

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004647.D
 Acq On : 16 Mar 2016 22:20
 Operator : UM/SJ
 Sample : H1783-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Quant Time: Mar 17 02:13:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	66473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	292059	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	164748	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	387580	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	463276	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	461925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1877	0.97	ng/uL	0.00
5) Phenol-d5	7.00	99	35723	6.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	111265	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	119784	27.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	69887	15.87	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	69298	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	74468	33.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	132905	30.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	2961	0.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	459080	35.65	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	575476	36.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	10040	4.03	ng/ul	0.00
58) Fluorene-d10	15.47	176	420995	37.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	53012	26.03	ng/ul	0.00
71) Anthracene-d10	17.32	188	664913	37.26	ng/ul	0.00
79) Pyrene-d10	19.61	212	775872	36.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	846330	41.02	ng/ul	0.00

Target Compounds

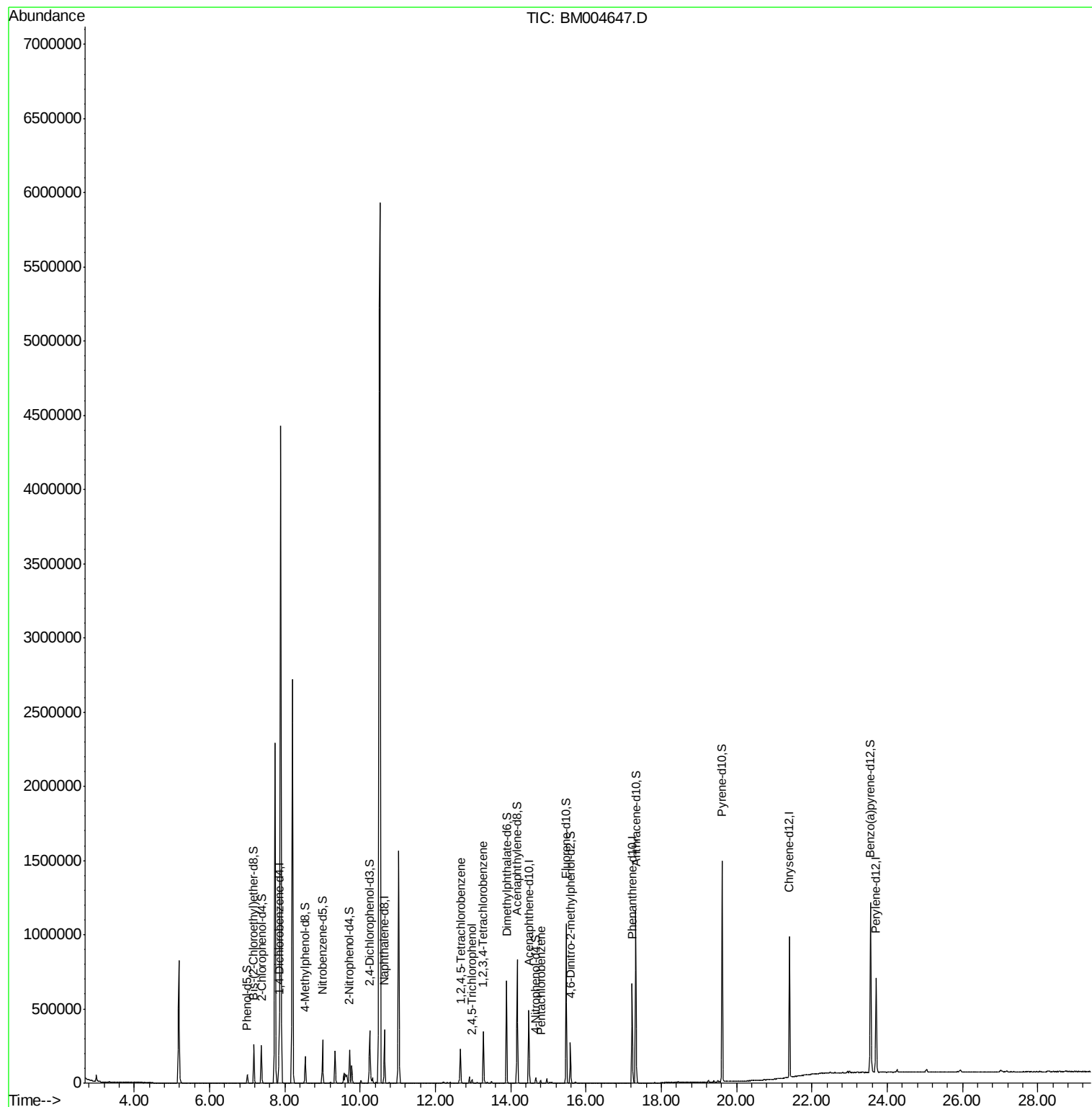
						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	77133	14.66	ng/ul	98
40) 2,4,5-Trichlorophenol	12.97	196	7308	1.95	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	103639	19.44	ng/uL	99
74) Pentachlorobenzene	14.79	250	6570	1.28	ng/uL	97

