

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012203.D
 Acq On : 15 Oct 2017 11:35
 Operator : SJ/JU
 Sample : I5548-22
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual Integrations
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Sohil
 10/16/2017 7:48:49 PM

Quant Time: Oct 16 02:33:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	176687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	757459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	468423	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1040709	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	907908	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	884753	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11105	2.99	ng/uL	0.00
5) Phenol-d5	6.99	99	246368	17.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	140829	16.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	231437	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	203863	16.52	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	111870	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	126003	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	254113	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	97211m	8.05	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	856086	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1043669	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	79177	12.72	ng/ul	0.00
57) Fluorene-d10	15.46	176	732576	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	29770	4.17	ng/ul	0.01
70) Anthracene-d10	17.31	188	1093642	21.25	ng/ul	0.00
76) Pyrene-d10	19.61	212	1068675	23.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	899753	21.09	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	302848	7.301	ng/ul	99
69) Phenanthrene	17.26	178	315002	5.321	ng/ul	99
71) Anthracene	17.34	178	85397m	1.393	ng/ul	
74) Fluoranthene	19.27	202	786085	11.002	ng/ul#	96
77) Pyrene	19.64	202	709076	11.826	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	422813	7.157	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.29	149	330406	8.250	ng/ul	99
82) Chrysene	21.43	228	416410m	7.508	ng/ul	
85) Benzo(b)fluoranthene	23.01	252	564997	9.786	ng/ul#	90
86) Benzo(k)fluoranthene	23.05	252	185064m	3.326	ng/ul	
88) Benzo(a)pyrene	23.61	252	391743	7.199	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.08	276	283527	4.906	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.07	278	71523	1.472	ng/ul#	49
91) Benzo(g,h,i)perylene	26.81	276	290254	6.132	ng/ul#	88

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

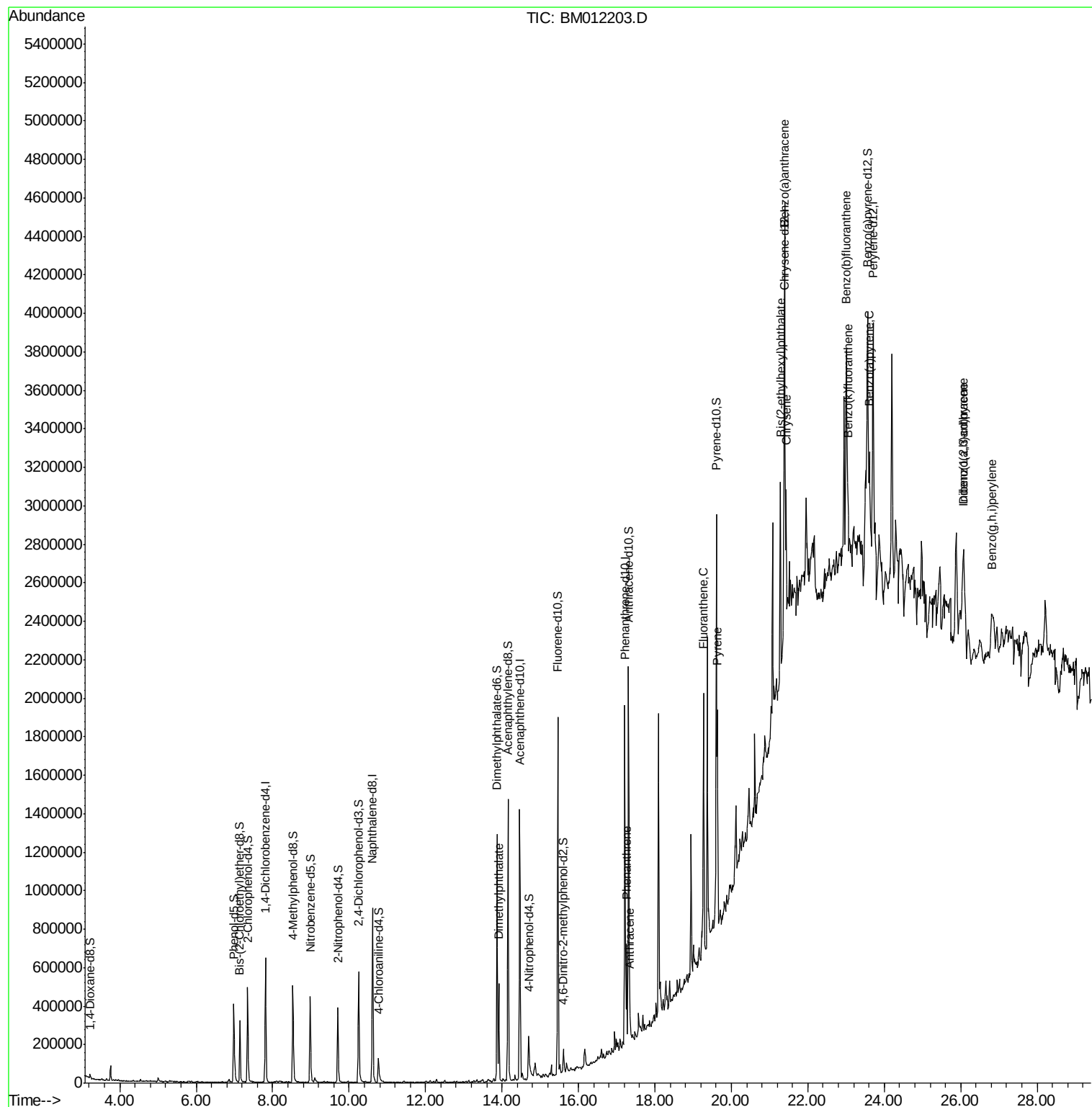
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

