

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012034.D
 Acq On : 10 Oct 2017 04:04
 Operator : SJ/JU
 Sample : I5533-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-77(1-3)-092817

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:05:59 PM

Quant Time: Oct 10 07:47:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	141217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	640809	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	413540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1054648	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1574704	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1762857	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12225m	4.09	ng/uL	0.00
5) Phenol-d5	7.00	99	196454	16.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	130934	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	174882	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	149825	14.27	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	81924	17.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	88909	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	188378	18.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	152528	13.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	708446	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	820570	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	49755	7.95	ng/ul	0.00
57) Fluorene-d10	15.49	176	657867	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	78273	11.03	ng/ul	0.00
70) Anthracene-d10	17.33	188	1112798	21.41	ng/ul	0.00
76) Pyrene-d10	19.63	212	1537329	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1857170	21.90	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.03	94	22553	1.876	ng/ul	92
44) Dimethylphthalate	13.94	163	175334	5.085	ng/ul	98
49) Acenaphthene	14.56	153	29563	1.046	ng/ul	98
69) Phenanthrene	17.27	178	824604	14.214	ng/ul	99
71) Anthracene	17.37	178	188414	3.192	ng/ul	99
74) Fluoranthene	19.29	202	1738037	24.555	ng/ul#	90
77) Pyrene	19.66	202	1606507	18.399	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	1018066	11.285	ng/ul	97
82) Chrysene	21.44	228	955874	11.152	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	1322922	12.346	ng/ul#	96
86) Benzo(k)fluoranthene	23.07	252	507342m	4.743	ng/ul	
88) Benzo(a)pyrene	23.63	252	981541	9.533	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	600606	5.451	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.10	278	147007	1.624	ng/ul#	83
91) Benzo(g,h,i)perylene	26.82	276	513222	5.631	ng/ul#	91

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

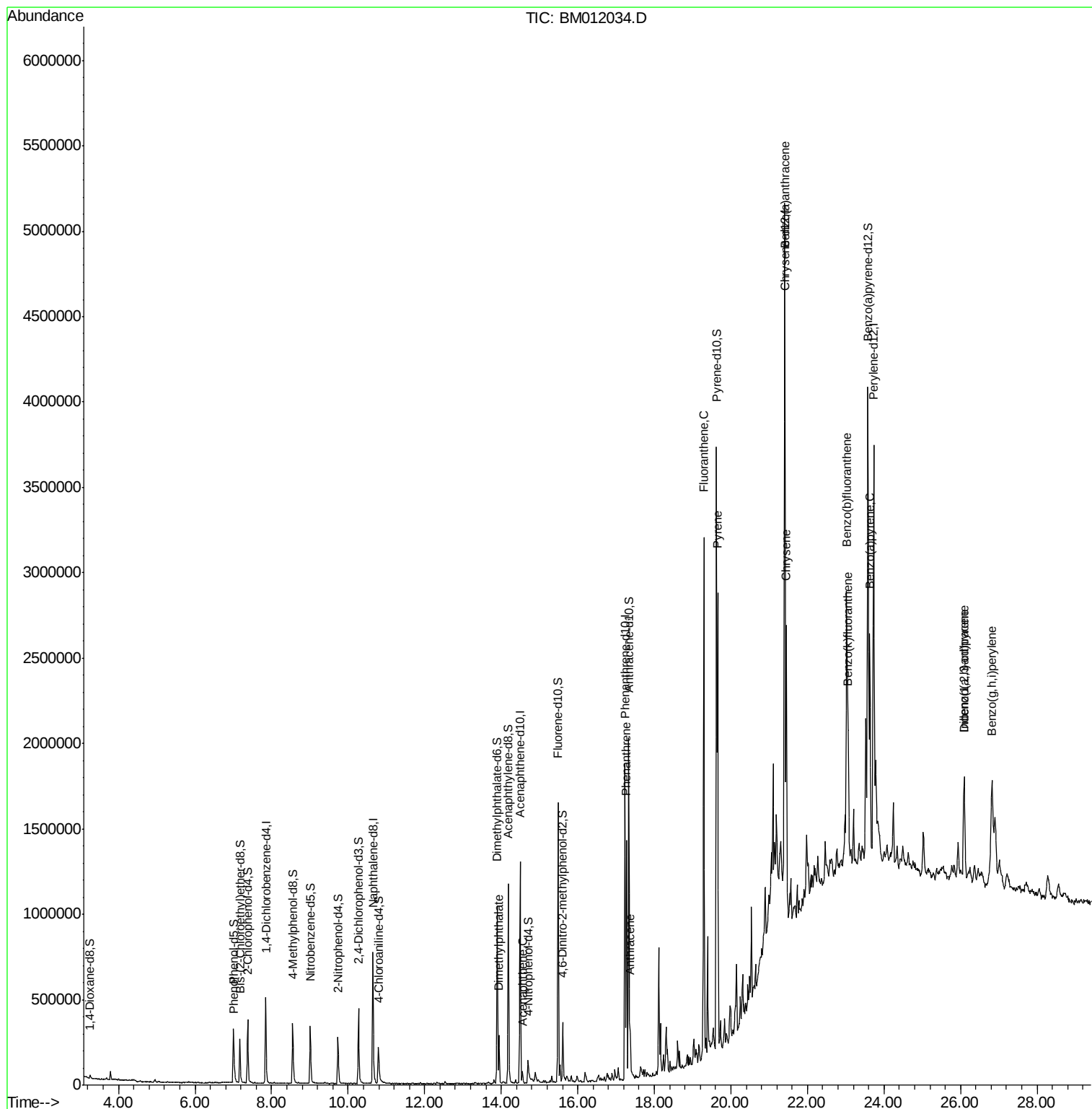
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012034.D
Acq On : 10 Oct 2017 04:04
Operator : SJ/JU
Sample : I5533-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

