

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012451.D
 Acq On : 25 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I5719-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-37(0-1)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:02 AM

Quant Time: Oct 26 06:23:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	533838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2236179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1352794	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2885473	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2210519	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2394342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	6143	0.59	ng/uL	0.00
5) Phenol-d5	7.05	99	140073	3.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	86300	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	112449	3.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	118591	3.11	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	53691	3.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	56176	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	126679	3.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	13648	0.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	413218	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	478525	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	43527	2.48	ng/ul	0.00
57) Fluorene-d10	15.50	176	353767	3.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	28089	2.01	ng/ul	0.00
70) Anthracene-d10	17.35	188	517475	3.76	ng/ul	0.00
76) Pyrene-d10	19.63	212	453082	4.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	413264	3.63	ng/ul	0.00

Target Compounds

					Ovalue
69) Phenanthrene	17.29	178	592000	3.794 ng/ul	98
74) Fluoranthene	19.30	202	1250987	7.075 ng/ul#	95
77) Pyrene	19.66	202	1109733	8.828 ng/ul#	91
80) Benzo(a)anthracene	21.40	228	541505	4.091 ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.34	149	190882	2.533 ng/ul	93
82) Chrysene	21.46	228	606085m	5.150 ng/ul	
85) Benzo(b)fluoranthene	23.04	252	960026	6.486 ng/ul#	80
86) Benzo(k)fluoranthene	23.07	252	263216m	1.889 ng/ul	
88) Benzo(a)pyrene	23.63	252	654601	4.639 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.09	276	541142	3.258 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.09	278	146223	1.038 ng/ul#	55
91) Benzo(g,h,i)perylene	26.80	276	572246	4.251 ng/ul#	90

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

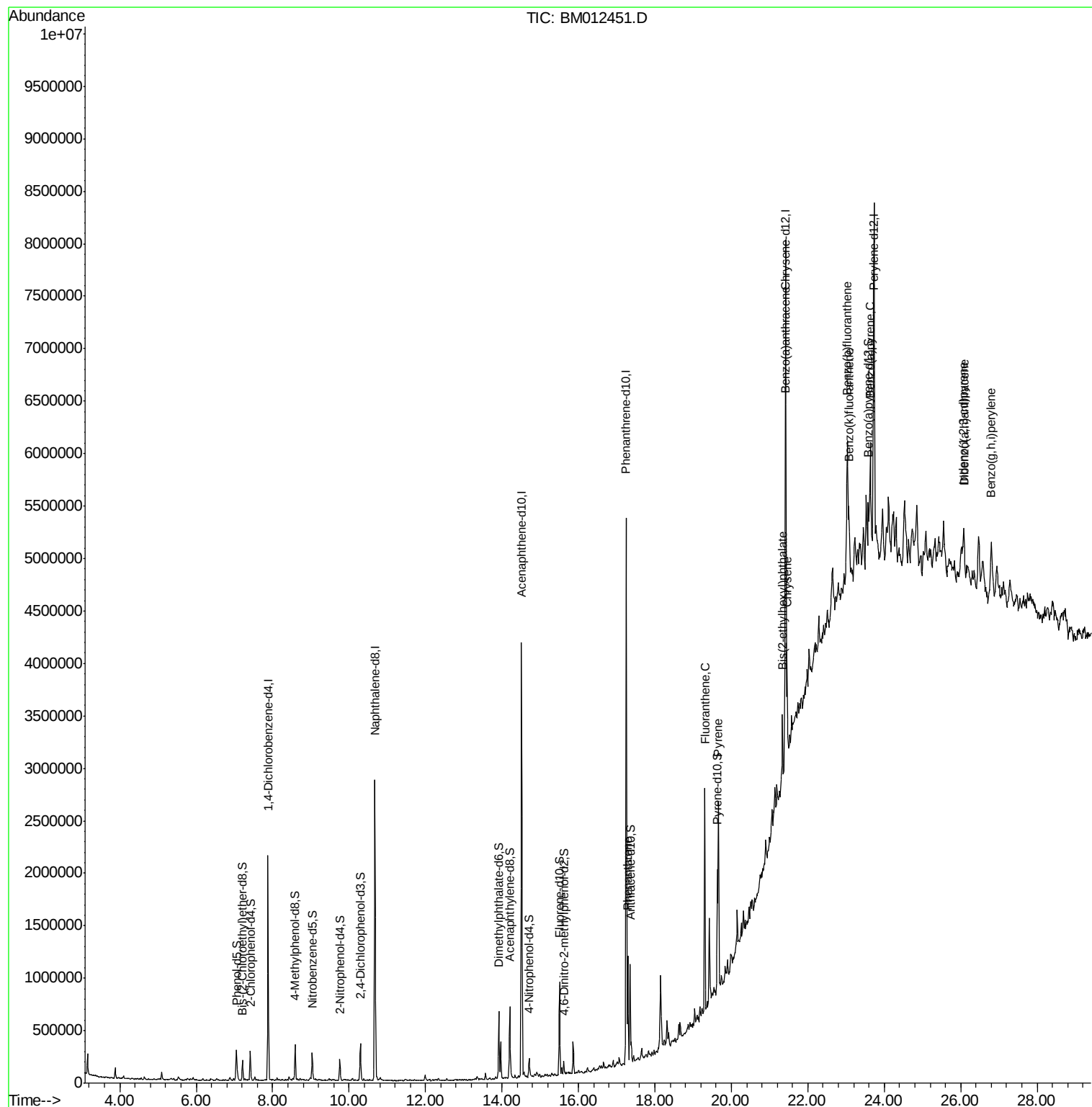
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012451.D
Acq On : 25 Oct 2017 19:22
Operator : SJ/JU
Sample : I5719-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

