

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012205.D
 Acq On : 15 Oct 2017 12:47
 Operator : SJ/JU
 Sample : I5548-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:54 PM

Quant Time: Oct 16 02:46:51 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	186325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	810041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	535489	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1285593	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1136787	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1046629	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11392	2.91	ng/uL	0.00
5) Phenol-d5	6.99	99	217660	14.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	134062	14.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	212495	16.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	124294	9.55	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	105379	17.05	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	117921	16.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	227339	16.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	103963m	8.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	826160	17.46	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1018825	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	71155m	10.00	ng/ul	0.02
57) Fluorene-d10	15.46	176	743456	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	40543	4.60	ng/ul	0.01
70) Anthracene-d10	17.32	188	1154584	18.16	ng/ul	0.00
76) Pyrene-d10	19.61	212	1224402	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	916569	18.17	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	345287	7.282	ng/ul	98
69) Phenanthrene	17.26	178	1010479	13.817	ng/ul	99
71) Anthracene	17.35	178	285075	3.765	ng/ul	98
74) Fluoranthene	19.28	202	3550070	40.224	ng/ul#	96
77) Pyrene	19.64	202	3361099	44.770	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	1729459	23.381	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	92005	1.835	ng/ul#	95
82) Chrysene	21.43	228	1506505	21.693	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1910596	27.973	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	632852m	9.615	ng/ul	
88) Benzo(a)pyrene	23.61	252	1341345	20.836	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	851971	12.463	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	216646	3.770	ng/ul#	82
91) Benzo(g,h,i)perylene	26.82	276	711025	12.699	ng/ul#	92

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

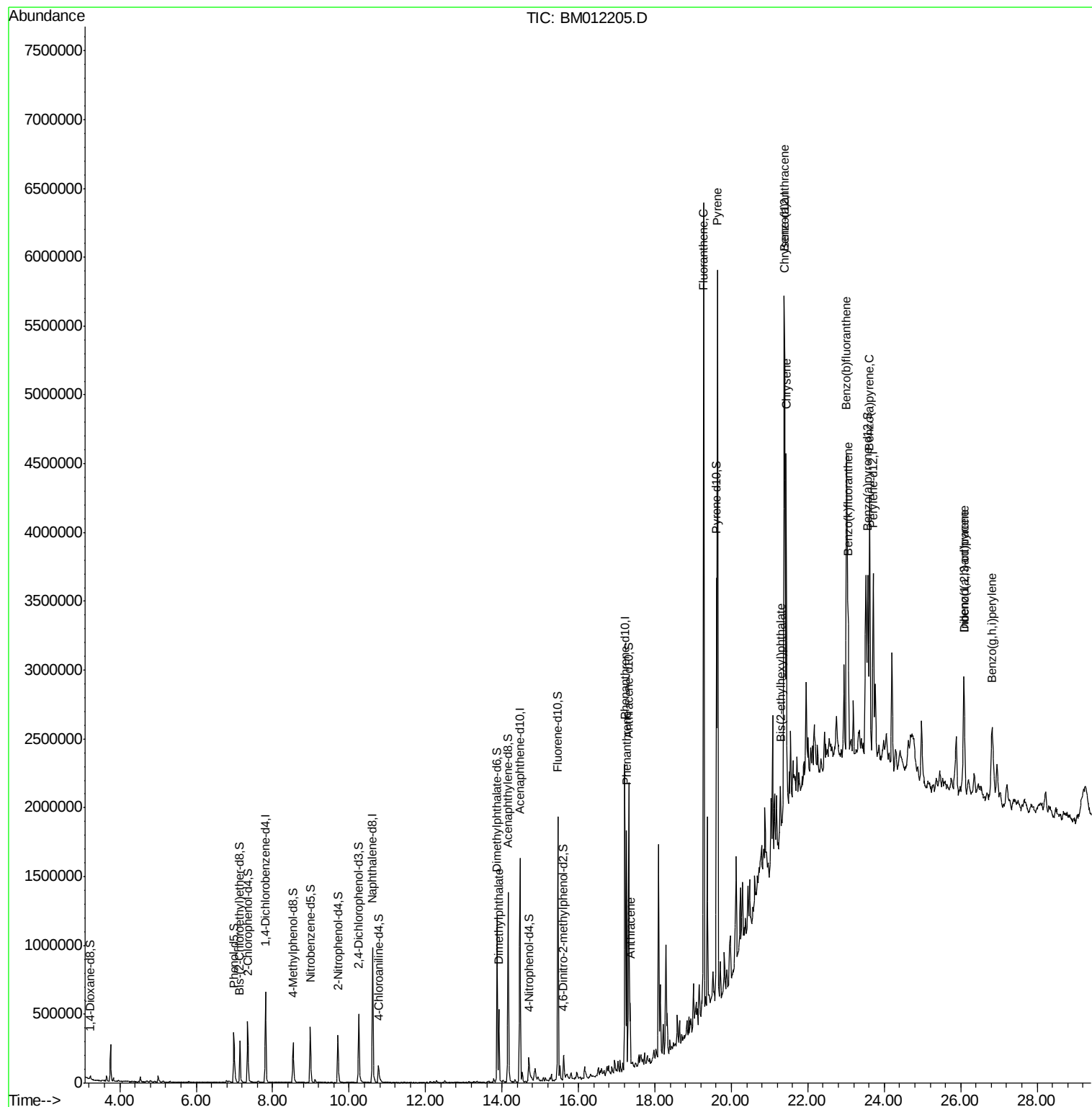
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Data File : BM012205.D
Acq On : 15 Oct 2017 12:47
Operator : SJ/JU
Sample : I5548-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

