

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092018\
 Data File : BM016817.D
 Acq On : 20 Sep 2018 10:15
 Operator : SJ/JU
 Sample : J4896-14DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 02:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 21 02:02:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	250593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1031150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	550453	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1213715	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1336060	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1396426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14890	2.54	ng/uL	0.00
5) Phenol-d5	6.89	99	258594	12.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	171124	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	226306	13.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	210587	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	102470	15.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	92392	15.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	198033	12.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	266388	14.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	594356	13.45	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	687086	12.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	82826	11.42	ng/ul	0.00
58) Fluorene-d10	15.36	176	527335	13.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	51451	10.33	ng/ul	0.00
71) Anthracene-d10	17.20	188	803829	13.73	ng/ul	0.00
79) Pyrene-d10	19.50	212	910983	14.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1015896	13.95	ng/ul	0.00

Target Compounds

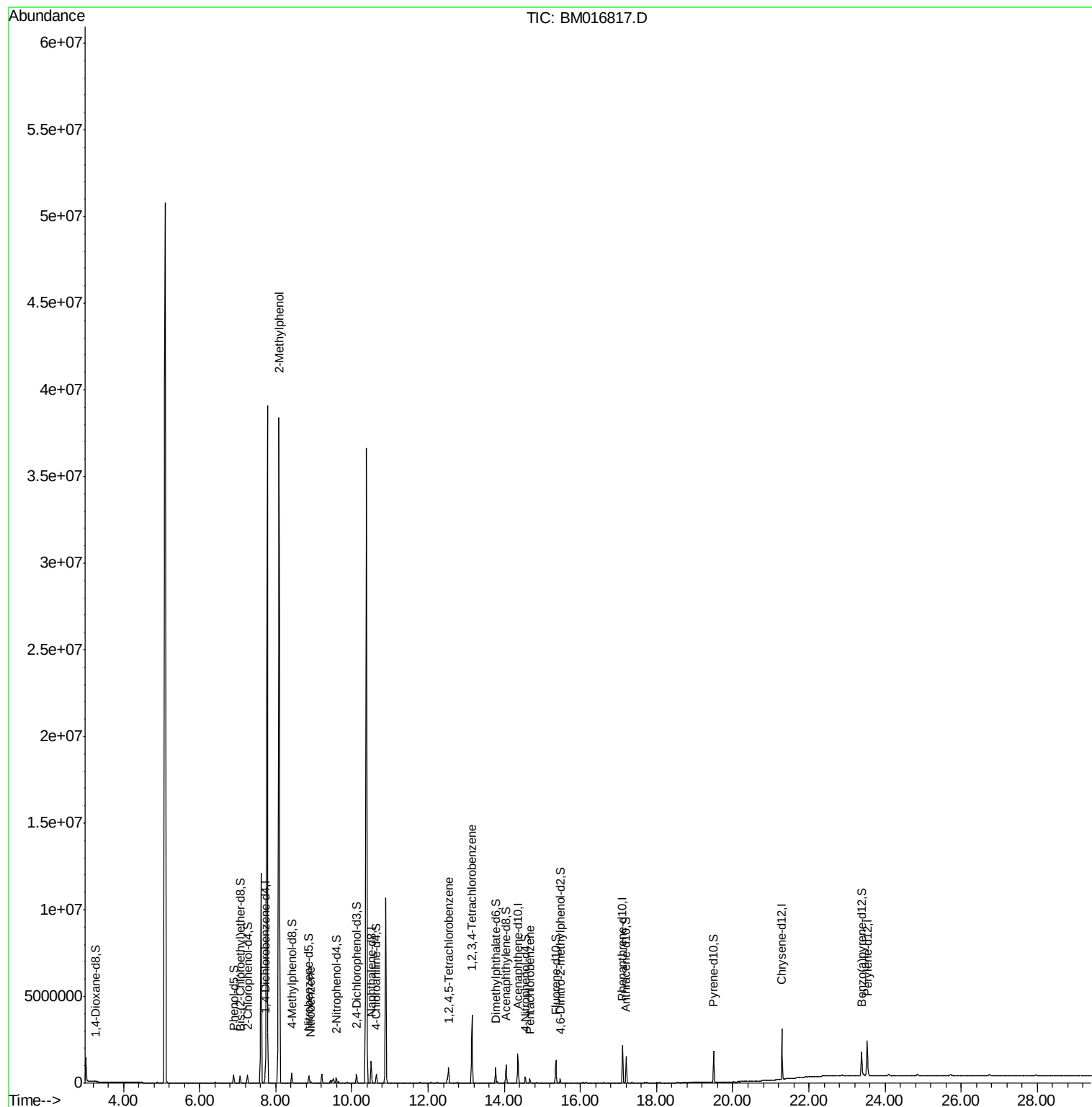
					Ovalue
11) 2-Methylphenol	8.09	108	142511	9.012	ng/ul 99
20) Nitrobenzene	8.91	77	41600	2.427	ng/ul 94
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	296324	15.675	ng/ul 98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1228995	61.181	ng/uL 98
74) Pentachlorobenzene	14.67	250	65263	3.602	ng/uL 98

