

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009232.D
 Acq On : 13 Mar 2017 23:45
 Operator : SJ/MA
 Sample : I2181-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ2

Manual Integrations
 APPROVED

mohammad
 3/15/2017 4:04:40 PM

Quant Time: Mar 14 05:19:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	109545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	506105	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	363645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	999726	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1450393	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1487064	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	13949	5.61	ng/uL	0.00
5) Phenol-d5	7.03	99	67445	5.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	264526	34.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	186129	25.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	133786	14.15	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	128790	35.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	139368	34.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	263831	30.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	3773m	0.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1196670	43.33	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1344675	42.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	30841	5.63	ng/ul	0.00
57) Fluorene-d10	15.51	176	1076586	43.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	187916	31.42	ng/ul	0.00
70) Anthracene-d10	17.36	188	1873379	39.59	ng/ul	0.00
78) Pyrene-d10	19.66	212	2288332	39.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2601694	38.24	ng/ul	0.00

Target Compounds

						Ovalue
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	51306	4.69	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	527190	44.89	ng/uL	99
73) Pentachlorobenzene	14.83	250	53834	4.27	ng/uL	96

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

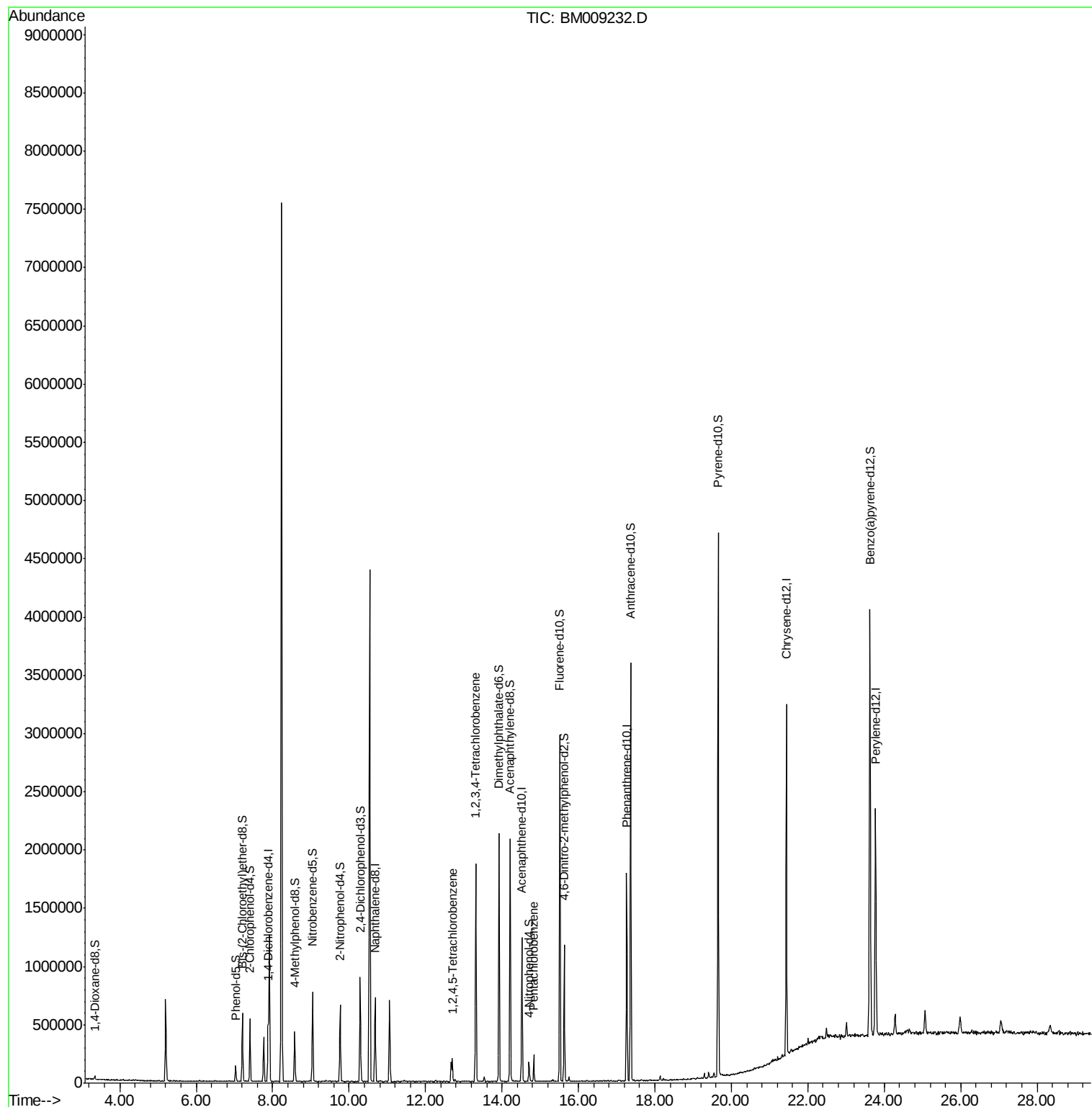
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009232.D
Acq On : 13 Mar 2017 23:45
Operator : SJ/MA
Sample : I2181-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

