

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012602.D
 Acq On : 31 Oct 2017 09:33
 Operator : SJ/JU
 Sample : I5786-01DL 25X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(FILL)_100917DL

Manual Integrations
 APPROVED

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 10/31/2017 7:48:15 PM

Quant Time: Oct 31 14:17:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	441274	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.65	136	1652647	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.49	164	958770	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.24	188	2176682	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	2638788	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	3085862	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	1374	0.16	ng/uL	0.00
5) Phenol-d5	7.03	99	28645	0.78	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.19	67	17387	0.79	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.40	132	23503	0.85	ng/ul	-0.02
13) 4-Methylphenol-d8	8.57	113	22793	0.72	ng/ul	-0.02
19) Nitrobenzene-d5	9.02	128	11101	1.07	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.74	143	10533	0.99	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.28	165	21847	0.77	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.79	131	7746	0.26	ng/ul	-0.01
43) Dimethylphthalate-d6	13.90	166	68031	0.81	ng/ul	-0.02
46) Acenaphthylene-d8	14.19	160	82976	0.84	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.70	143	5162	0.41	ng/ul	0.00
57) Fluorene-d10	15.49	176	62376	0.88	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.33	188	103042	0.99	ng/ul	-0.02
76) Pyrene-d10	19.63	212	109775	0.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	131815	0.90	ng/ul	-0.02

Target Compounds

					Ovalue	
69) Phenanthrene	17.28	178	495548	4.210	ng/ul	99
71) Anthracene	17.37	178	139729	1.148	ng/ul	97
74) Fluoranthene	19.29	202	1083421	8.123	ng/ul#	94
77) Pyrene	19.65	202	954748	6.362	ng/ul#	92
80) Benzo(a)anthracene	21.39	228	640272	4.052	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.32	149	1904732	21.176	ng/ul	99
82) Chrysene	21.44	228	578304m	4.116	ng/ul	
85) Benzo(b)fluoranthene	23.02	252	947981	4.970	ng/ul#	94
88) Benzo(a)pyrene	23.61	252	651702	3.583	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.05	276	520777	2.433	ng/ul#	94
91) Benzo(g,h,i)perylene	26.77	276	412872	2.380	ng/ul#	88

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

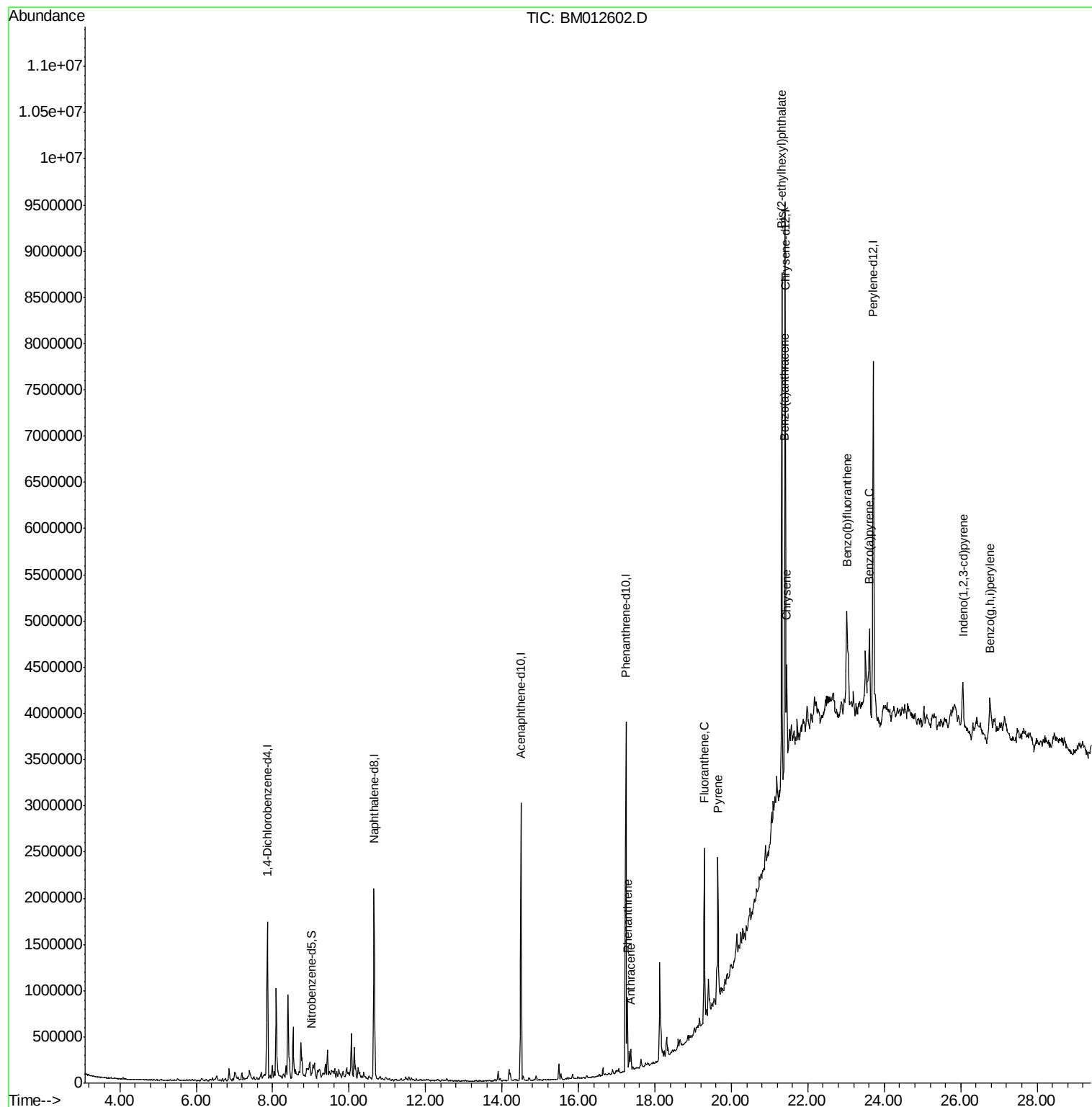
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012602.D
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Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

