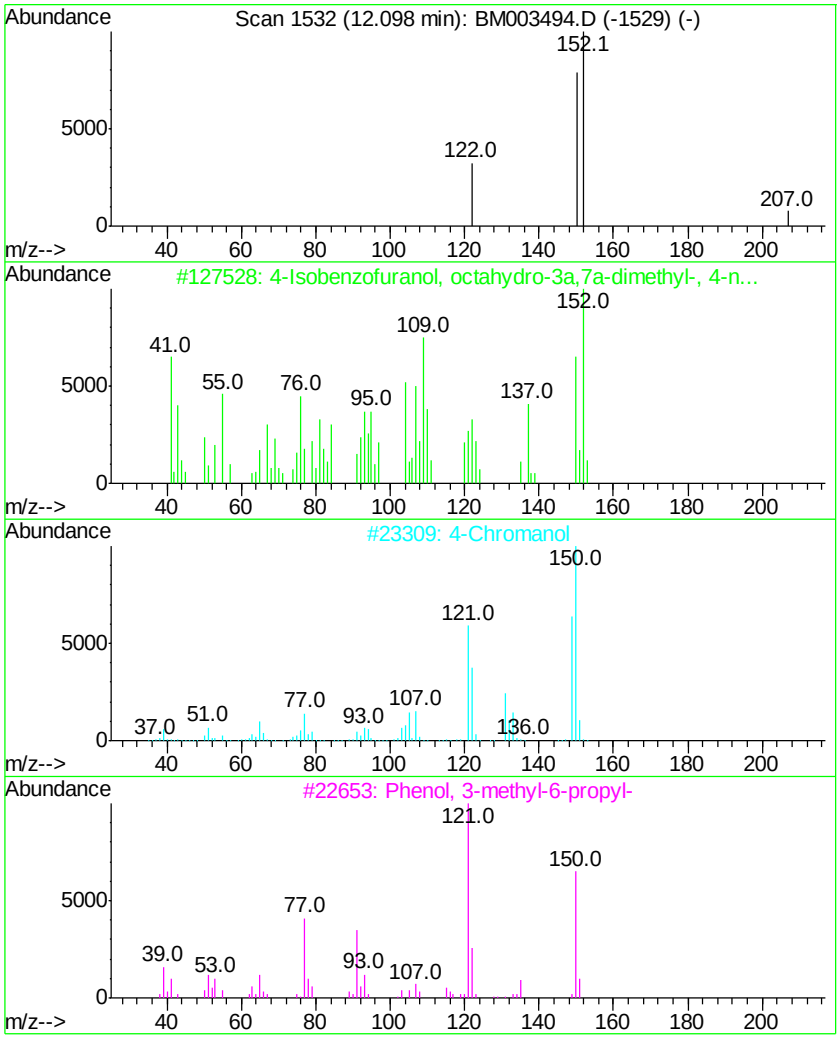
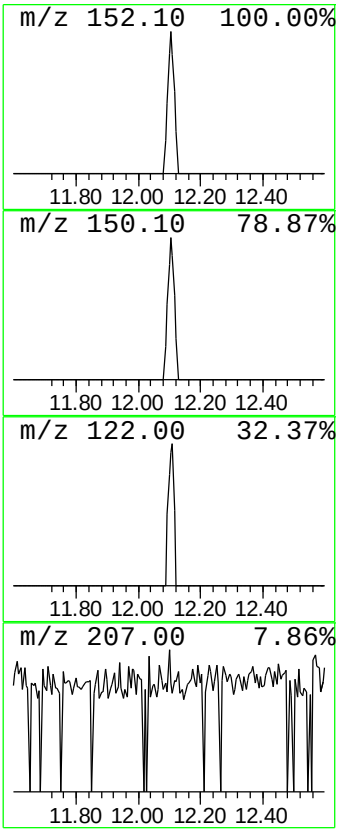
Peak Number 4 4-Isobenzofuranol, octahydr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	11.62 ng/ul	6597	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isobenzofuranol, octahydro-3a,...	319	C17H21NO5	054346-04-2	64
2	4-Chromanol	150	C9H10O2	001481-93-2	9
3	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	9
4	2,4-Cycloheptadien-1-one, 2,6,6-...	150	C10H14O	000503-93-5	7
5	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	000080-57-9	7





