

Data File : BM024005.D
Acq On : 04 Dec 2019 17:13
Operator : JU
Sample : K4649-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169DL

Quant Time: Dec 05 02:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 05 02:46:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	326397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1291682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	770734	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1621990	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1623622	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	1930889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	361	0.05	ng/uL	-0.01
5) Phenol-d5	6.68	99	33144	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	101939	6.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	106583	4.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	60611	2.69	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	63267	6.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	68791	6.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	118993	5.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	7955	0.34	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	403968	6.75	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	456981	6.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	5020	0.50	ng/ul	0.04
58) Fluorene-d10	15.14	176	354330	7.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	32619	3.20	ng/ul	0.00
71) Anthracene-d10	16.99	188	545875	7.05	ng/ul	0.00
79) Pyrene-d10	19.30	212	627164	7.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	732989	7.18	ng/ul	0.00

Target Compounds

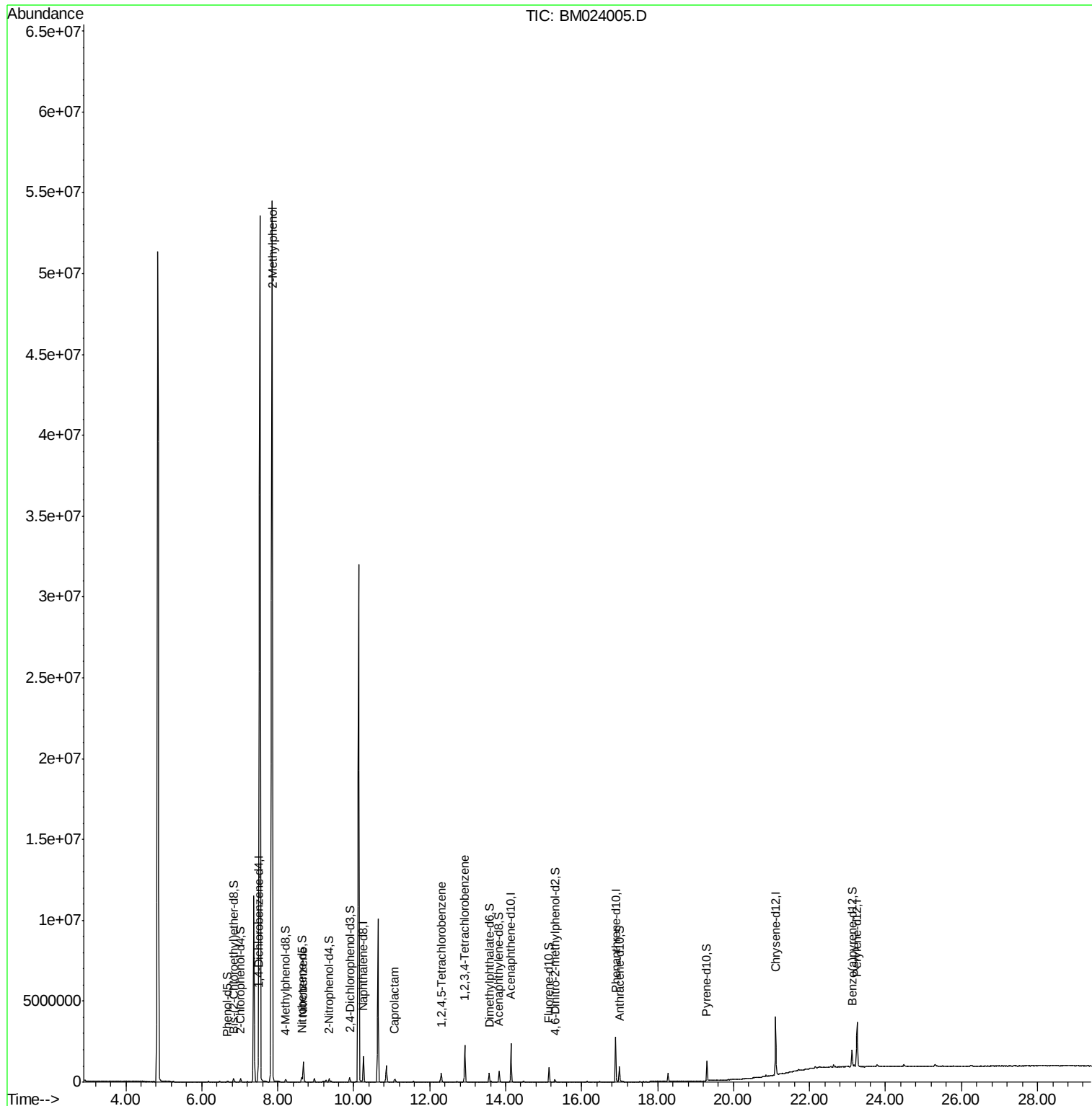
					Qvalue
11) 2-Methylphenol	7.86	108	256520	11.685 ng/ul	94
20) Nitrobenzene	8.68	77	754574	30.983 ng/ul	98
32) Caprolactam	11.07	113	17170	2.742 ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	218471	9.088 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	709649	29.090 ng/uL	100