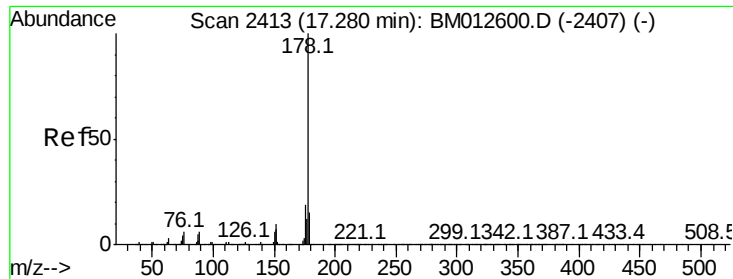
Instrument :
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Quant Time: Oct 31 14:17:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 4.210 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Instrument :

BNA_M

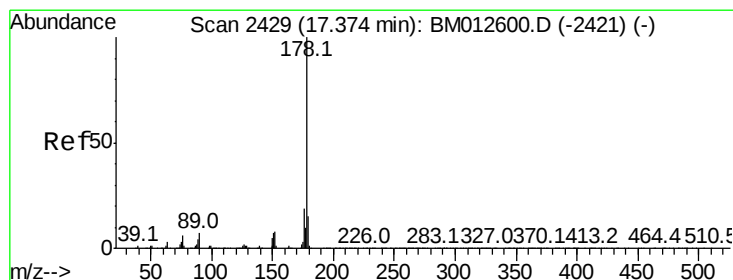
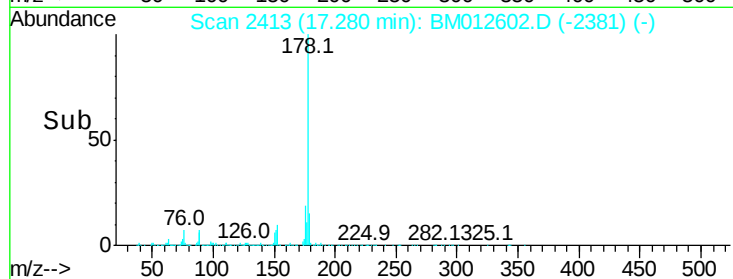
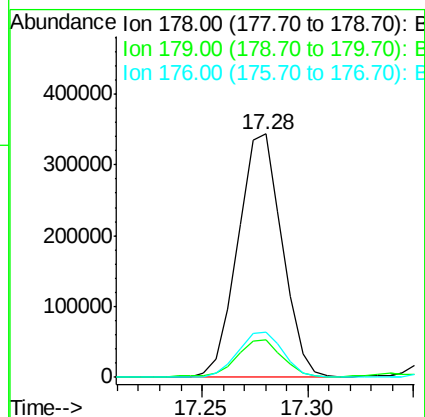
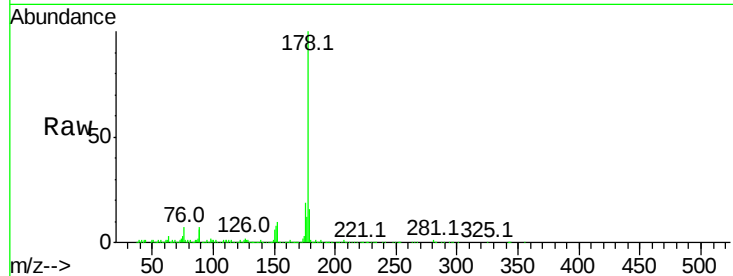
ClientSampleId :