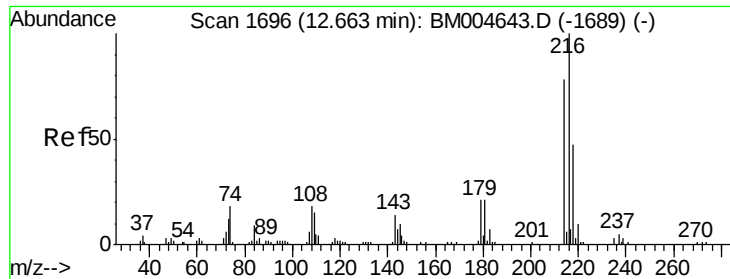
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004647.D
Acq On : 16 Mar 2016 22:20
Operator : UM/SJ
Sample : H1783-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4

Quant Time: Mar 17 02:13:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration





#37

1,2,4,5-Tetrachlorobenzene

Concen: 14.66 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BM004647.D

Acq: 16 Mar 2016 22:20

Instrument :

BNA_M

ClientSampleId :

C0AC4

Tgt Ion:216 Resp: 77133

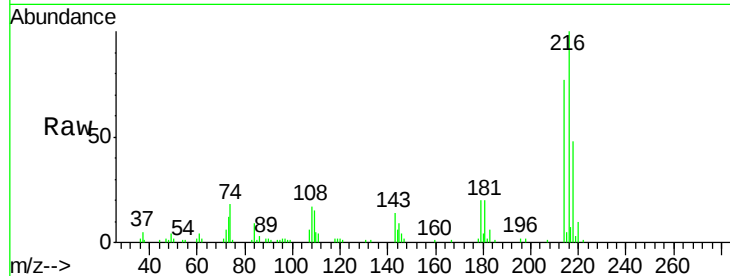
Ion Ratio Lower Upper

216 100

214 76.8 62.5 93.7

179 20.2 18.2 27.2

108 17.2 14.2 21.2

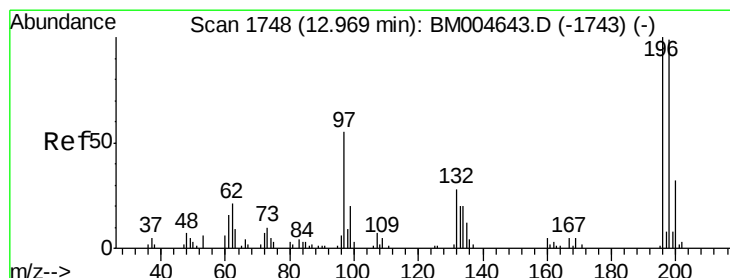
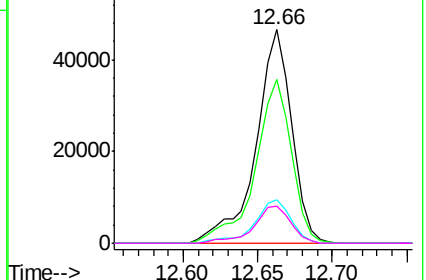
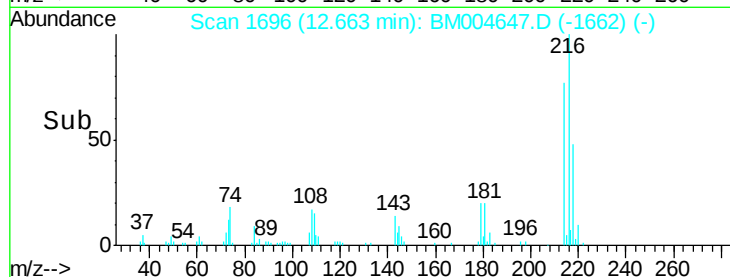