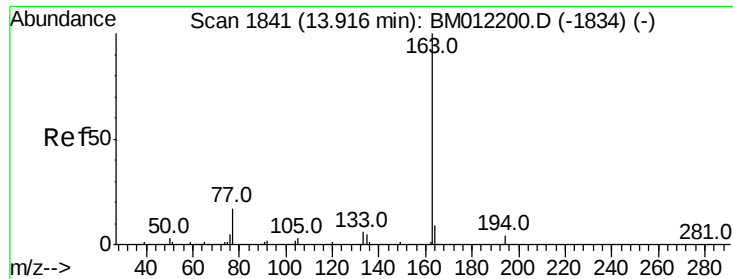
Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

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Quant Time: Oct 16 02:46:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





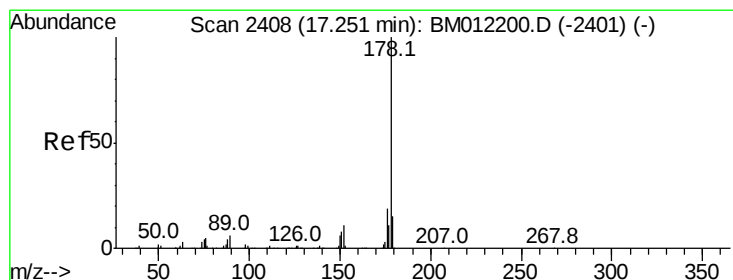
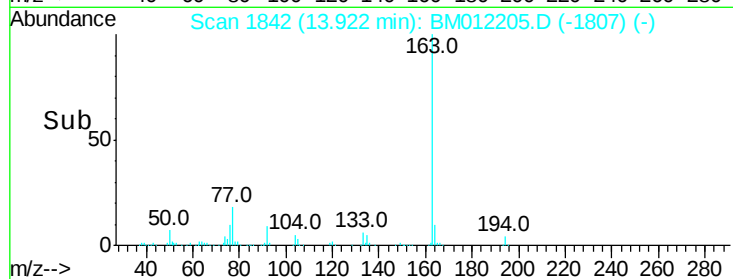
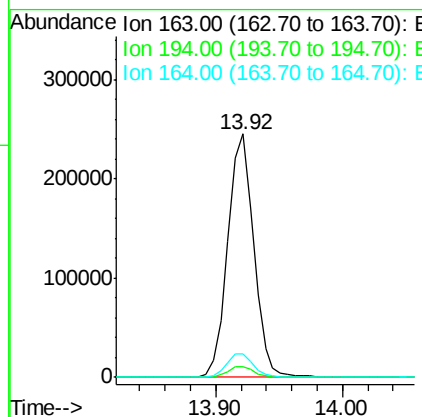
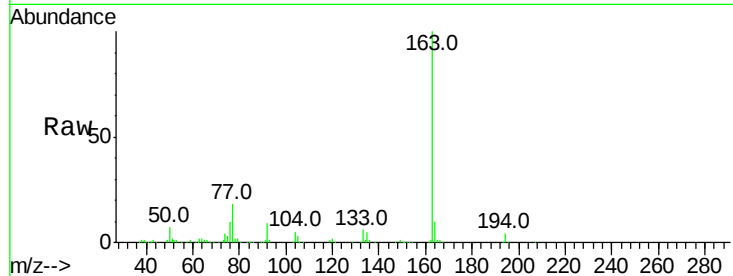
#44
Dimethylphthalate
Concen: 7.282 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion:	163	Resp:	345287
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.5	8.2	12.4

