

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012189.D
 Acq On : 15 Oct 2017 02:30
 Operator : SJ/JU
 Sample : I5522-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:22 PM

Quant Time: Oct 15 06:58:44 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	166982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	745949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	481734	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1169616	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1087723	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	924902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	14615	4.16	ng/uL	0.00
5) Phenol-d5	6.98	99	358612	26.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	213218	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	330575	28.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	300869	25.79	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	169233	29.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	207116	31.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	400065	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	276180	23.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1345386	31.60	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1662646	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	137498	21.48	ng/ul	0.00
57) Fluorene-d10	15.46	176	1184295	33.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	152198	18.96	ng/ul	0.00
70) Anthracene-d10	17.31	188	1828414	31.62	ng/ul	0.00
76) Pyrene-d10	19.60	212	2105112	38.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1434753	32.18	ng/ul	0.00

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.28	142	36806	1.264	ng/ul	96
44) Dimethylphthalate	13.92	163	380608	8.923	ng/ul	100
49) Acenaphthene	14.53	153	36403	1.068	ng/ul	97
69) Phenanthrene	17.25	178	1018633	15.309	ng/ul	99
71) Anthracene	17.34	178	146747	2.130	ng/ul	98
72) Carbazole	17.62	167	84785	1.454	ng/ul	99
73) Di-n-butylphthalate	18.16	149	330697	4.086	ng/ul	98
74) Fluoranthene	19.27	202	1743558	21.714	ng/ul#	95
77) Pyrene	19.63	202	1493248	20.787	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	746970	10.554	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	64895	1.352	ng/ul	96
82) Chrysene	21.43	228	741866	11.164	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	894248	14.816	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	293534m	5.047	ng/ul	
88) Benzo(a)pyrene	23.60	252	567150	9.970	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	375651	6.218	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	103208	2.032	ng/ul#	80
91) Benzo(g,h,i)perylene	26.79	276	301964	6.103	ng/ul#	93

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

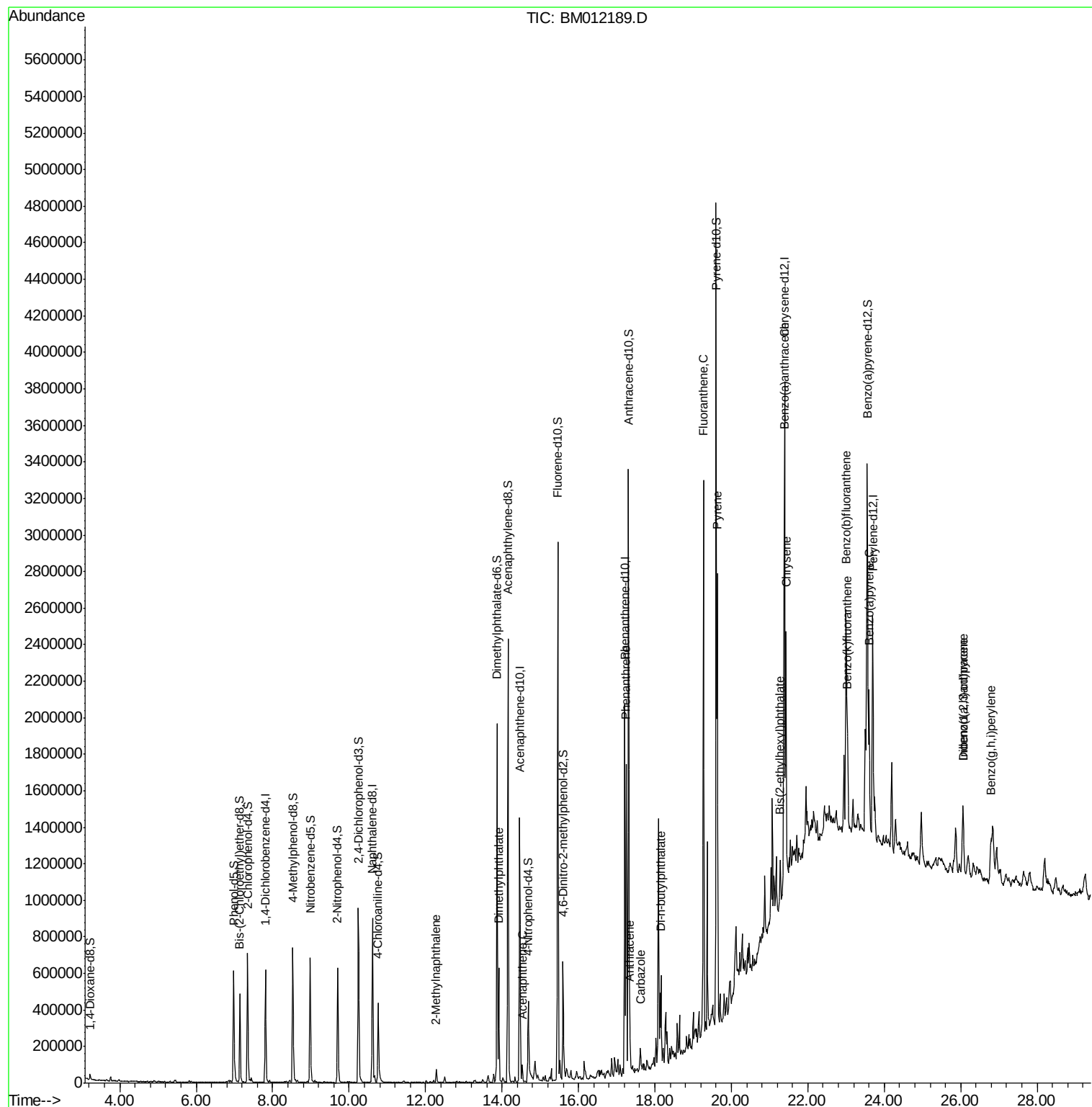
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012189.D
Acq On : 15 Oct 2017 02:30
Operator : SJ/JU
Sample : I5522-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

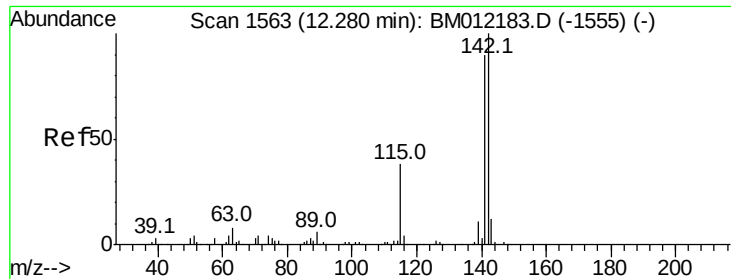
Instrument :
BNA_M
ClientSampled :
C0AD0

Manual Integrations
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Quant Time: Oct 15 06:58:44 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





#34

2-Methylnaphthalene

Concen: 1.264 ng/ul

RT: 12.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

ClientSampleId :

