

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014465.D
 Acq On : 02 Mar 2018 17:07
 Operator : SJ/JU
 Sample : J1678-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z2RE

Manual Integrations
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Sohil
 3/5/2018 3:21:14 PM

Quant Time: Mar 03 00:06:29 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	123632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	554859	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	309841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	681454	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	490382	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	414771	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8682	3.01	ng/uL	0.00
5) Phenol-d5	6.73	99	267848	25.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	164895	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	220786	27.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	218742	23.92	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	118160	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	121420	28.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	224961	25.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	195579	22.58	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	764809	29.89	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	945419	29.96	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	81705m	23.13	ng/ul	0.03
57) Fluorene-d10	15.19	176	631101	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	8425	2.06	ng/ul	0.02
70) Anthracene-d10	17.04	188	915498	27.85	ng/ul	0.00
76) Pyrene-d10	19.36	212	889721	35.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	576516	28.56	ng/ul	0.02

Target Compounds

					Ovalue
44) Dimethylphthalate	13.65	163	118199	4.685 ng/ul	98
47) Acenaphthylene	13.90	152	58308	1.955 ng/ul	98
49) Acenaphthene	14.24	153	30037	1.430 ng/ul	88
69) Phenanthrene	16.99	178	591582	15.067 ng/ul	98
71) Anthracene	17.08	178	126498m	3.204 ng/ul	
72) Carbazole	17.37	167	50183	1.511 ng/ul	97
74) Fluoranthene	19.02	202	912099	19.444 ng/ul#	96
77) Pyrene	19.39	202	852243	26.151 ng/ul#	97
80) Benzo(a)anthracene	21.15	228	377875	12.347 ng/ul	98
82) Chrysene	21.20	228	360016m	12.610 ng/ul	
85) Benzo(b)fluoranthene	22.70	252	413272	14.881 ng/ul#	97
86) Benzo(k)fluoranthene	22.74	252	123531m	4.678 ng/ul	
88) Benzo(a)pyrene	23.26	252	286936	11.562 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.54	276	177406	7.367 ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	52865	2.642 ng/ul#	74
91) Benzo(g,h,i)perylene	26.21	276	143825	7.372 ng/ul#	87

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

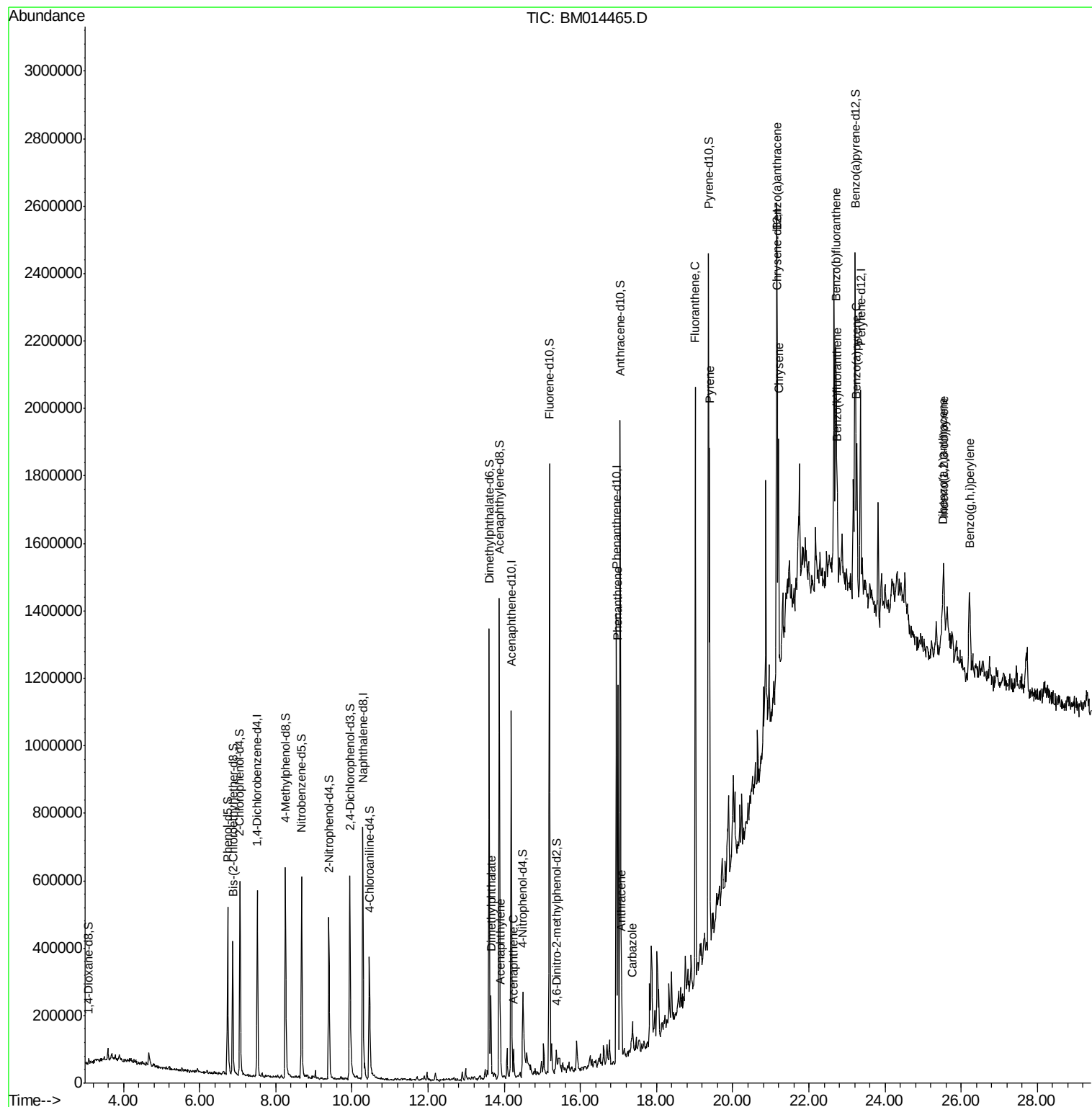
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

