

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012435.D
 Acq On : 25 Oct 2017 02:03
 Operator : SJ/JU
 Sample : I5978-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 TWP-B-9

Manual Integrations
 APPROVED

Sohil
 10/25/2017 3:36:10 PM

Quant Time: Oct 25 12:02:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	610048	20.00	ng/ul	0.02
18) Naphthalene-d8	10.70	136	2306156	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.54	164	1211514	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.25	188	2556879	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2280197	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2040758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	90257m	7.56	ng/uL	0.05
5) Phenol-d5	7.25	99	1382609m	27.13	ng/ul	0.21
7) Bis-(2-Chloroethyl)ether-d	7.24	67	726959	24.03	ng/ul	0.03
9) 2-Chlorophenol-d4	7.47	132	863786m	22.63	ng/ul	0.05
13) 4-Methylphenol-d8	8.70	113	795649m	18.27	ng/ul	0.12
19) Nitrobenzene-d5	9.06	128	427200	29.58	ng/ul	0.02
22) 2-Nitrophenol-d4	9.79	143	420991	28.29	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.40	165	1032073m	26.19	ng/ul	0.11
29) 4-Chloroaniline-d4	10.83	131	1087	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.96	166	2858576	27.01	ng/ul	0.04
46) Acenaphthylene-d8	14.24	160	3556352	28.41	ng/ul	0.04
51) 4-Nitrophenol-d4	14.72	143	156269	9.93	ng/ul	0.02
57) Fluorene-d10	15.52	176	2392957	26.71	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	83602	6.76	ng/ul	0.01
70) Anthracene-d10	17.35	188	3459406	28.39	ng/ul	0.00
76) Pyrene-d10	19.63	212	3564225	34.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2760891	28.48	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.76	128	387412	3.388 ng/ul#	1
49) Acenaphthene	14.60	153	281386	3.438 ng/ul	97
58) Fluorene	15.57	166	197445	1.928 ng/ul	98
68) Pentachlorophenol	16.90	266	34670	1.871 ng/ul	90
69) Phenanthrene	17.29	178	729702	5.277 ng/ul	99
74) Fluoranthene	19.30	202	332893	2.125 ng/ul#	92
77) Pyrene	19.66	202	339896	2.621 ng/ul#	93