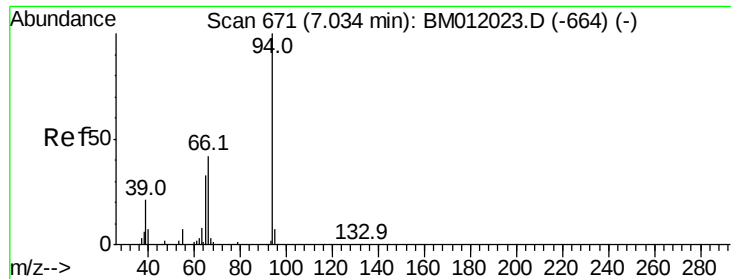
Instrument :
BNA_M
ClientSampleId :
B-77(1-3)-092817

Manual Integrations
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Quant Time: Oct 10 07:47:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.876 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

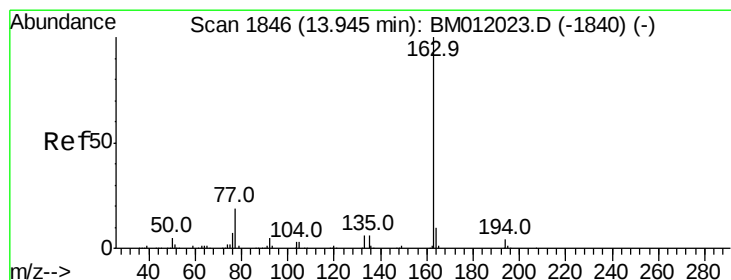
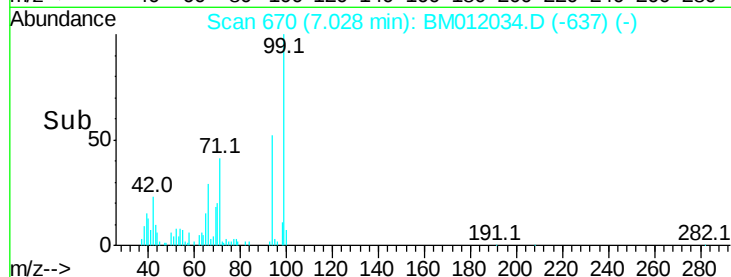
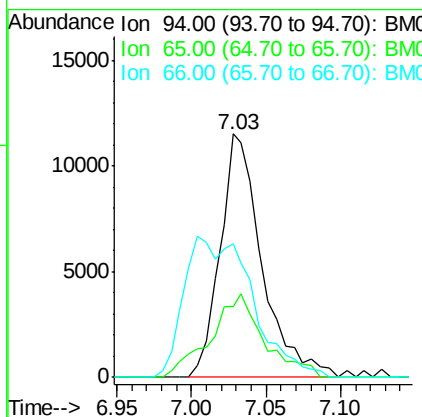
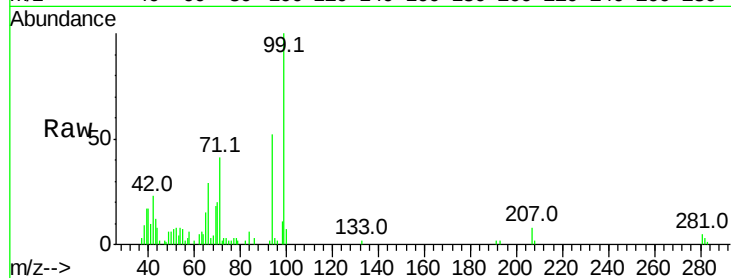
ClientSampleId :

B-77(1-3)-092817

Tot Ion:	94	Resp:	22553
Ion Ratio	Lower	Upper	
94	100		
65	29.1	28.2	42.4
66	54.7	47.2	70.8

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#44

Dimethylphthalate

Concen: 5.085 ng/ul

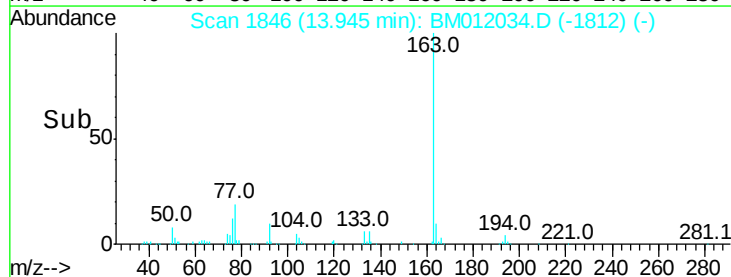
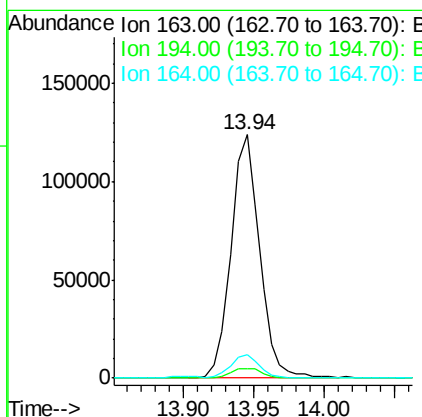
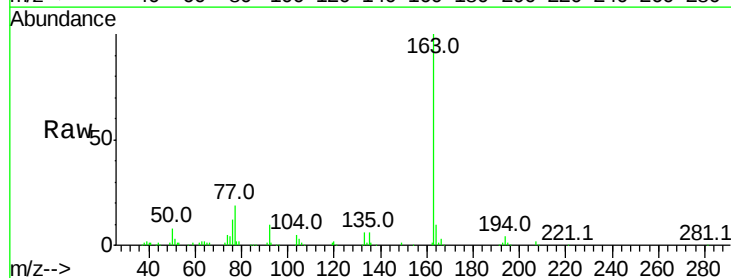
RT: 13.94 min Scan# 1846