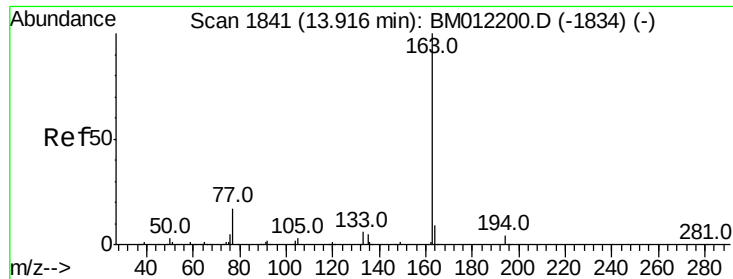
Instrument :
BNA_M
ClientSampled :
C0AE8

Manual Integrations
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Quant Time: Oct 16 02:33:18 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





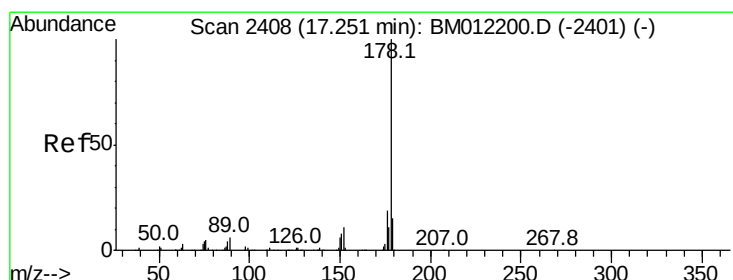
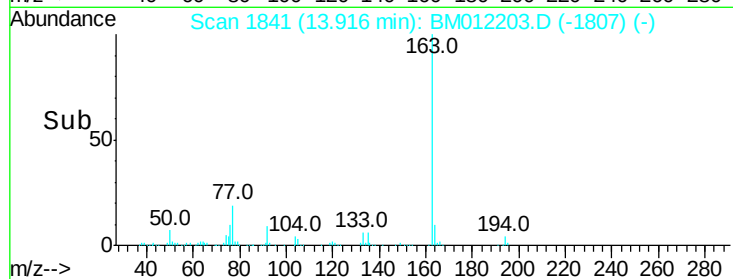
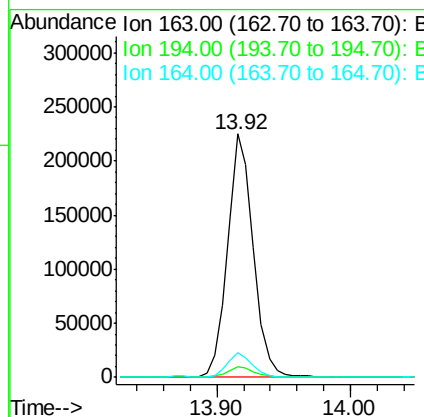
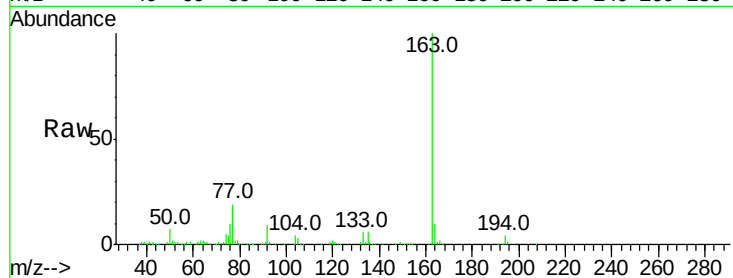
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Dimethylphthalate
Concen: 7.301 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Instrument :
BNA_M
ClientSampleId :
C0AE8

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.2	12.4

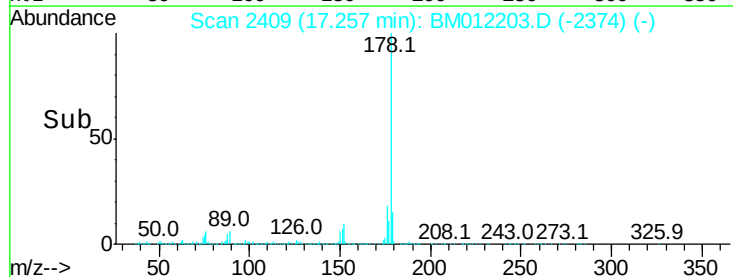
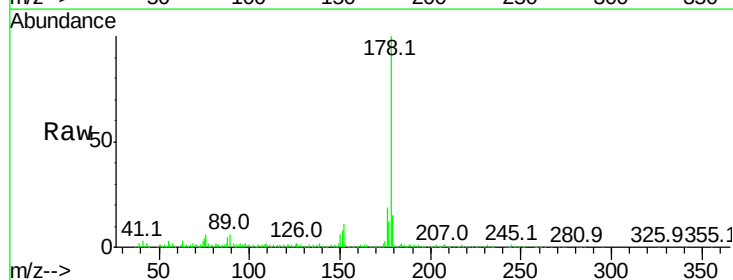
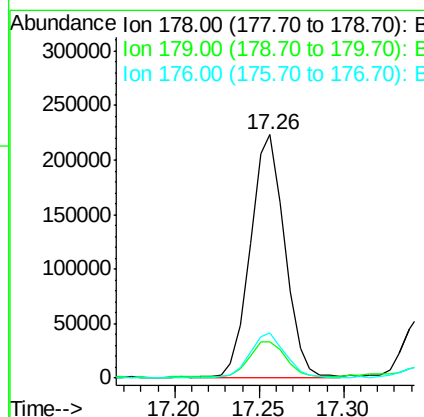
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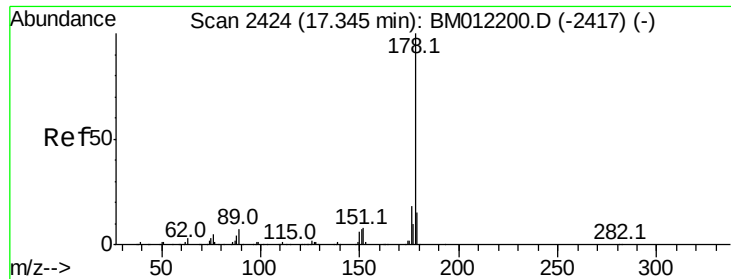
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#69
Phenanthrene
Concen: 5.321 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.5	14.9	22.3