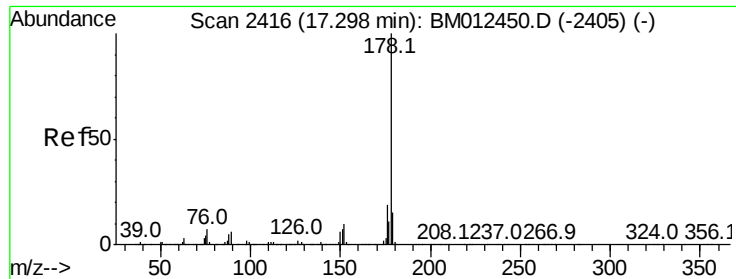
Instrument :
BNA_M
ClientSampleId :
B-37(0-1)-100417

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Quant Time: Oct 26 06:23:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 3.794 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

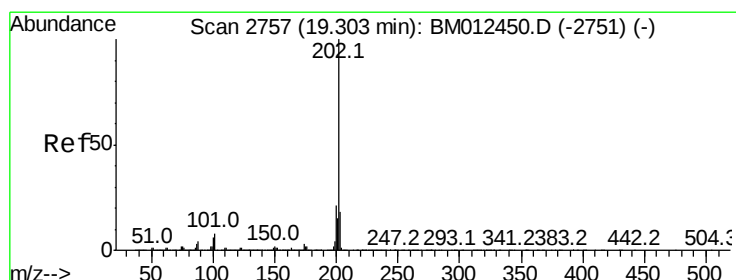
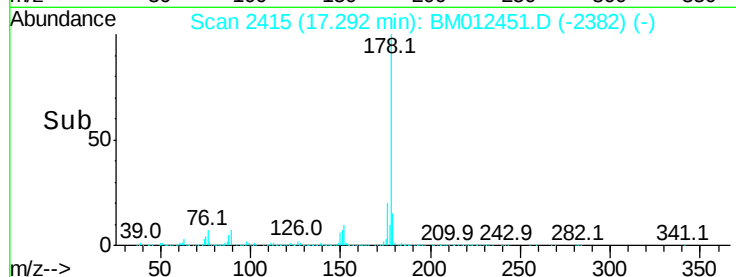
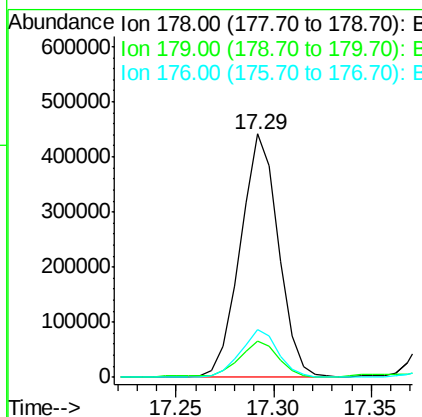
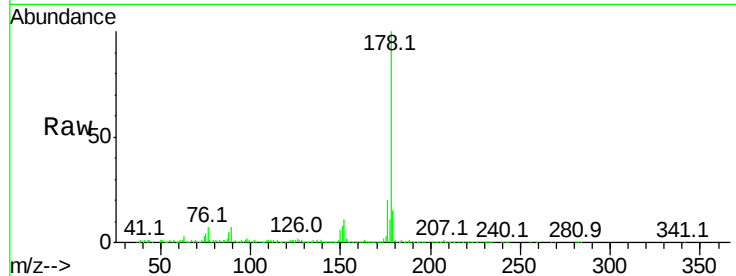
ClientSampleId :

B-37(0-1)-100417

Tot Ion:	178	Resp:	592000
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	19.0
176	19.6	14.9	22.3