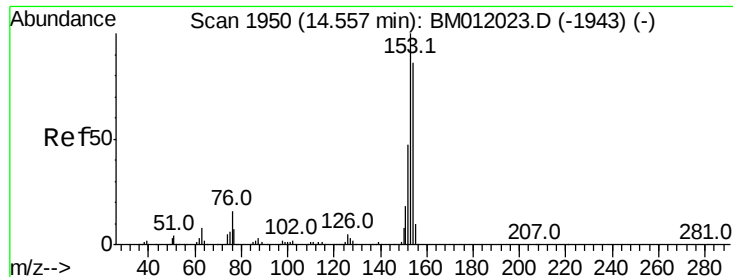
Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Tgt Ion:	163	Resp:	175334
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	9.7	8.2	12.4





#49

Acenaphthene

Concen: 1.046 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

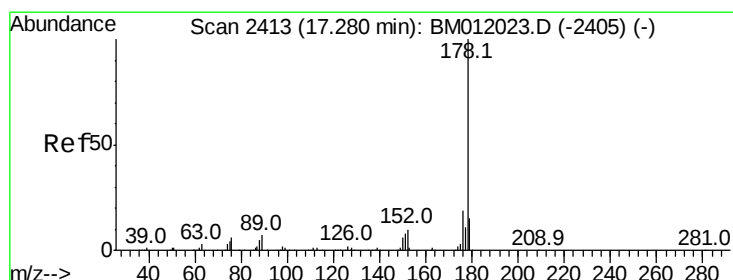
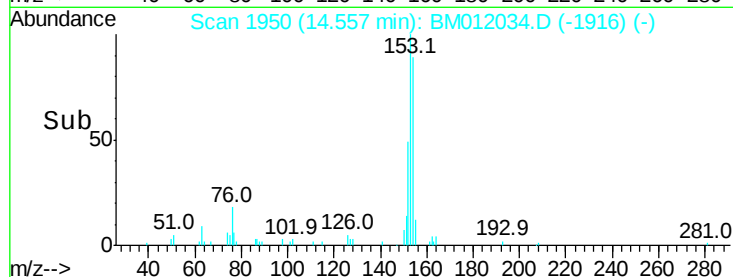
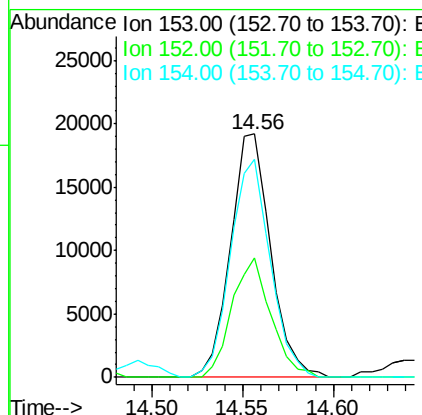
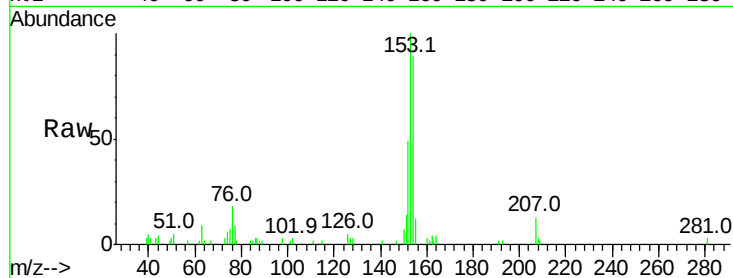
ClientSampleId :

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Tot Ion:	153	Resp:	29563
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.6	56.4
154	89.5	70.4	105.6

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#69

Phenanthrene

Concen: 14.214 ng/ul

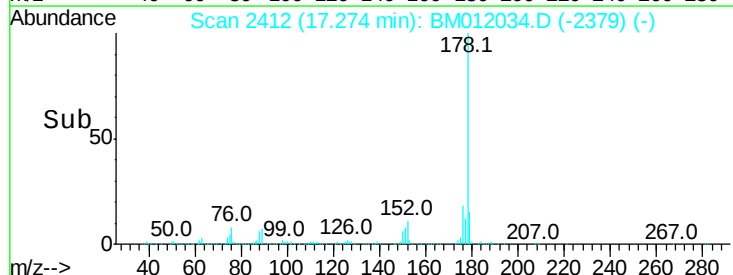
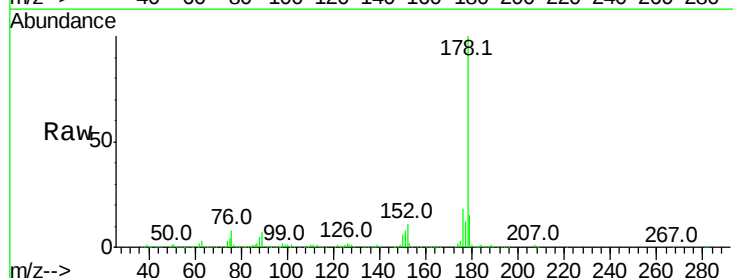
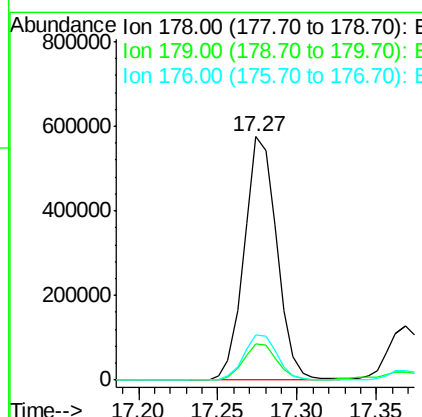
RT: 17.27 min Scan# 2412

