

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012184.D
 Acq On : 14 Oct 2017 23:29
 Operator : SJ/JU
 Sample : I5522-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Manual Integrations
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Sohil
 10/16/2017 7:48:11 PM

Quant Time: Oct 15 06:34:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	132028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	599353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	413441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1148759	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1475617	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1466416	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8992	3.24	ng/uL	0.00
5) Phenol-d5	6.98	99	177252	16.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	112194	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	166258	18.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	164153	17.80	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	83489	18.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	100535	18.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	192771	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	140882m	14.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	724062	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	848026	19.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	75065	13.66	ng/ul	0.00
57) Fluorene-d10	15.46	176	678405	22.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	119249	15.13	ng/ul	0.00
70) Anthracene-d10	17.31	188	1127715	19.85	ng/ul	0.00
76) Pyrene-d10	19.60	212	1467571	19.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1472902	20.83	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	211230	5.770	ng/ul	98
58) Fluorene	15.51	166	46255	1.322	ng/ul	98
69) Phenanthrene	17.25	178	955859	14.627	ng/ul	98
71) Anthracene	17.34	178	187623m	2.773	ng/ul	
72) Carbazole	17.62	167	104428	1.824	ng/ul	96
74) Fluoranthene	19.27	202	2250974	28.542	ng/ul#	94
77) Pyrene	19.63	202	1894630	19.442	ng/ul#	93
80) Benzo(a)anthracene	21.37	228	1102100	11.478	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	240457	3.694	ng/ul#	98
82) Chrysene	21.43	228	1232573	13.673	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	1607526	16.798	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	555533m	6.024	ng/ul	
88) Benzo(a)pyrene	23.60	252	989731	10.973	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.05	276	613807	6.408	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.05	278	154629	1.920	ng/ul#	86
91) Benzo(g,h,i)perylene	26.78	276	488696	6.230	ng/ul#	94

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

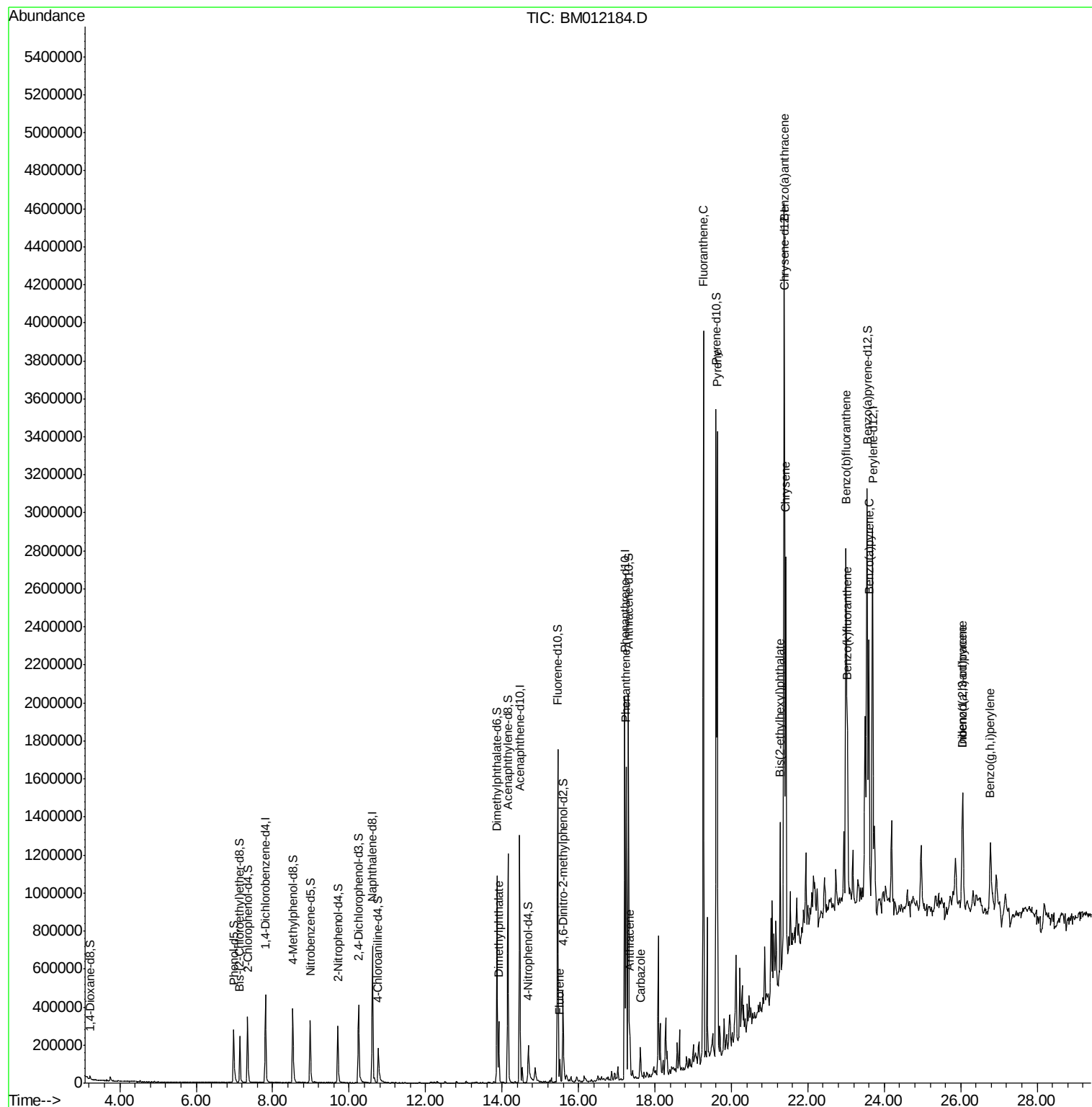
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012184.D
Acq On : 14 Oct 2017 23:29
Operator : SJ/JU
Sample : I5522-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