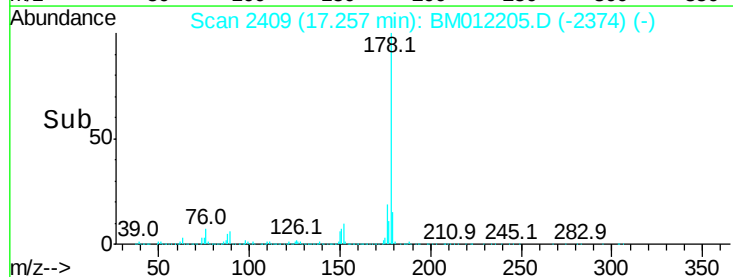
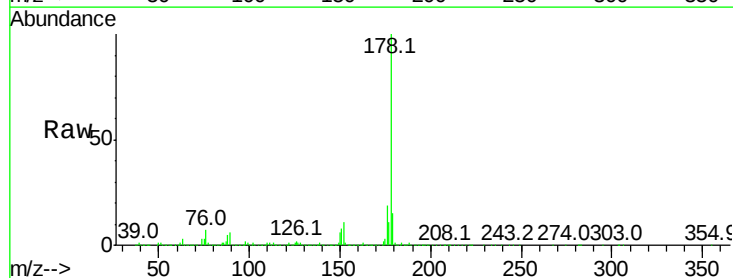
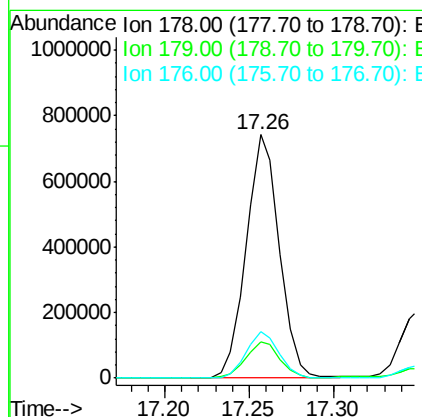
Manual Integrations
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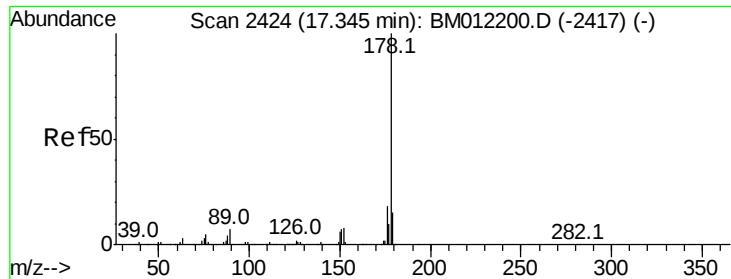
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#69
Phenanthrene
Concen: 13.817 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Tgt Ion:	178	Resp:	1010479
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	19.1	14.9	22.3





#71

Anthracene

Concen: 3.765 ng/ul

RT: 17.35 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampled :

C0AD1

Tot Ion:178 Resp: 285075

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

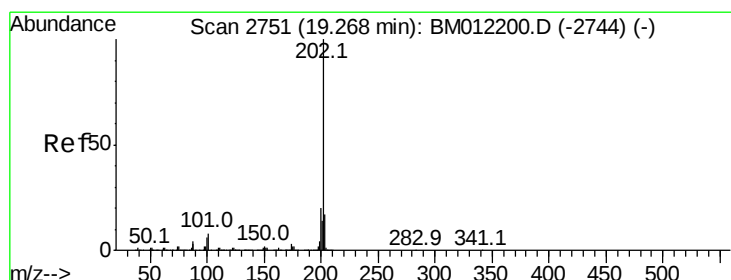
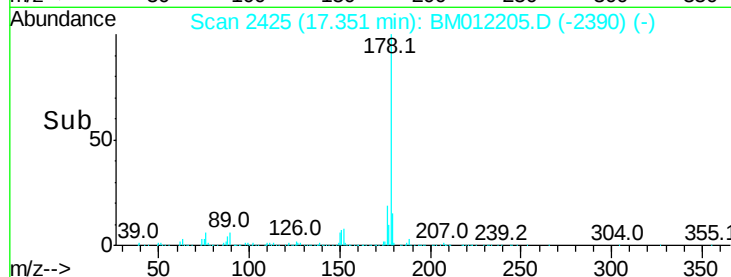
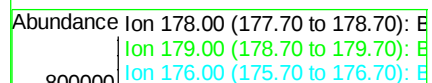
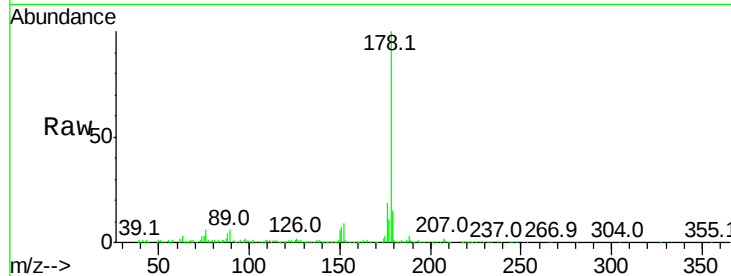
176 19.1 14.6 21.8

Manual Integrations

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#74

Fluoranthene

Concen: 40.224 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

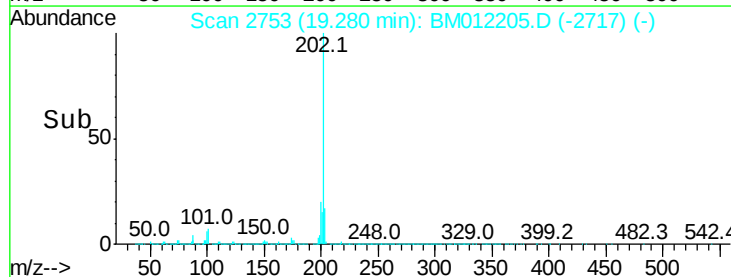
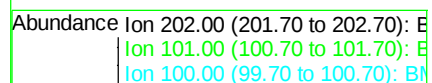
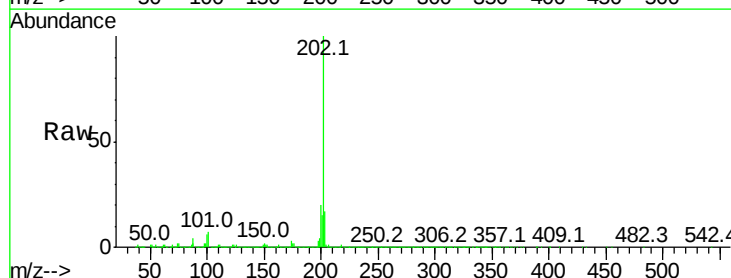
Tgt Ion:202 Resp: 3550070

