

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023854.D
 Acq On : 22 Nov 2019 06:44
 Operator : JU
 Sample : K5809-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 08:09:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	459888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1737640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	943681	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1736713	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1912994	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	2556175	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	273	0.02	ng/uL	0.00
5) Phenol-d5	6.71	99	1580	0.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	1947	0.08	ng/ul	-0.02
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.24	113	1426	0.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	792	0.06	ng/ul	0.06
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.93	165	965	0.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	718	0.02	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	1744	0.02	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	314	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	646	0.05	ng/ul	-0.02
58) Fluorene-d10	15.16	176	298	0.00	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	6229	0.62	ng/ul	-0.02
71) Anthracene-d10	16.93	188	1736713	21.08	ng/ul	-0.09
79) Pyrene-d10	19.36	212	3792	0.04	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.32	264	2547000	18.94	ng/ul	0.16

Target Compounds

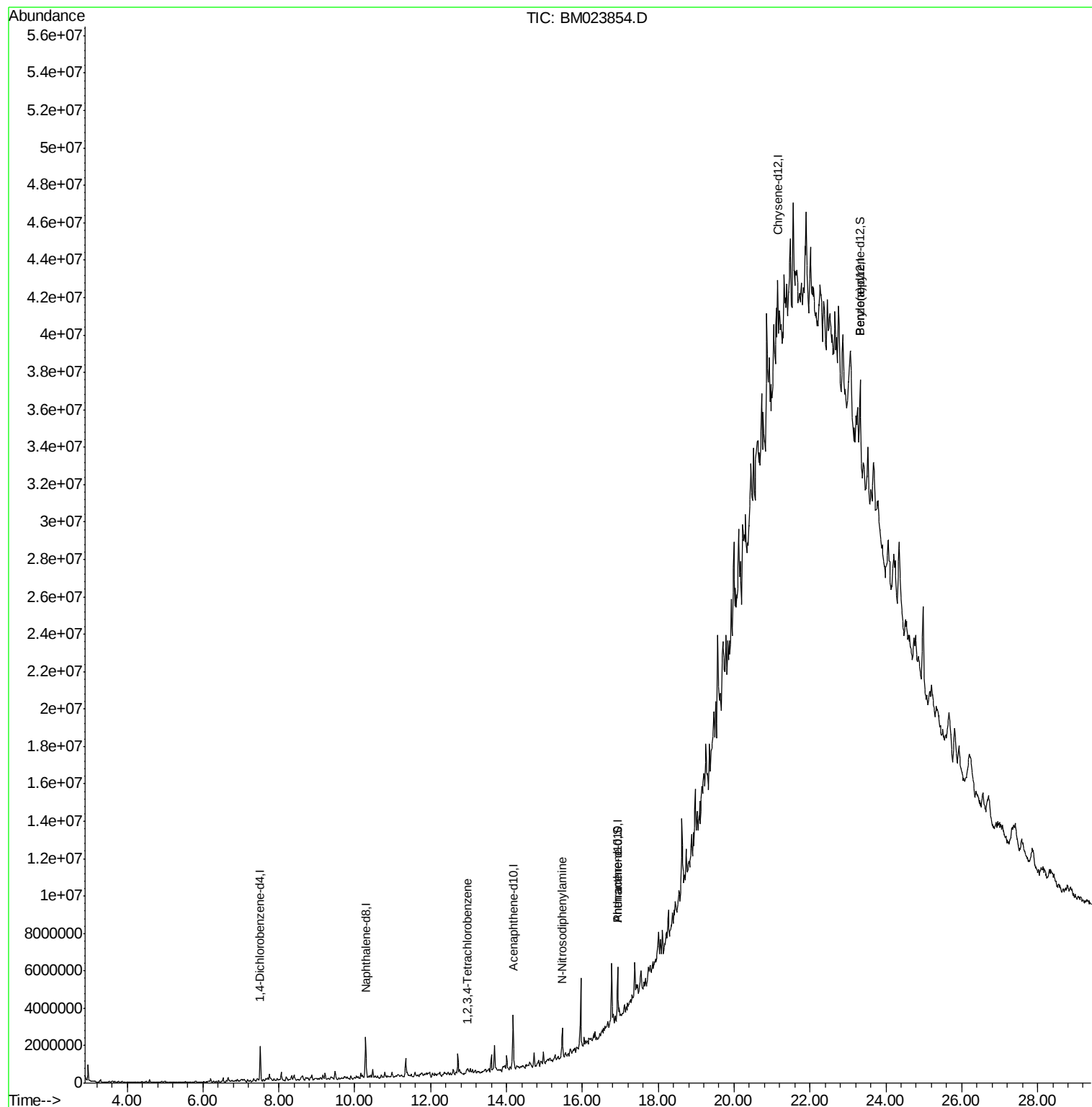
				Ovalue	
65) N-Nitrosodiphenylamine	15.47	169	52124	1.023	ng/ul# 48
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	32718	1.329	ng/uL 98