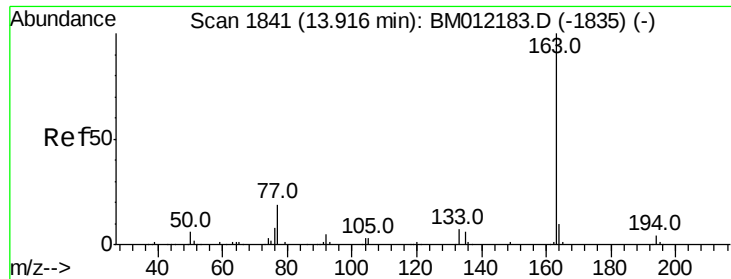
Instrument :
BNA_M
ClientSampled :
C0AD3

Manual Integrations
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Quant Time: Oct 15 06:34:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.770 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Instrument :

BNA_M

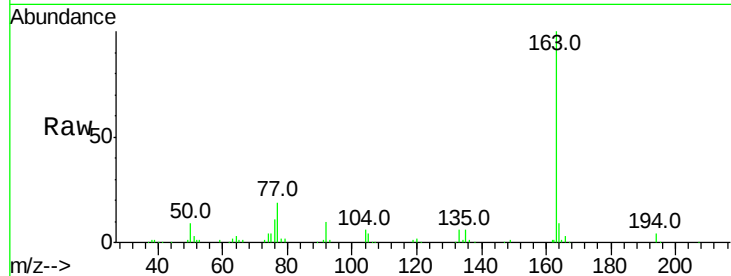
ClientSampled :

C0AD3

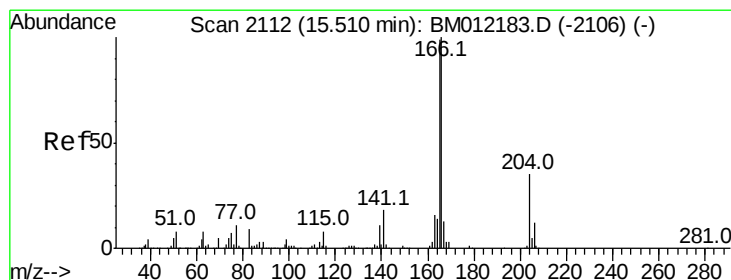
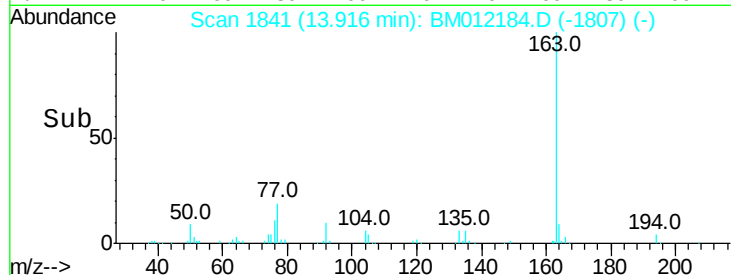
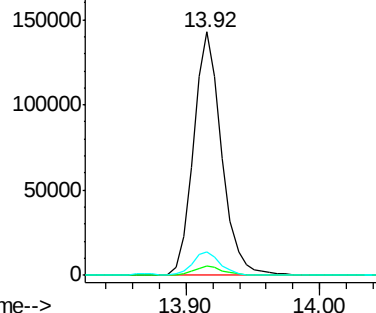
Tot Ion:	163	Resp:	211230
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.4	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#58

Fluorene

Concen: 1.322 ng/ul

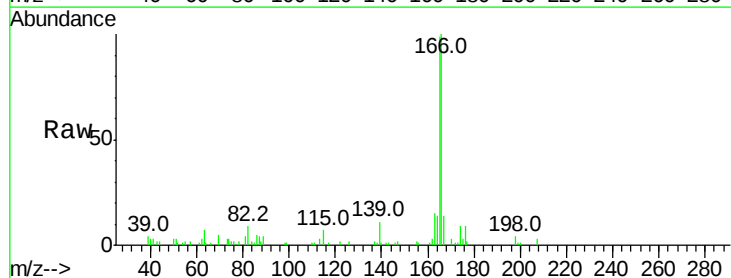
RT: 15.51 min Scan# 2112

Delta R.T. -0.00 min

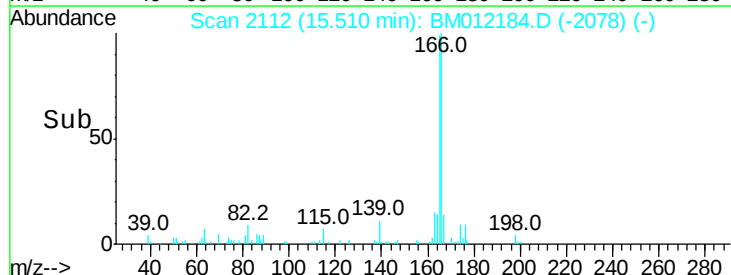
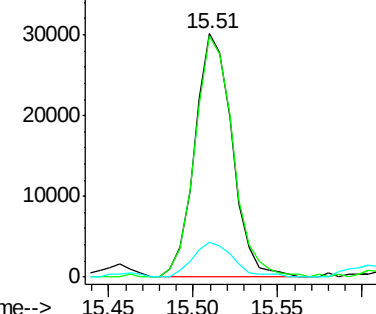
Lab File: BM012184.D

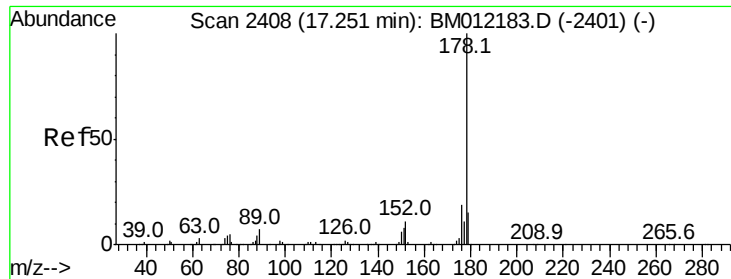
Acq: 14 Oct 2017 23:29

Tgt Ion:	166	Resp:	46255
Ion Ratio	Lower	Upper	
166	100		
165	98.8	77.9	116.9
167	14.2	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