B-38(FILL)_100917DL

Tot Ion:	178	Resp:	495548
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.8	14.9	22.3

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#71

Anthracene

Concen: 1.148 ng/ul

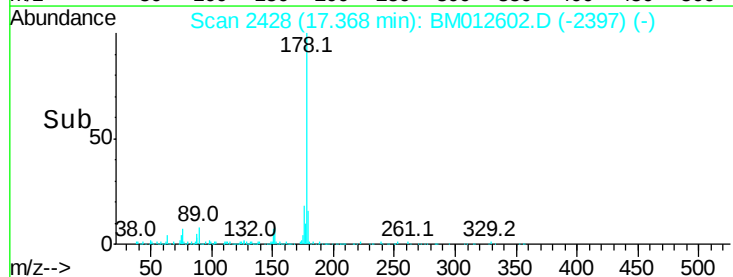
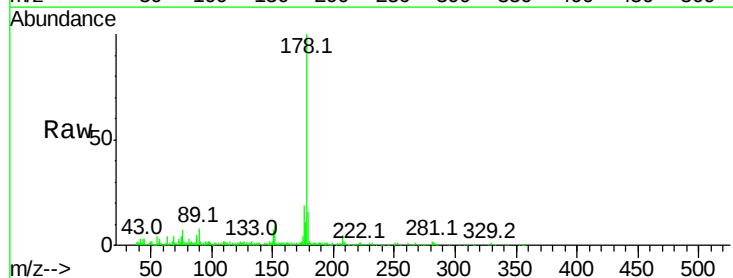
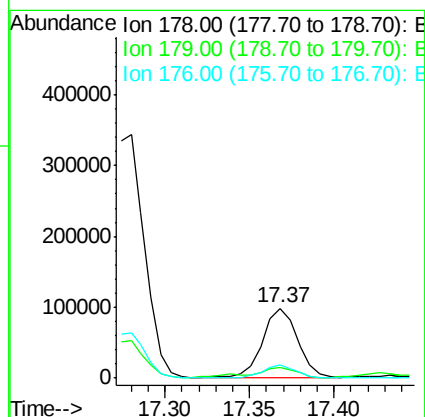
RT: 17.37 min Scan# 2428

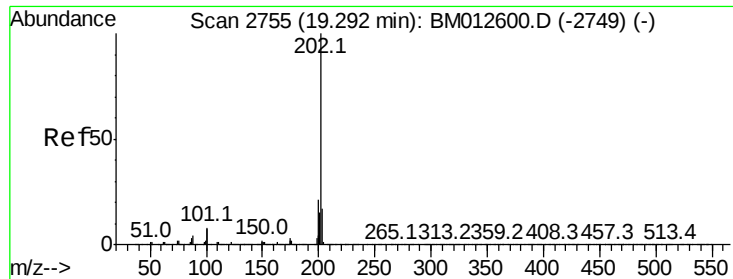
Delta R.T. -0.02 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Tgt Ion:	178	Resp:	139729
Ion Ratio	Lower	Upper	
178	100		
179	16.1	11.7	17.5
176	18.9	14.6	21.8