C0AD0

Tot Ion:142 Resp: 36806

Ion Ratio Lower Upper

142 100

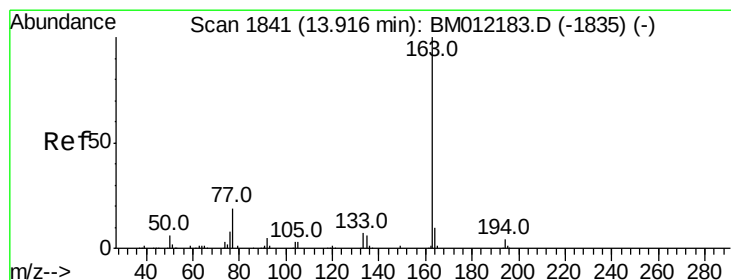
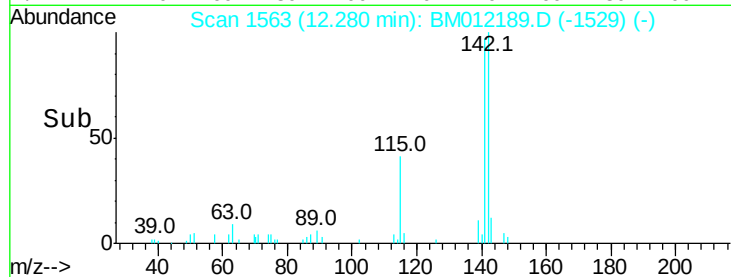
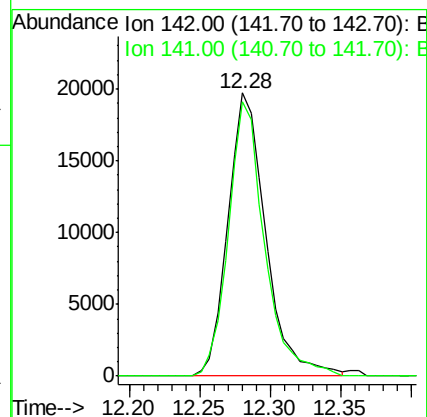
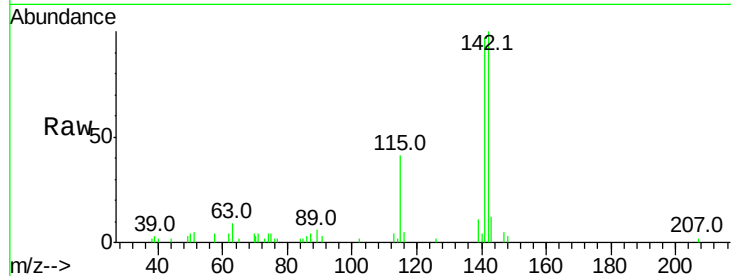
141 96.8 74.1 111.1

Manual Integrations

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#44

Dimethylphthalate

Concen: 8.923 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

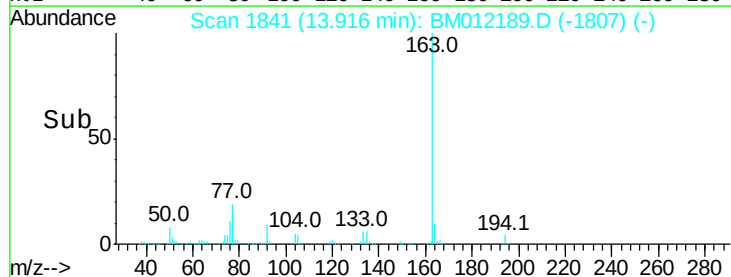
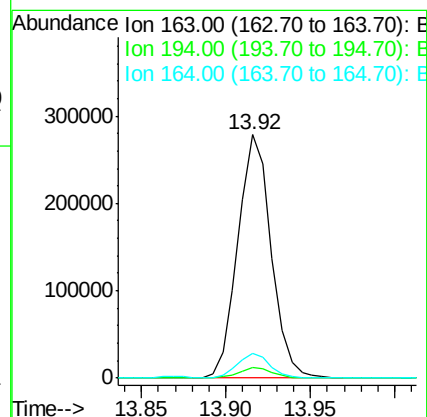
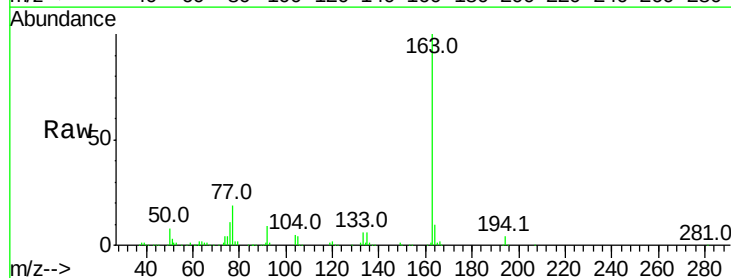
Tgt Ion:163 Resp: 380608

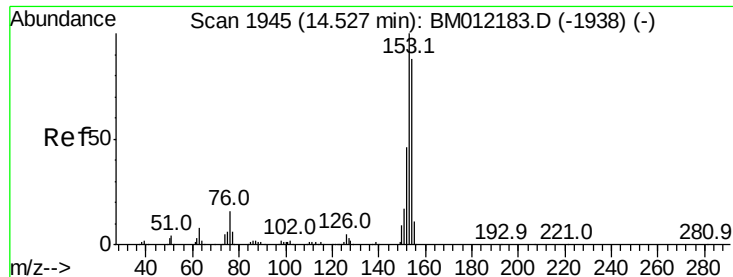
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.2 8.2 12.4





#49

Acenaphthene

Concen: 1.068 ng/ul

RT: 14.53 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

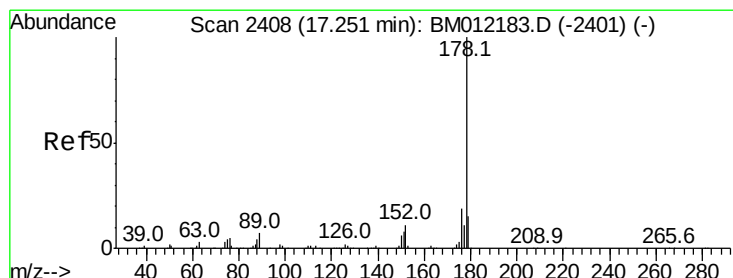
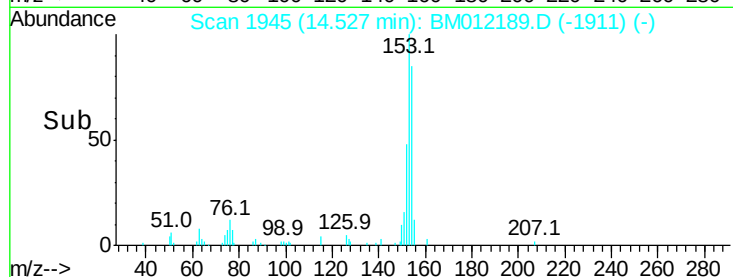
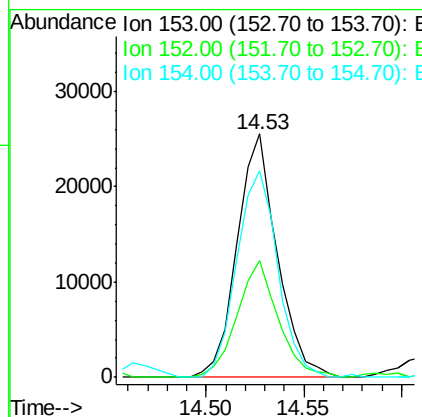
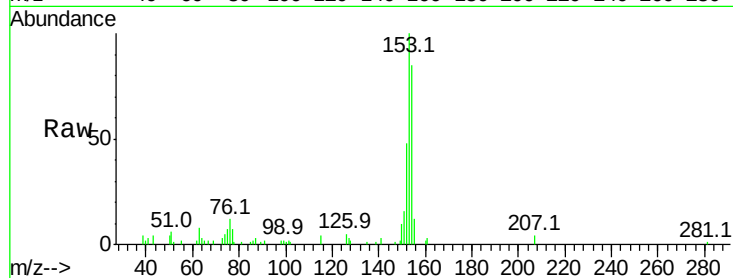
ClientSampleId :