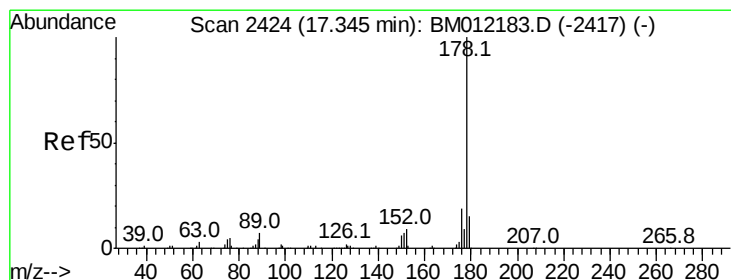
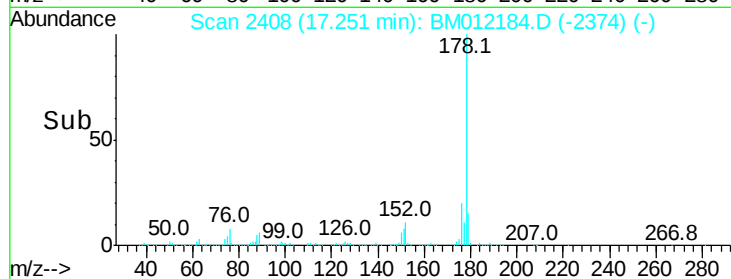
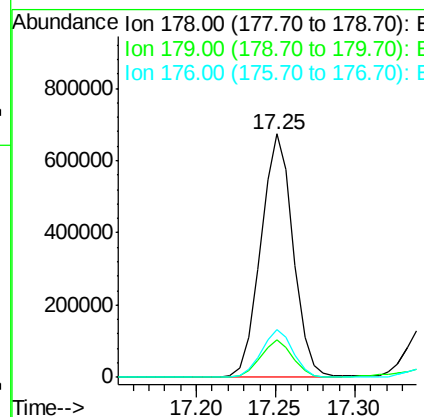
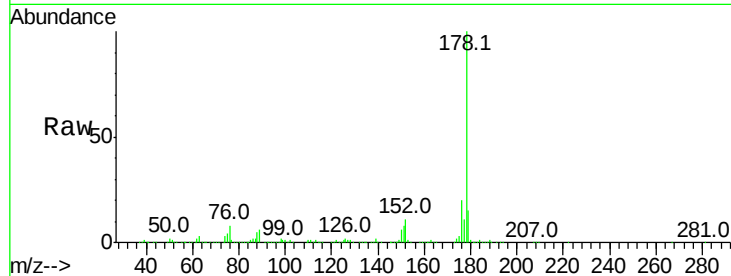
#69
Phenanthrene
Concen: 14.627 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.6	14.9	22.3

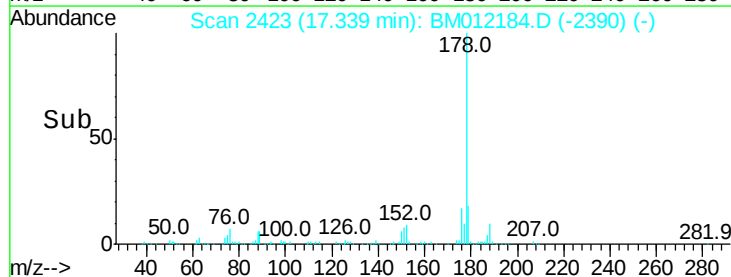
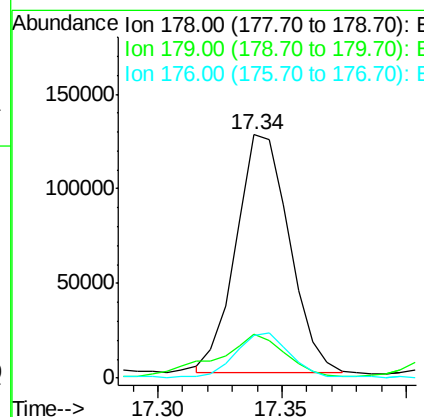
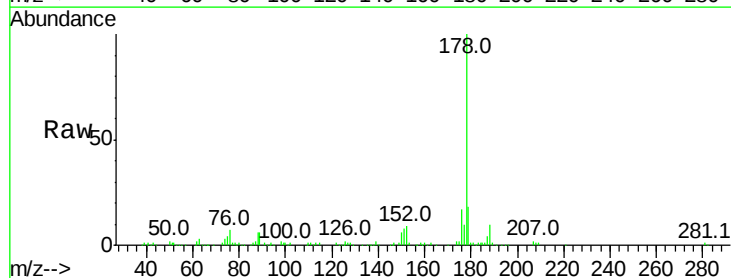
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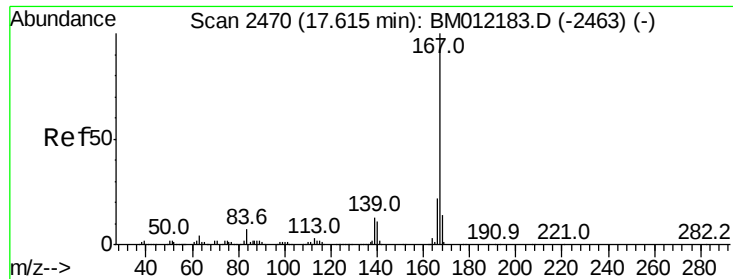
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#71
Anthracene
Concen: 2.773 ng/ul m
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	11.7	17.5#
176	17.3	14.6	21.8





#72

Carbazole

Concen: 1.824 ng/ul

RT: 17.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Instrument :