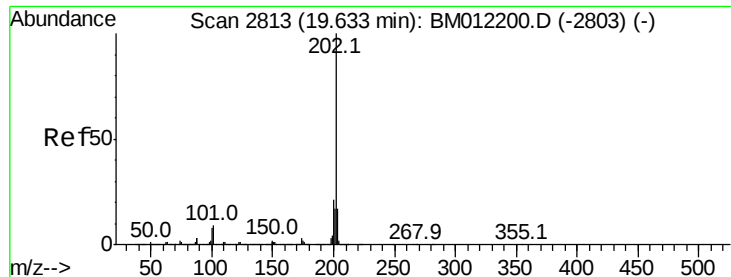
Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

100 5.9 3.4 5.2#





#77

Pvrene

Concen: 44.770 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampled :

C0AD1

Tot Ion:202 Resp: 3361099

Ion Ratio Lower Upper

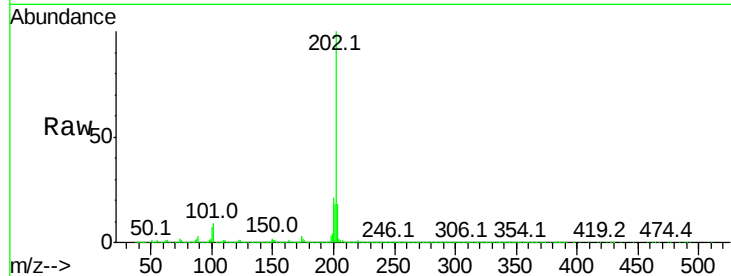
202 100

101 8.7 5.1 7.7#

100 7.2 4.9 7.3

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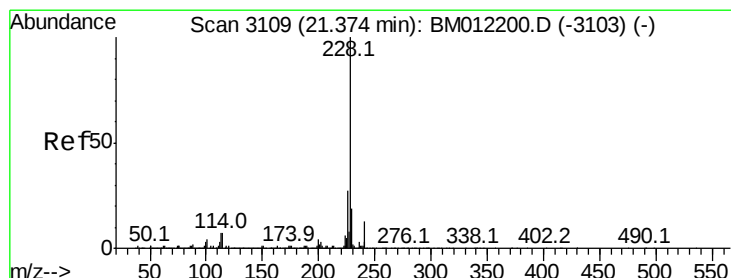
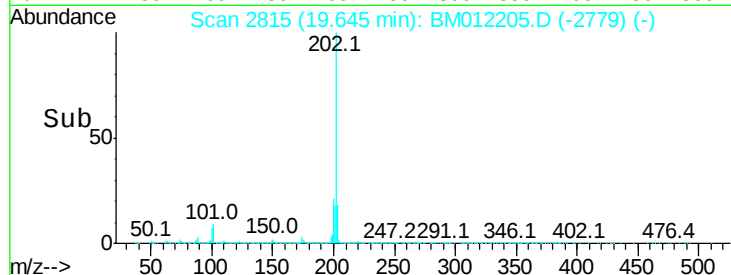
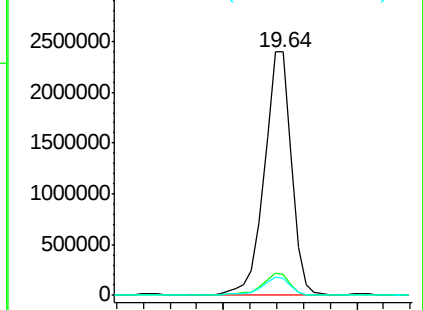
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 23.381 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

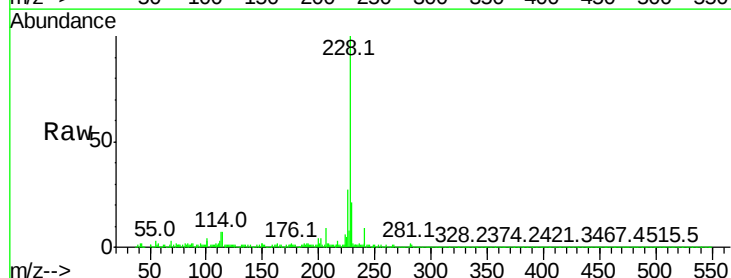
Tgt Ion:228 Resp: 1729459

Ion Ratio Lower Upper

228 100

229 21.2 15.4 23.0

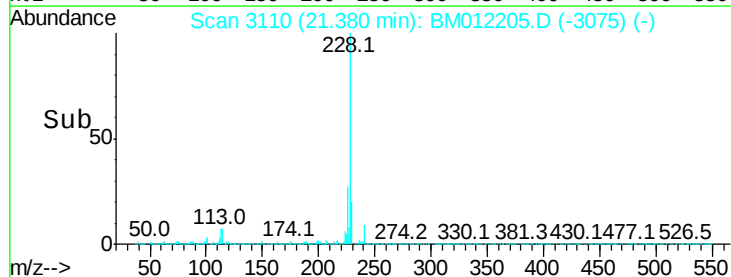
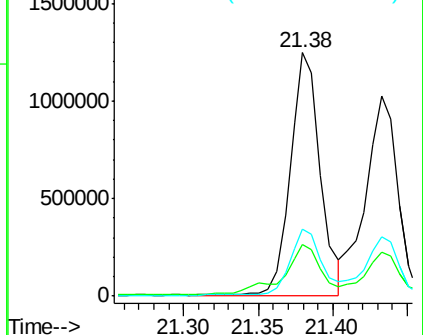
226 27.3 21.4 32.0