C0AD0

Tot Ion:	153	Resp:	36403
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.6	56.4
154	84.6	70.4	105.6

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#69

Phenanthrene

Concen: 15.309 ng/ul

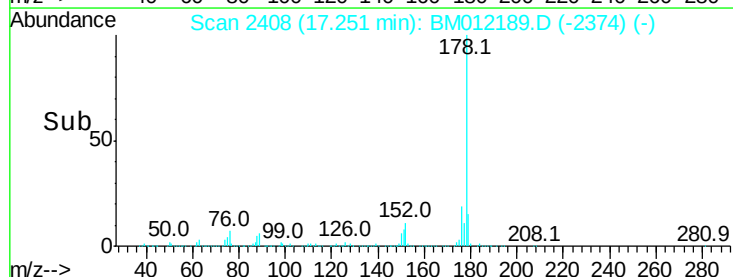
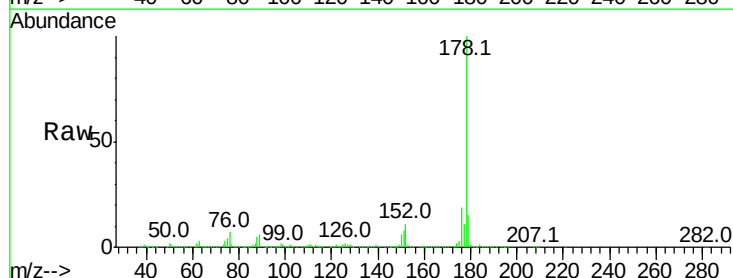
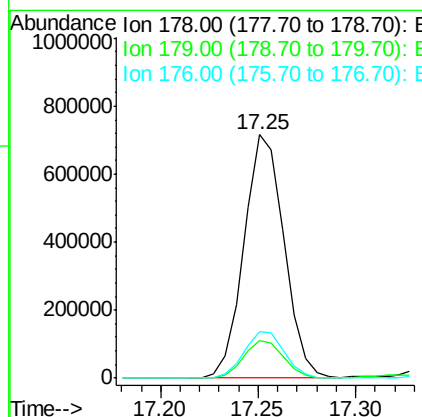
RT: 17.25 min Scan# 2408

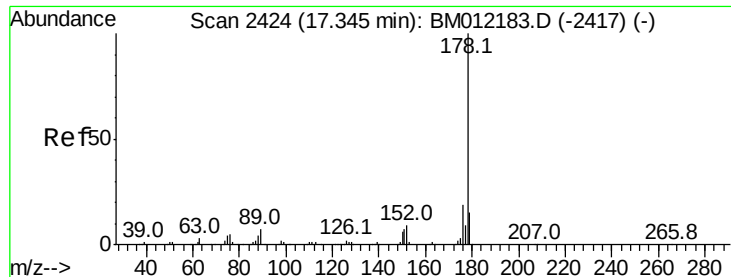
Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Tgt Ion:	178	Resp:	1018633
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.1	14.9	22.3





#71

Anthracene

Concen: 2.130 ng/ul

RT: 17.34 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

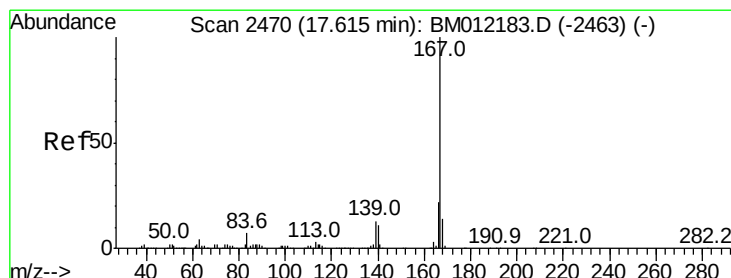
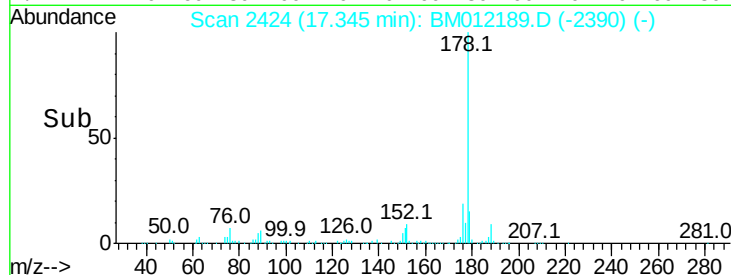
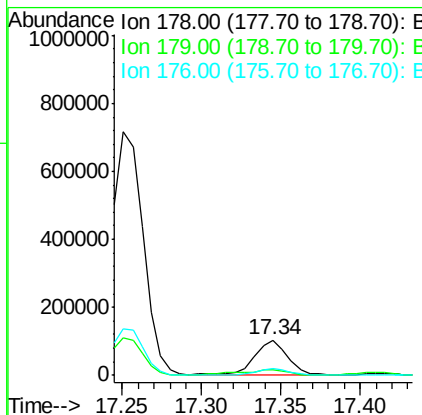
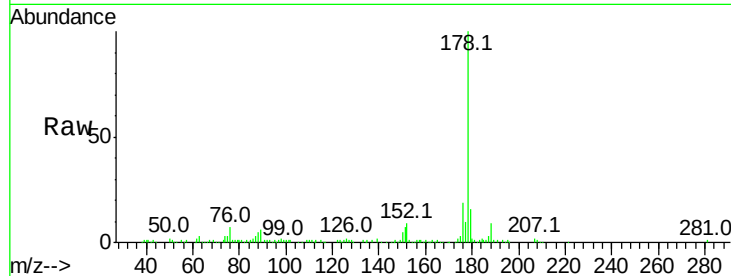
ClientSampleId :

