

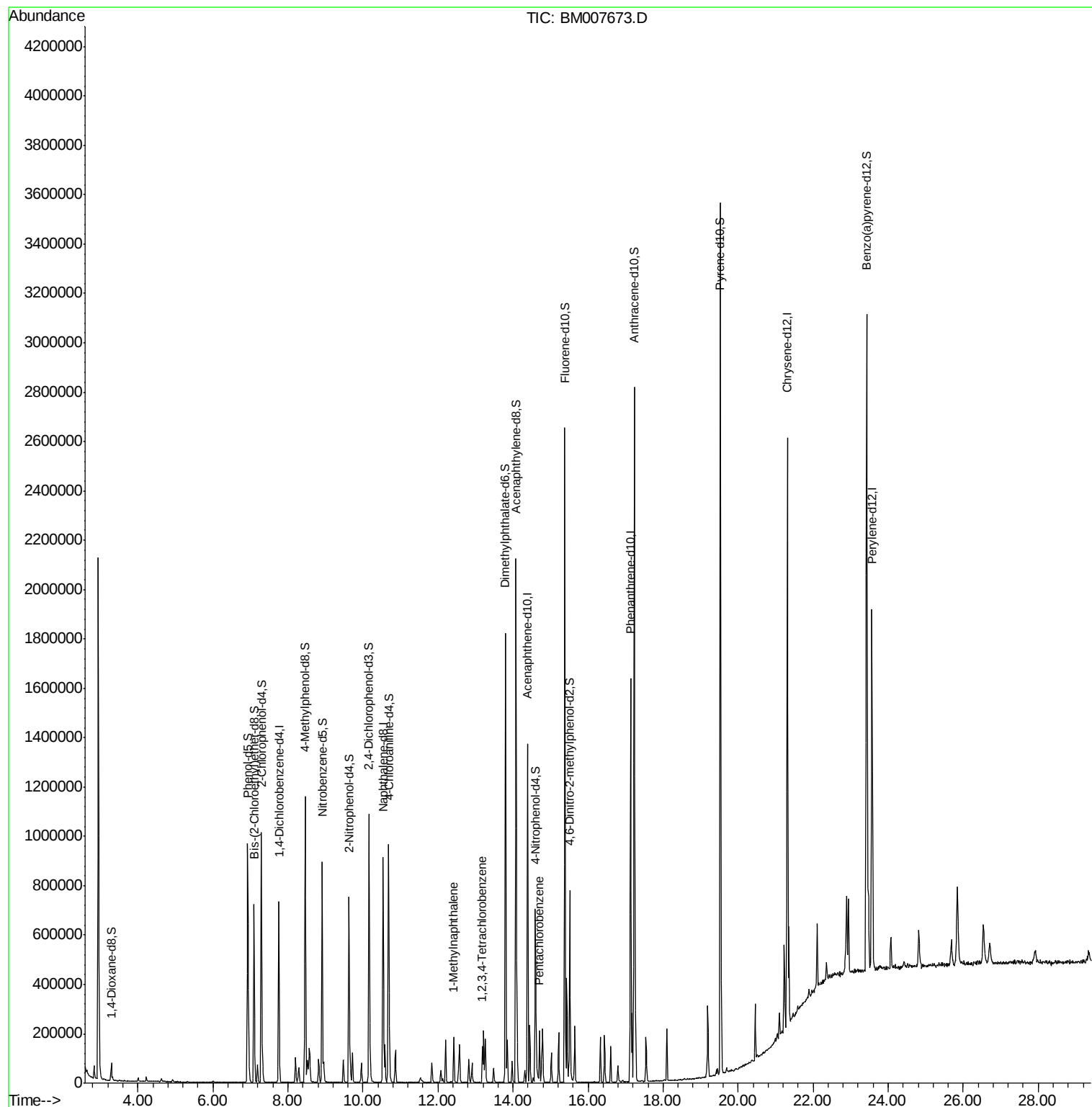
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007673.D
Acq On : 19 Oct 2016 15:55
Operator : UM/SJ
Sample : MDL-02-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

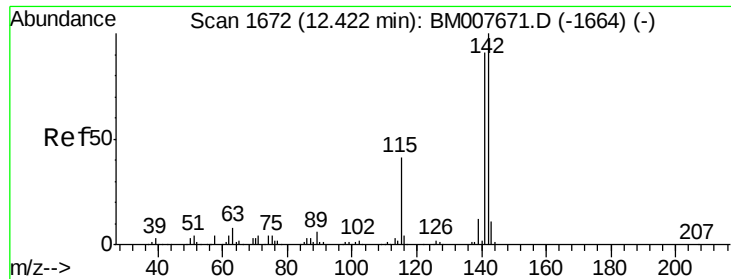
Instrument :
BNA_M
ClientSampleId :
MDL-02-S