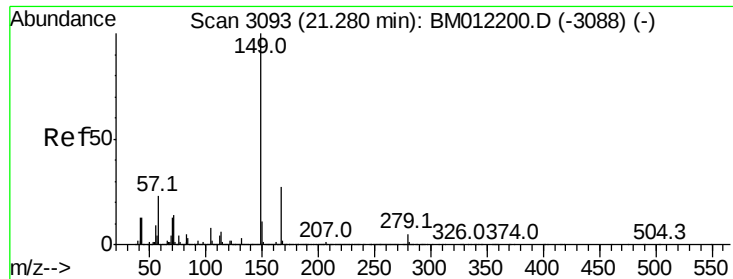


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.835 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

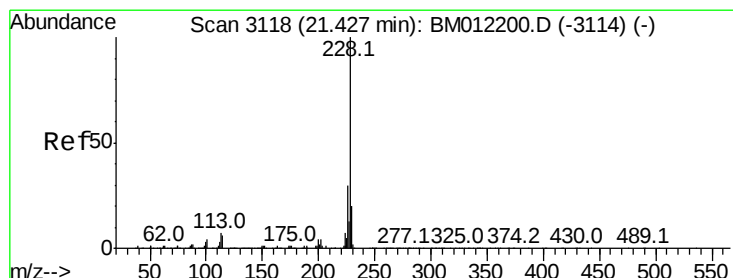
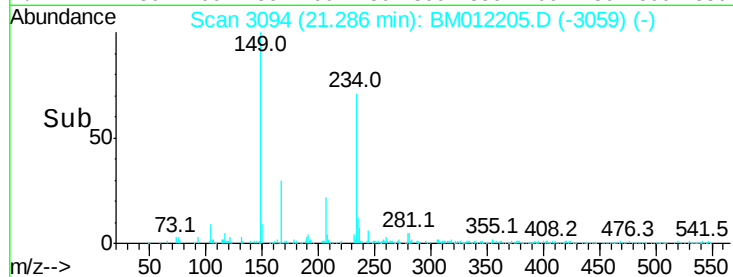
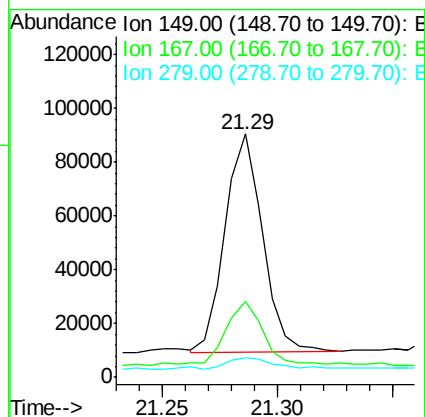
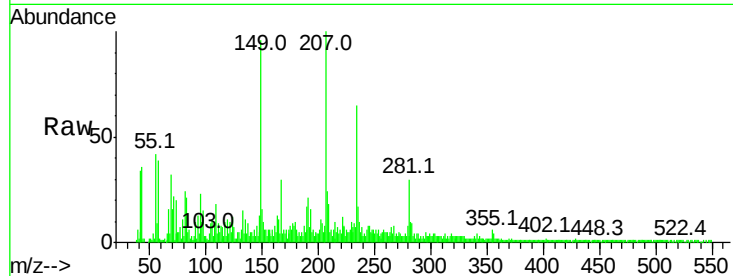
ClientSampleId :

C0AD1

Tot Ion:	149	Resp:	92005
Ion Ratio	Lower	Upper	
149	100		
167	31.2	22.8	34.2
279	7.8	4.9	7.3#