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#74

Fluoranthene

Concen: 7.075 ng/ul

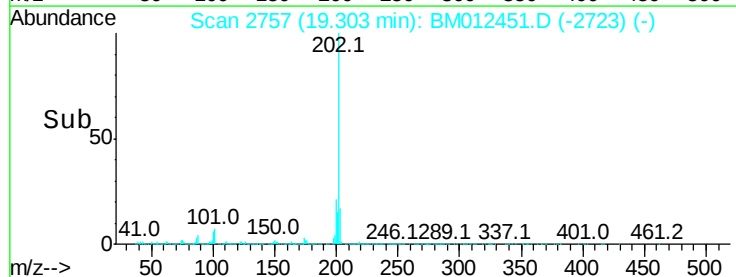
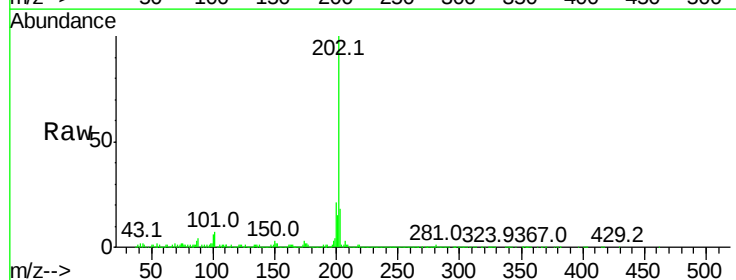
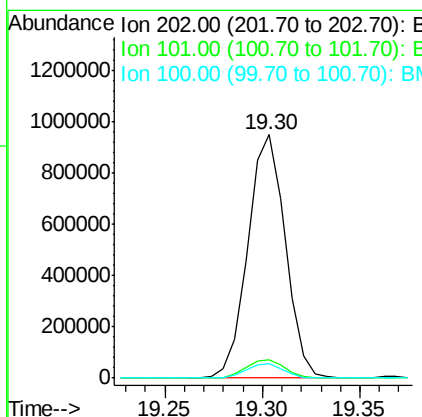
RT: 19.30 min Scan# 2757

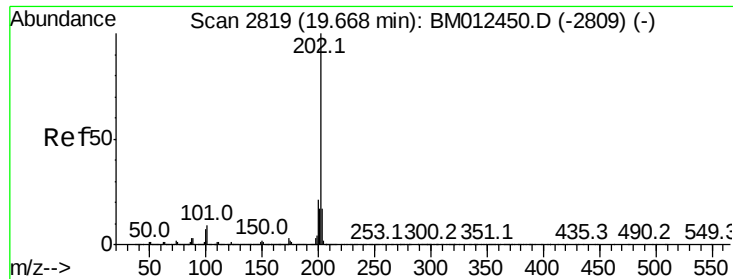
Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Tgt Ion:	202	Resp:	1250987
Ion Ratio	Lower	Upper	
202	100		
101	7.3	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 8.828 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

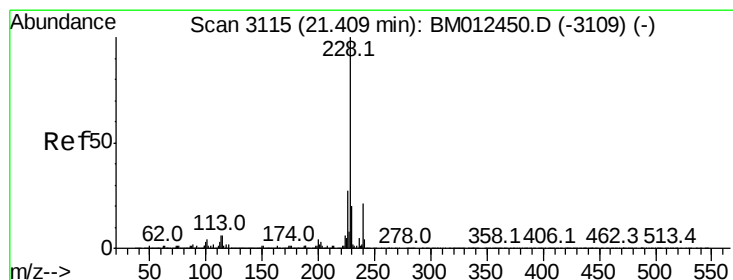
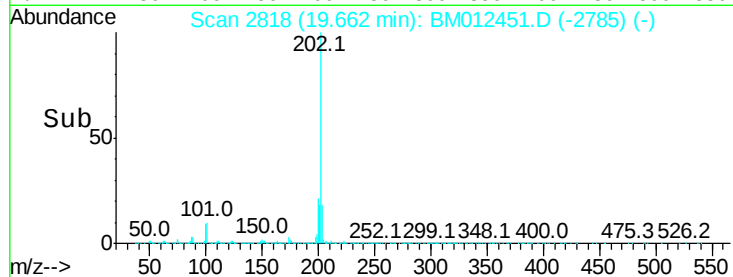
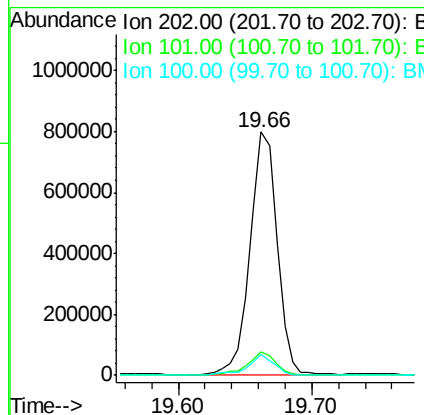
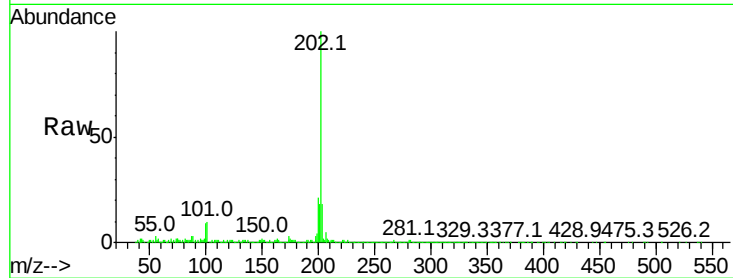
ClientSampleId :