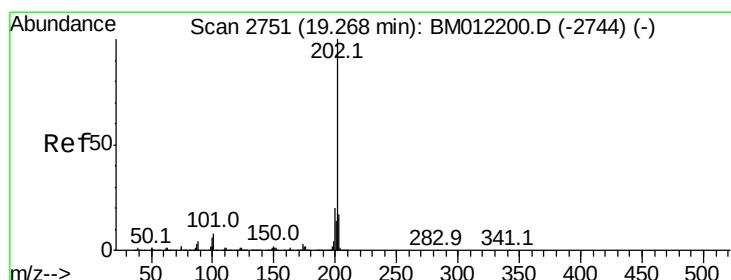
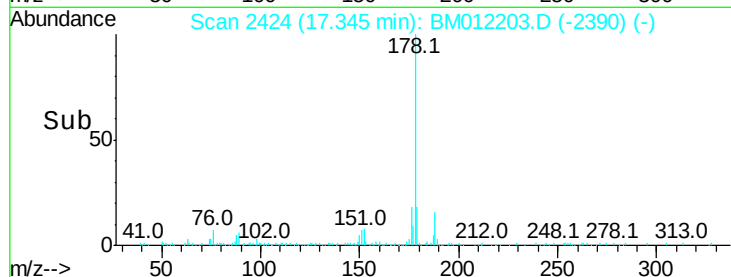
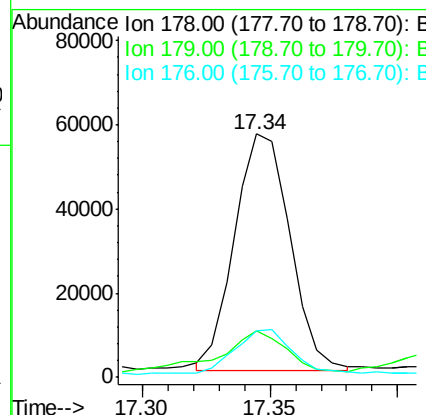
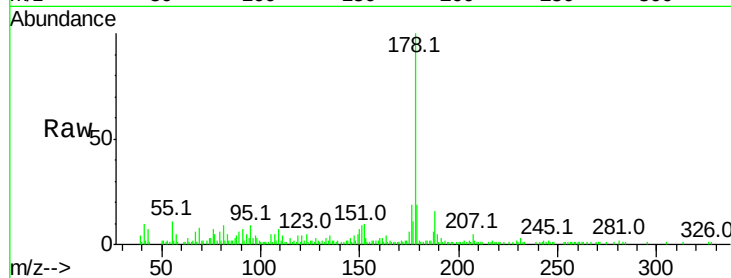
#71
 Anthracene
 Concen: 1.393 ng/ul m
 RT: 17.34 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BM012203.D
 Acq: 15 Oct 2017 11:35

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	11.7	17.5#
176	19.0	14.6	21.8

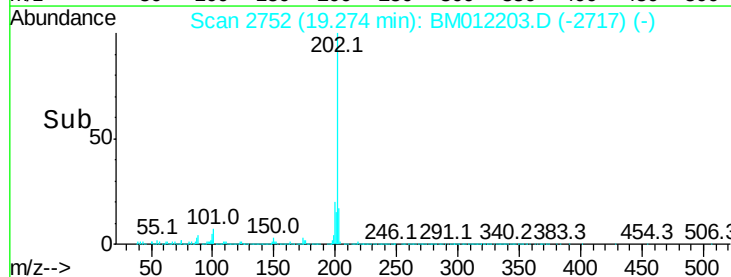
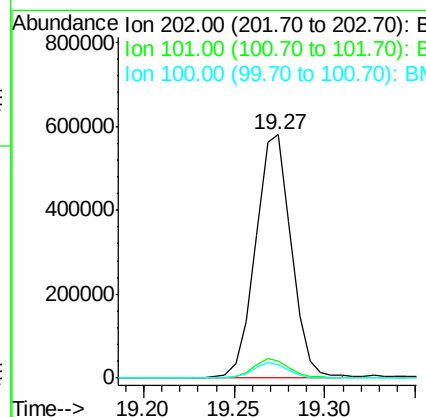
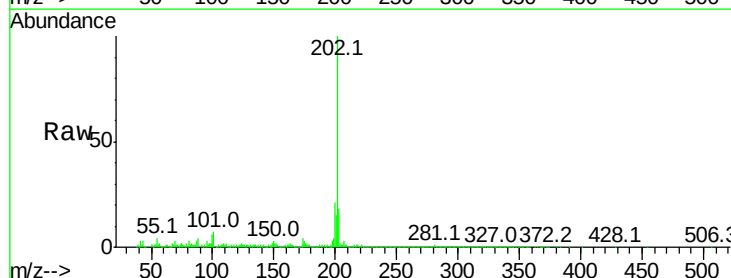
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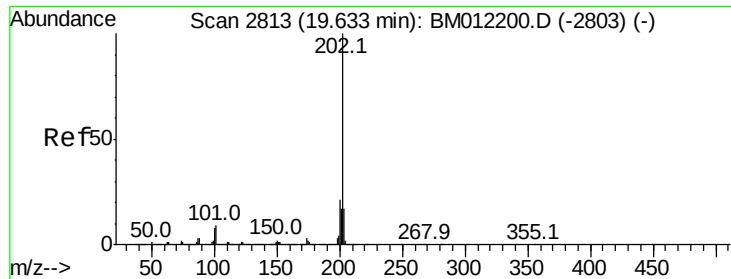
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#74
 Fluoranthene
 Concen: 11.002 ng/ul
 RT: 19.27 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BM012203.D
 Acq: 15 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	5.6	3.4	5.2#