C0AD0

Tot Ion:178	Resp:	146747
Ion Ratio	Lower	Upper
178	100	
179	15.8	11.7 17.5
176	19.1	14.6 21.8

Manual Integrations
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#72

Carbazole

Concen: 1.454 ng/ul

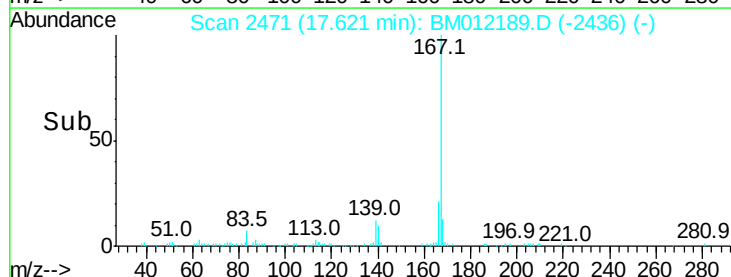
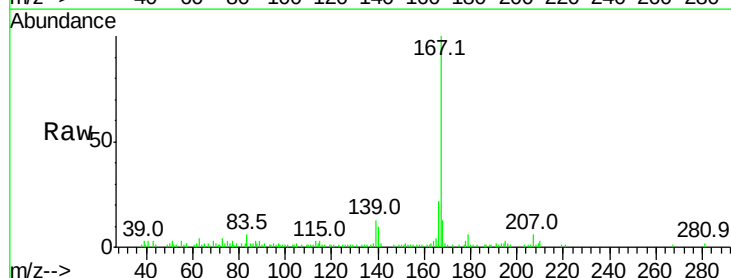
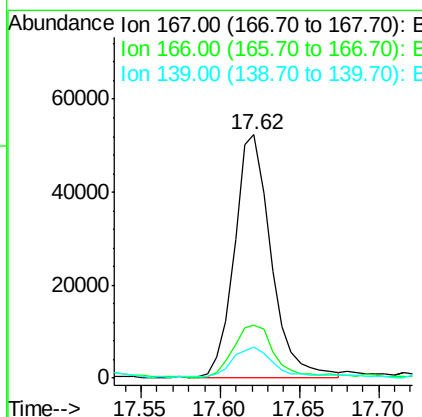
RT: 17.62 min Scan# 2471

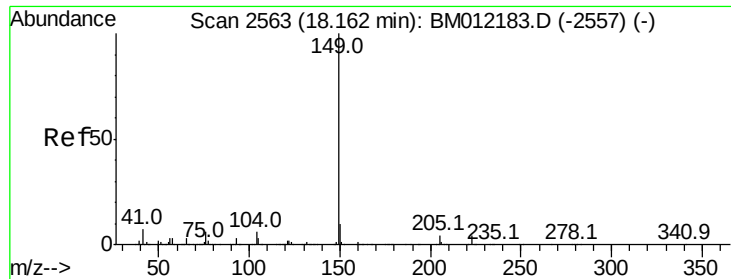
Delta R.T. 0.01 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Tgt Ion:167	Resp:	84785
Ion Ratio	Lower	Upper
167	100	
166	21.9	17.1 25.7
139	13.0	10.0 15.0





#73

Di-n-butylphthalate

Concen: 4.086 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

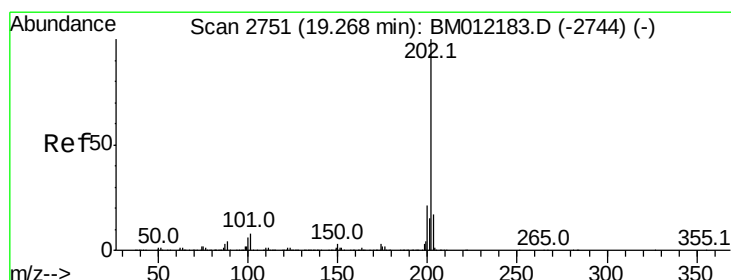
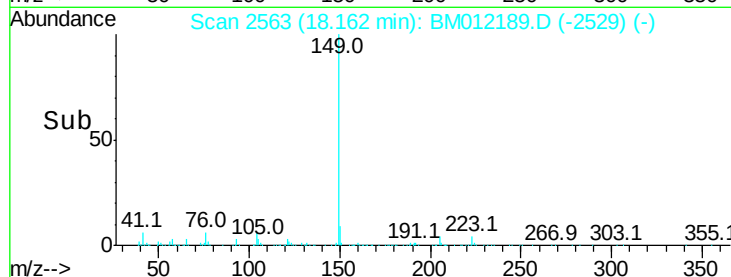
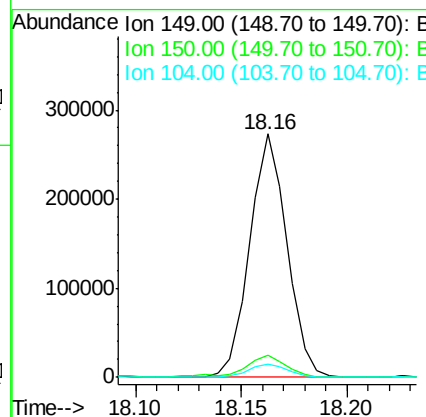
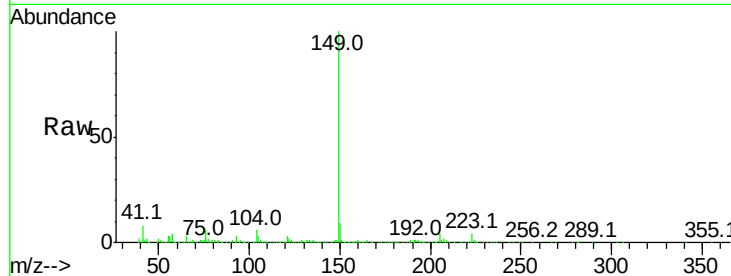
ClientSampled :

C0AD0

Tot Ion:	149	Resp:	330697
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	5.6	5.6	8.4