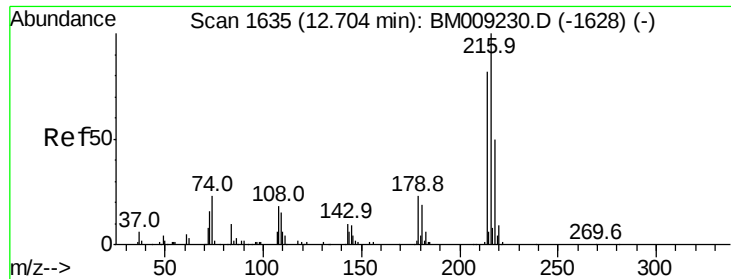
Instrument :
BNA_M
ClientSampleId :
C0BJ2

Manual Integrations
APPROVED

mohammad
3/15/2017 4:04:40 PM

Quant Time: Mar 14 05:19:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration





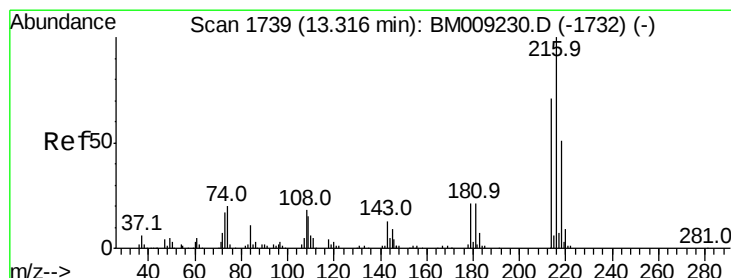
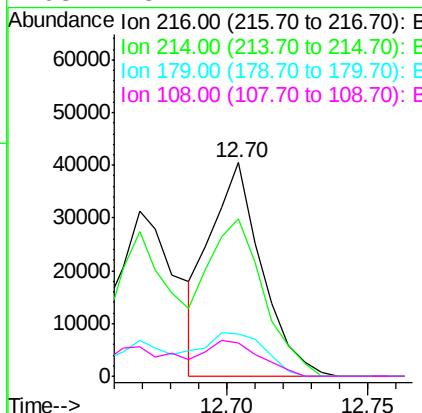
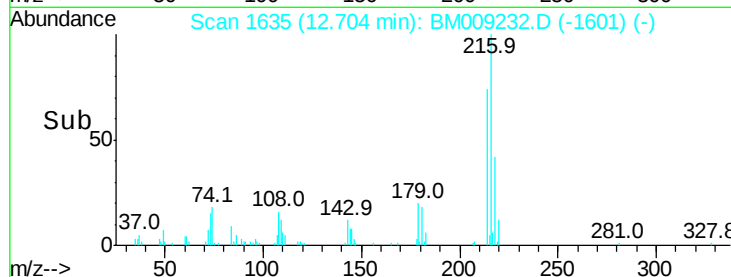
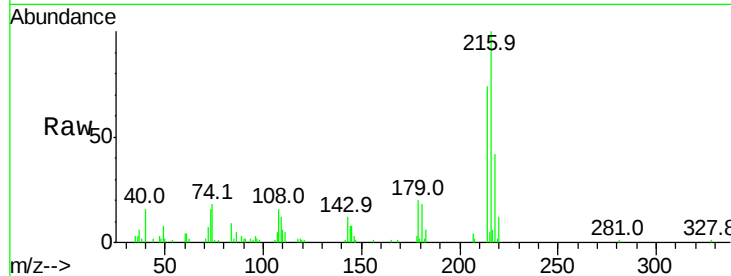
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.69 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM009232.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_M
 ClientSampled :
 C0BJ2