Quant Time: Oct 19 17:41:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

Manual Integrations
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#12

1-Methylnaphthalene

Concen: 3.30 ng/uL

RT: 12.42 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BM007673.D

Acq: 19 Oct 2016 15:55

Instrument :

BNA_M

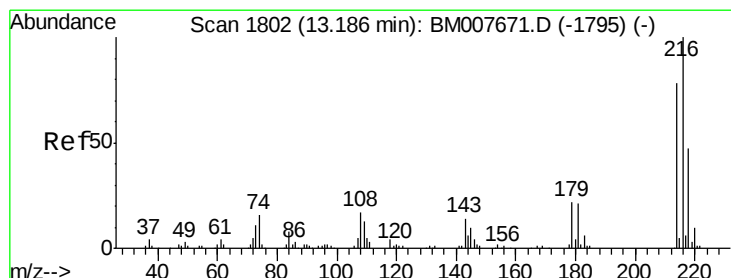
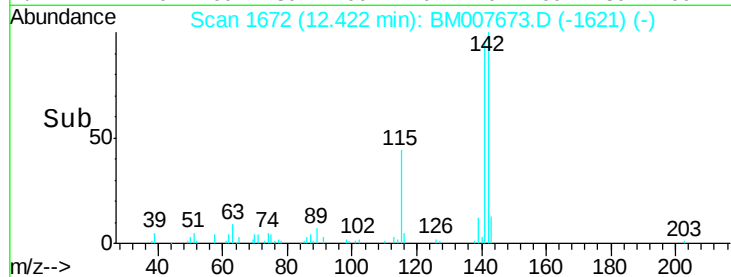
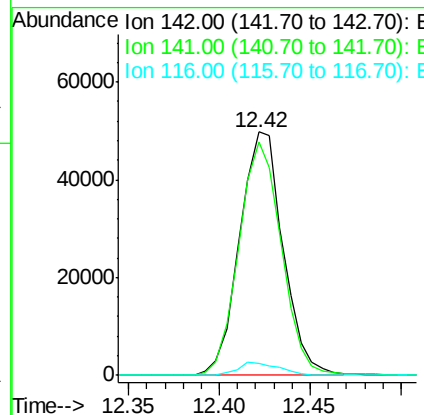
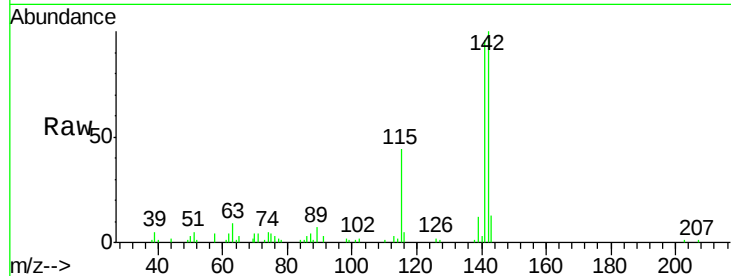
ClientSampleId :

MDL-02-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	74.9	112.3
116	4.9	3.1	4.7#

Manual Integrations
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#21

1,2,3,4-Tetrachlorobenzene

Concen: 3.63 ng/uL

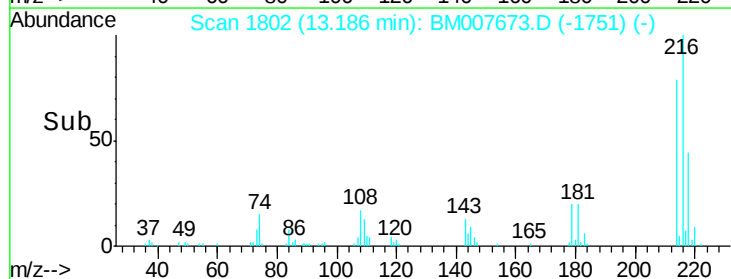
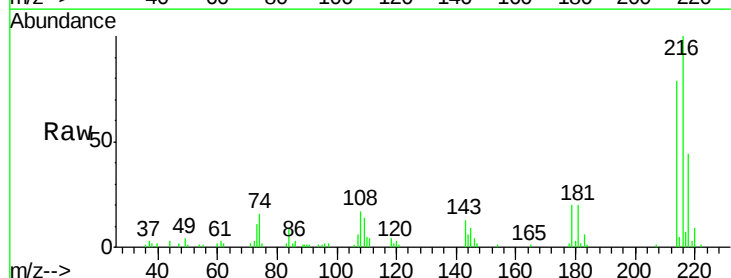
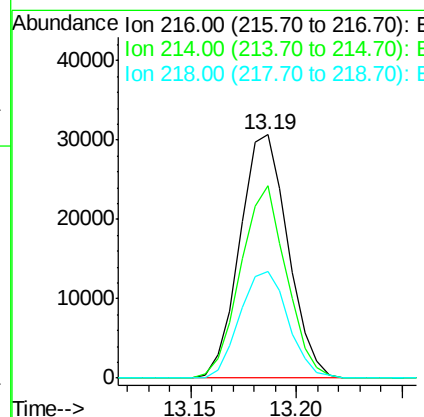
RT: 13.19 min Scan# 1802