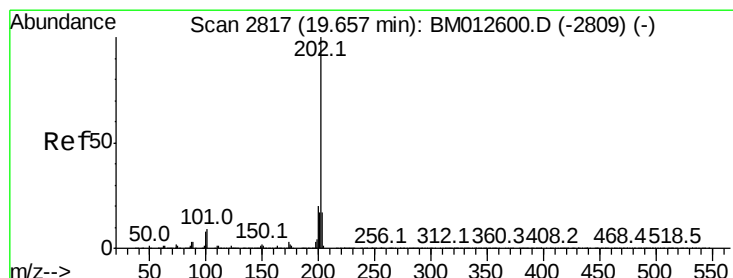
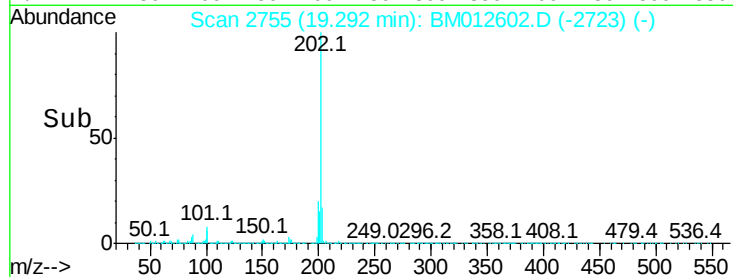
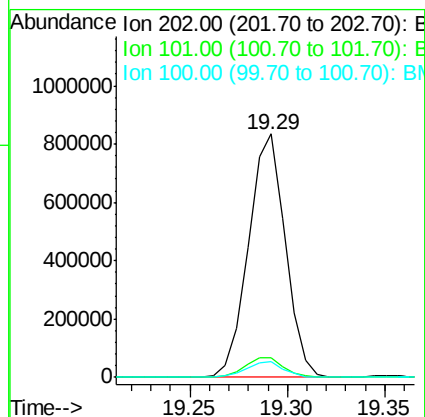
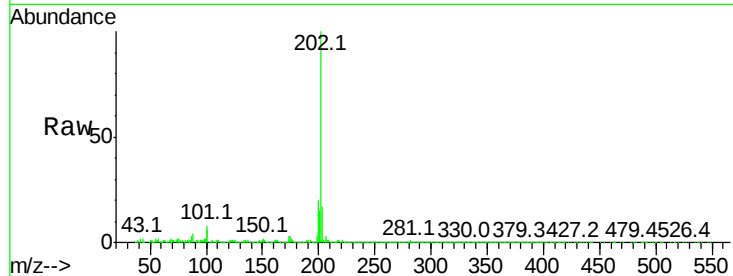
#74
 Fluoranthene
 Concen: 8.123 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.01 min
 Lab File: BM012602.D
 Acq: 31 Oct 2017 09:33

Instrument :
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 B-38(FILL)_100917DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1083421		
101	7.9	4.6	7.0#		
100	6.4	3.4	5.2#		

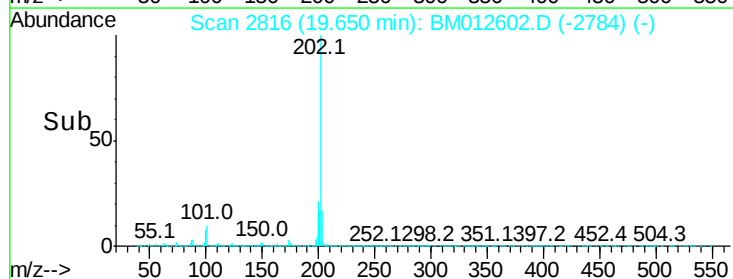
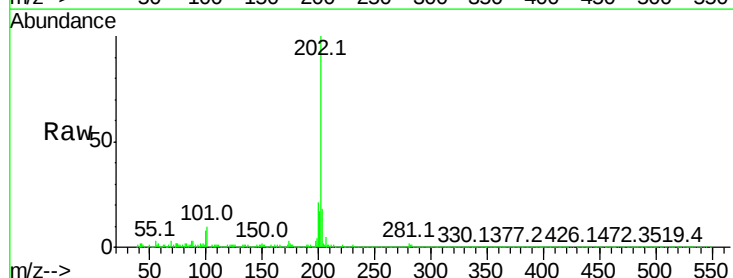
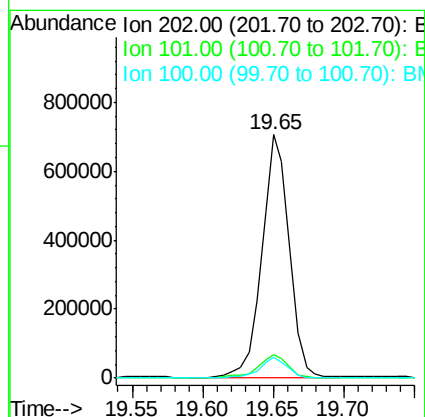
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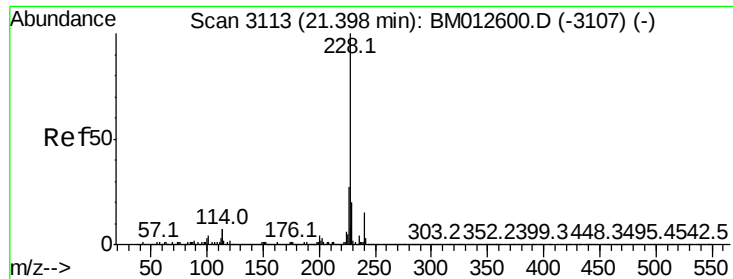
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#77
 Pyrene
 Concen: 6.362 ng/ul
 RT: 19.65 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM012602.D
 Acq: 31 Oct 2017 09:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		954748		
101	9.8	5.1	7.7#		
100	8.5	4.9	7.3#		