BNA_M

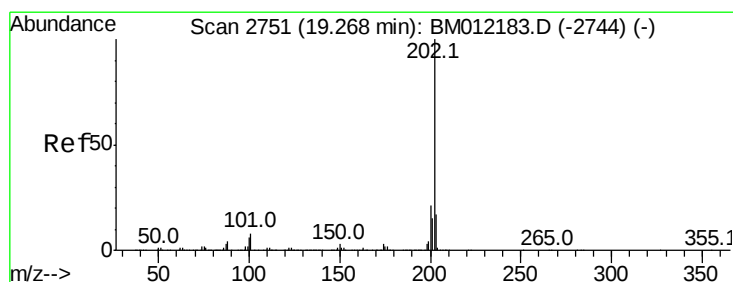
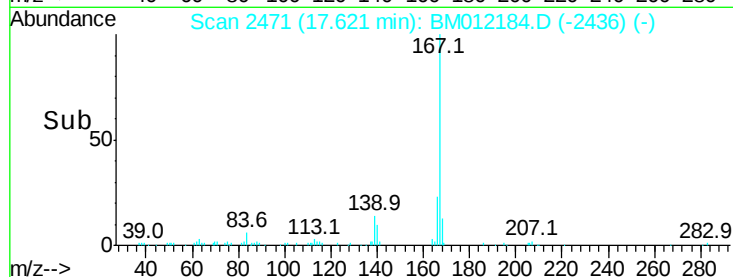
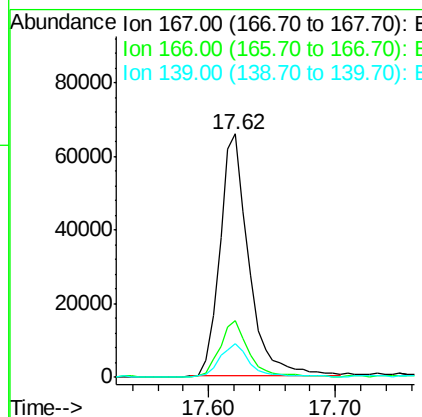
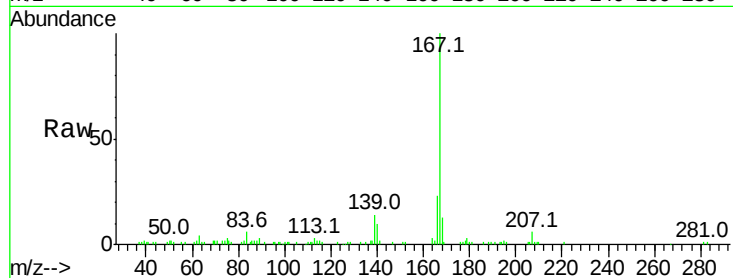
ClientSampleId :

C0AD3

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.1	25.7
139	14.1	10.0	15.0

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#74

Fluoranthene

Concen: 28.542 ng/ul

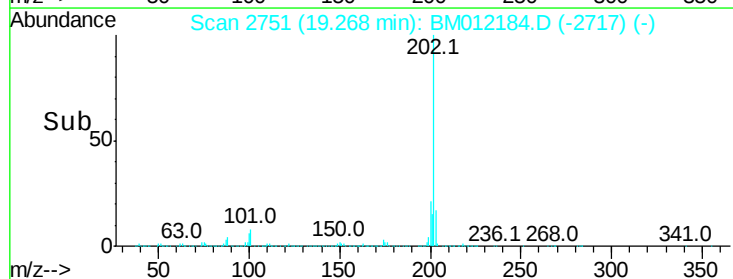
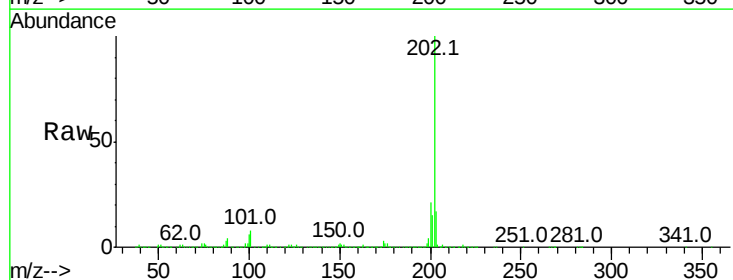
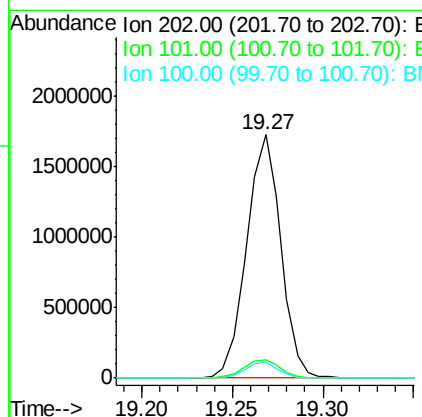
RT: 19.27 min Scan# 2751

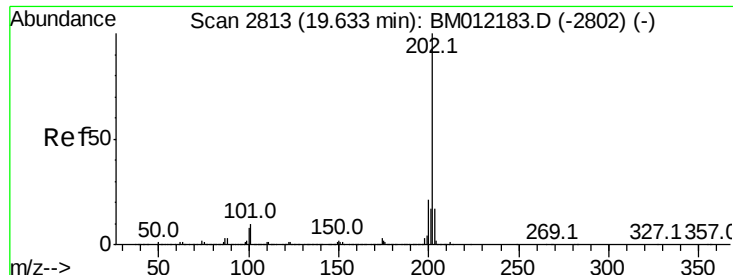
Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 19.442 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Instrument :