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#82

Chrysene

Concen: 21.693 ng/ul

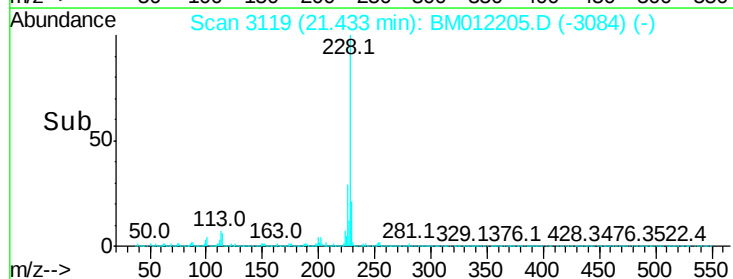
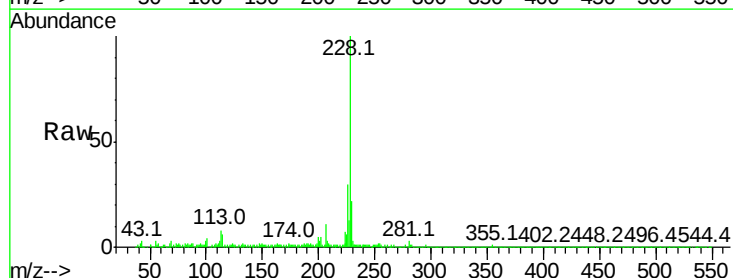
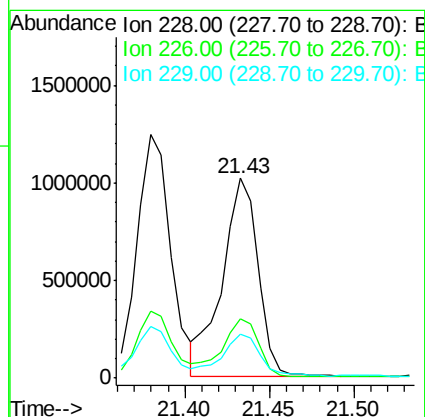
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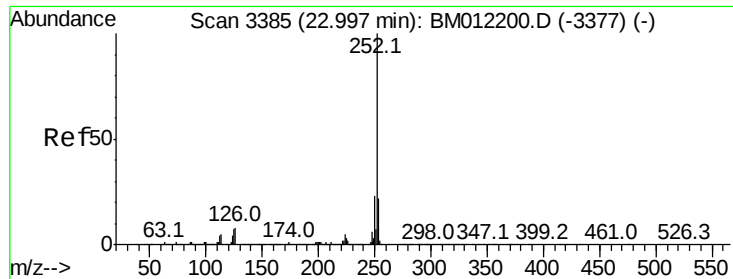
Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Tgt Ion:	228	Resp:	1506505
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	22.2	15.5	23.3





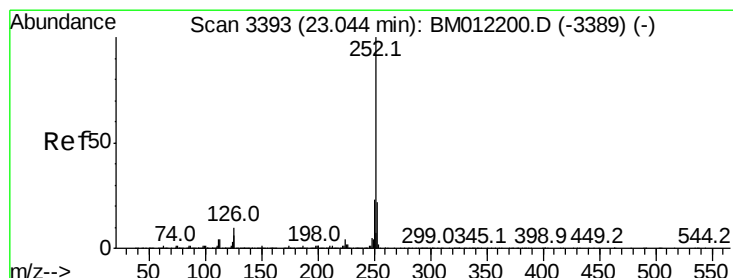
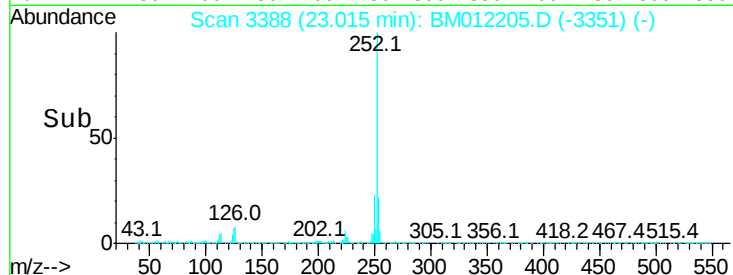
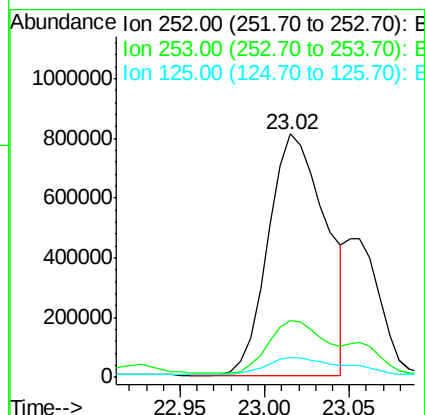
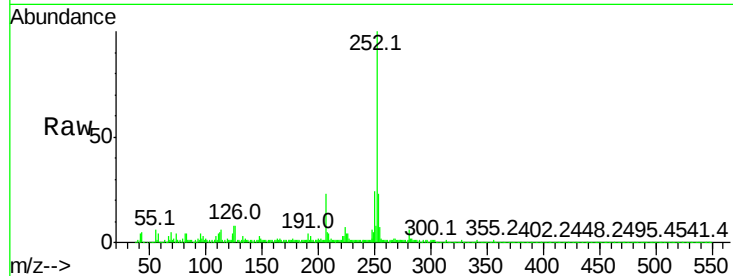
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Benzo(b)fluoranthene
Concen: 27.973 ng/ul
RT: 23.02 min Scan# 3388
Delta R.T. 0.02 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	8.2	3.6	5.4