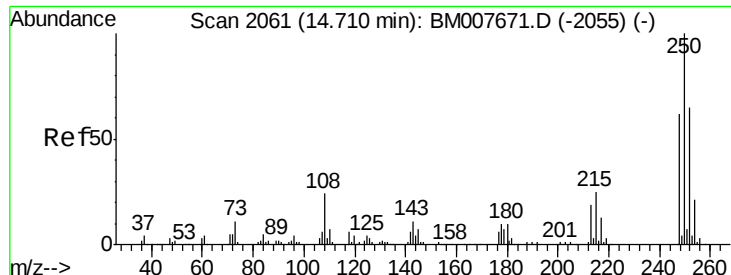
Delta R.T. -0.00 min

Lab File: BM007673.D

Acq: 19 Oct 2016 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.5	93.7
218	43.8	38.4	57.6





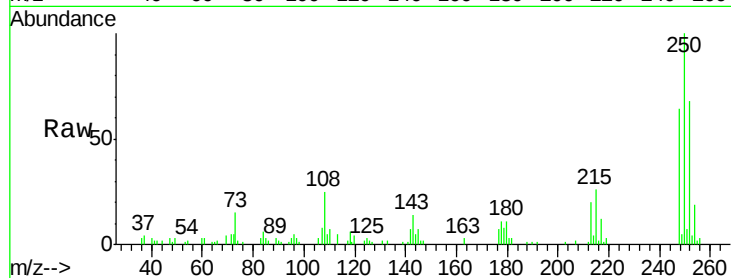
#22
 Pentachlorobenzene
 Concen: 3.70 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BM007673.D
 Acq: 19 Oct 2016 15:55

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Lower	Upper
250	100		
248	64.2	50.6	75.8
252	68.4	51.4	77.0

Manual Integrations
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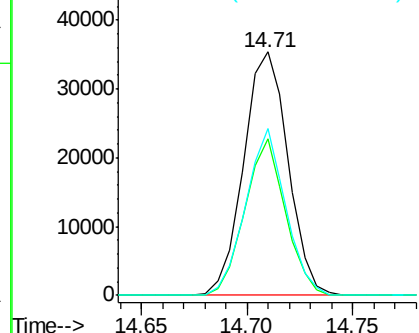
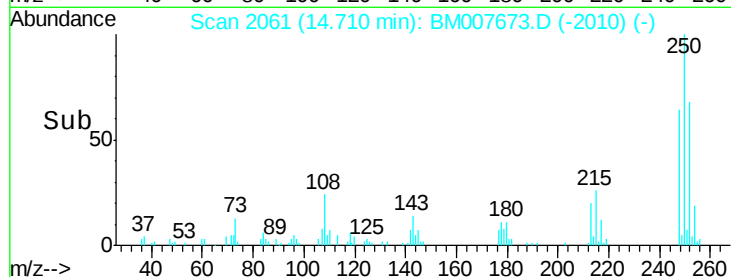


Abundance

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



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 Operator : UM/SJ
 Sample : MDL-02-S
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S

Manual Integrations
 APPROVED

umangi
 10/20/2016 5:04:20 PM

Quant Time: Oct 19 17:41:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 14:54:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	193235	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	731227	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	467328	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	916943	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1153944	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1150630	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	36016	7.95	ng/uL	0.00
3) Phenol-d5	6.93	99	535583	35.77	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	322196	36.31	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	430230	37.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	418069	35.53	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	198753	38.48	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	224015	39.74	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	400978	36.14	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	507761	40.33	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1203606	36.92	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1457170	38.13	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	172842	32.24	ng/ul	0.00
17) Fluorene-d10	15.38	176	1035283	36.80	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	182412	32.83	ng/ul	0.00
20) Anthracene-d10	17.23	188	1531046	36.73	ng/ul	0.00
24) Pyrene-d10	19.53	212	1796887	38.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1902962	37.97	ng/ul	0.00

Target Compounds					Qvalue
12) 1-Methylnaphthalene	12.42	142	83005m	3.30	ng/ul
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	48462	3.63	ng/uL 97
22) Pentachlorobenzene	14.71	250	51631	3.70	ng/uL 97

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