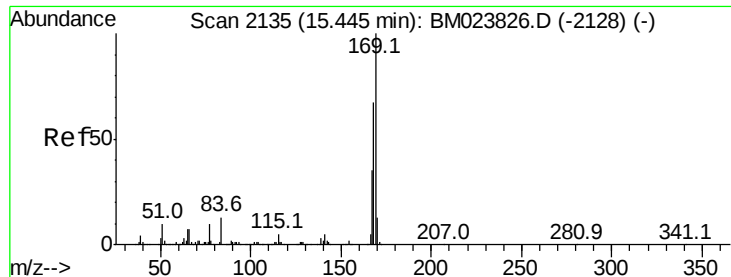
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#65

N-Nitrosodiphenylamine

Concen: 1.023 ng/ul

RT: 15.47 min Scan# 2139

Delta R.T. 0.02 min

Lab File: BM023854.D

Acq: 22 Nov 2019 06:44

Instrument :

BNA_M

ClientSampleId :

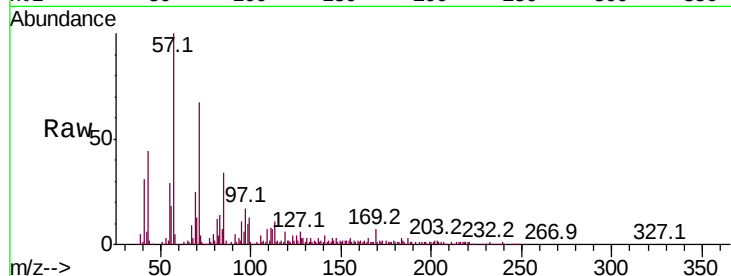
Tot Ion:169 Resp: 52124

Ion Ratio Lower Upper

169 100

168 18.4 53.2 79.8#

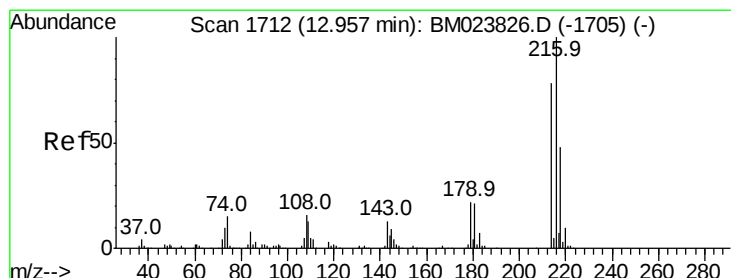
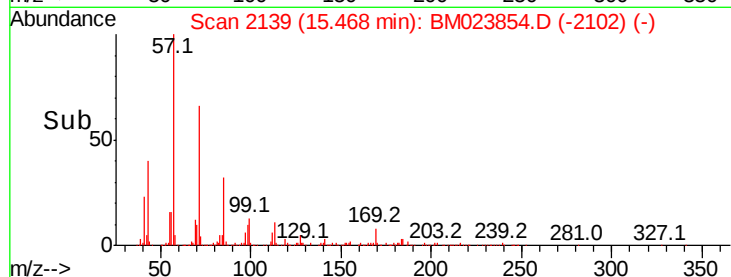
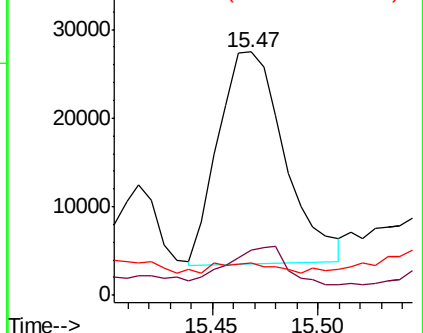
167 13.2 28.0 42.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.329 ng/uL

RT: 12.96 min Scan# 1713

Delta R.T. -0.00 min

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Acq: 22 Nov 2019 06:44

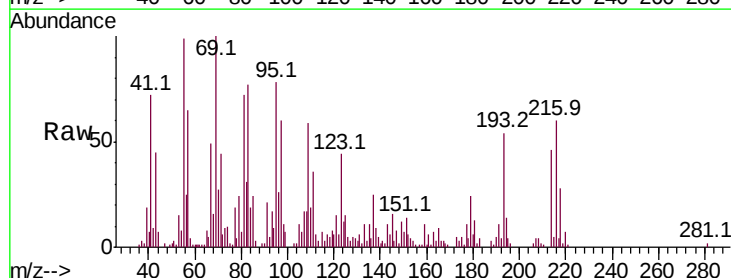
Tgt Ion:216 Resp: 32718

Ion Ratio Lower Upper

216 100

214 76.9 63.1 94.7

218 46.4 38.6 57.8



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