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Tot Ion:	202	Resp:	1109733
Ion Ratio	Lower	Upper	
202	100		
101	9.8	5.1	7.7#
100	8.6	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 4.091 ng/ul

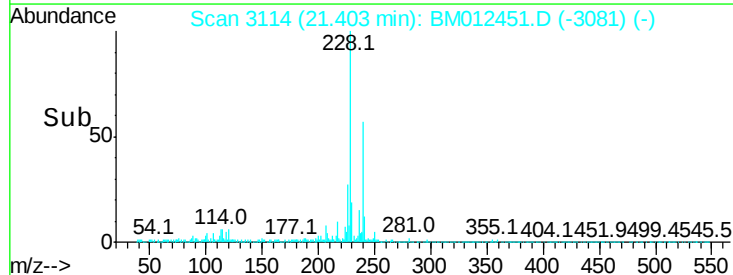
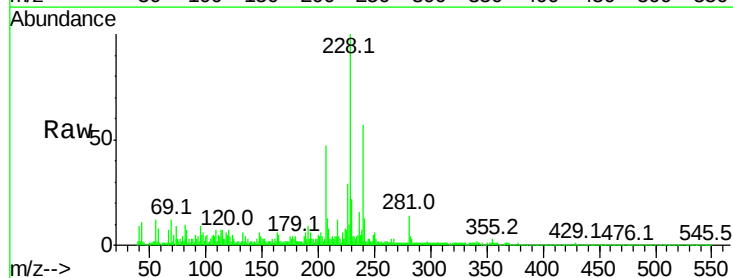
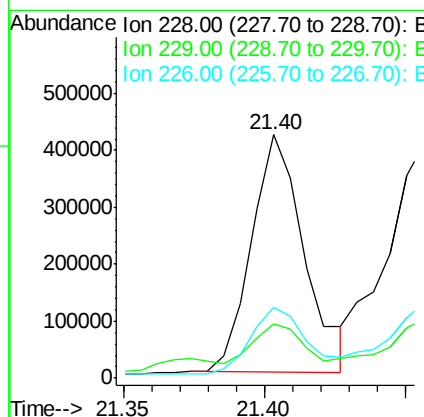
RT: 21.40 min Scan# 3114

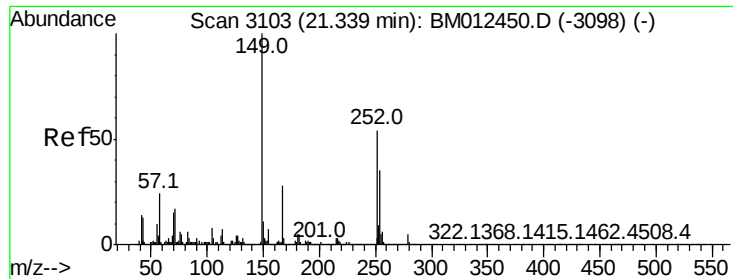
Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Tgt Ion:	228	Resp:	541505
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.4	23.0
226	29.1	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 2.533 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