BNA_M

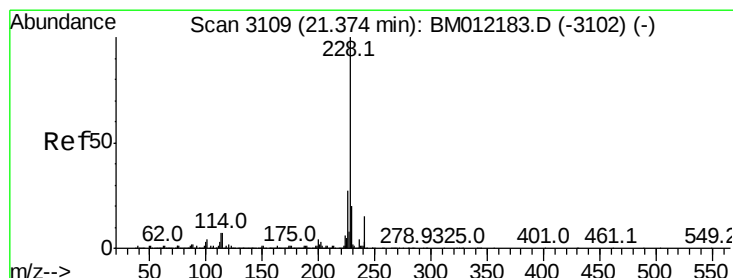
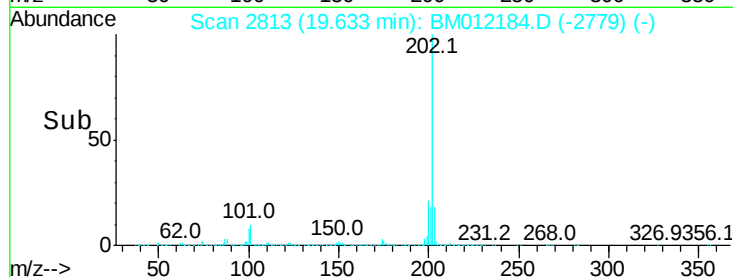
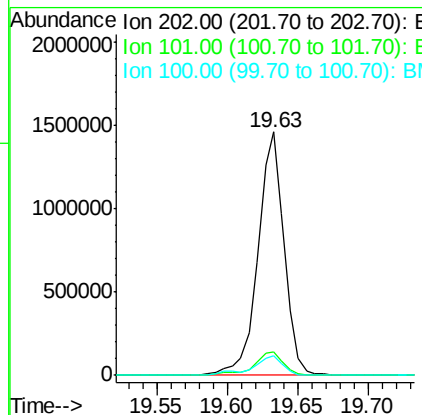
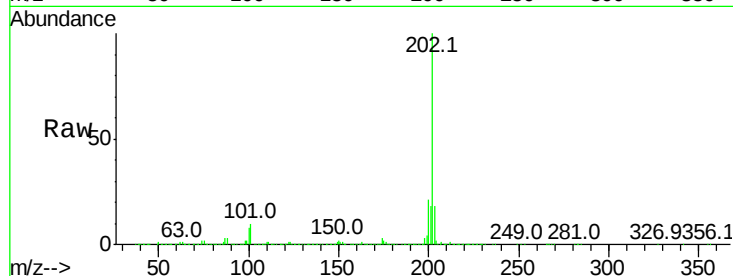
ClientSampleId :

C0AD3

Tot Ion:	202	Resp:	1894630
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.1	7.7#
100	8.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 11.478 ng/ul

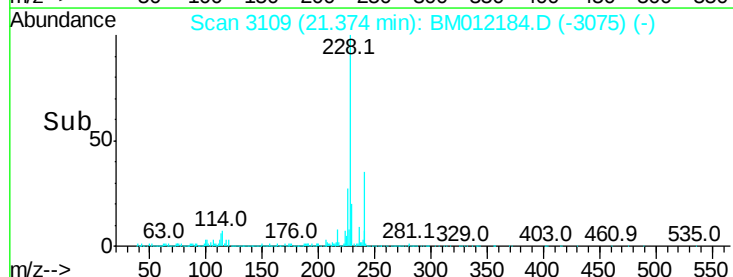
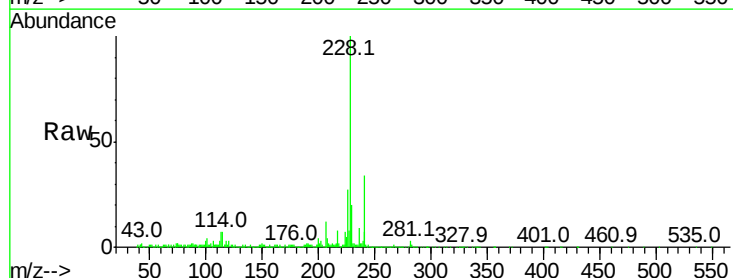
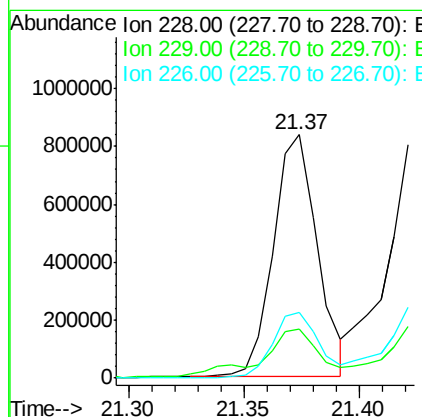
RT: 21.37 min Scan# 3109

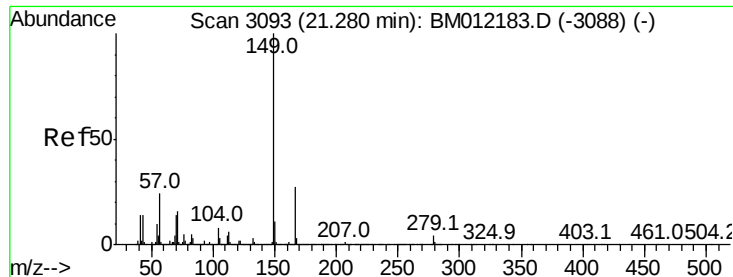
Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Tgt Ion:	228	Resp:	1102100
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.4	23.0
226	26.8	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 3.694 ng/ul

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Instrument :

BNA_M

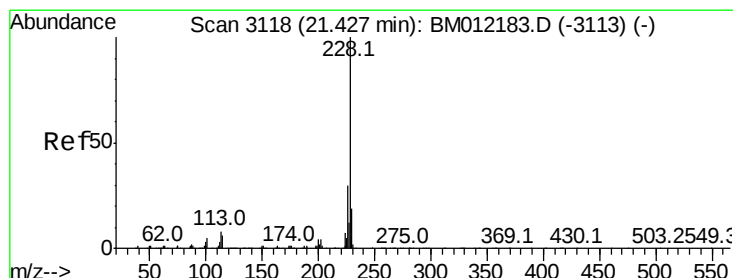
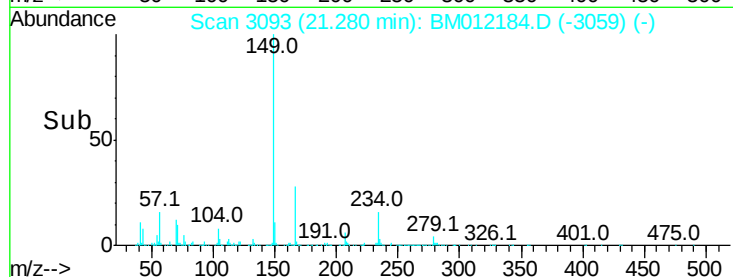
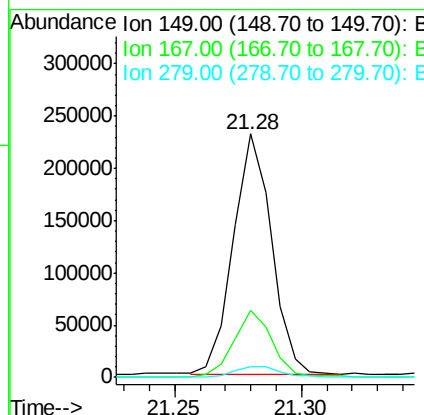
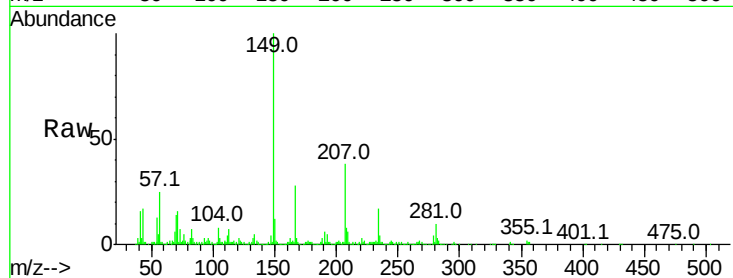
ClientSampleId :