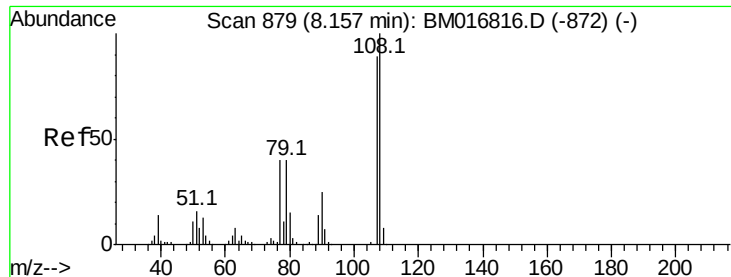
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 9.012 ng/ul

RT: 8.09 min Scan# 867

Delta R.T. -0.07 min

Lab File: BM016817.D

Acq: 20 Sep 2018 10:15

Instrument :

BNA_M

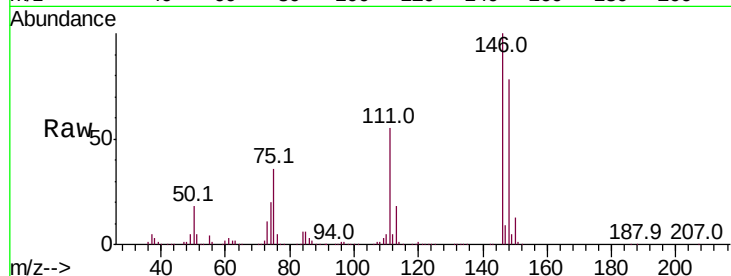
ClientSampled :

Tot Ion:108 Resp: 142511

Ion Ratio Lower Upper

108 100

107 91.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.09

80000

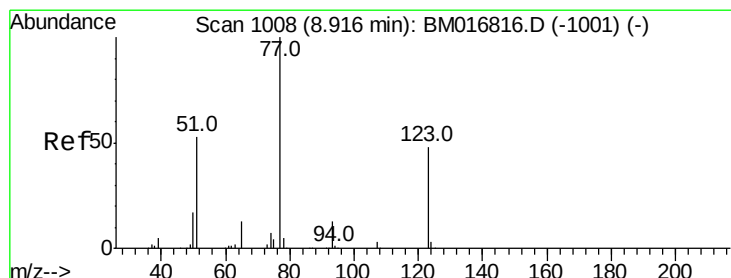
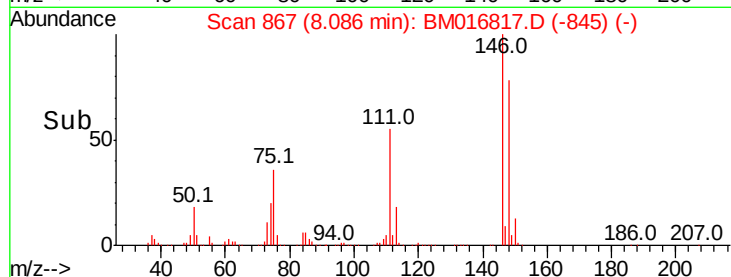
60000