#77

Pvrene

Concen: 11.826 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Instrument :

BNA_M

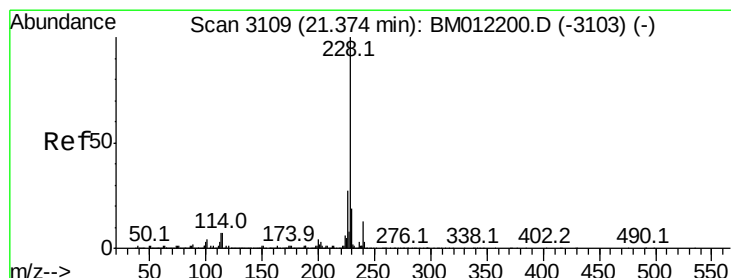
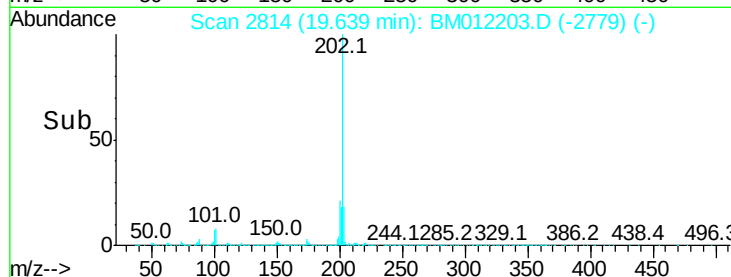
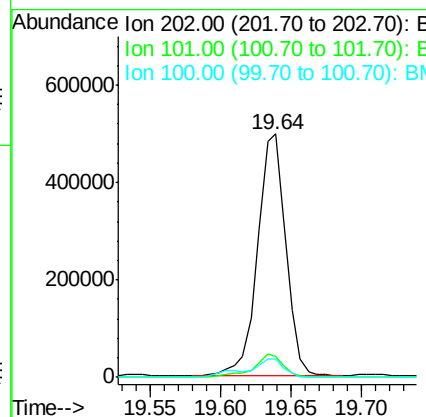
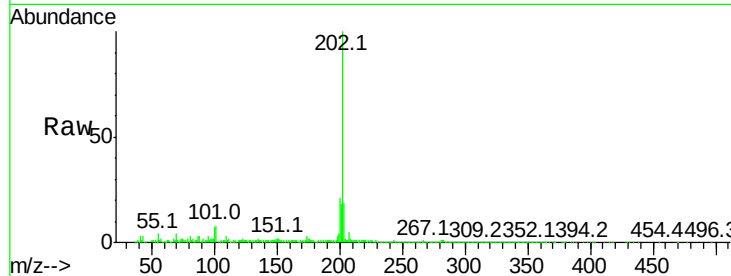
ClientSampleId :

C0AE8

Tot Ion:	202	Resp:	709076
Ion Ratio	Lower	Upper	
202	100		
101	8.5	5.1	7.7#
100	7.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 7.157 ng/ul

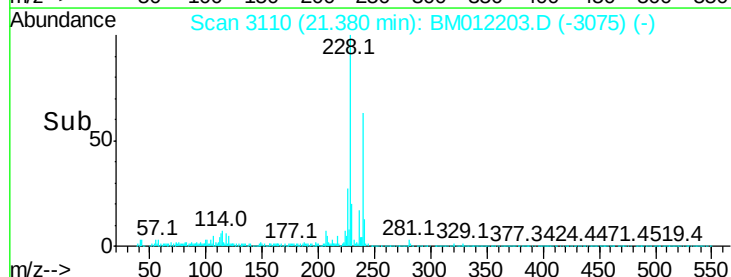
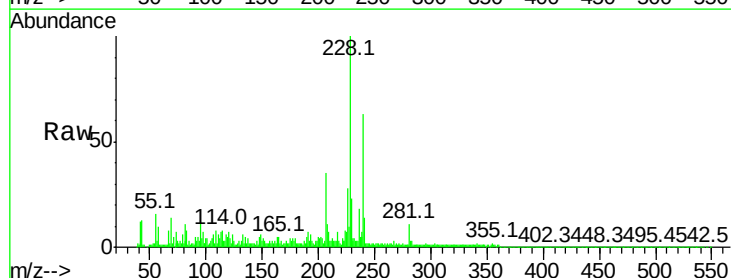
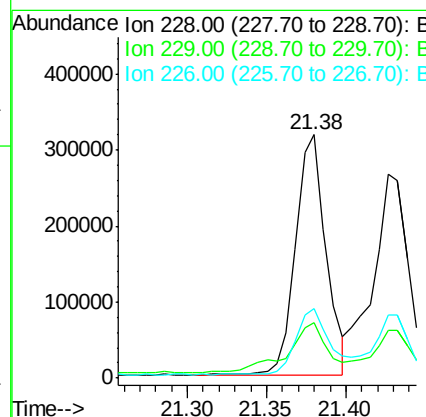
RT: 21.38 min Scan# 3110