C0AD3

Tot Ion:	149	Resp:	240457
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.8	34.2
279	4.3	4.9	7.3#

Manual Integrations
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#82

Chrysene

Concen: 13.673 ng/ul

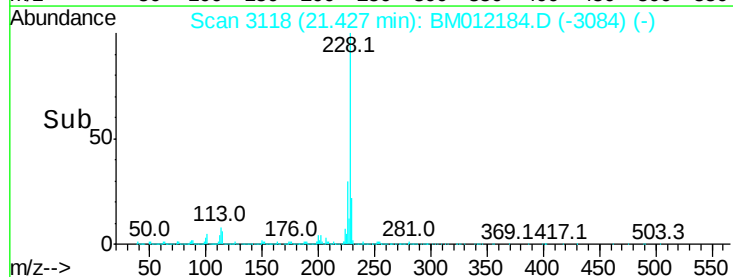
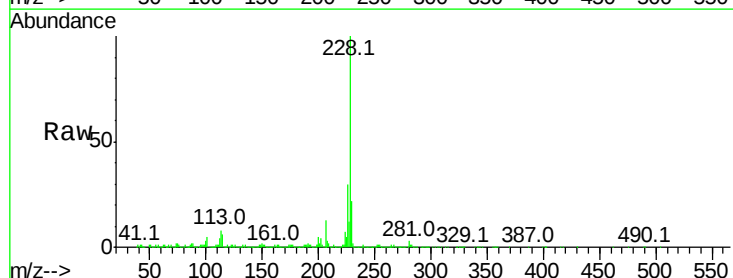
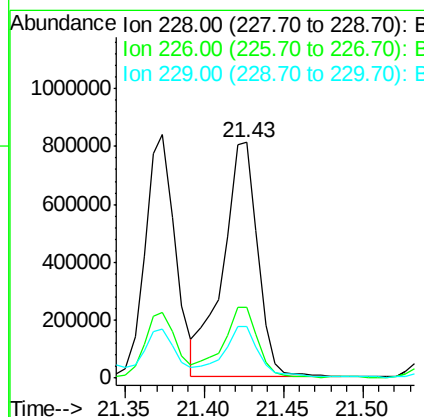
RT: 21.43 min Scan# 3118

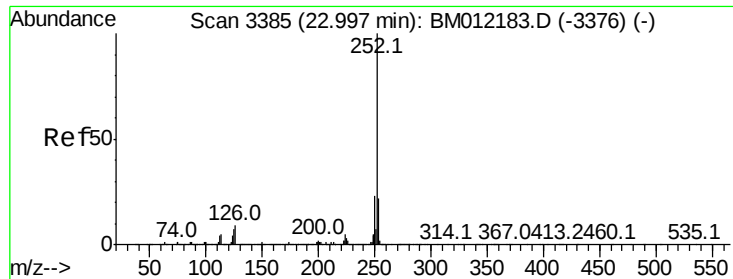
Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Tgt Ion:	228	Resp:	1232573
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	21.8	15.5	23.3





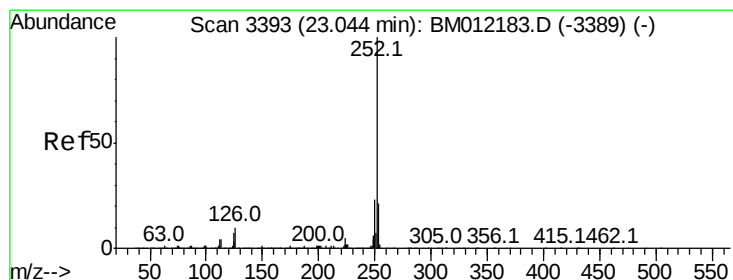
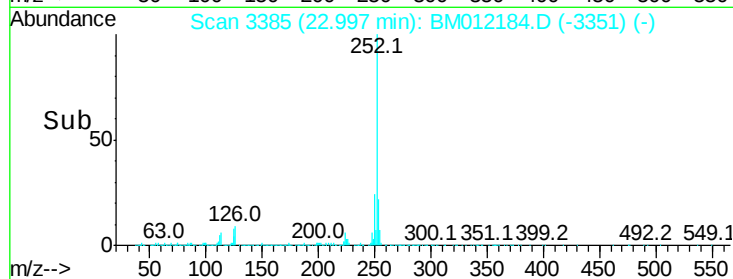
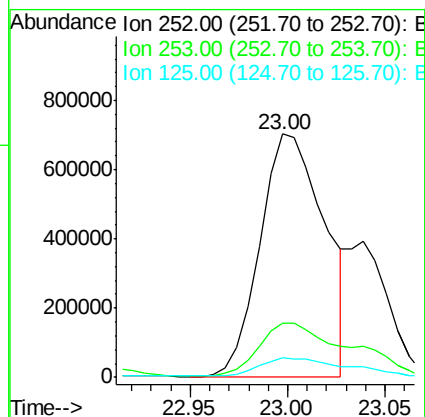
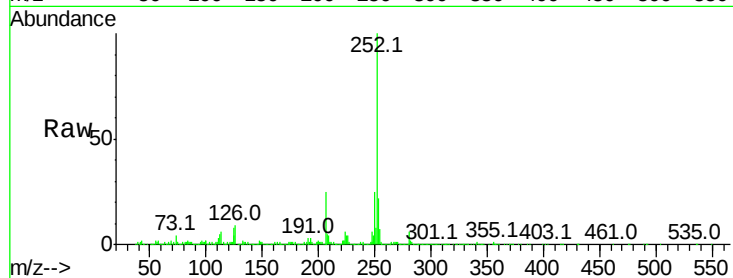
#85
Benzo(b)fluoranthene
Concen: 16.798 ng/ul
RT: 23.00 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.9	3.6	5.4