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

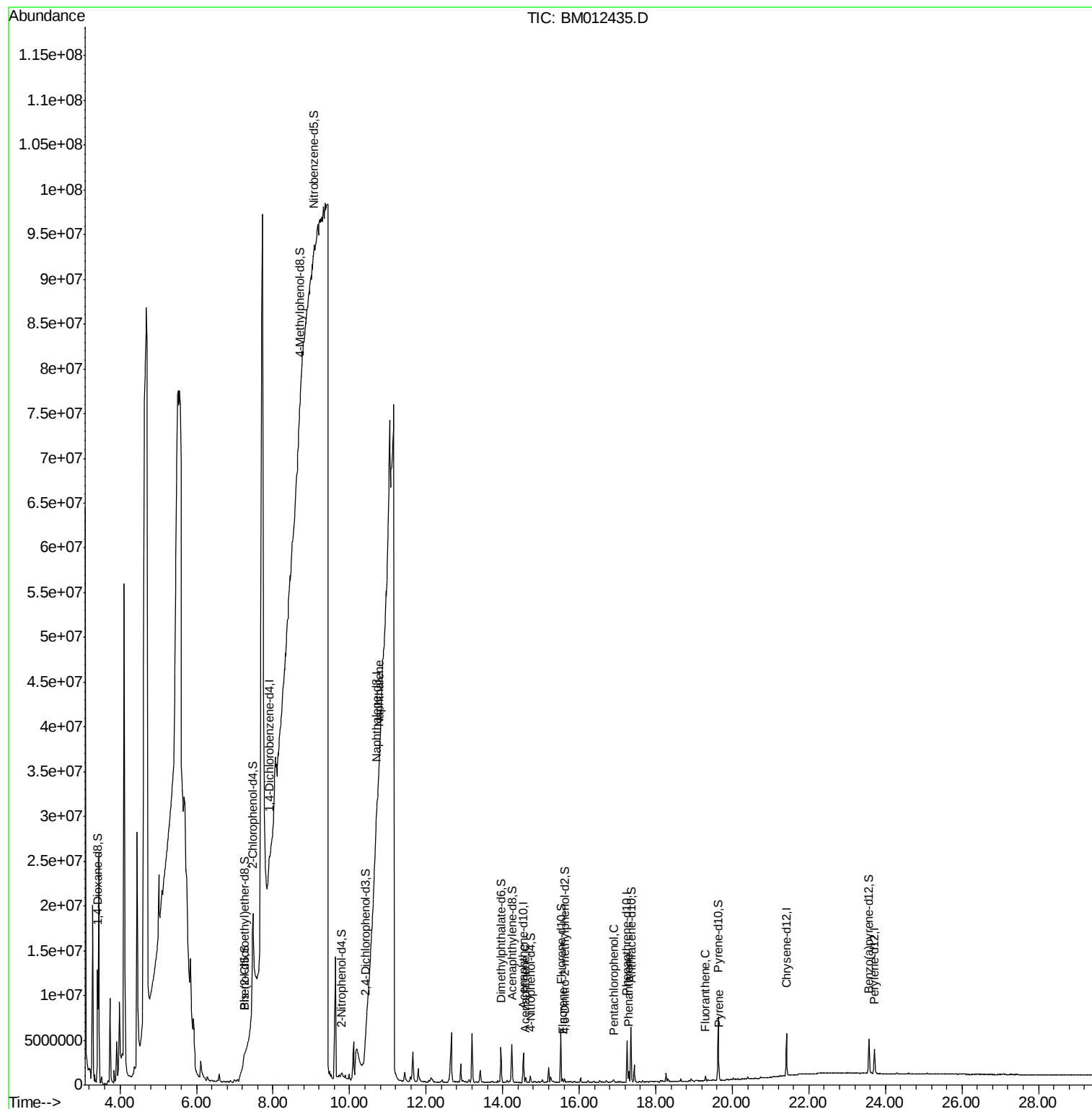
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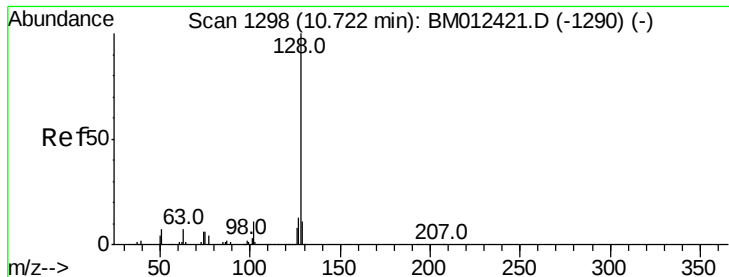
Instrument :
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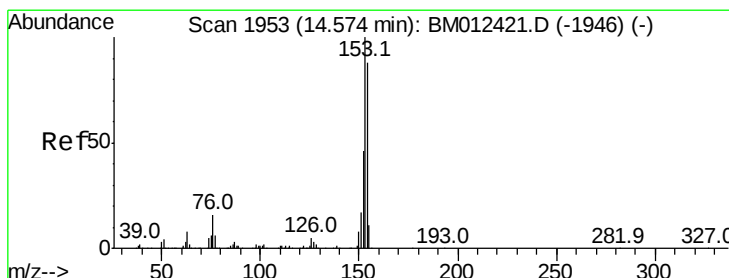
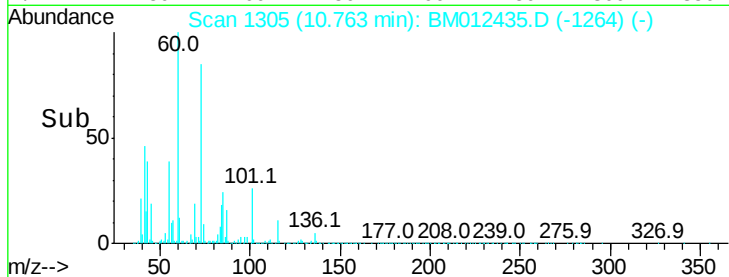
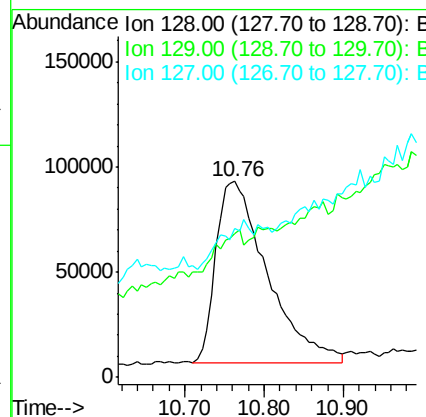
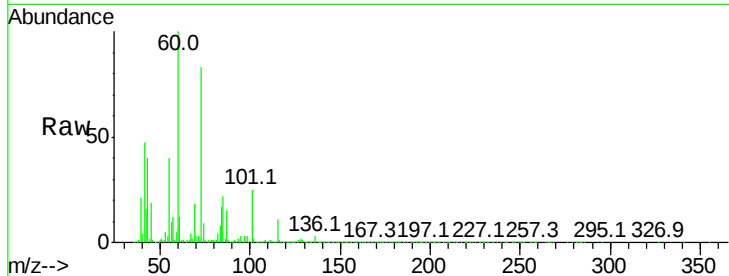
#28
Naphthalene
Concen: 3.388 ng/ul
RT: 10.76 min Scan# 1305
Delta R.T. 0.04 min
Lab File: BM012435.D
Acq: 25 Oct 2017 02:03