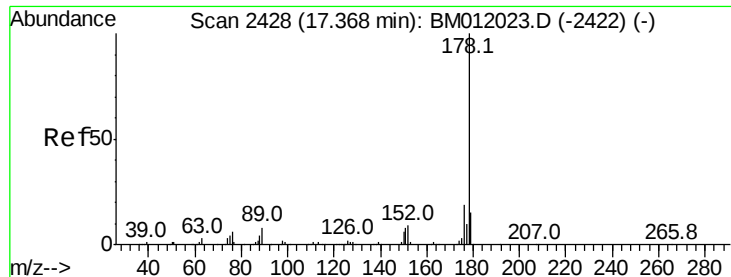
Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Tgt Ion:	178	Resp:	824604
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.6	19.0
176	18.5	14.9	22.3





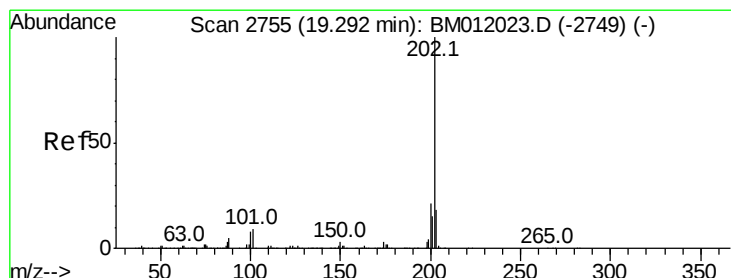
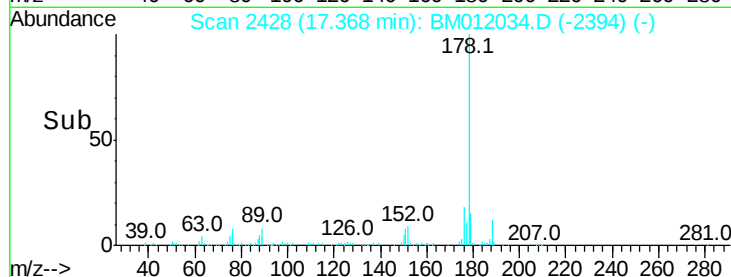
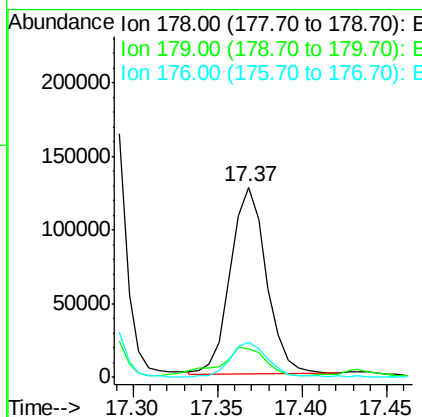
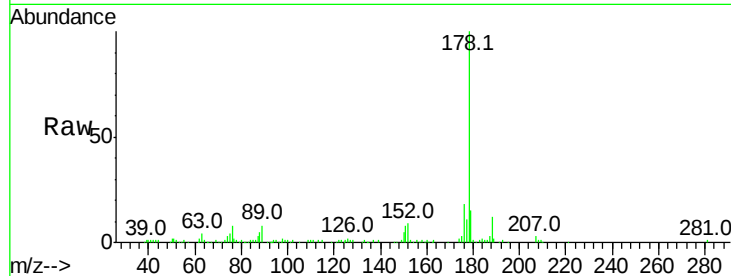
#71
 Anthracene
 Concen: 3.192 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.3	14.6	21.8

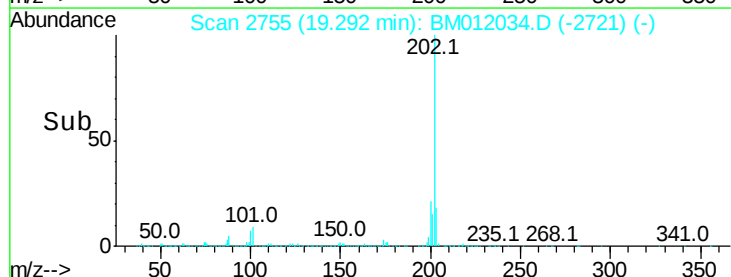
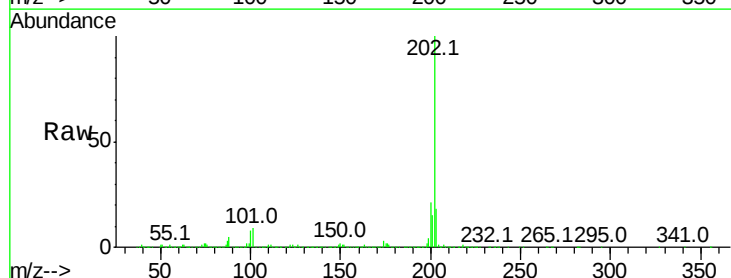
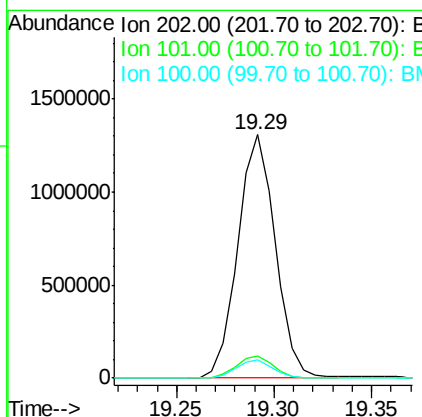
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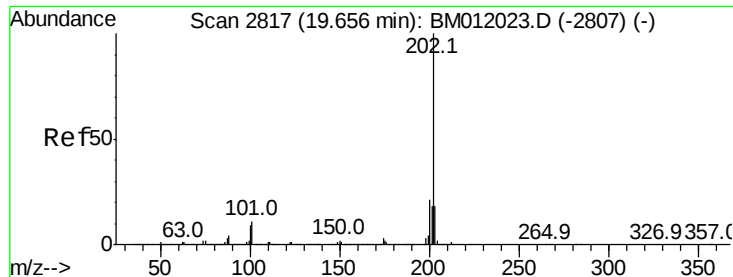
Sohil
 10/10/2017 5:05:59 PM