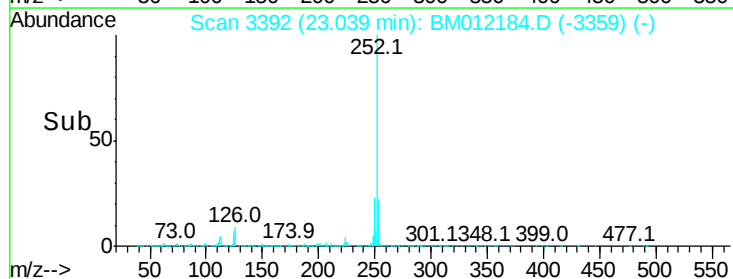
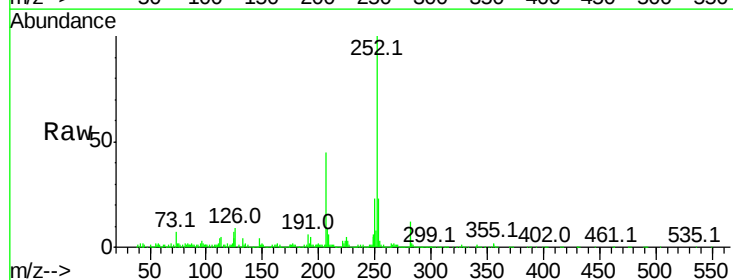
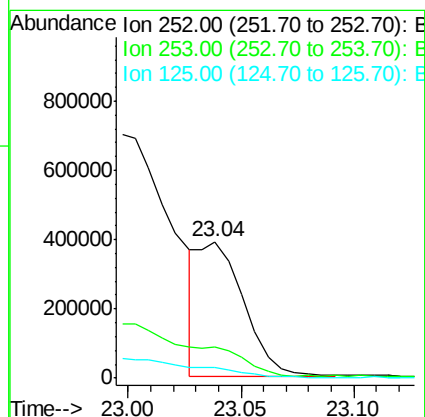
Manual Integrations
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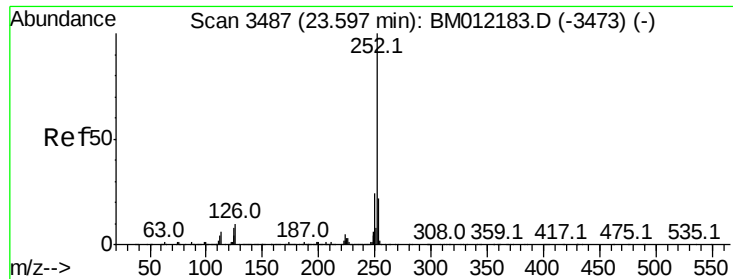
Sohil
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#86
Benzo(k)fluoranthene
Concen: 6.024 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.5	3.4	5.2





#88

Benzo(a)pyrene

Concen: 10.973 ng/u1

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Instrument :

BNA_M

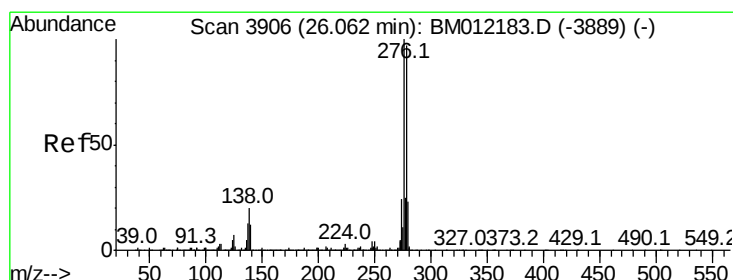
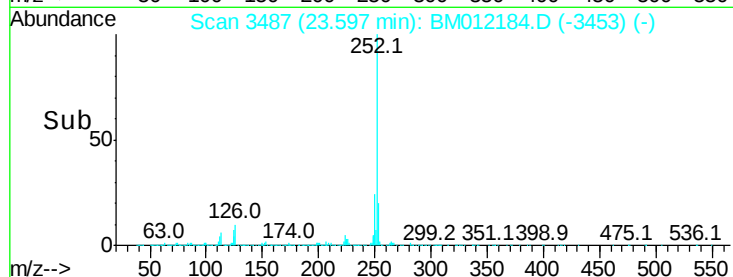
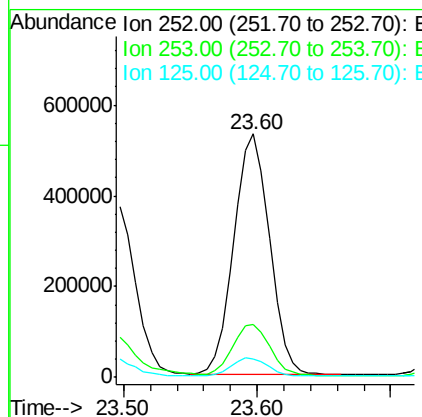
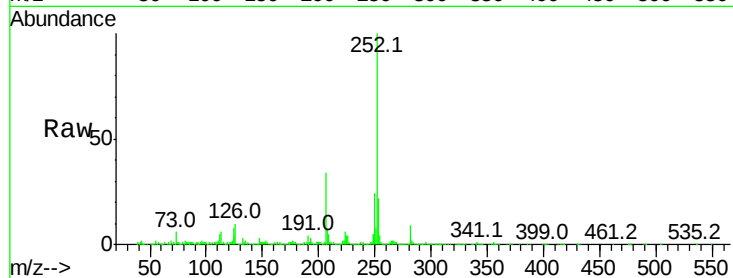
ClientSampleId :