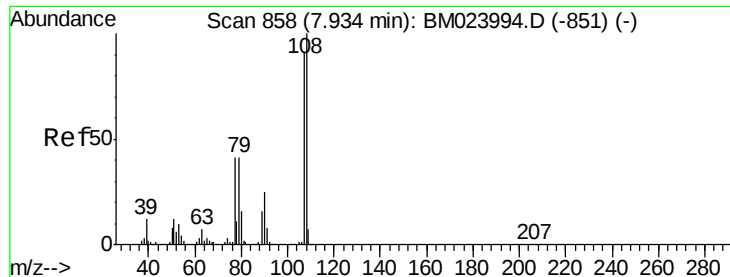
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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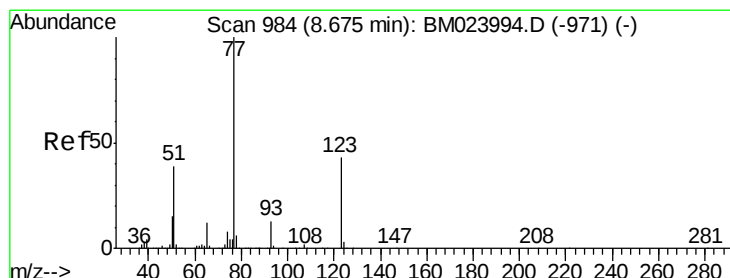
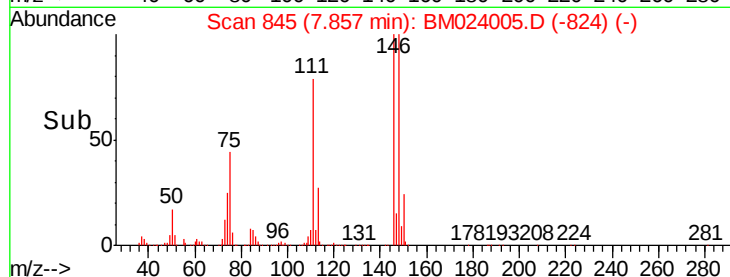
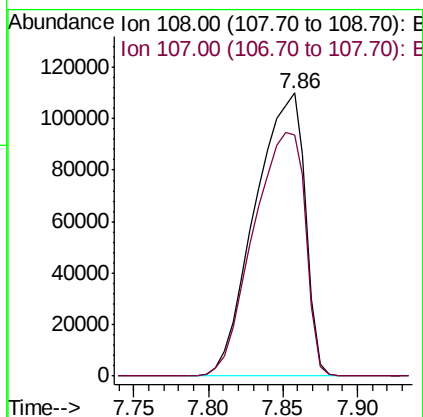
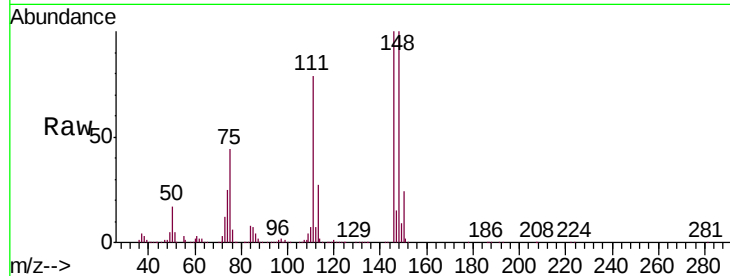




#11
 2-Methylphenol
 Concen: 11.685 ng/ul
 RT: 7.86 min Scan# 845
 Delta R.T. -0.08 min
 Lab File: BM024005.D
 Acq: 04 Dec 2019 17:13