Instrument :
BNA_M
ClientSampled :
TWP-B-9

Tot Ion	Ratio	Lower	Upper
128	100		
129	73.6	8.8	13.2#
127	76.1	10.6	16.0#

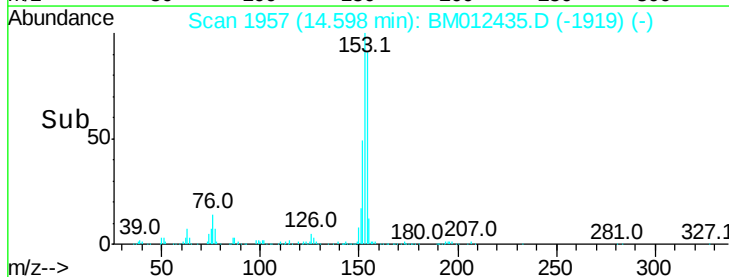
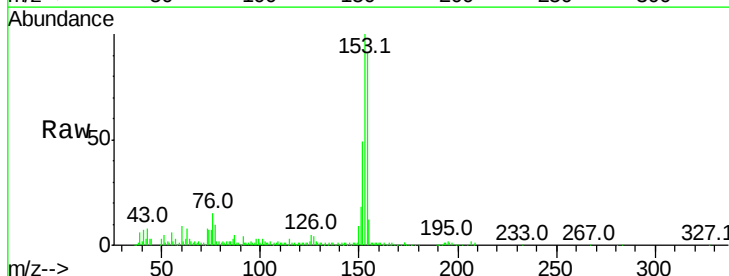
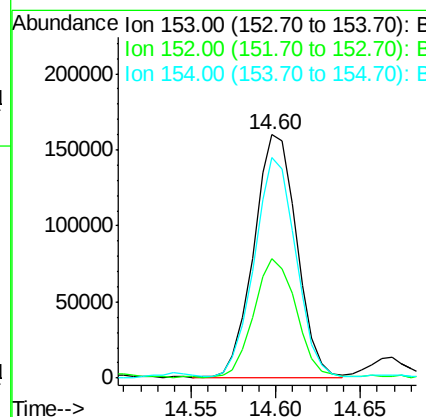
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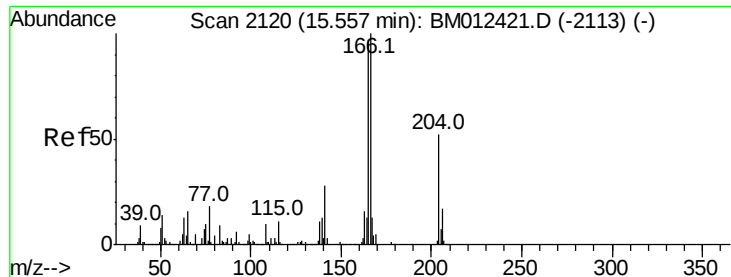
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#49
Acenaphthene
Concen: 3.438 ng/ul
RT: 14.60 min Scan# 1957
Delta R.T. 0.02 min
Lab File: BM012435.D
Acq: 25 Oct 2017 02:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	90.7	70.4	105.6