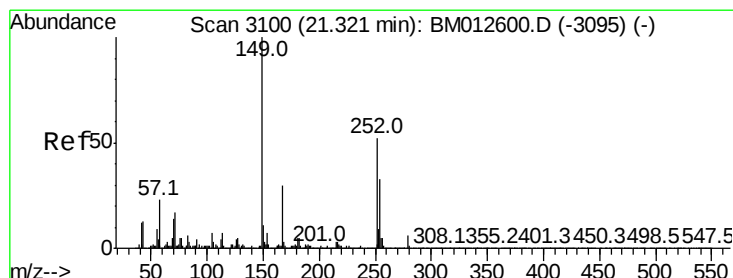
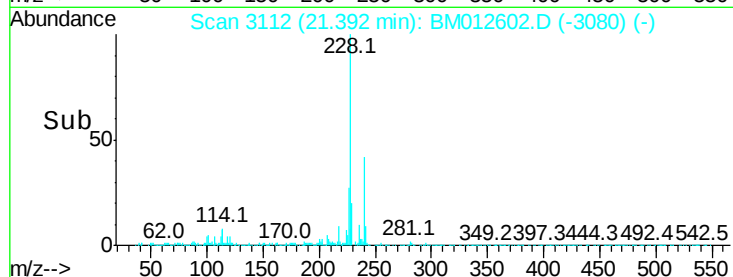
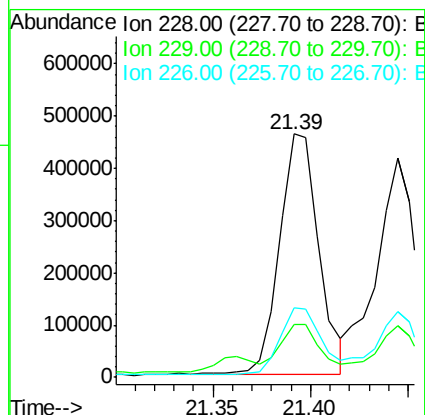
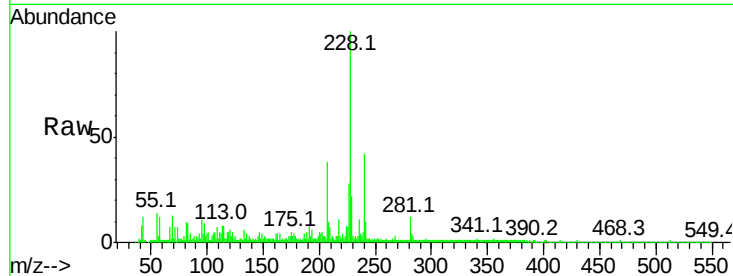
#80
Benzo(a)anthracene
Concen: 4.052 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM012602.D
Acq: 31 Oct 2017 09:33