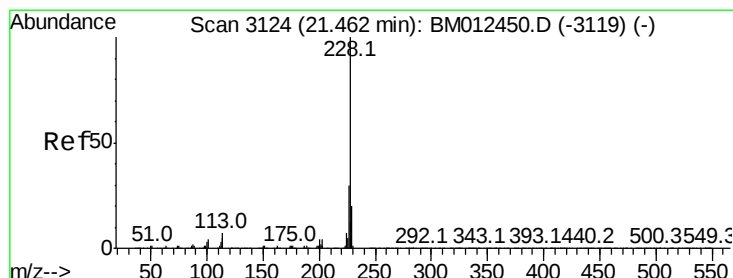
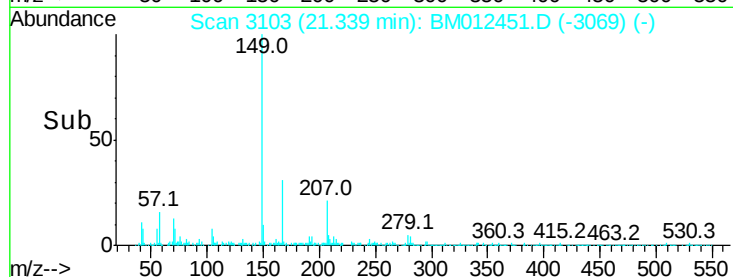
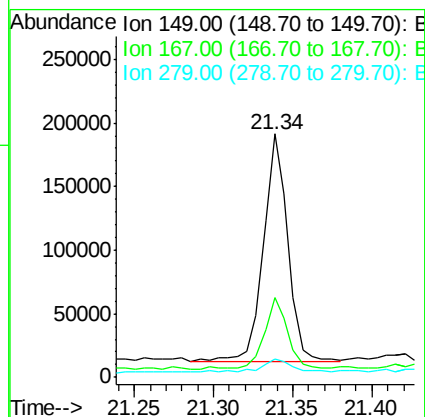
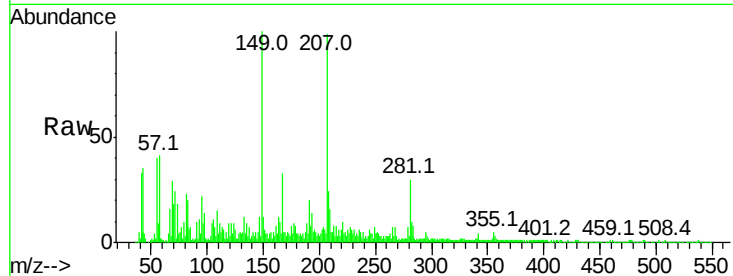
ClientSampleId :

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Tot Ion:	149	Resp:	190882
Ion Ratio	Lower	Upper	
149	100		
167	32.7	22.8	34.2
279	7.3	4.9	7.3

Manual Integrations
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#82

Chrysene

Concen: 5.150 ng/ul m

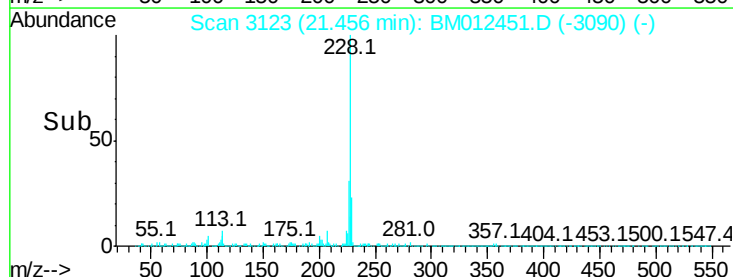
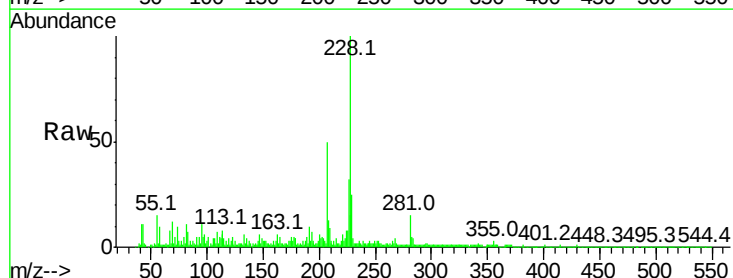
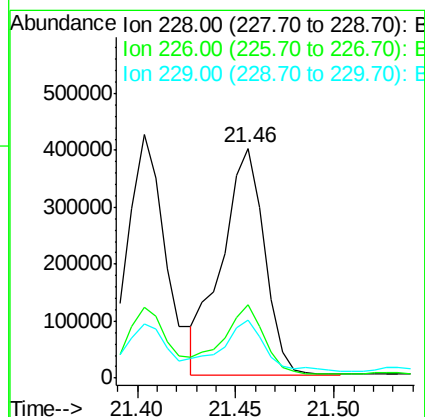
RT: 21.46 min Scan# 3123

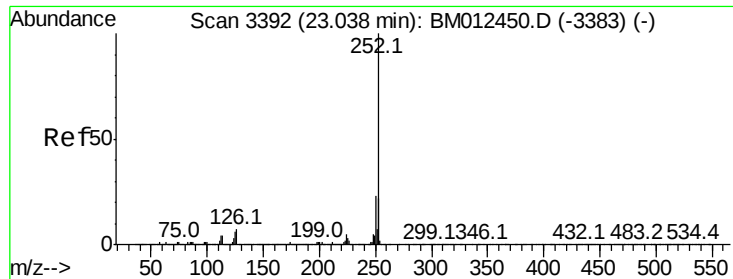
Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Tgt Ion:	228	Resp:	606085
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.2
229	25.0	15.5	23.3#