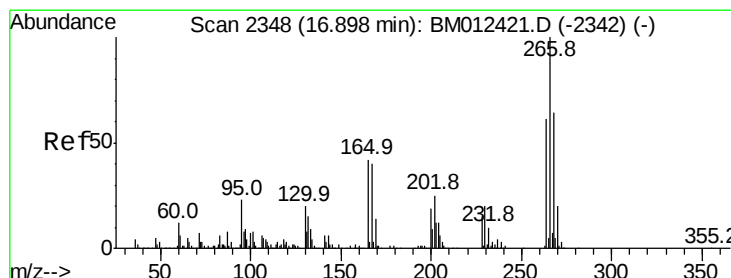
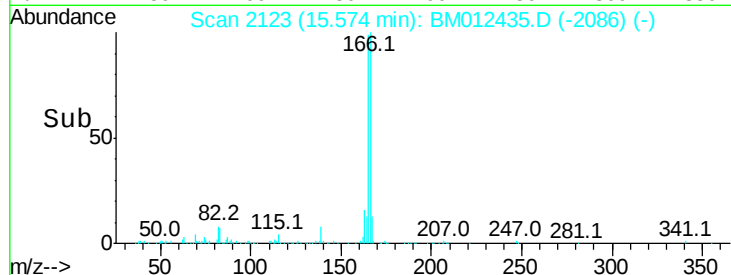
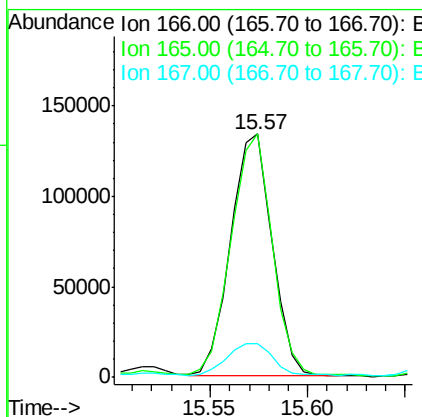
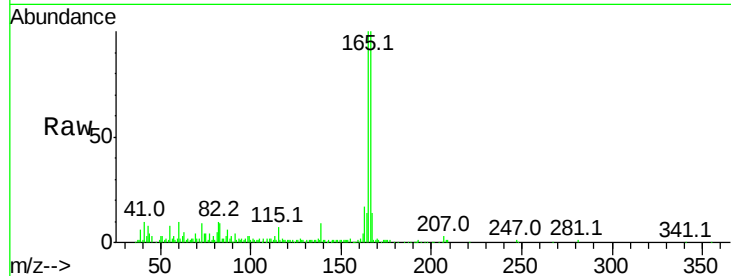
#58
 Fluorene
 Concen: 1.928 ng/ul
 RT: 15.57 min Scan# 2123
 Delta R.T. 0.02 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-9

Tot Ion	Ratio	Resp	Lower	Upper
166	100	197445		
165	99.9	77.9	116.9	
167	14.0	10.6	16.0	