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.0
226	28.5	21.4	32.0

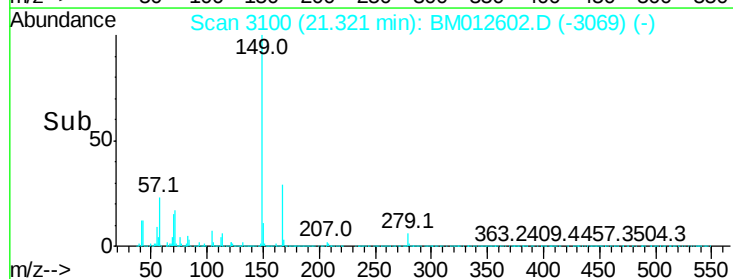
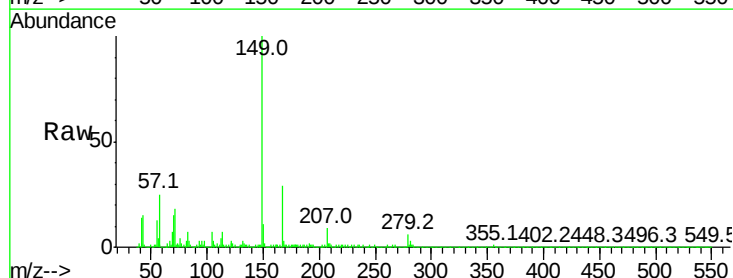
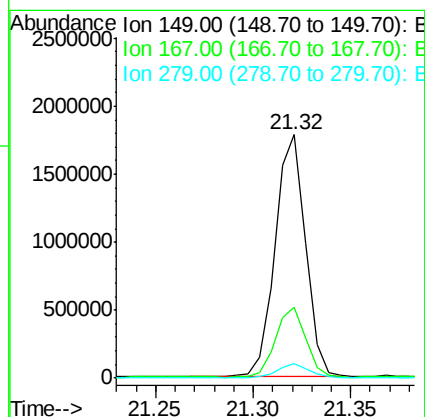
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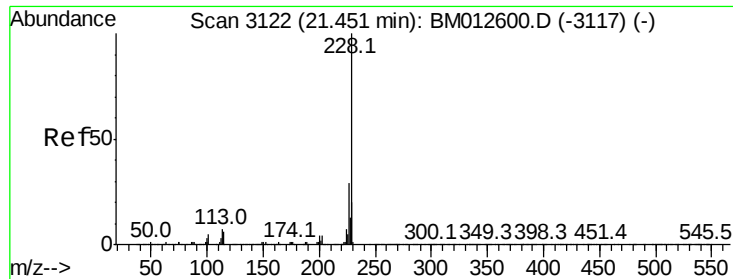
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#81
Bis(2-ethylhexyl)phthalate
Concen: 21.176 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM012602.D
Acq: 31 Oct 2017 09:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.8	34.2
279	6.2	4.9	7.3





#82

Chrysene

Concen: 4.116 ng/ul m

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Instrument :

BNA_M

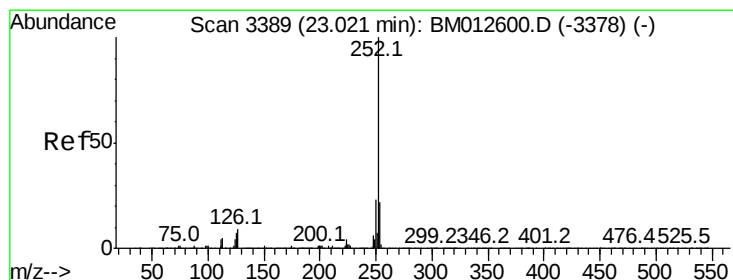
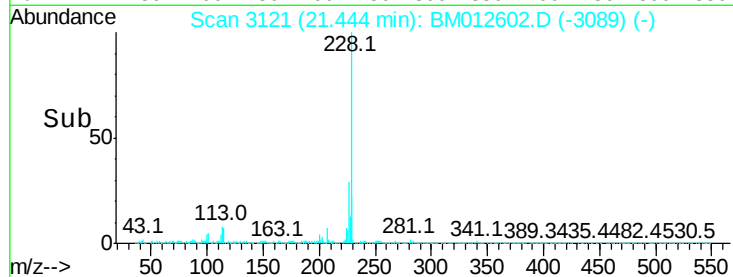
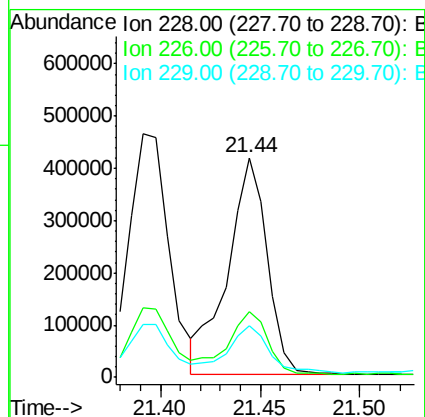
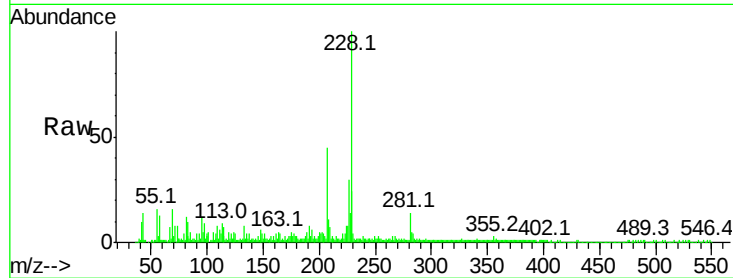
ClientSampleId :