#74
 Fluoranthene
 Concen: 24.555 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM012034.D
 Acq: 10 Oct 2017 04:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	7.5	3.4	5.2#





#77

Pvrene

Concen: 18.399 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

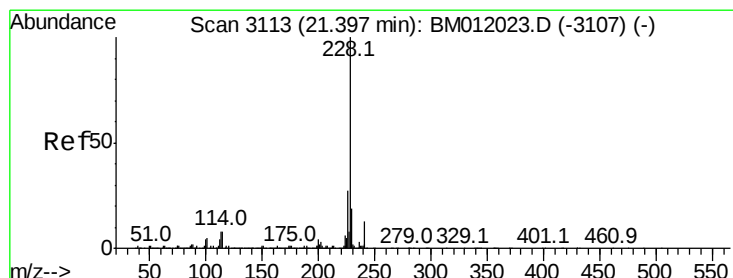
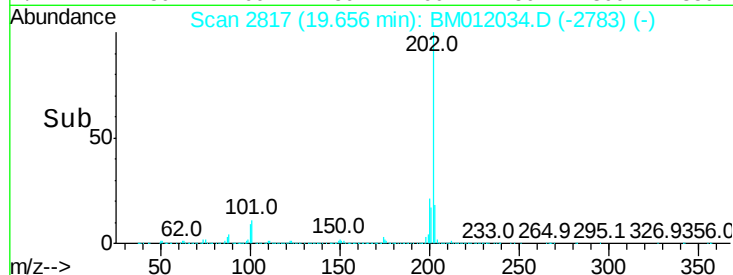
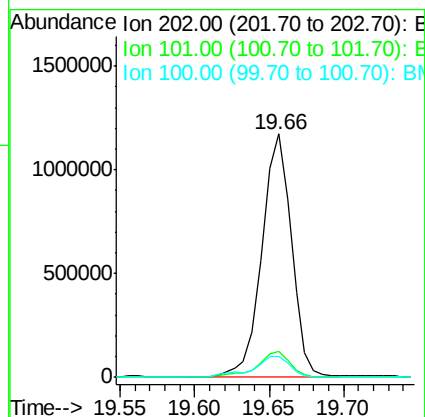
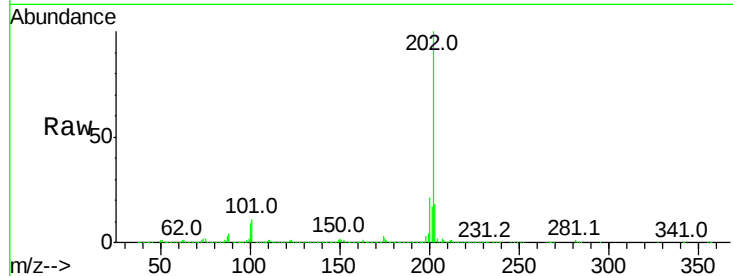
ClientSampleId :

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Tot Ion:	202	Resp:	1606507
Ion Ratio	Lower	Upper	
202	100		
101	10.6	5.1	7.7#
100	8.7	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 11.285 ng/ul

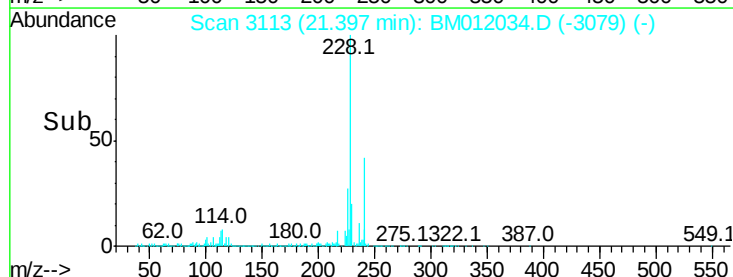
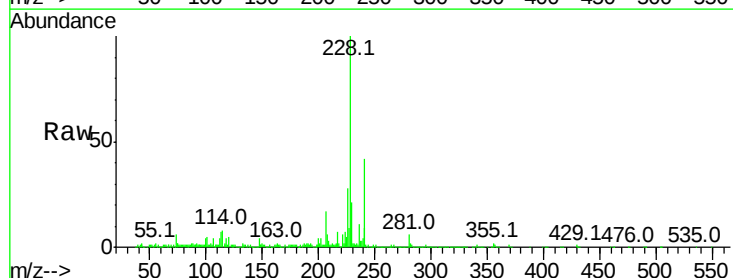
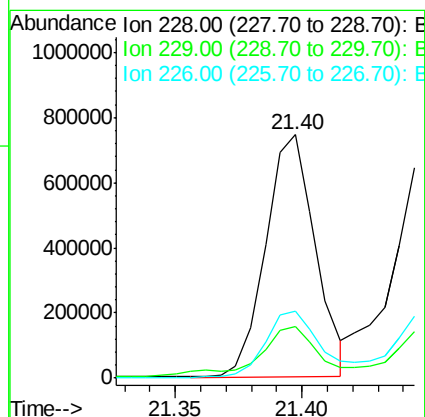
RT: 21.40 min Scan# 3113

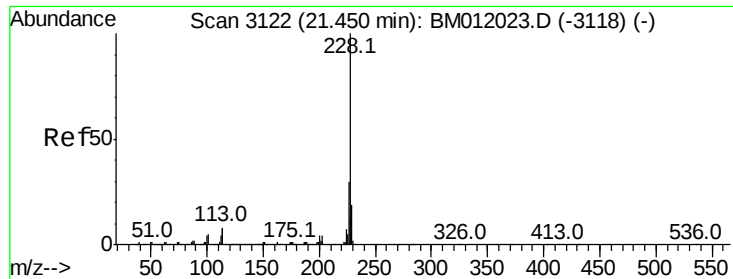
Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Tgt Ion:	228	Resp:	1018066
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.4	23.0
226	27.6	21.4	32.0