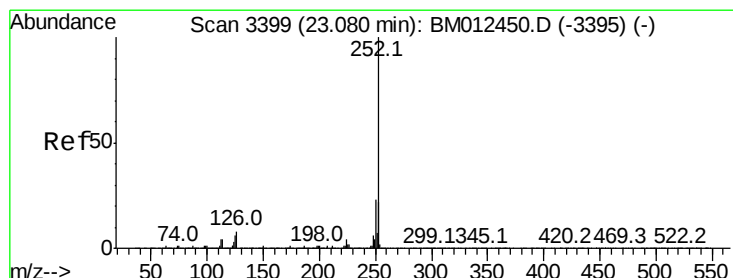
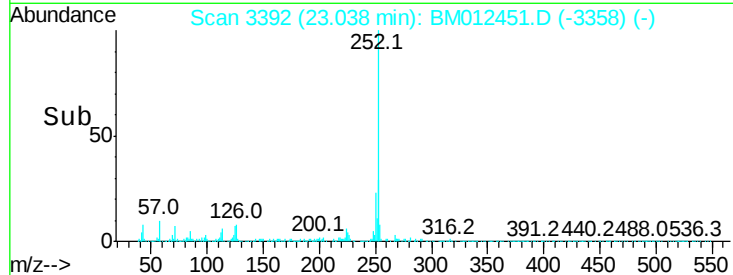
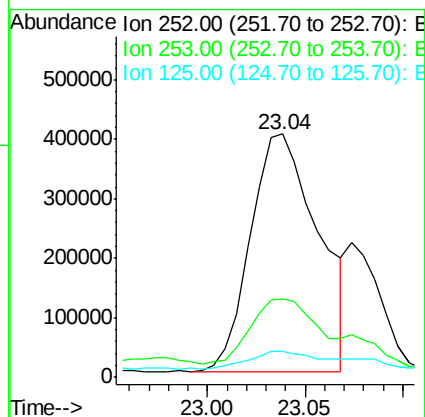
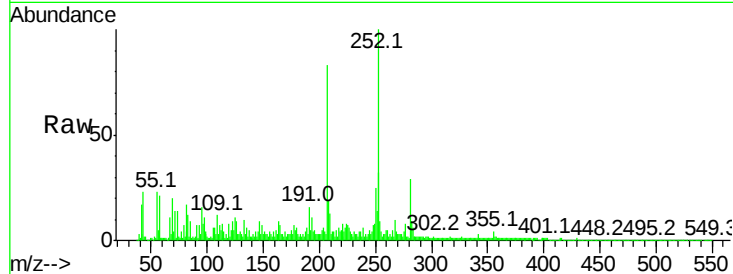
#85
Benzo(b)fluoranthene
Concen: 6.486 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.00 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

Instrument :
BNA_M
ClientSampleId :
B-37(0-1)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.9	26.9#
125	10.6	3.6	5.4#

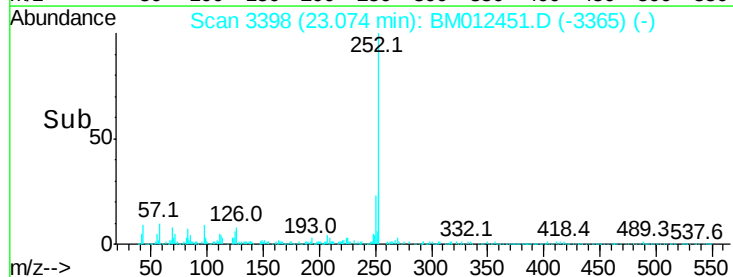
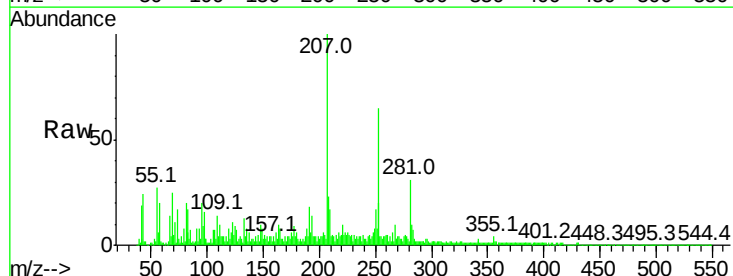
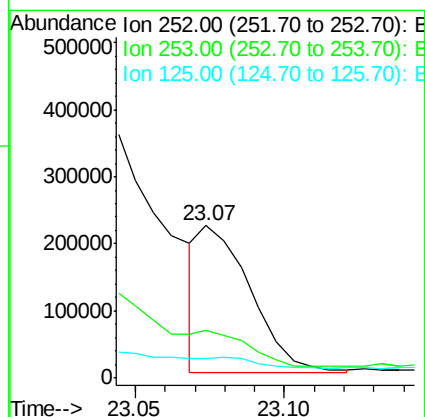
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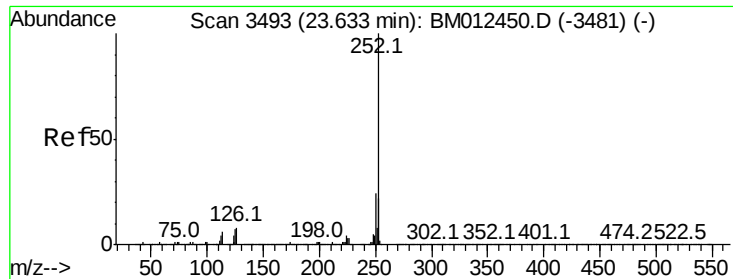
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#86
Benzo(k)fluoranthene
Concen: 1.889 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.1	25.7#
125	13.1	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 4.639 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