B-38(FILL)_100917DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	23.7	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 4.970 ng/ul

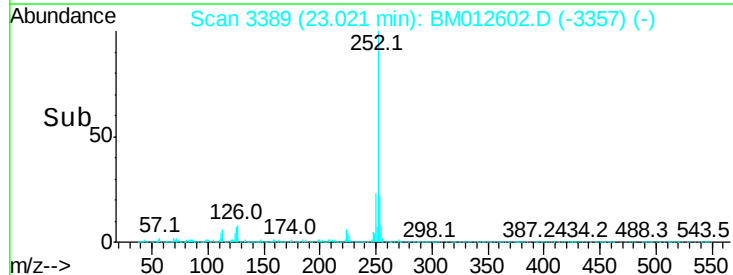
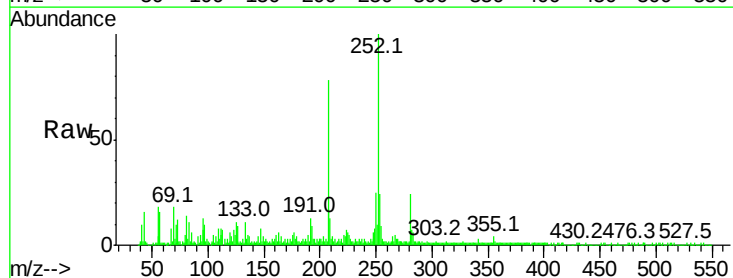
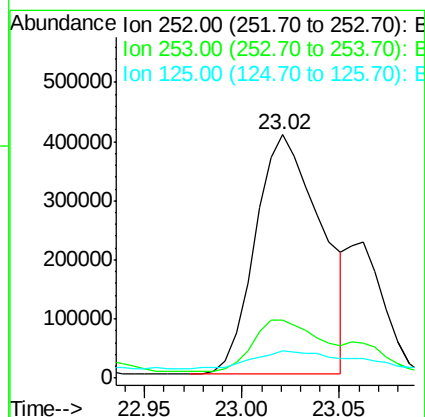
RT: 23.02 min Scan# 3389

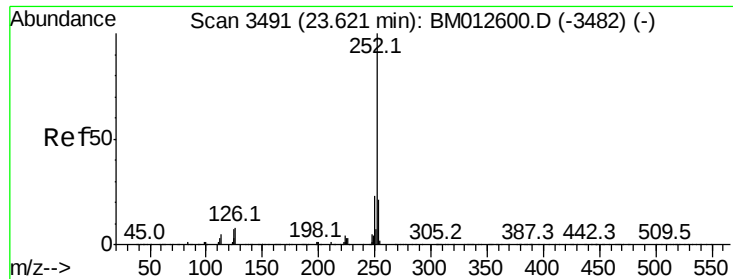
Delta R.T. -0.01 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	11.0	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 3.583 ng/ul

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Instrument :

BNA_M

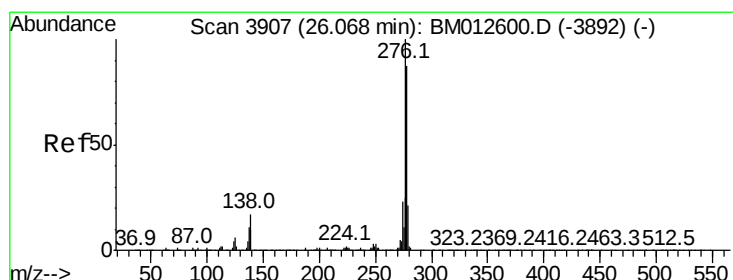
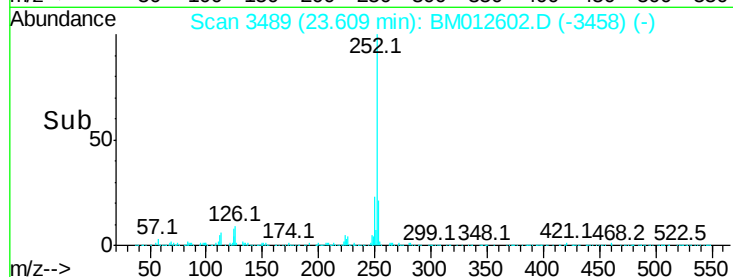
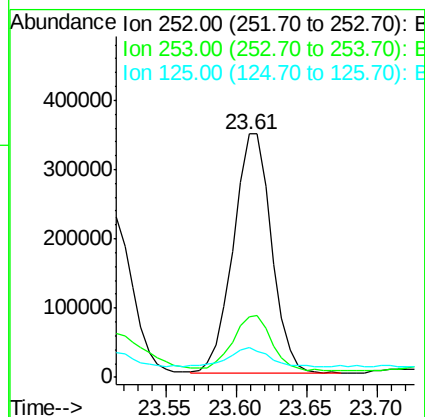
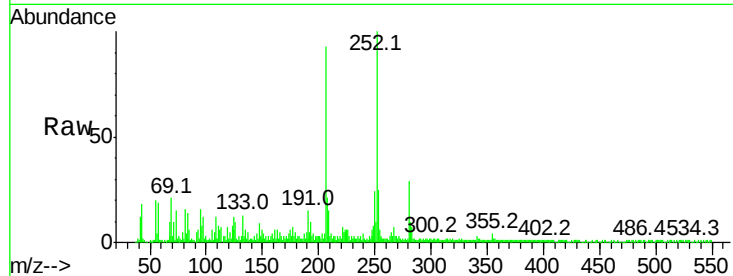
ClientSampleId :