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION

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

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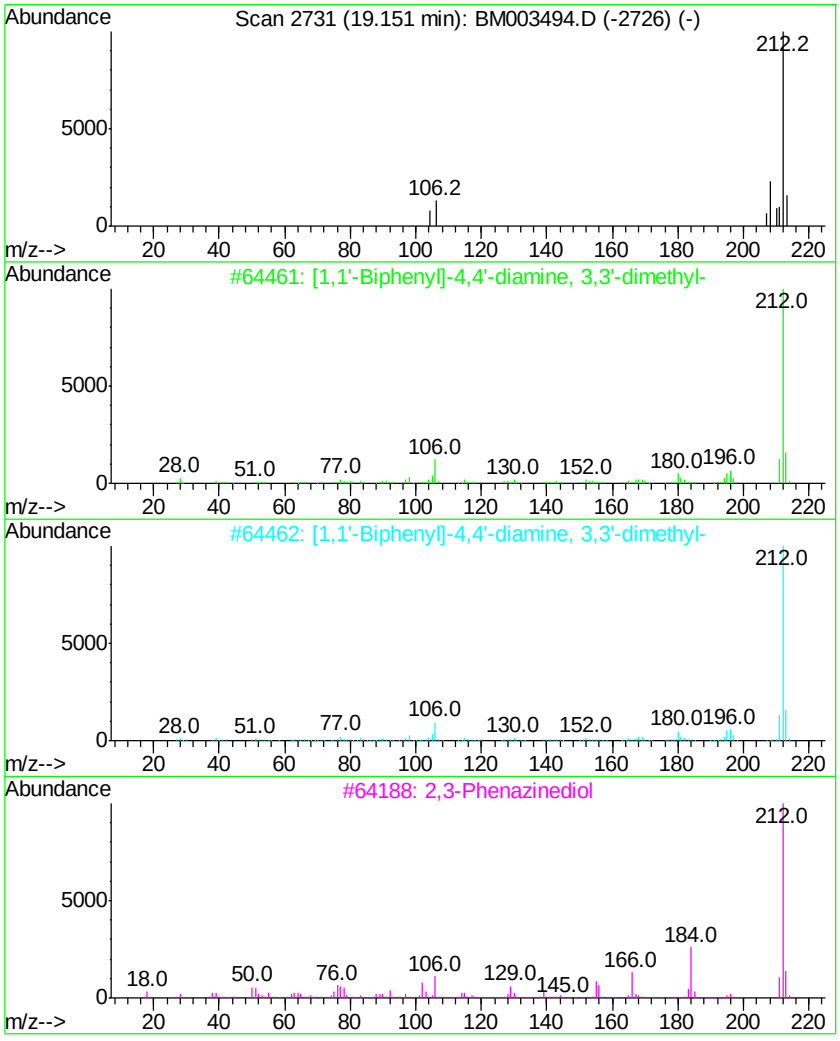
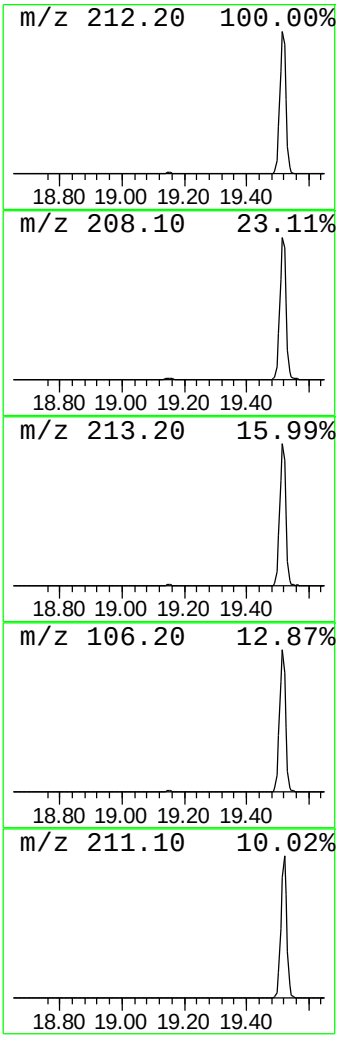
Peak Number 6 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	12.58 ng/ul	8760	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	64
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	64
3	2,3-Phenazinediol	212	C12H8N2O2	019220-18-9	59
4	Harmine, ethenyl(ester)	212	C14H12O2	074797-84-5	59
5	Harmine	212	C13H12N2O	000442-51-3	45





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
4-Isobenzofuranol...	12.10	11.6	ng/ul	6597	2	10.51	11359	20.0
[1,1'-Biphenyl]-4...	19.15	12.6	ng/ul	8760	4	17.12	13930	20.0