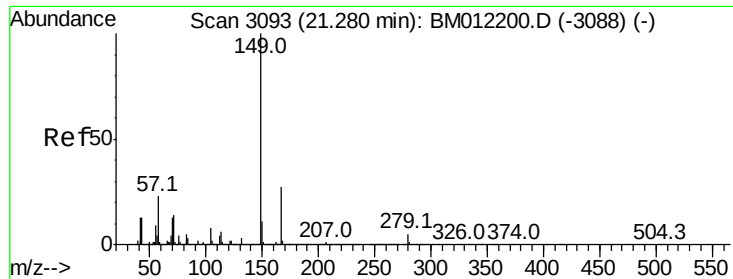
Delta R.T. 0.01 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Tgt Ion:	228	Resp:	422813
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.4	23.0
226	28.4	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 8.250 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Instrument :

BNA_M

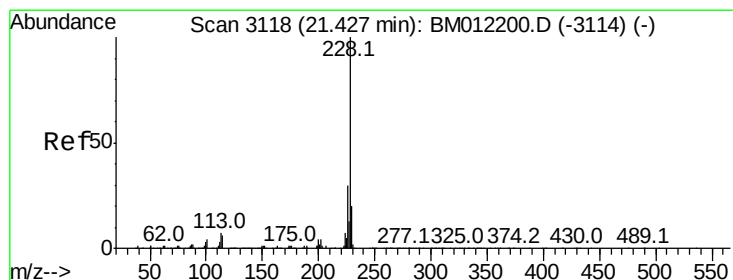
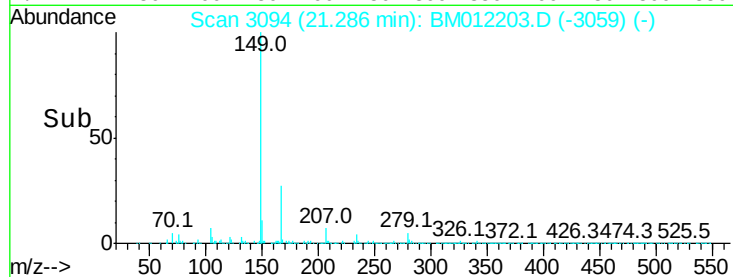
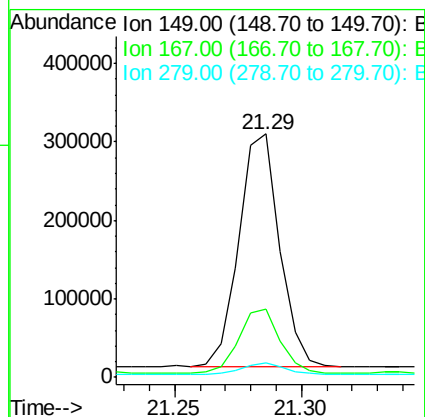
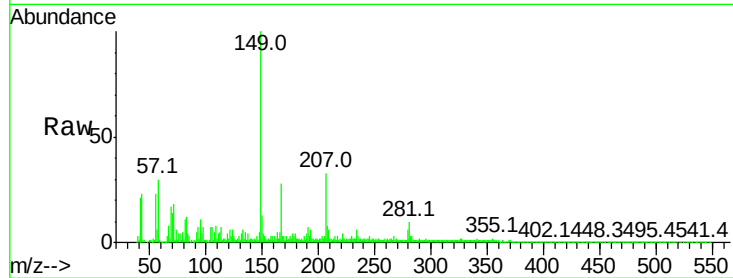
ClientSampleId :

C0AE8

Tot Ion:	149	Resp:	330406
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.8	34.2
279	5.9	4.9	7.3

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#82

Chrysene

Concen: 7.508 ng/ul m

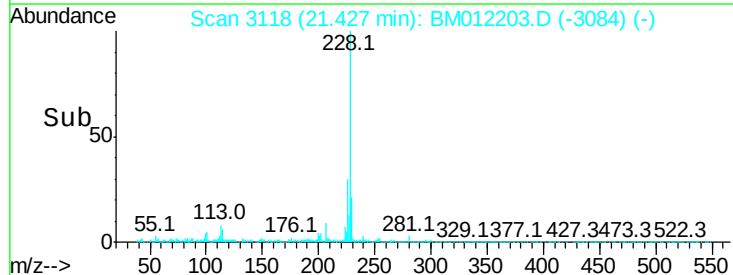
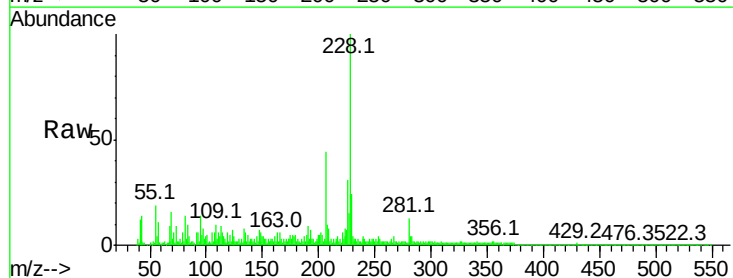
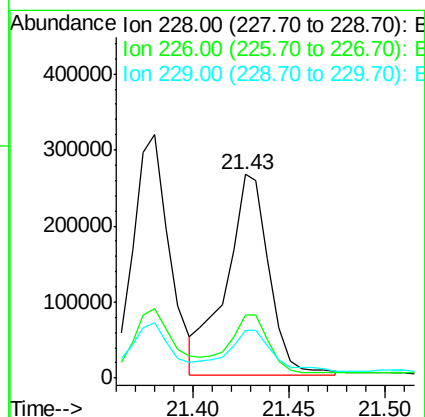
RT: 21.43 min Scan# 3118