Manual Integrations
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#74

Fluoranthene

Concen: 21.714 ng/ul

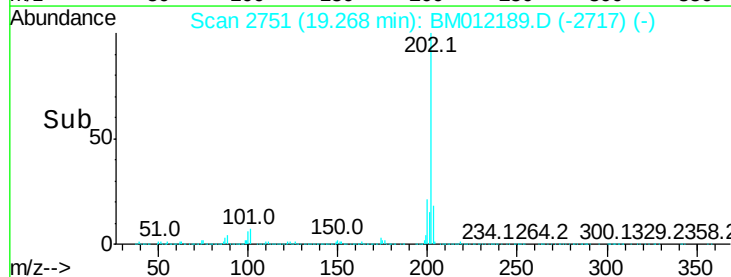
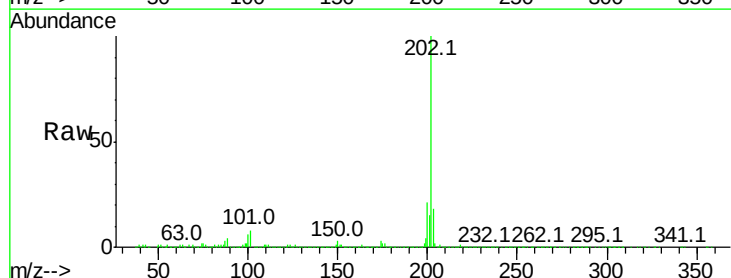
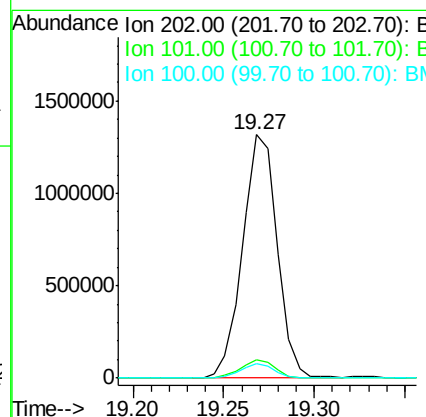
RT: 19.27 min Scan# 2751

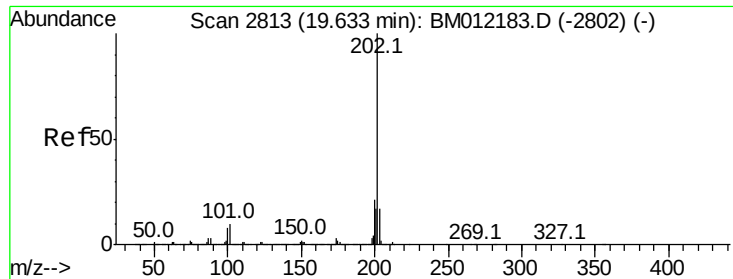
Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Tgt Ion:	202	Resp:	1743558
Ion Ratio	Lower	Upper	
202	100		
101	7.6	4.6	7.0#
100	6.1	3.4	5.2#





#77

Pvrene

Concen: 20.787 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

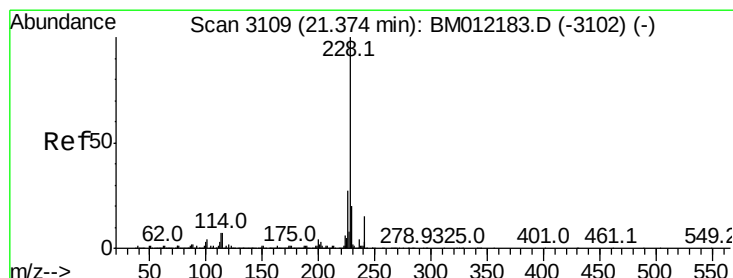
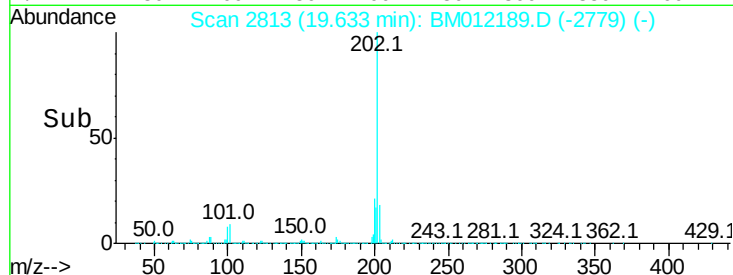
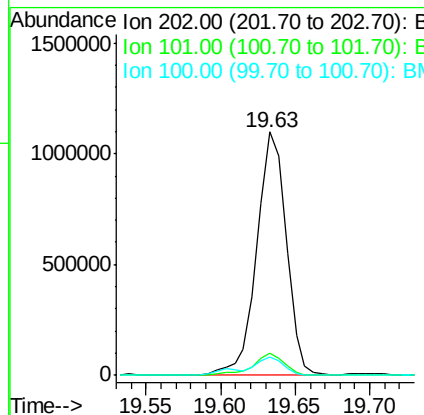
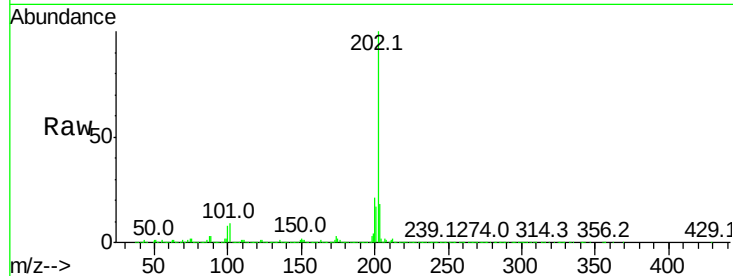
ClientSampleId :

C0AD0

Tot Ion:	202	Resp:	1493248
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 10.554 ng/ul

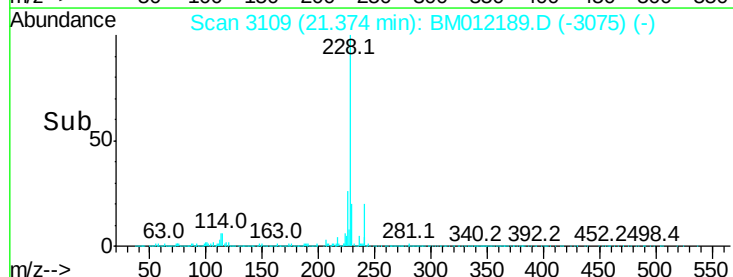
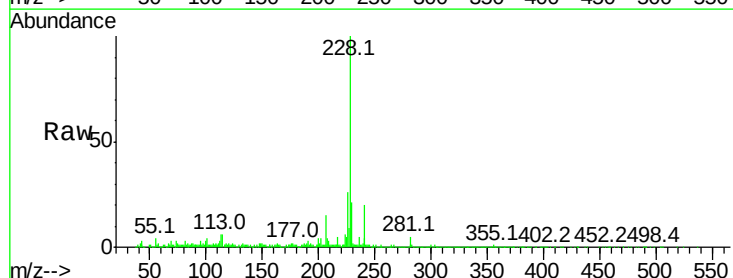
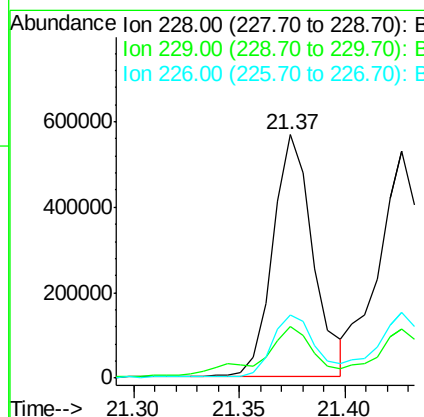
RT: 21.37 min Scan# 3109