#82

Chrysene

Concen: 11.152 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

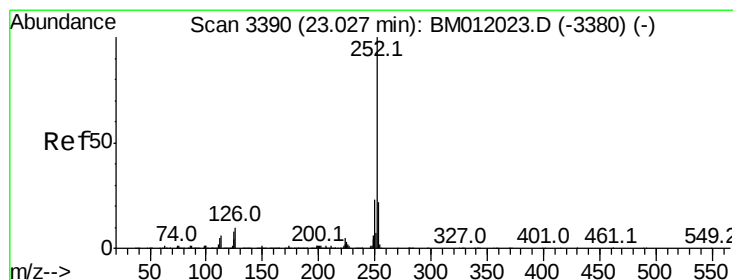
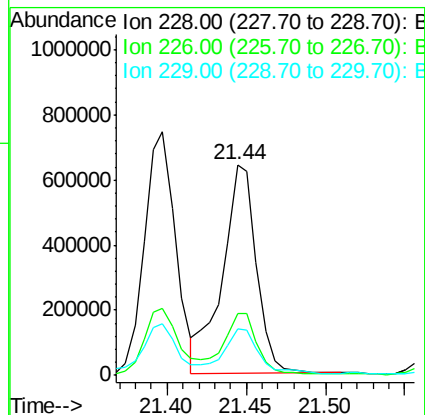
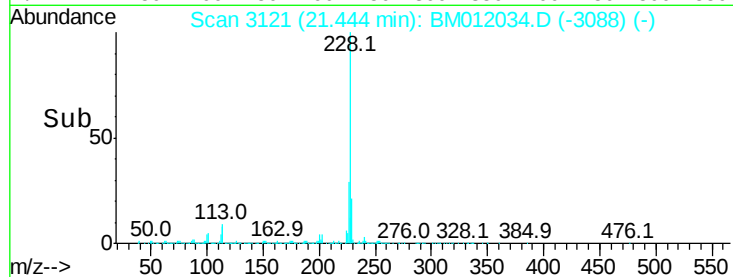
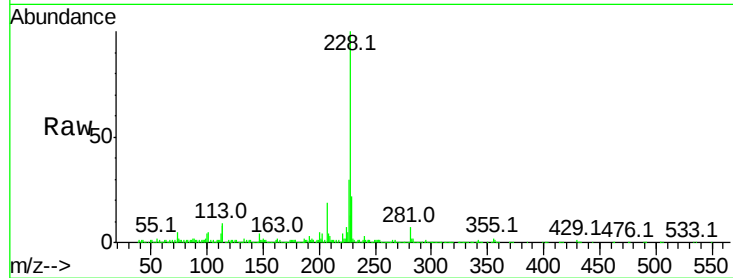
ClientSampleId :

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Tot Ion:	228	Resp:	955874
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	21.8	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 12.346 ng/ul

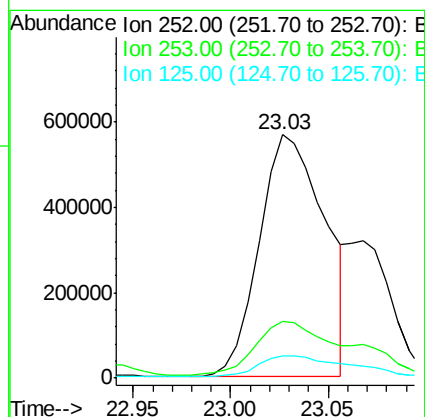
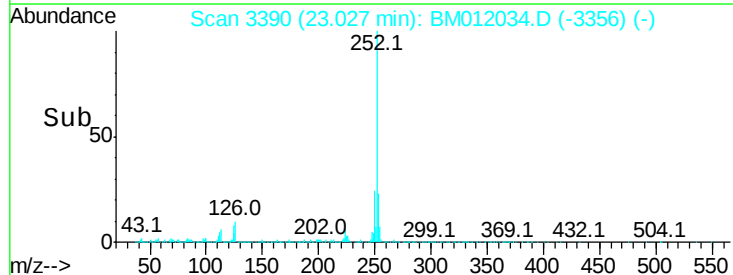
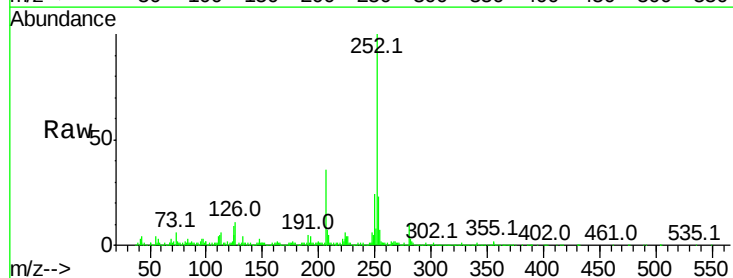
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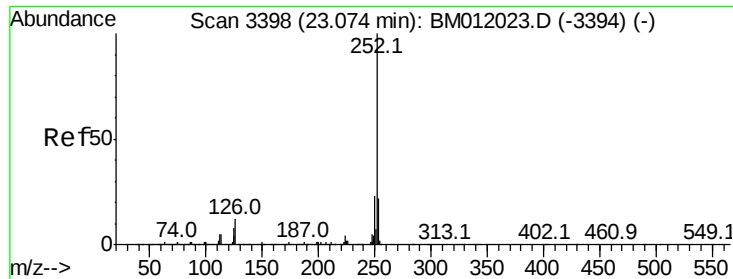
Delta R.T. -0.00 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Tgt Ion:	252	Resp:	1322922
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	9.0	3.6	5.4#