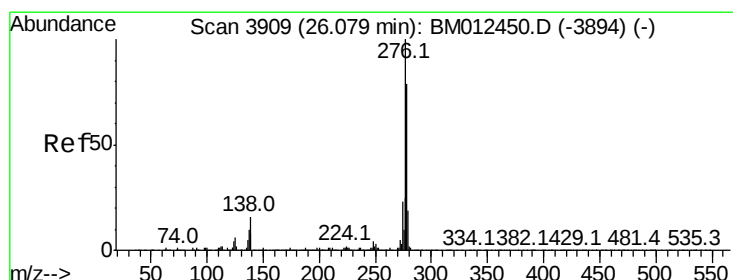
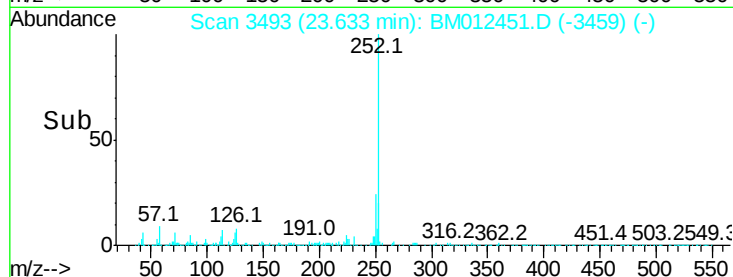
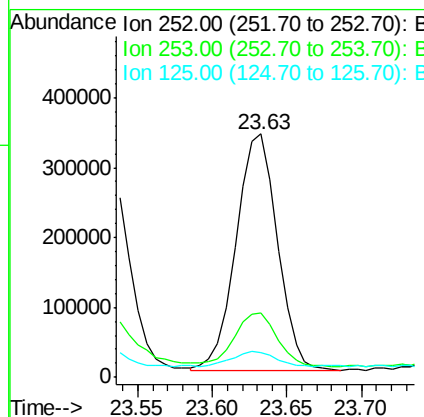
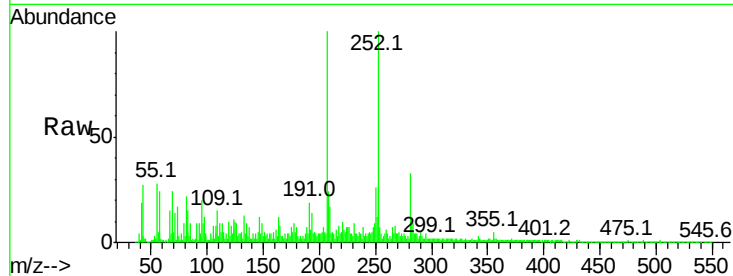
ClientSampleId :

B-37(0-1)-100417

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.3	18.2	27.2	
125	10.1	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.258 ng/ul