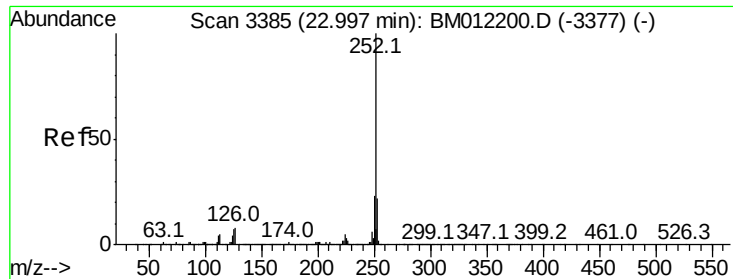
Delta R.T. 0.00 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Tgt Ion:	228	Resp:	416410
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.2
229	23.8	15.5	23.3#





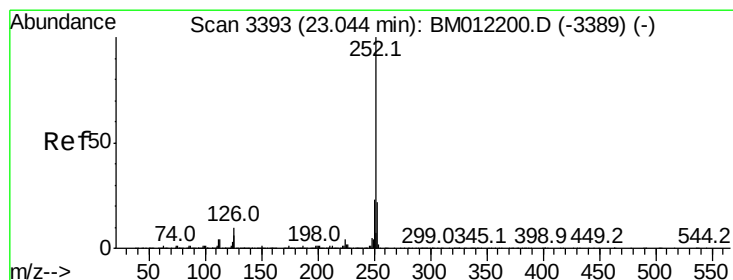
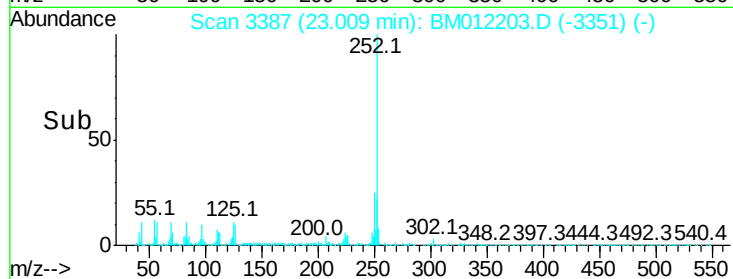
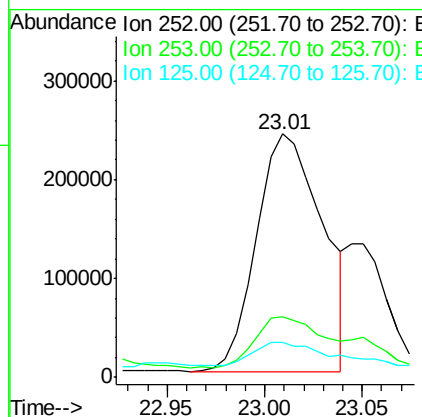
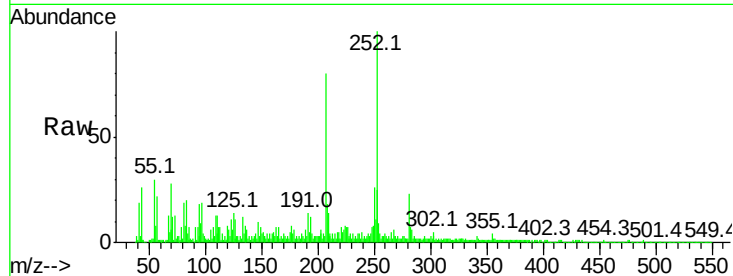
#85
Benzo(b)fluoranthene
Concen: 9.786 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Instrument :
BNA_M
ClientSampleId :
C0AE8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.0	17.9	26.9
125	14.2	3.6	5.4