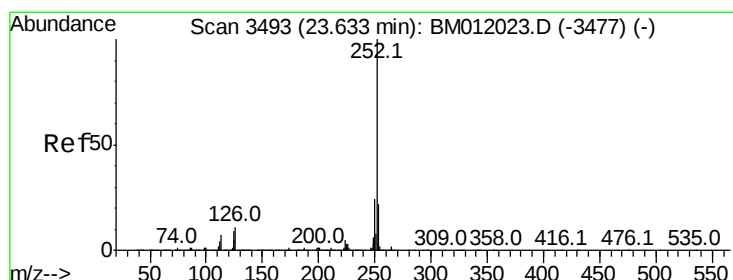
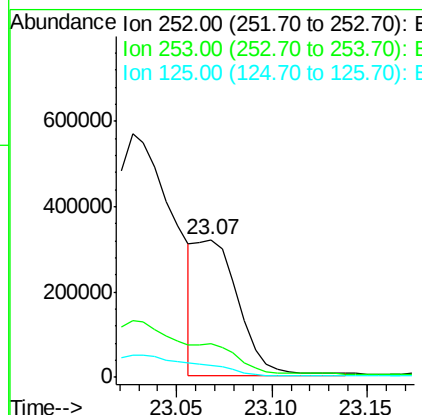
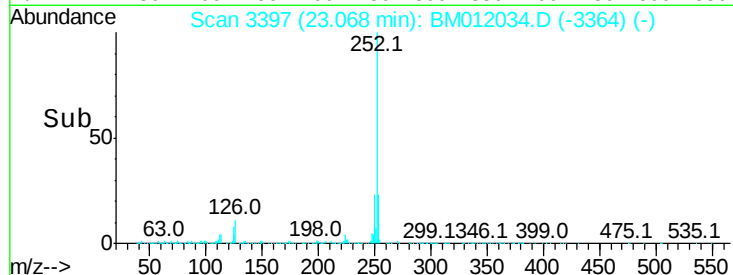
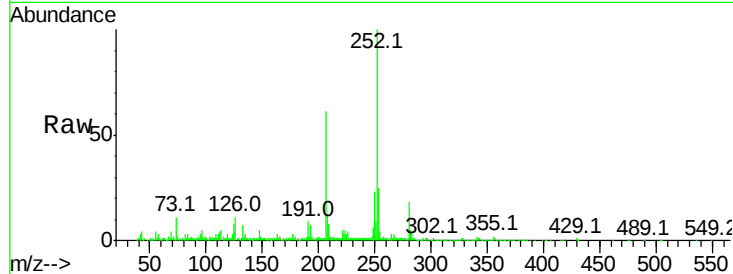
#86
Benzo(k)fluoranthene
Concen: 4.743 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM012034.D
Acq: 10 Oct 2017 04:04

Instrument :
BNA_M
ClientSampleId :
B-77(1-3)-092817

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	17.1	25.7
125	8.5	3.4	5.2#

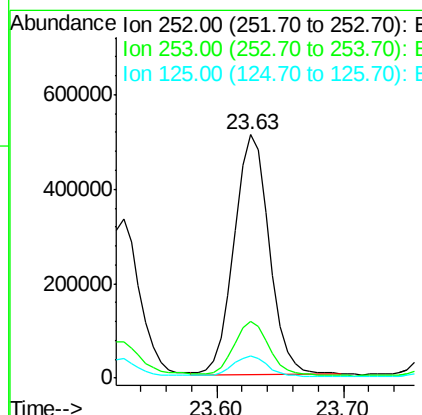
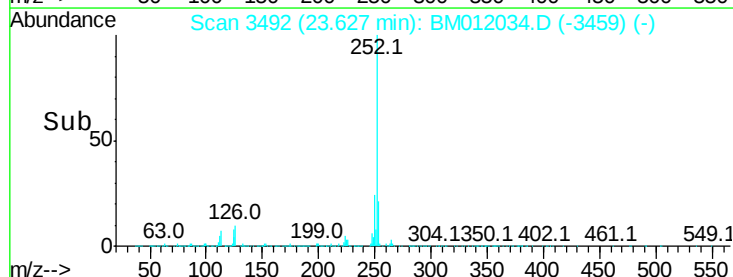
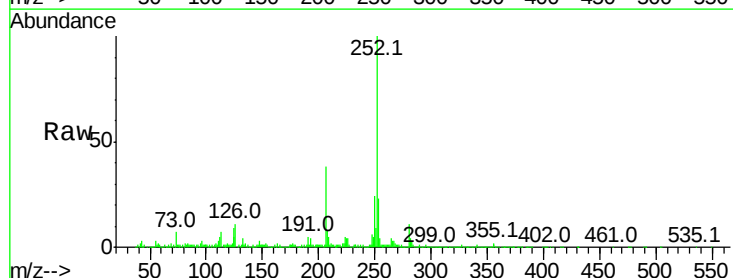
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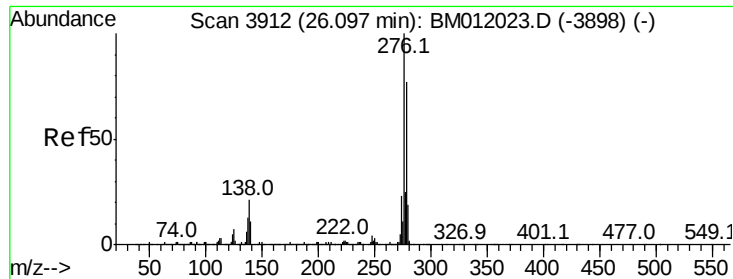
Sohil
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#88
Benzo(a)pyrene
Concen: 9.533 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM012034.D
Acq: 10 Oct 2017 04:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.2	4.0	6.0#