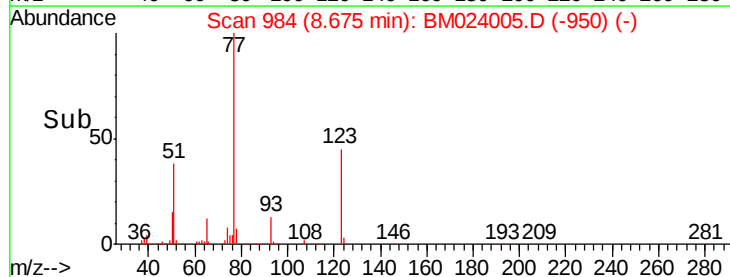
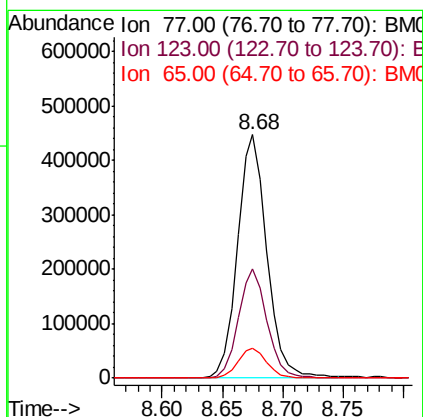
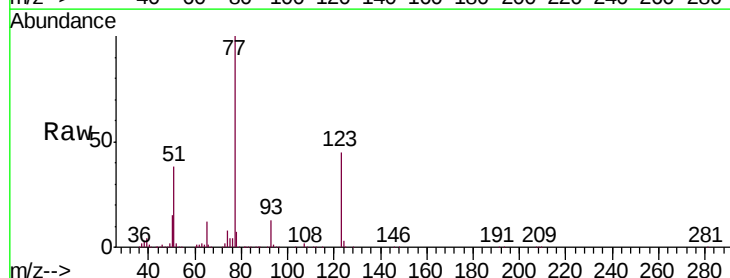
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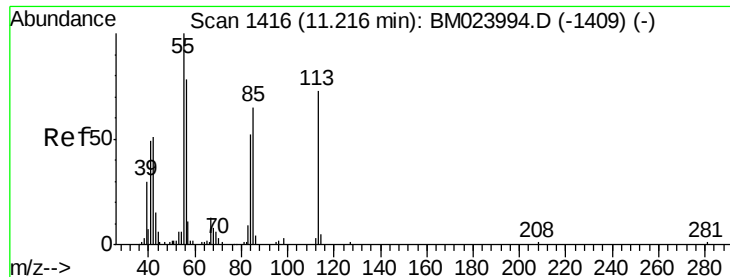
Tgt Ion: 108 Resp: 256520
 Ion Ratio Lower Upper
 108 100
 107 85.1 72.5 108.7



#20
 Nitrobenzene
 Concen: 30.983 ng/ul
 RT: 8.68 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BM024005.D
 Acq: 04 Dec 2019 17:13

Tgt Ion: 77 Resp: 754574
 Ion Ratio Lower Upper
 77 100
 123 44.8 34.6 51.8
 65 12.3 9.8 14.6





#32

Caprolactam

Concen: 2.742 ng/ul

RT: 11.07 min Scan# 1392

Delta R.T. -0.14 min

Lab File: BM024005.D

Acq: 04 Dec 2019 17:13

Instrument :

BNA_M

ClientSampleId :

A5169DL

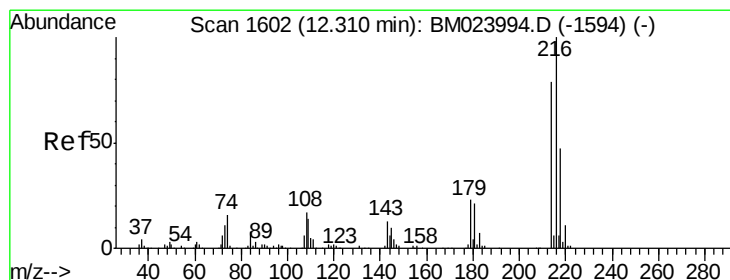
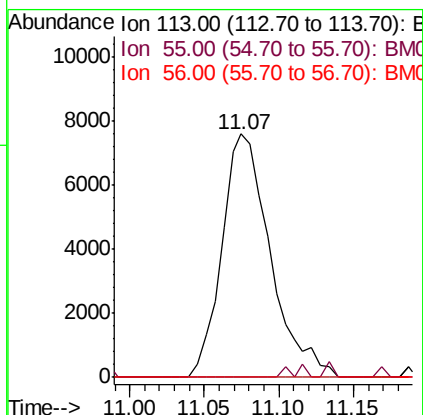
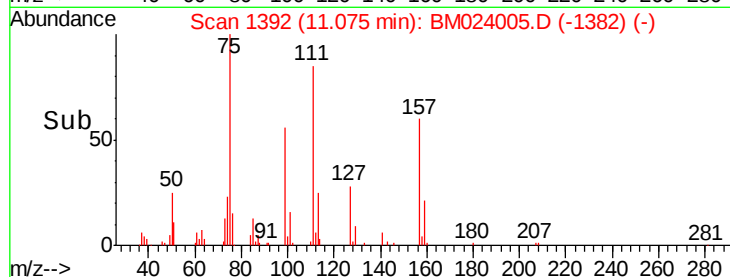
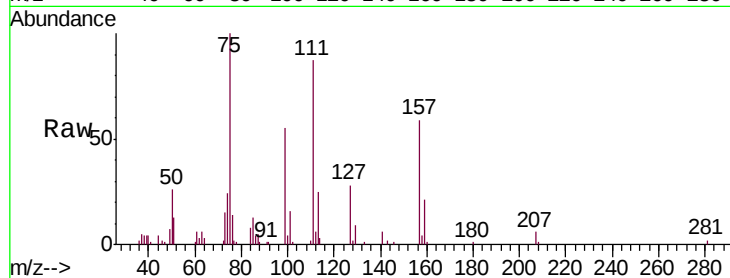
Tgt Ion:113 Resp: 17170