Tot Ion:	216	Resp:	51306
Ion Ratio	Lower	Upper	
216	100		
214	73.8	62.5	93.7
179	19.6	18.2	27.2
108	15.7	14.2	21.2

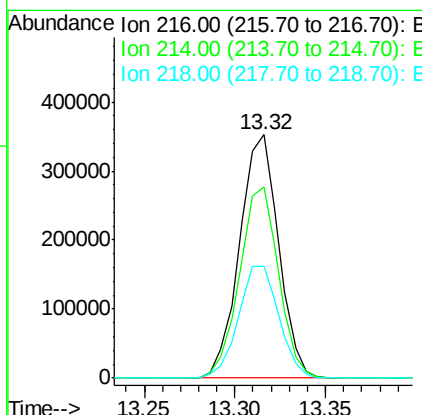
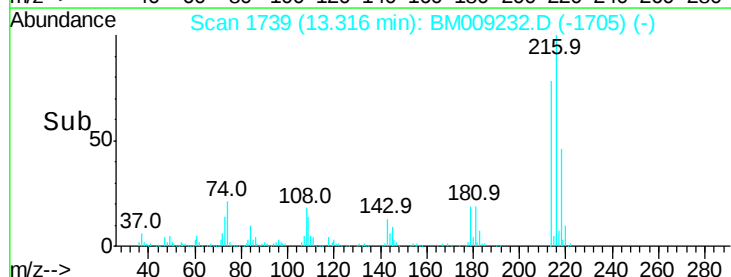
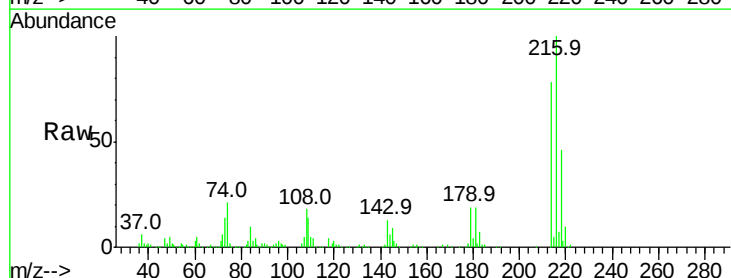
Manual Integrations
 APPROVED

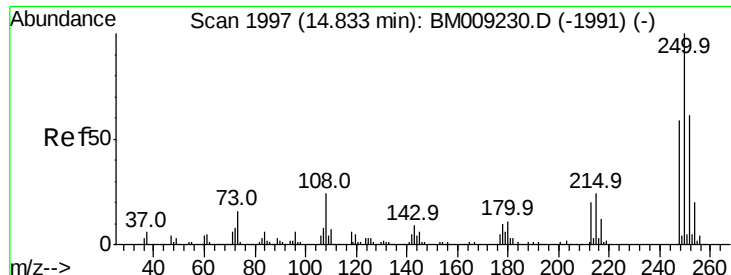
mohammad
 3/15/2017 4:04:40 PM



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 44.89 ng/uL
 RT: 13.32 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BM009232.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:	216	Resp:	527190
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.5	93.7
218	45.9	38.4	57.6





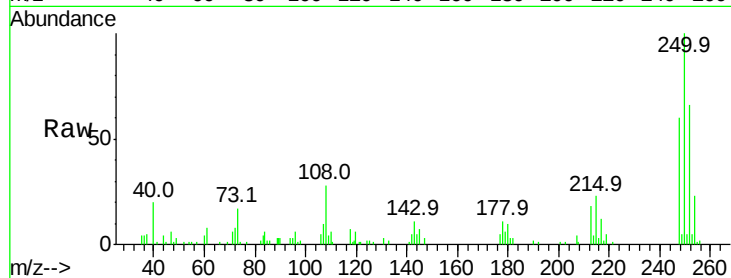
#73
 Pentachlorobenzene
 Concen: 4.27 ng/uL
 RT: 14.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BM009232.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ2

Tot Ion	Ratio	Lower	Upper
250	100		
248	59.8	50.6	75.8
252	66.4	51.4	77.0

Manual Integrations
 APPROVED

mohammad
 3/15/2017 4:04:40 PM



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