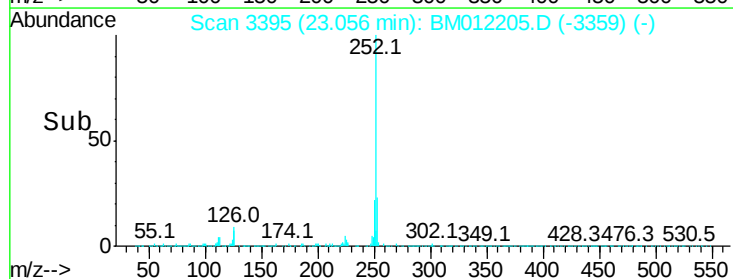
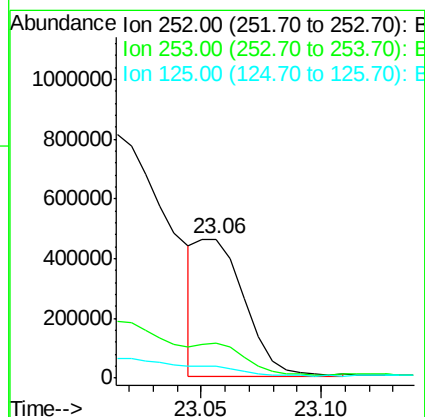
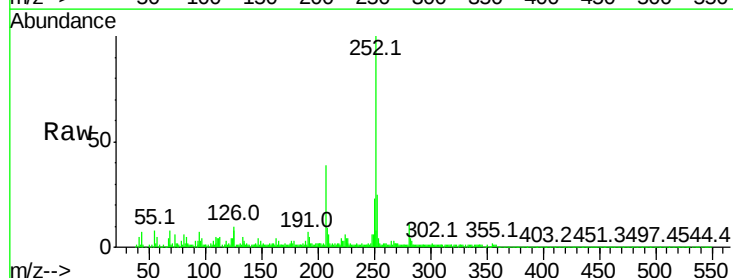
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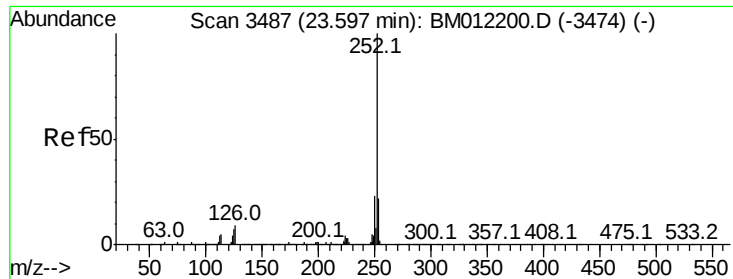
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#86
Benzo(k)fluoranthene
Concen: 9.615 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	8.3	3.4	5.2





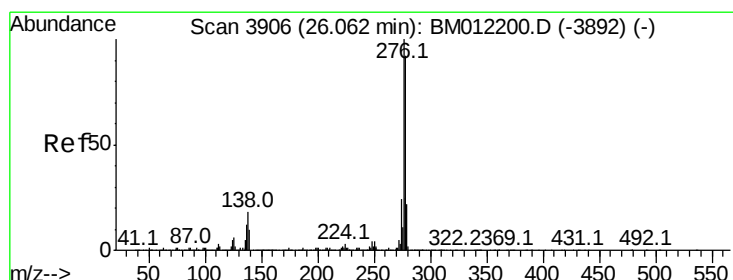
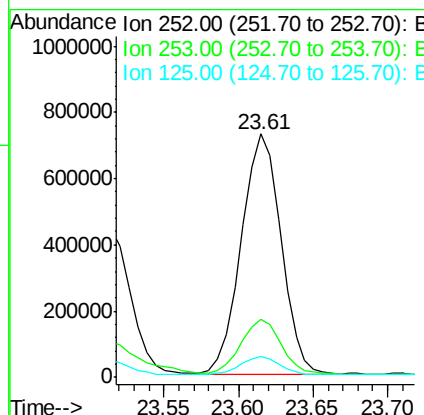
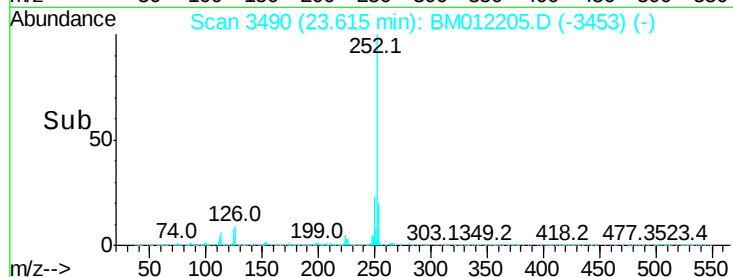
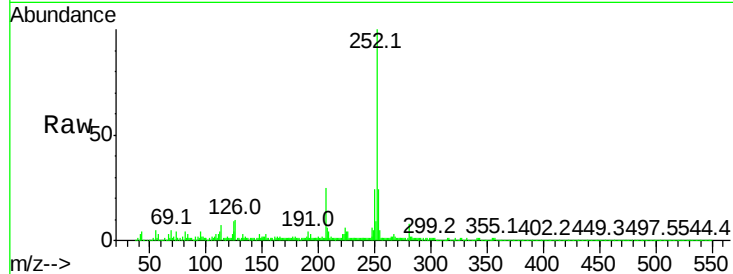
#88
Benzo(a)pyrene
Concen: 20.836 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Instrument :
BNA_M
ClientSampled :
C0AD1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	8.6	4.0	6.0#