#89

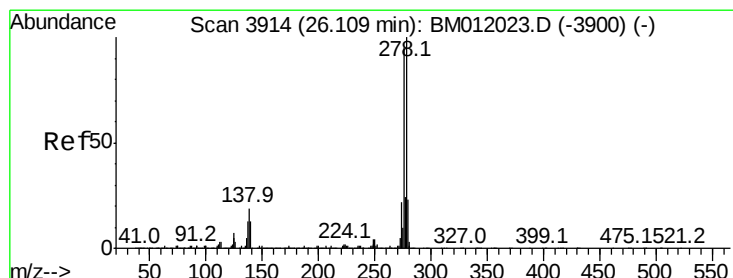
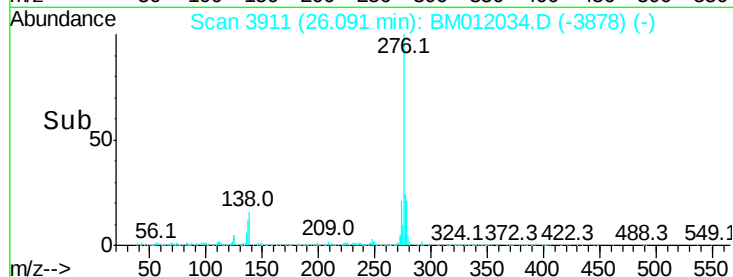
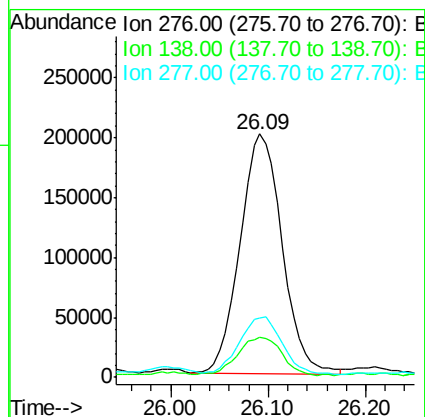
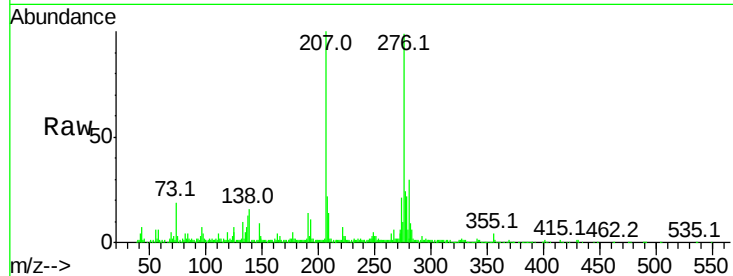
Indeno(1,2,3-cd)pyrene
Concen: 5.451 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012034.D
Acq: 10 Oct 2017 04:04

Instrument :
BNA_M
ClientSampleId :
B-77(1-3)-092817

Tot Ion	Ratio	Resp	Lower	Upper
276	100	600606		
138	16.3	9.3	13.9#	
277	24.5	19.9	29.9	

Manual Integrations
APPROVED

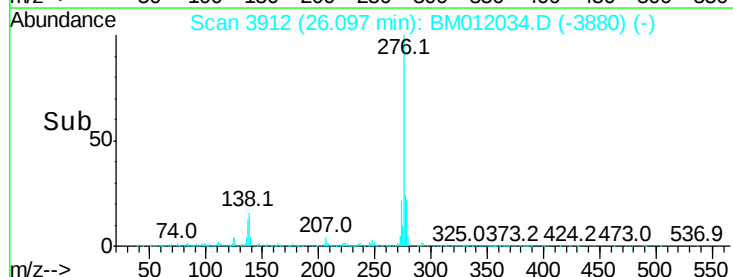
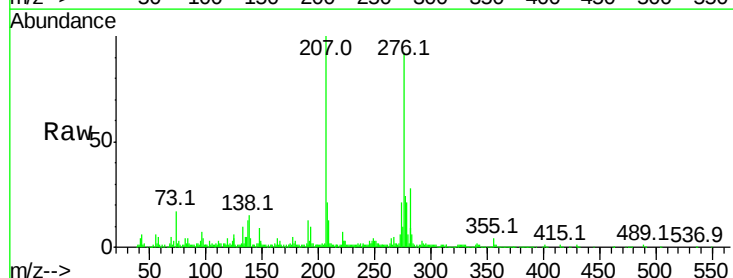
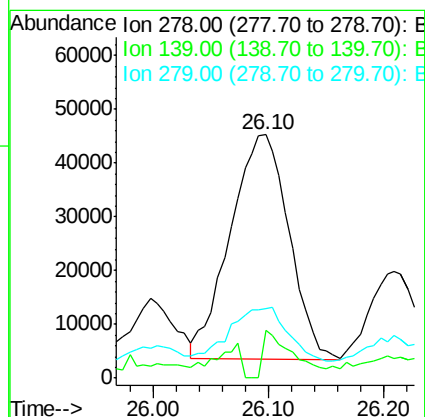
Sohil
10/10/2017 5:05:59 PM

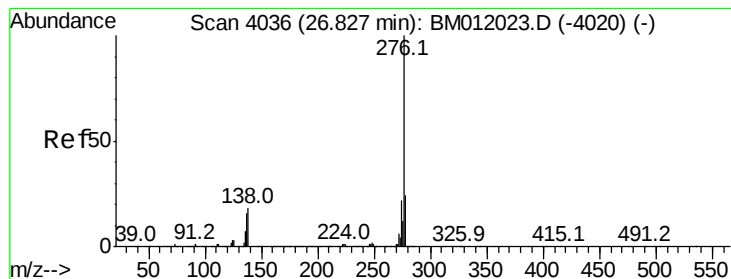


#90

Dibenzo(a,h)anthracene
Concen: 1.624 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM012034.D
Acq: 10 Oct 2017 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	147007		
139	19.7	5.8	8.8#	
279	28.8	18.6	27.8#	





#91

Benzo(a,h,i)perylene

Concen: 5.631 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. -0.01 min

Lab File: BM012034.D

Acq: 10 Oct 2017 04:04

Instrument :

BNA_M

ClientSampleId :

B-77(1-3)-092817

Tot Ion:	276	Resp:	513222
Ion Ratio	Lower	Upper	
276	100		
138	19.3	8.5	12.7#
277	24.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
10/10/2017 5:05:59 PM