Ion Ratio Lower Upper

113 100

55 0.0 110.1 165.1#

56 0.0 85.5 128.3#



#37

1,2,4,5-Tetrachlorobenzene

Concen: 9.088 ng/ul

RT: 12.31 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BM024005.D

Acq: 04 Dec 2019 17:13

Tgt Ion:216 Resp: 218471

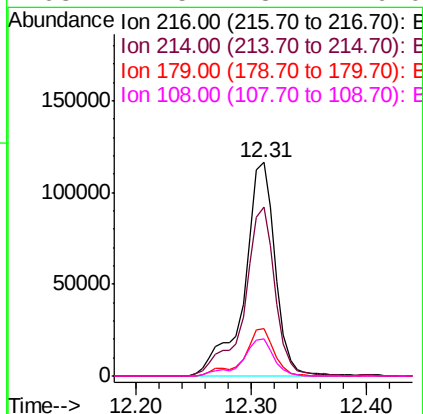
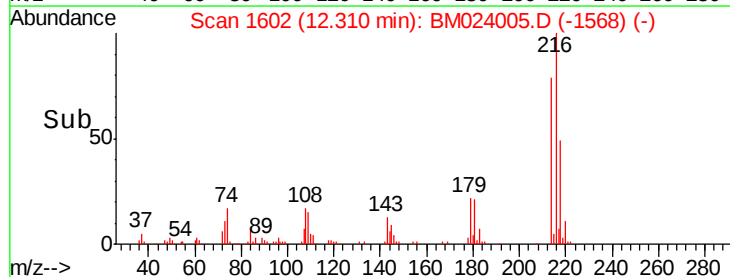
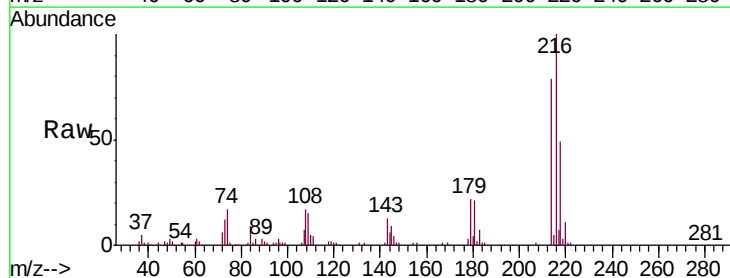
Ion Ratio Lower Upper

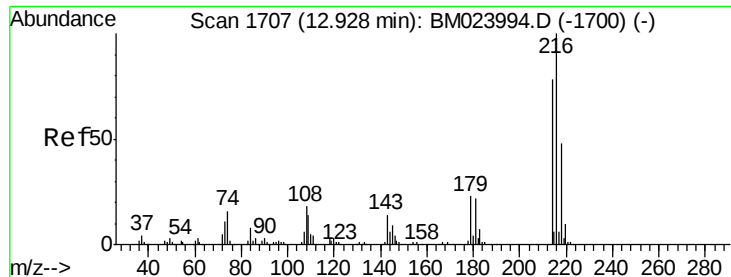
216 100

214 79.1 63.0 94.6

179 21.9 18.1 27.1

108 17.5 13.4 20.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 29.090 ng/uL

RT: 12.93 min Scan# 1707

Delta R.T. -0.00 min

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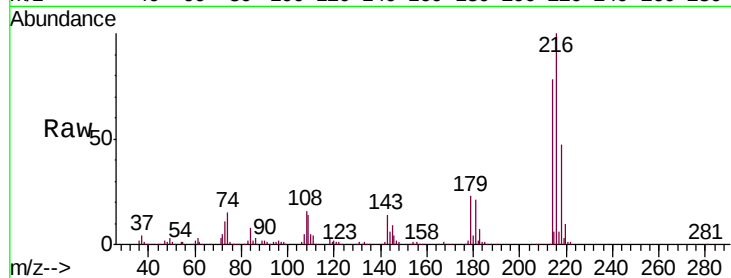
Tgt Ion:216 Resp: 709649

Ion Ratio Lower Upper

216 100

214 77.7 62.7 94.1

218 47.5 38.0 57.0



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