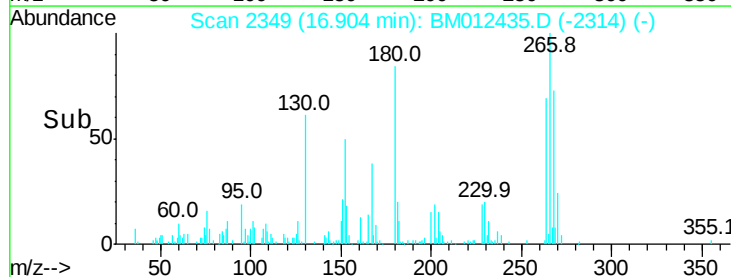
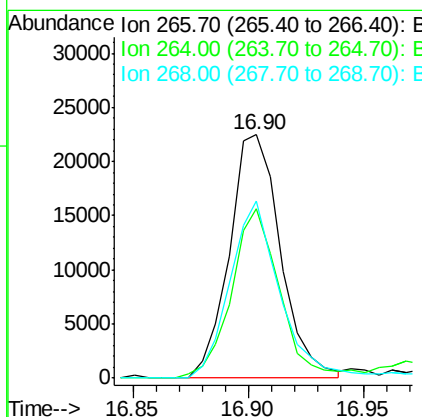
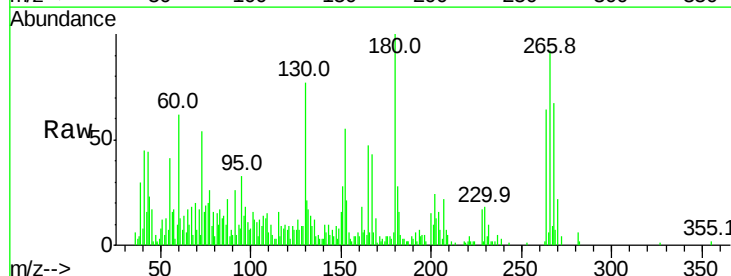
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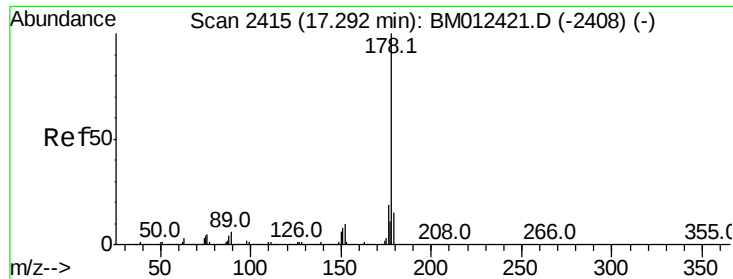
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#68
 Pentachlorophenol
 Concen: 1.871 ng/ul
 RT: 16.90 min Scan# 2349
 Delta R.T. 0.01 min
 Lab File: BM012435.D
 Acq: 25 Oct 2017 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	34670		
264	69.4	49.3	73.9	
268	72.9	52.6	78.8	





#69

Phenanthrene

Concen: 5.277 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Instrument :

BNA_M

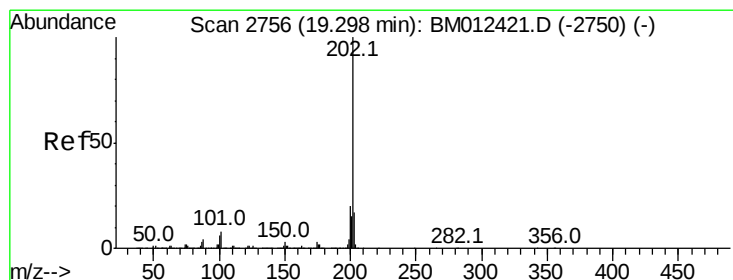
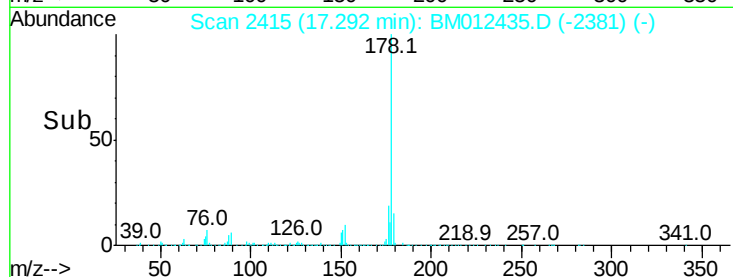
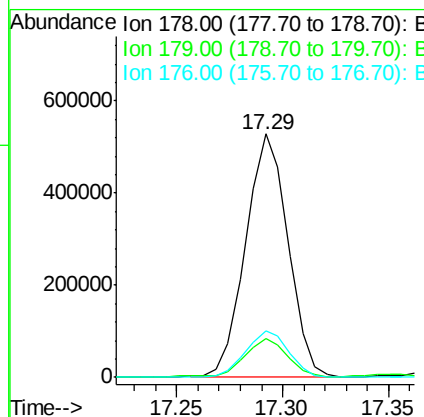
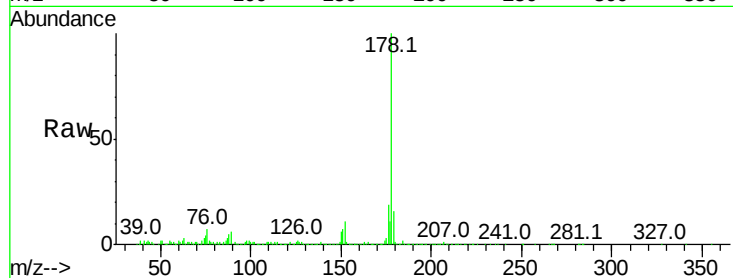
ClientSampleId :