B-38(FILL)_100917DL

Tot Ion:	252	Resp:	651702
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.2	27.2
125	12.0	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.433 ng/ul

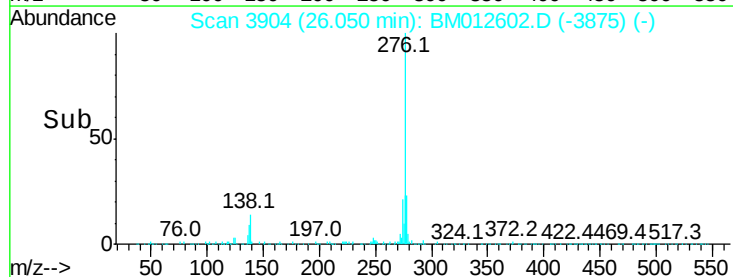
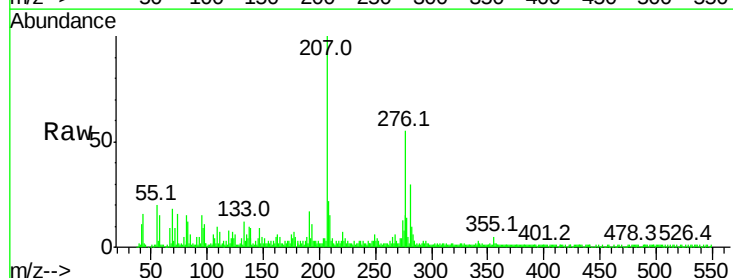
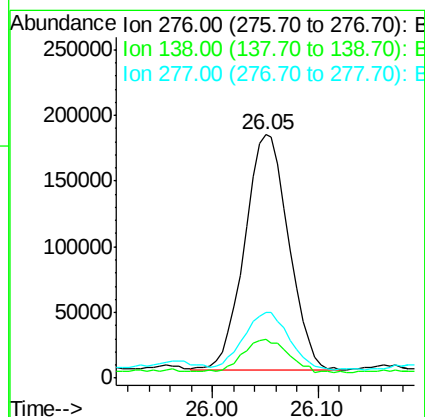
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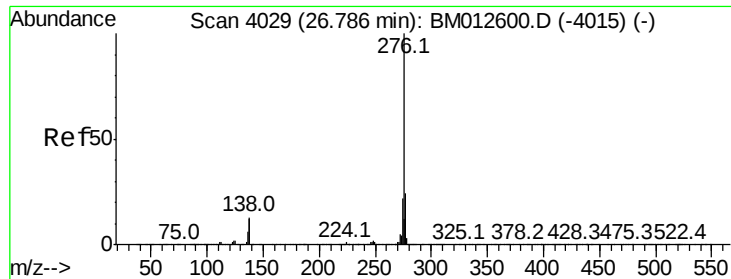
Delta R.T. -0.03 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Tgt Ion:	276	Resp:	520777
Ion Ratio	Lower	Upper	
276	100		
138	15.8	9.3	13.9#
277	26.9	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.380 ng/ul

RT: 26.77 min Scan# 4026

Delta R.T. -0.03 min

Lab File: BM012602.D

Acq: 31 Oct 2017 09:33

Instrument :

BNA_M

ClientSampleId :

B-38(FILL)_100917DL

Tot Ion:	276	Resp:	412872
Ion Ratio	Lower	Upper	
276	100		
138	17.2	8.5	12.7#
277	28.3	18.6	28.0#

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