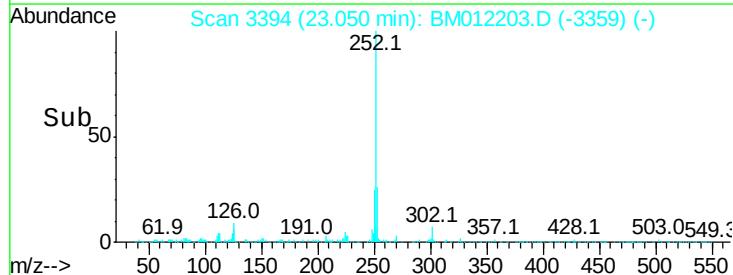
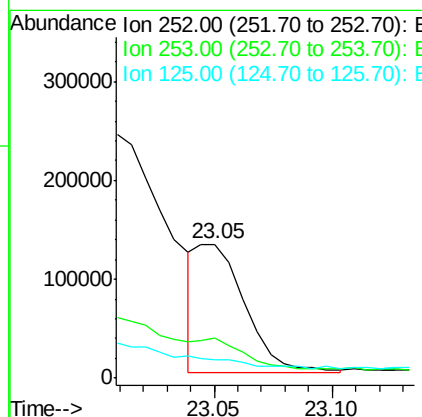
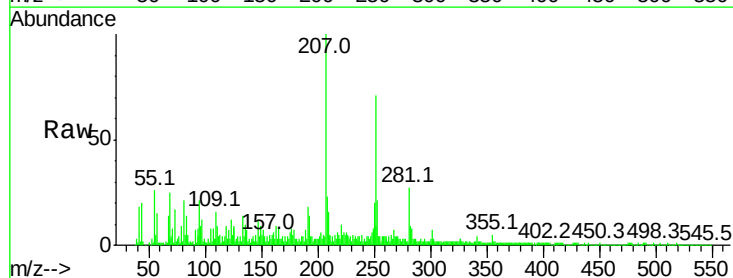
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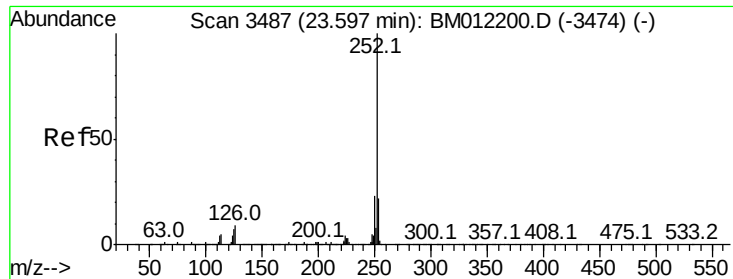
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#86
Benzo(k)fluoranthene
Concen: 3.326 ng/ul m
RT: 23.05 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	30.0	17.1	25.7
125	13.3	3.4	5.2





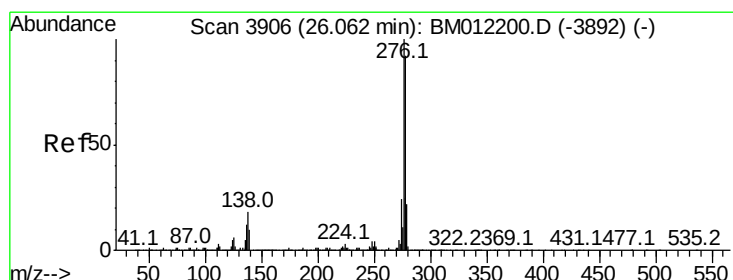
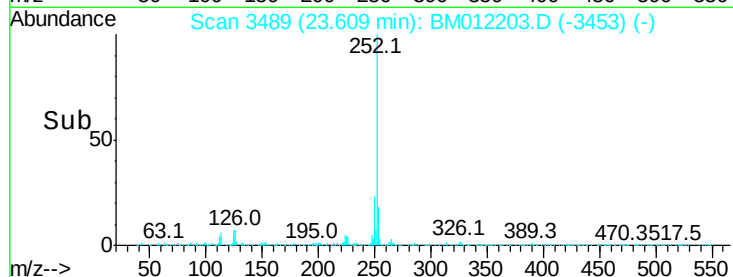
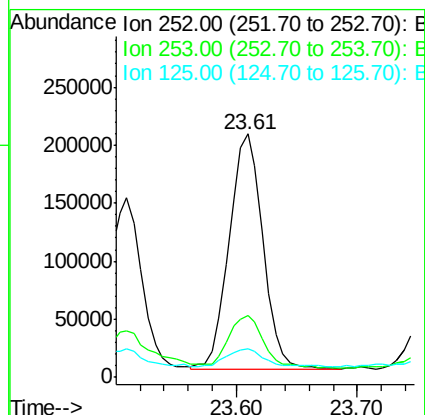
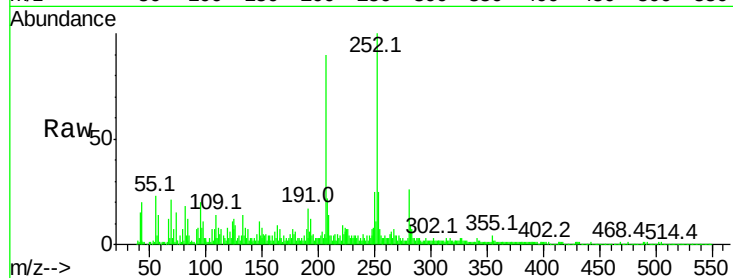
#88
Benzo(a)pyrene
Concen: 7.199 ng/ul
RT: 23.61 min Scan# 3489
Delta R.T. 0.01 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Instrument :
BNA_M
ClientSampleId :
C0AE8

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.4	18.2	27.2	
125	11.9	4.0	6.0	