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

2,4,5-Trichlorophenol

Concen: 1.95 ng/ul

RT: 12.97 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BM004647.D

Acq: 16 Mar 2016 22:20

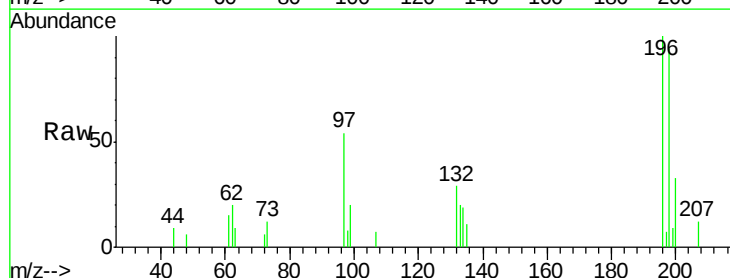
Tgt Ion:196 Resp: 7308

Ion Ratio Lower Upper

196 100

198 93.9 76.9 115.3

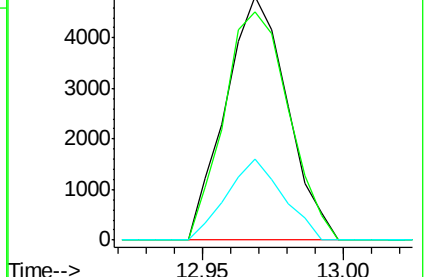
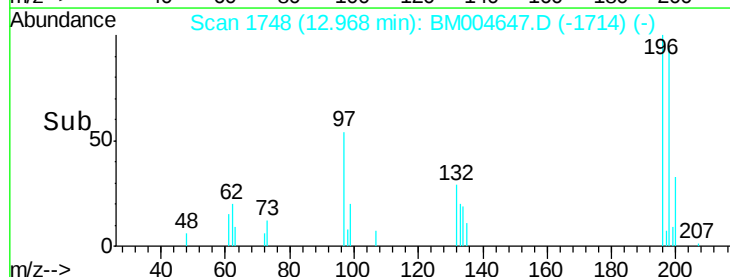
200 33.3 25.0 37.4

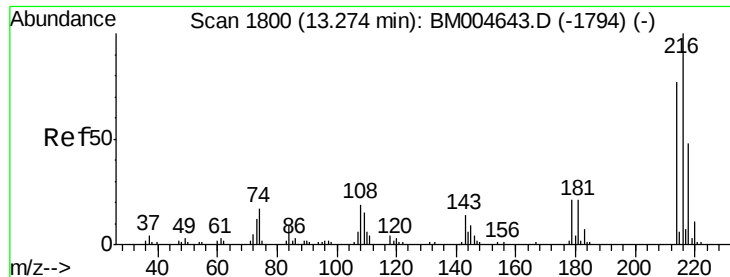


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

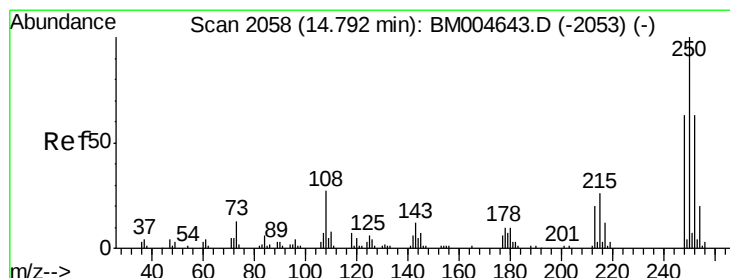
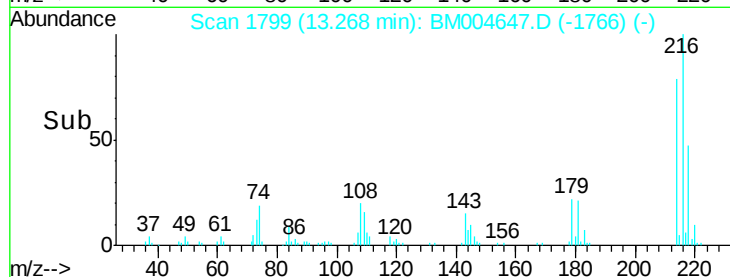
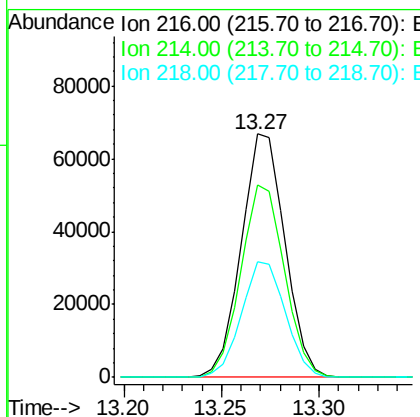
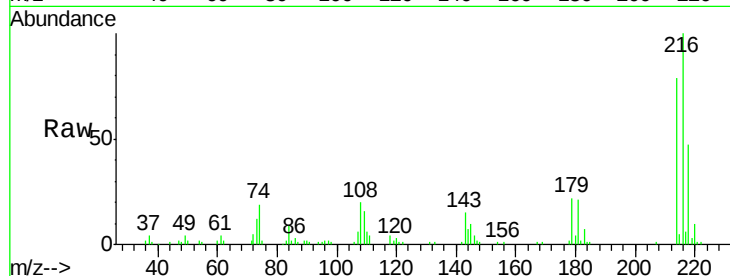




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.44 ng/uL
 RT: 13.27 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM004647.D
 Acq: 16 Mar 2016 22:20

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Tgt Ion:216 Resp: 103639
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.5 93.7
 218 47.5 38.4 57.6



#74
 Pentachlorobenzene
 Concen: 1.28 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM004647.D
 Acq: 16 Mar 2016 22:20

Tgt Ion:250 Resp: 6570
 Ion Ratio Lower Upper
 250 100
 248 66.1 50.6 75.8
 252 62.0 51.4 77.0