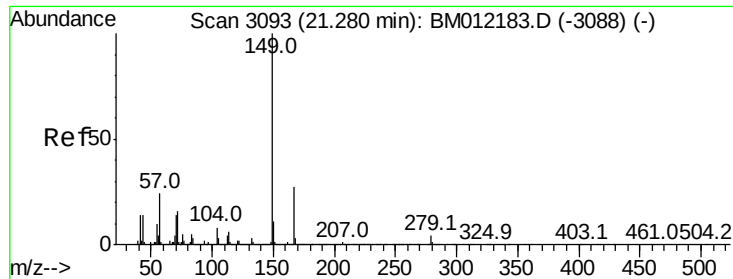
Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Tgt Ion:	228	Resp:	746970
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.4	23.0
226	26.2	21.4	32.0





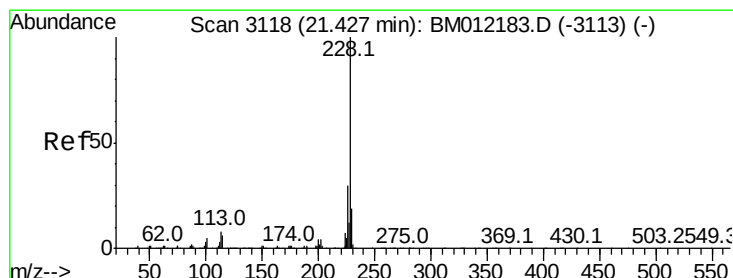
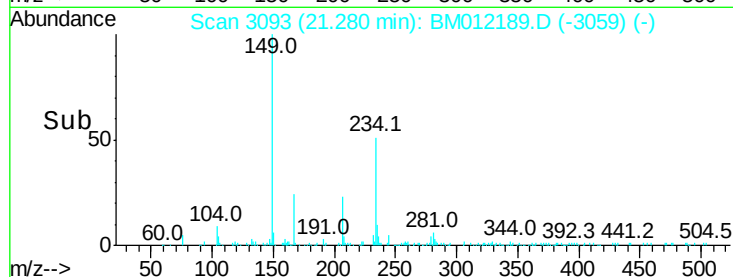
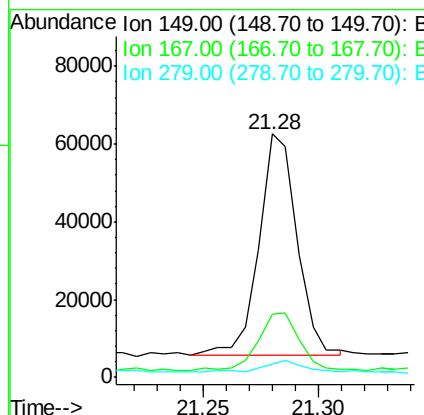
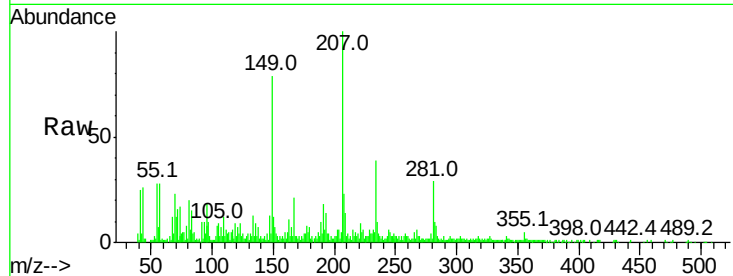
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.352 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM012189.D
 Acq: 15 Oct 2017 02:30

Instrument :
 BNA_M
 ClientSampled :
 C0AD0

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.8	34.2
279	5.2	4.9	7.3

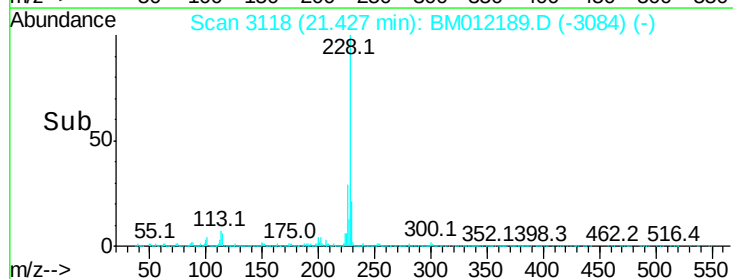
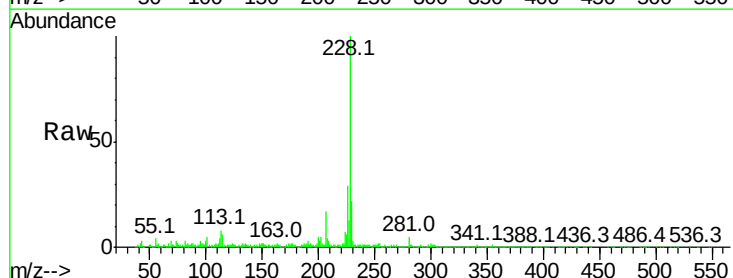
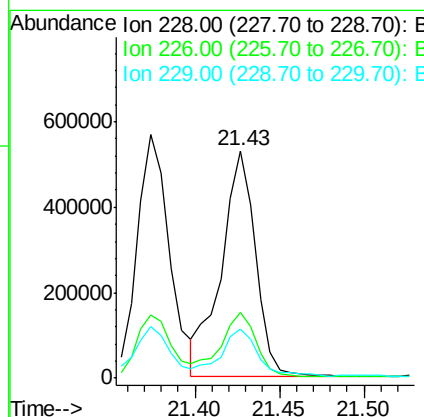
Manual Integrations
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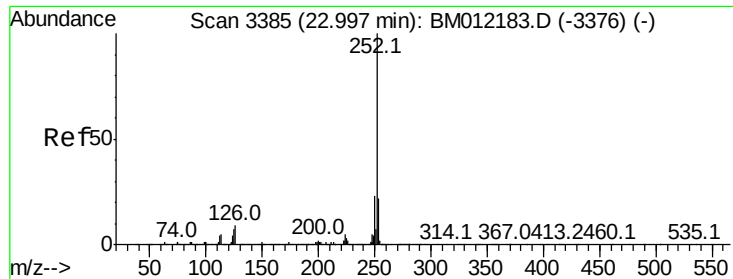
Sohil
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#82
 Chrysene
 Concen: 11.164 ng/ul
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM012189.D
 Acq: 15 Oct 2017 02:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.7	15.5	23.3