40000

20000

0

Time--> 8.00 8.05 8.10 8.15



#20

Nitrobenzene

Concen: 2.427 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BM016817.D

Acq: 20 Sep 2018 10:15

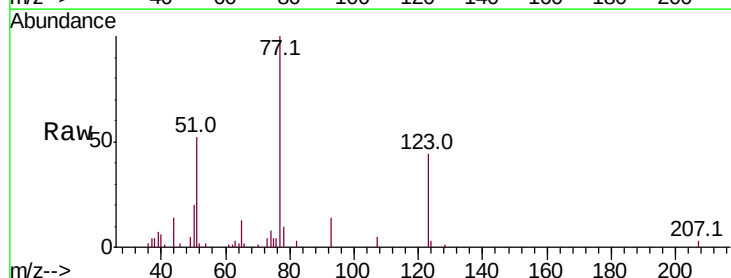
Tgt Ion: 77 Resp: 41600

Ion Ratio Lower Upper

77 100

123 44.4 31.8 47.8

65 13.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

8.91

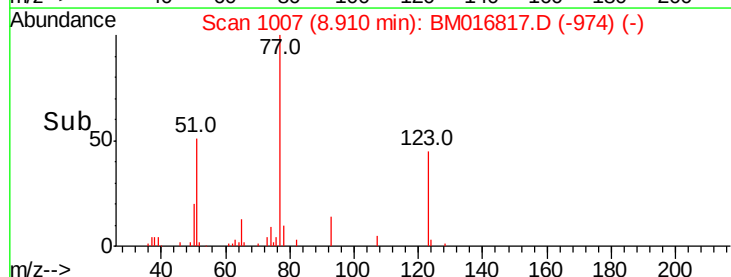
30000

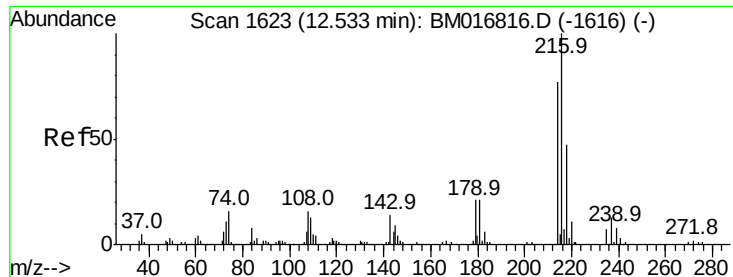
20000

10000

0

Time--> 8.85 8.90 8.95

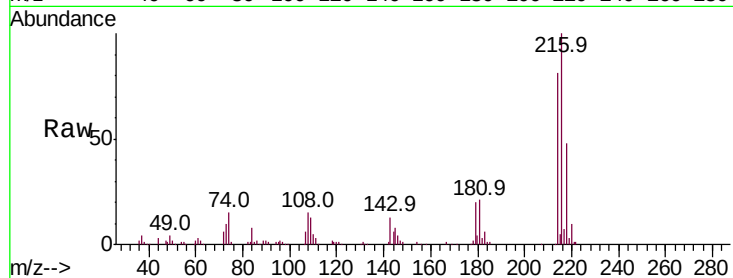




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.675 ng/uL
 RT: 12.53 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BM016817.D
 Acq: 20 Sep 2018 10:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	216	Resp:	296324
Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
179	20.3	14.5	21.7
108	15.5	10.4	15.6



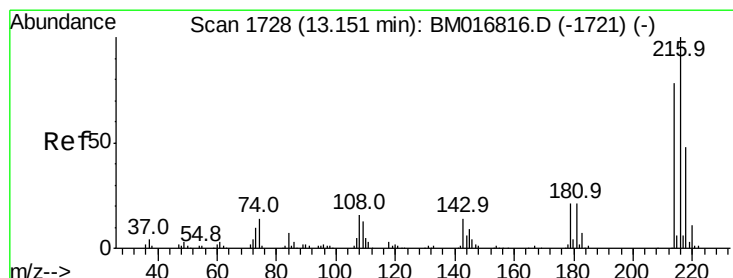
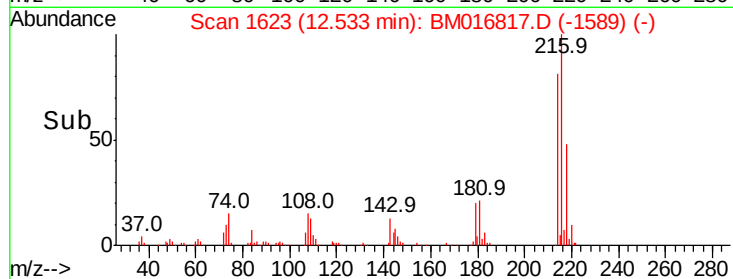
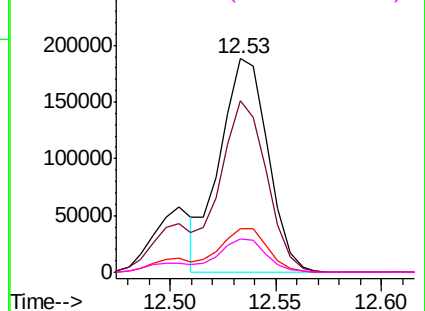
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