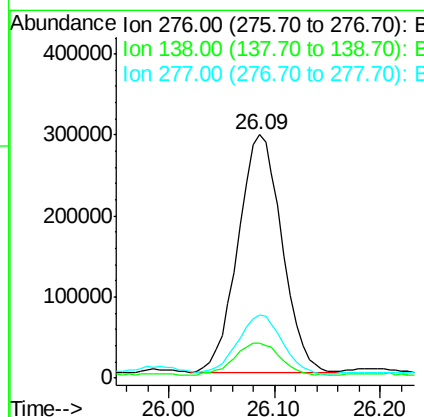
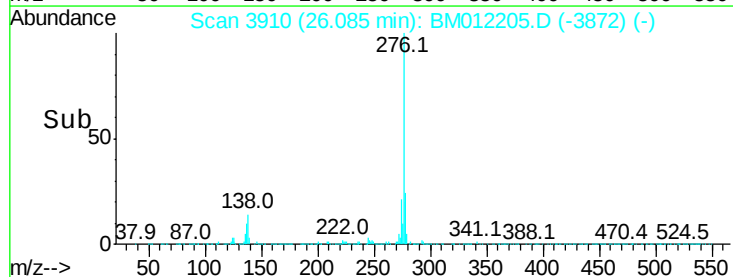
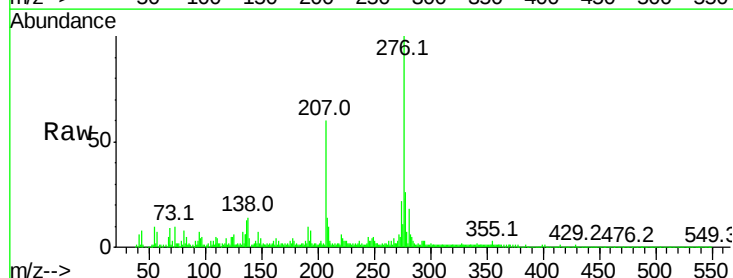
Manual Integrations
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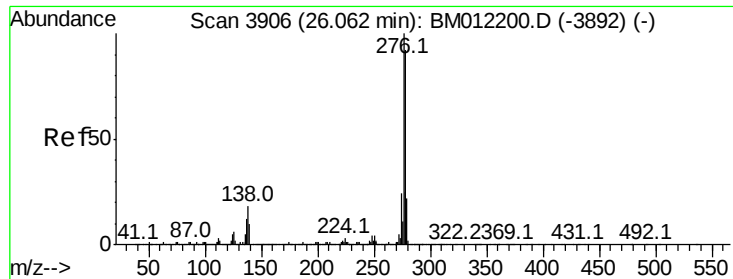
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#89
Indeno(1,2,3-cd)pyrene
Concen: 12.463 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.3	13.9#
277	25.8	19.9	29.9





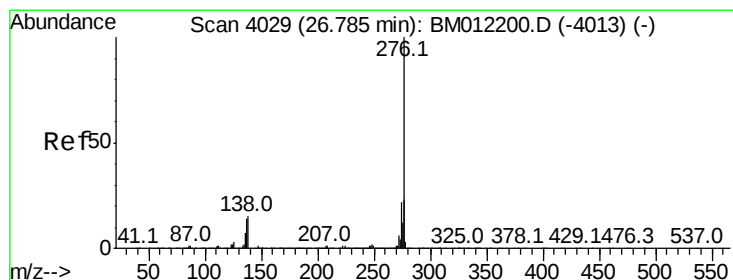
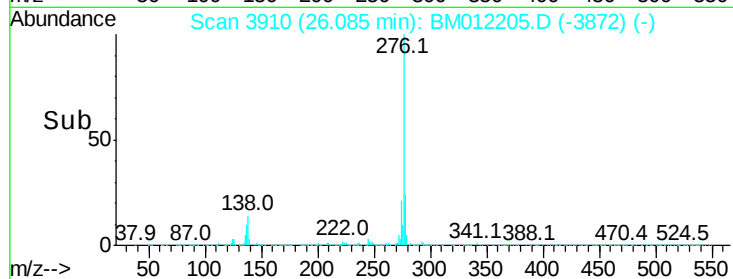
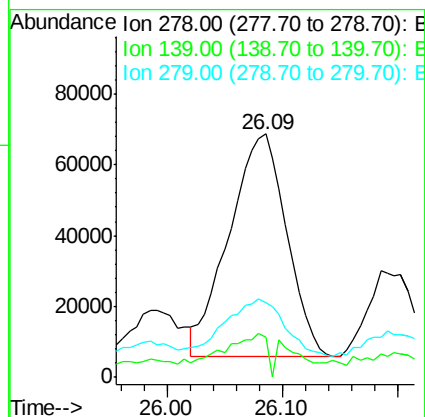
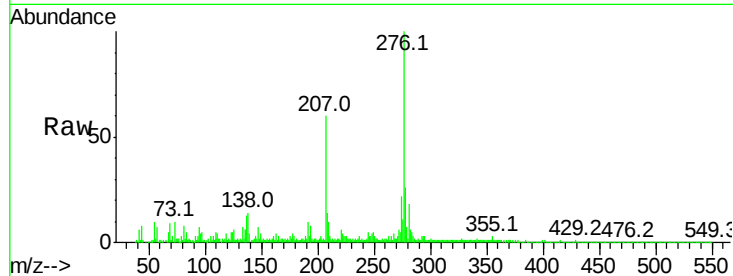
#90
Dibenzo(a,h)anthracene
Concen: 3.770 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	5.8	8.8#
279	30.6	18.6	27.8#

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:54 PM



#91
Benzo(g,h,i)perylene
Concen: 12.699 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.04 min
Lab File: BM012205.D
Acq: 15 Oct 2017 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.5	12.7#
277	25.7	18.6	28.0