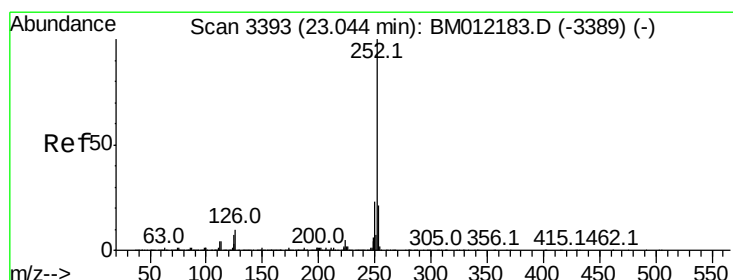
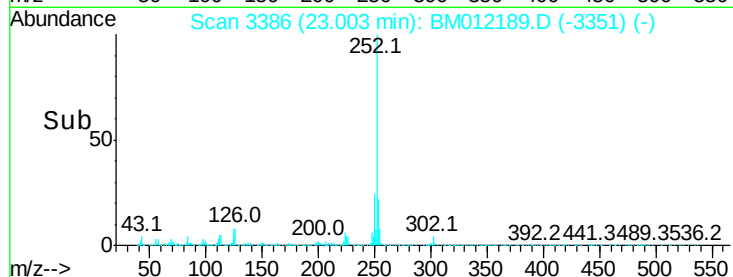
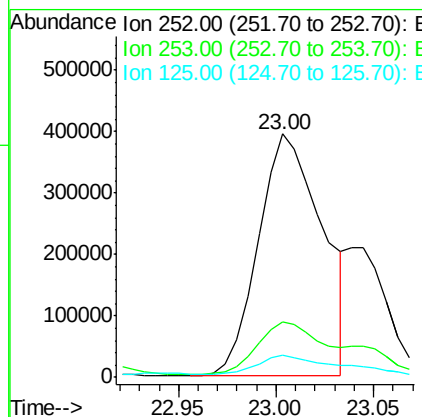
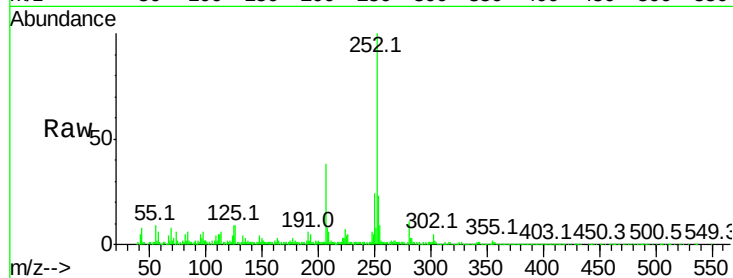
#85
Benzo(b)fluoranthene
Concen: 14.816 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM012189.D
Acq: 15 Oct 2017 02:30

Instrument :
BNA_M
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.1	3.6	5.4#

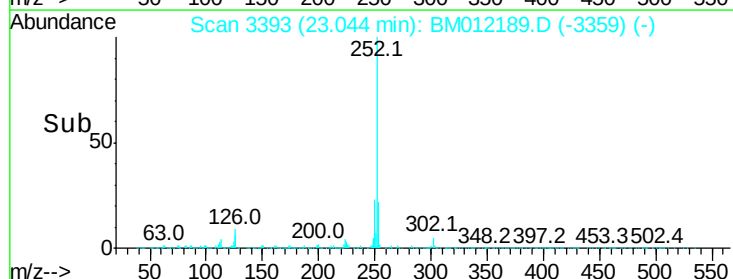
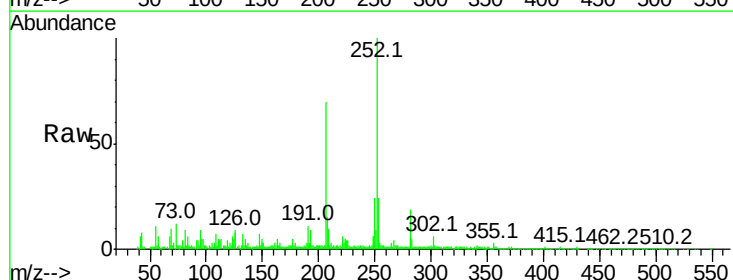
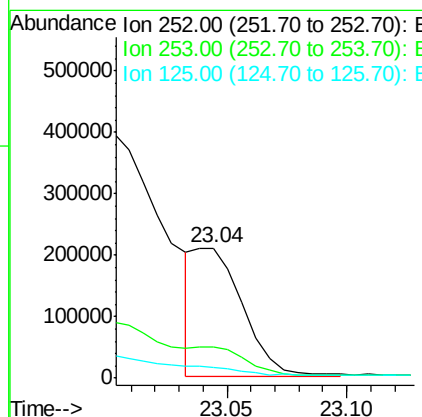
Manual Integrations
APPROVED

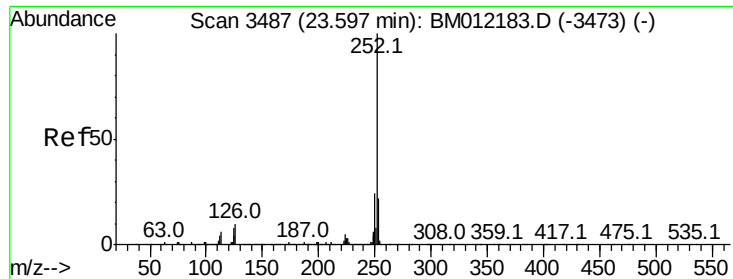
Sohil
10/16/2017 7:48:22 PM



#86
Benzo(k)fluoranthene
Concen: 5.047 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.00 min
Lab File: BM012189.D
Acq: 15 Oct 2017 02:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	8.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 9.970 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Instrument :

BNA_M

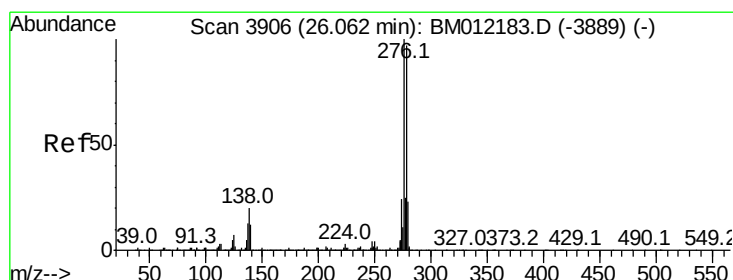
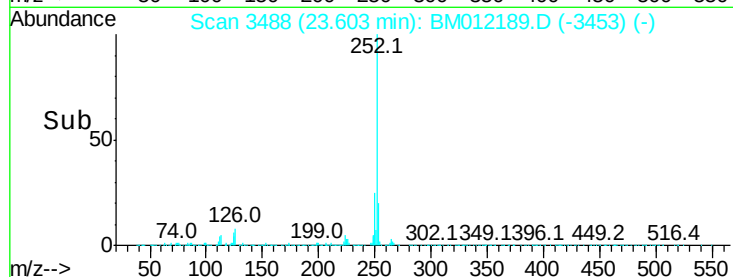
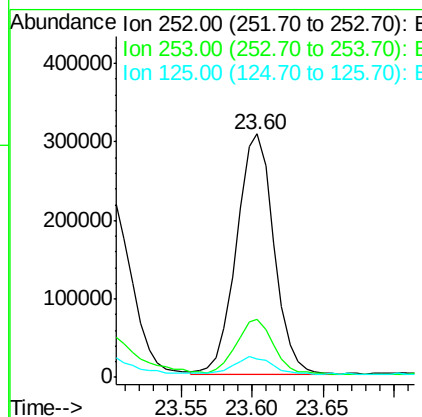
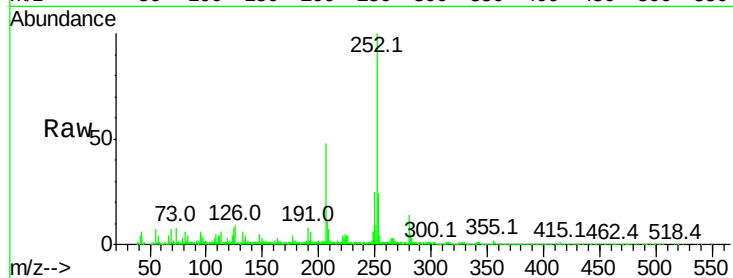
ClientSampleId :