C0AD3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	989731		
253	21.9	18.2	27.2	
125	7.7	4.0	6.0	

Manual Integrations
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Sohil
10/16/2017 7:48:11 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 6.408 ng/u1

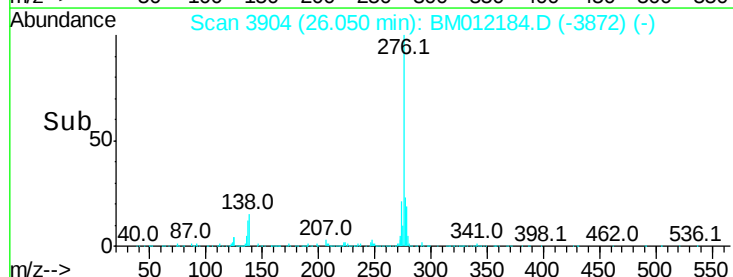
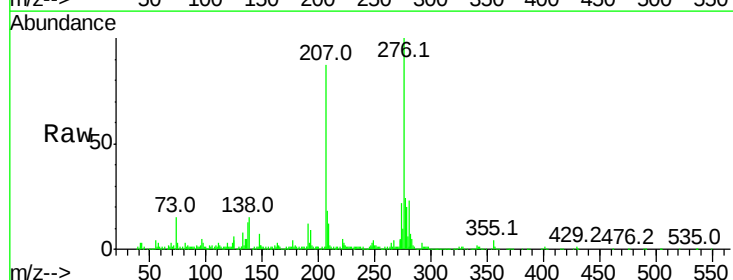
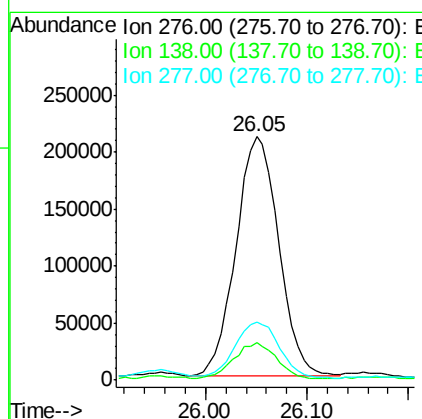
RT: 26.05 min Scan# 3904

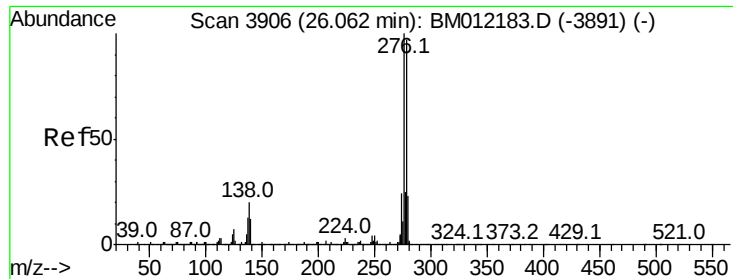
Delta R.T. -0.01 min

Lab File: BM012184.D

Acq: 14 Oct 2017 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	613807		
138	15.2	9.3	13.9	
277	23.9	19.9	29.9	





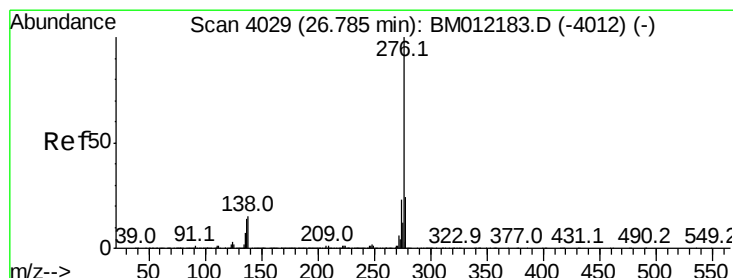
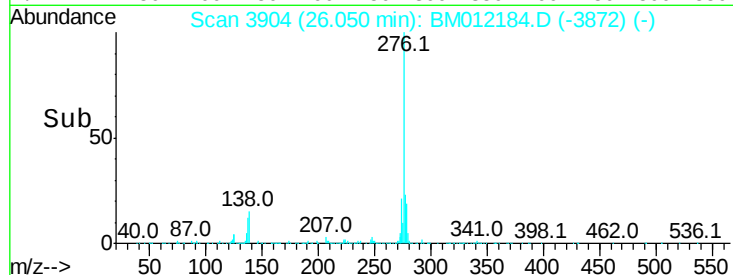
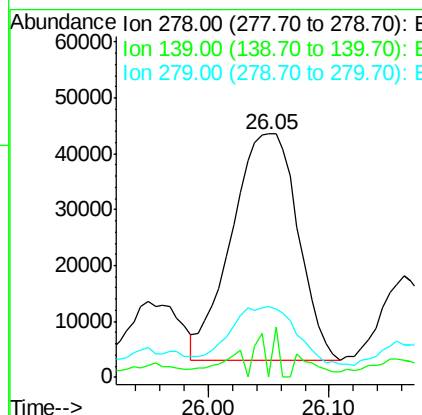
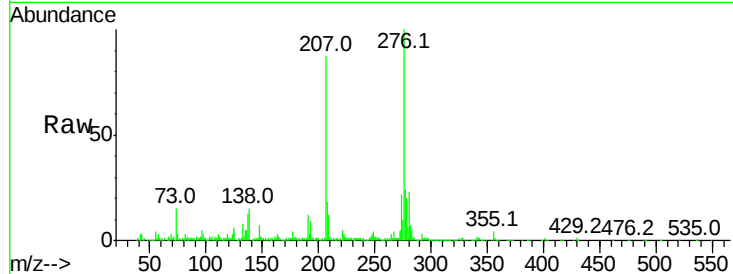
#90
Dibenzo(a,h)anthracene
Concen: 1.920 ng/ul
RT: 26.05 min Scan# 3904
Delta R.T. -0.01 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Instrument :
BNA_M
ClientSampled :
C0AD3

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.2	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:11 PM



#91
Benzo(g,h,i)perylene
Concen: 6.230 ng/ul
RT: 26.78 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM012184.D
Acq: 14 Oct 2017 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	8.5	12.7#
277	24.3	18.6	28.0