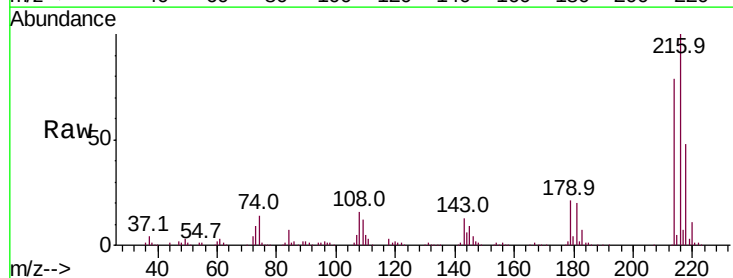
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 61.181 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM016817.D
 Acq: 20 Sep 2018 10:15

Tgt Ion:	216	Resp:	1228995
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.1	96.1
218	47.7	39.4	59.0

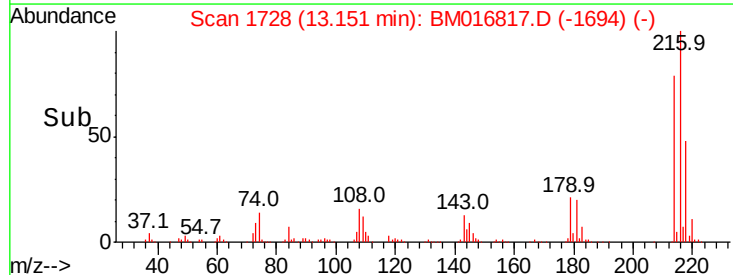
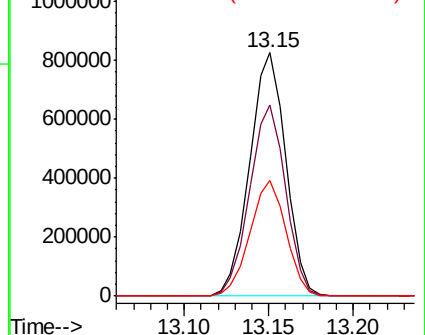


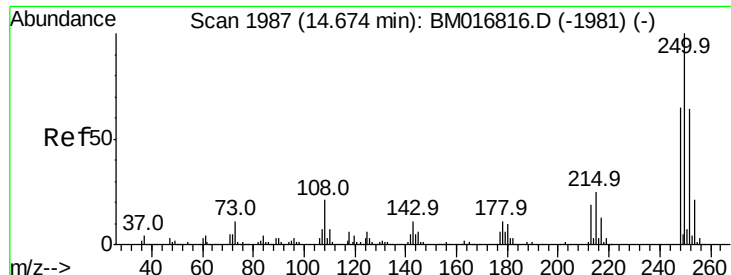
Abundance

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





#74

Pentachlorobenzene

Concen: 3.602 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016817.D

Acq: 20 Sep 2018 10:15

Instrument :

BNA_M

ClientSampleId :

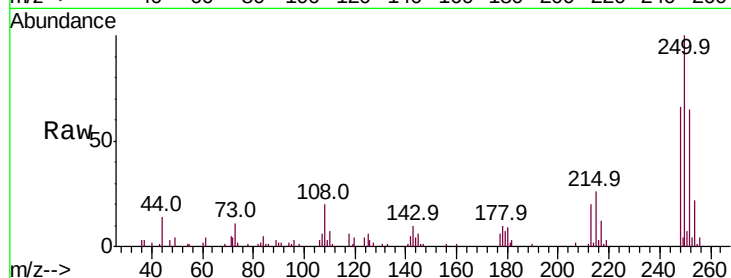
Tot Ion:250 Resp: 65263

Ion Ratio Lower Upper

250 100

248 65.5 51.4 77.2

252 64.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