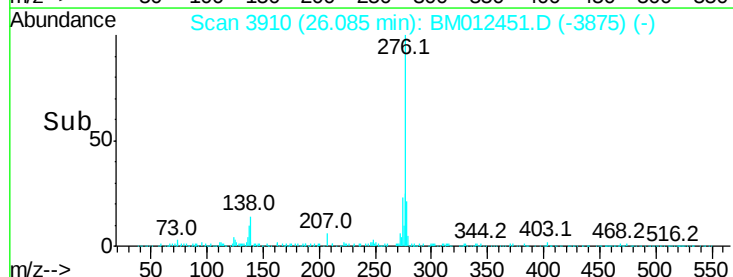
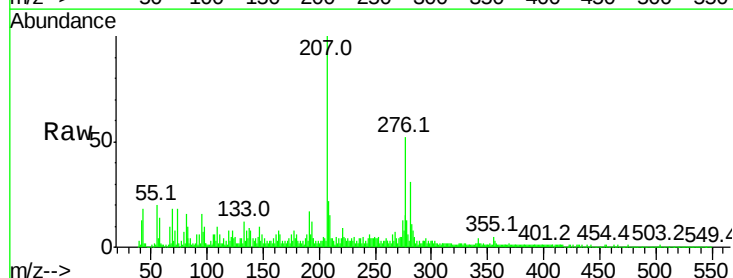
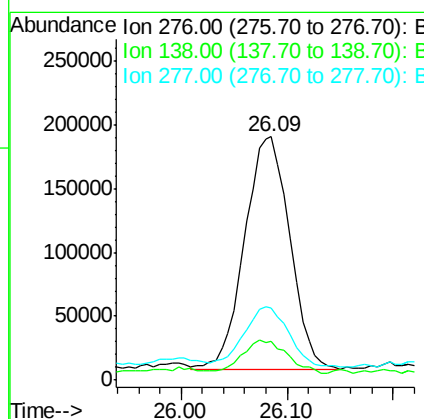
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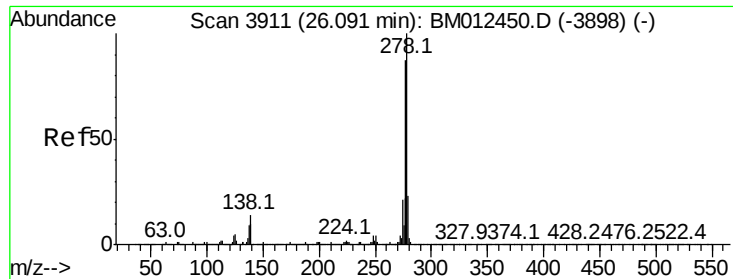
Delta R.T. 0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	15.9	9.3	13.9	
277	29.8	19.9	29.9	





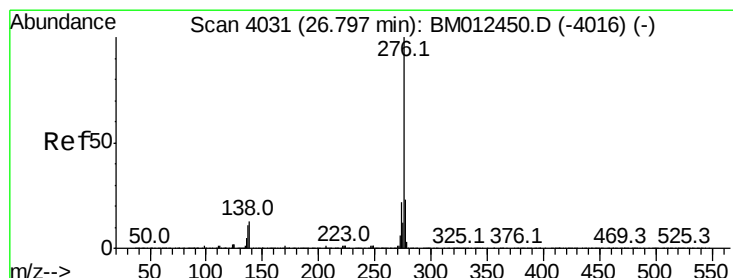
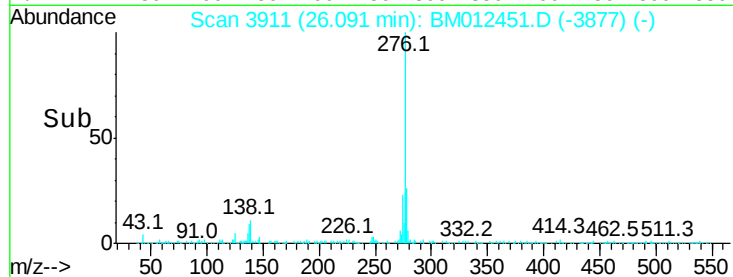
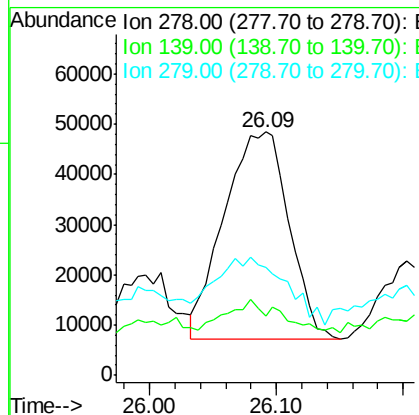
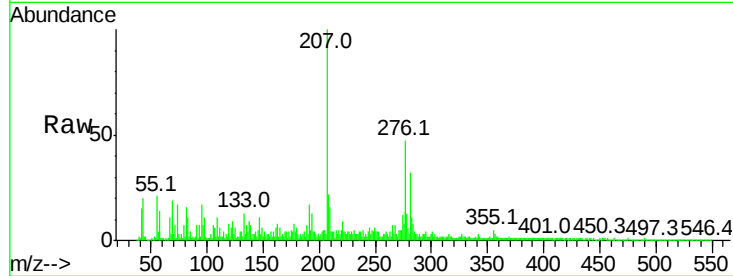
#90
Dibenzo(a,h)anthracene
Concen: 1.038 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

Instrument :
BNA_M
ClientSampleId :
B-37(0-1)-100417

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.5	5.8	8.8#
279	44.2	18.6	27.8#

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#91
Benzo(g,h,i)perylene
Concen: 4.251 ng/ul
RT: 26.80 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.5	12.7#
277	27.4	18.6	28.0