C0AD0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	567150		
253	23.7	18.2	27.2	
125	7.8	4.0	6.0	

Manual Integrations
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10/16/2017 7:48:22 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 6.218 ng/ul

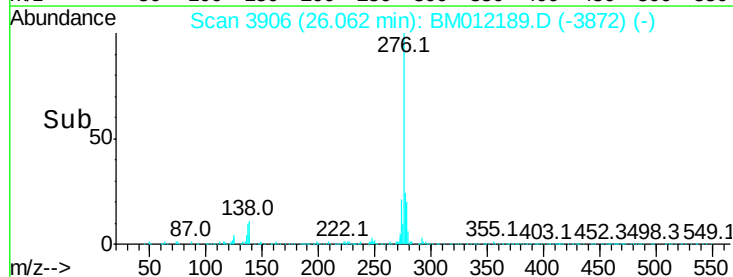
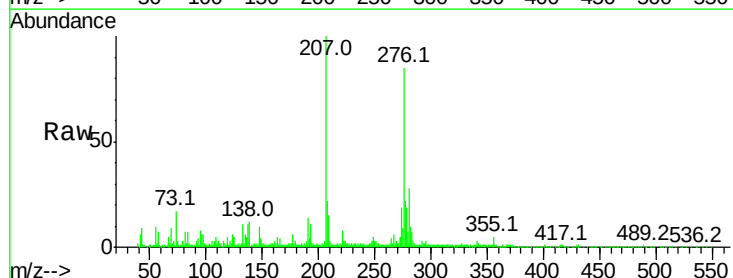
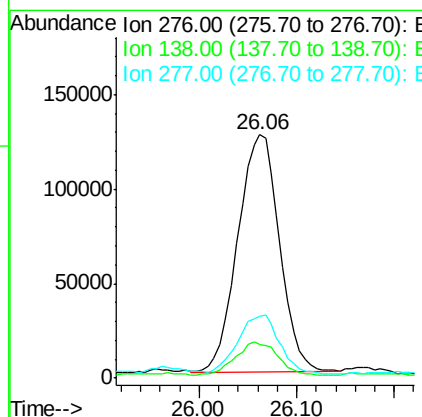
RT: 26.06 min Scan# 3906

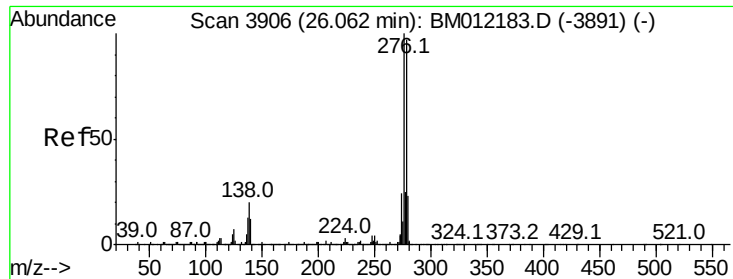
Delta R.T. -0.00 min

Lab File: BM012189.D

Acq: 15 Oct 2017 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	375651		
138	13.7	9.3	13.9	
277	25.2	19.9	29.9	





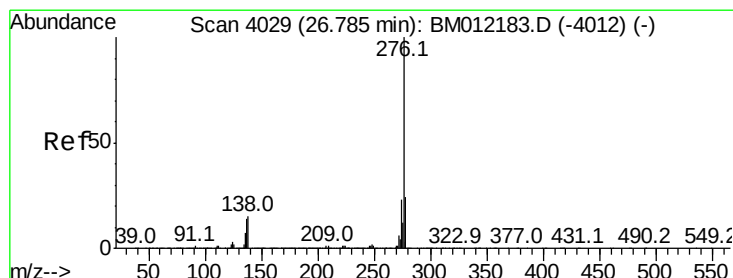
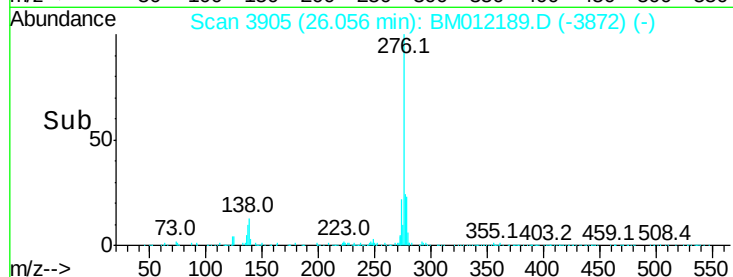
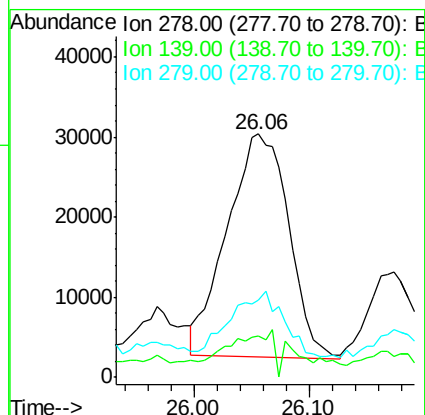
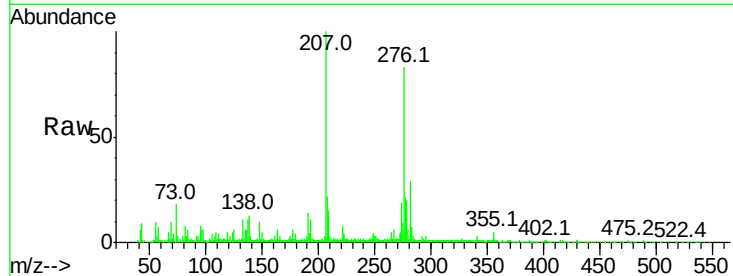
#90
Dibenzo(a,h)anthracene
Concen: 2.032 ng/ul
RT: 26.06 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM012189.D
Acq: 15 Oct 2017 02:30

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	5.8	8.8#
279	31.6	18.6	27.8#

Manual Integrations
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10/16/2017 7:48:22 PM



#91
Benzo(g,h,i)perylene
Concen: 6.103 ng/ul
RT: 26.79 min Scan# 4030
Delta R.T. 0.01 min
Lab File: BM012189.D
Acq: 15 Oct 2017 02:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	8.5	12.7#
277	25.8	18.6	28.0