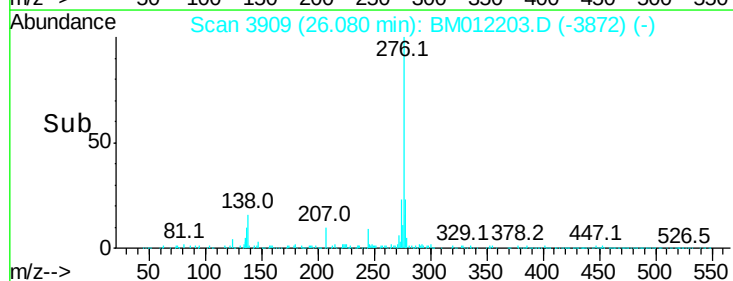
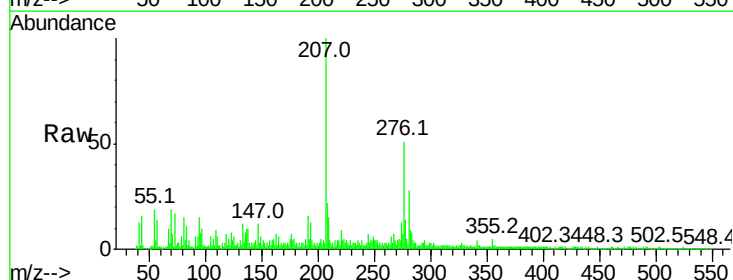
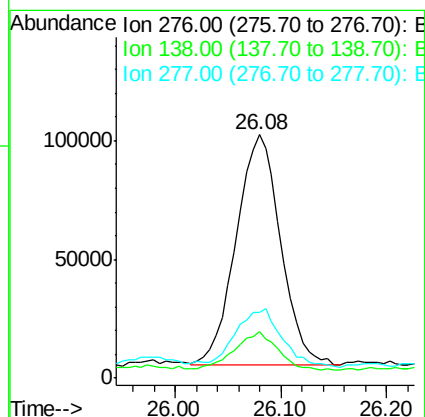
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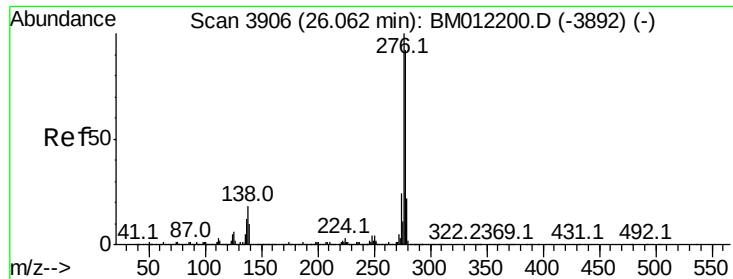
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#89
Indeno(1,2,3-cd)pyrene
Concen: 4.906 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BM012203.D
Acq: 15 Oct 2017 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	19.3	9.3	13.9	
277	27.2	19.9	29.9	





#90

Dibenzo(a,h)anthracene

Concen: 1.472 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. 0.01 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Instrument :

BNA_M

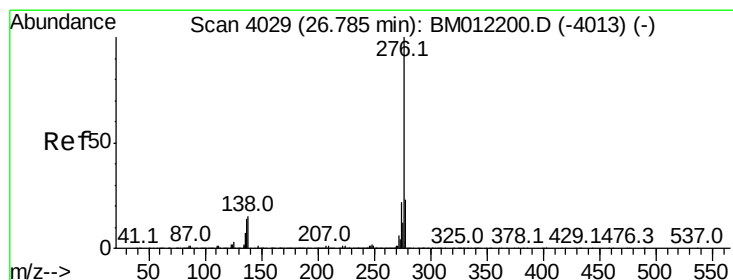
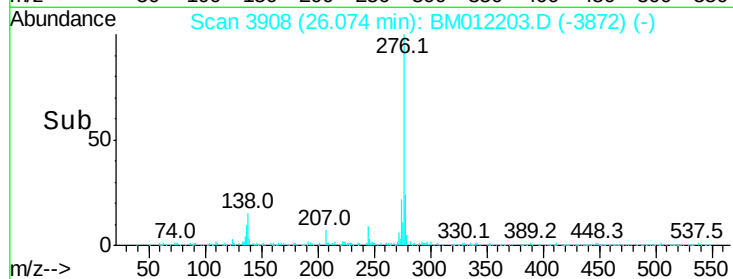
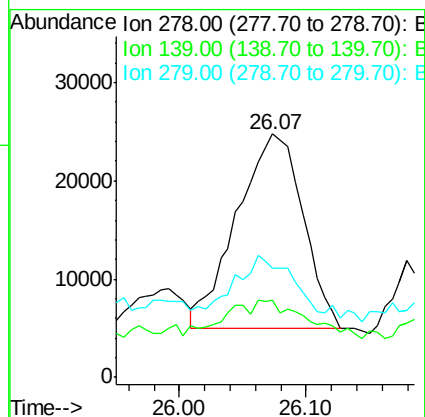
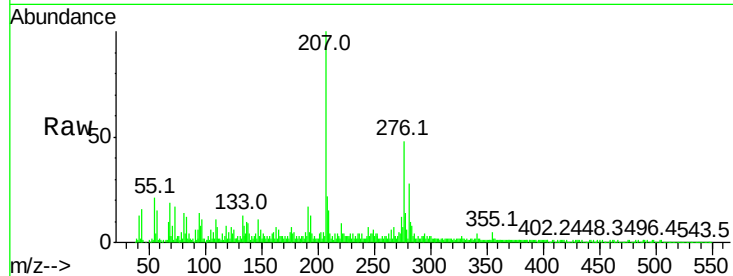
ClientSampled :

C0AE8

Tot Ion:	278	Resp:	71523
Ion Ratio	Lower	Upper	
278	100		
139	31.9	5.8	8.8#
279	44.9	18.6	27.8#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 6.132 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. 0.03 min

Lab File: BM012203.D

Acq: 15 Oct 2017 11:35

Tgt Ion:	276	Resp:	290254
Ion Ratio	Lower	Upper	
276	100		
138	14.8	8.5	12.7#
277	29.6	18.6	28.0#