TWP-B-9

Tot Ion:	178	Resp:	729702
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	19.1	14.9	22.3

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#74

Fluoranthene

Concen: 2.125 ng/ul

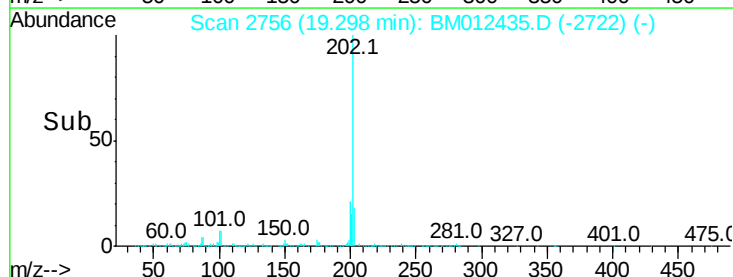
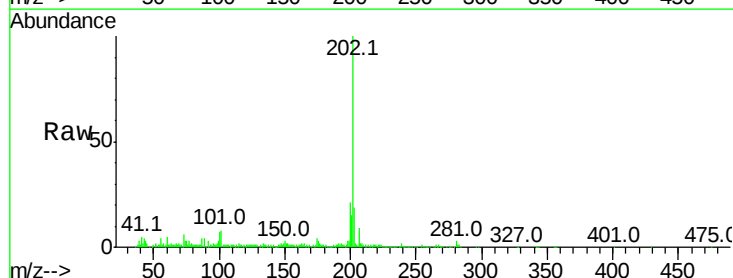
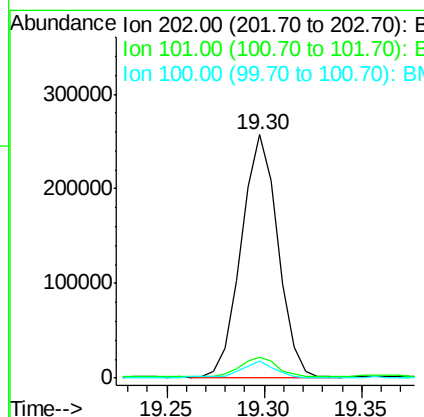
RT: 19.30 min Scan# 2756

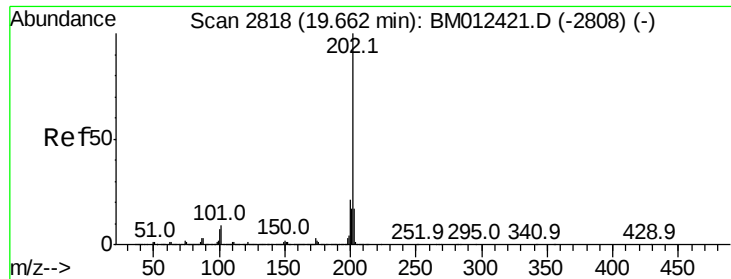
Delta R.T. 0.00 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Tgt Ion:	202	Resp:	332893
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	6.8	3.4	5.2#





#77

Pvrene

Concen: 2.621 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012435.D

Acq: 25 Oct 2017 02:03

Instrument :

BNA_M

ClientSampleId :

TWP-B-9

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	8.2	5.1	7.7#	
100	8.7	4.9	7.3#	

Manual Integrations
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