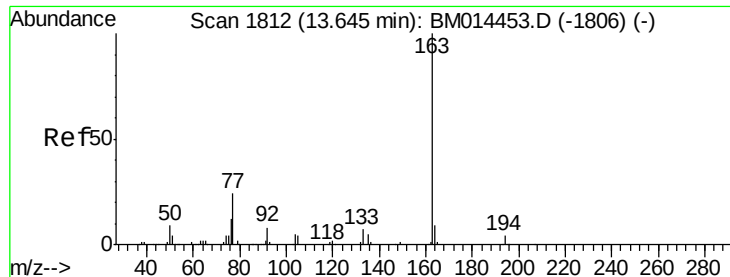
Instrument :
BNA_M
ClientSampled :
BE5Z2RE

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Quant Time: Mar 03 00:06:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration





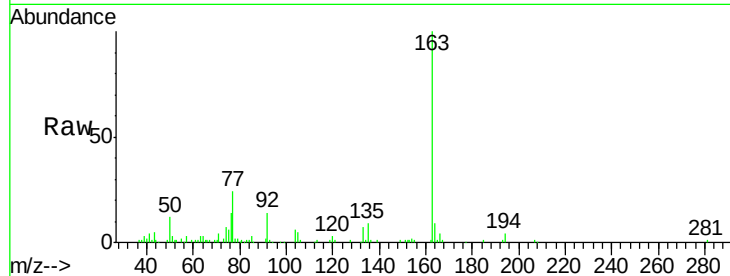
#44
Dimethylphthalate
Concen: 4.685 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

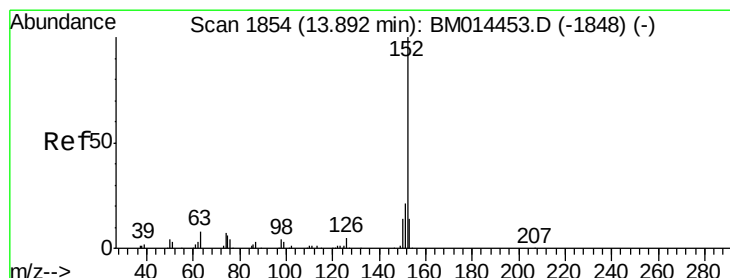
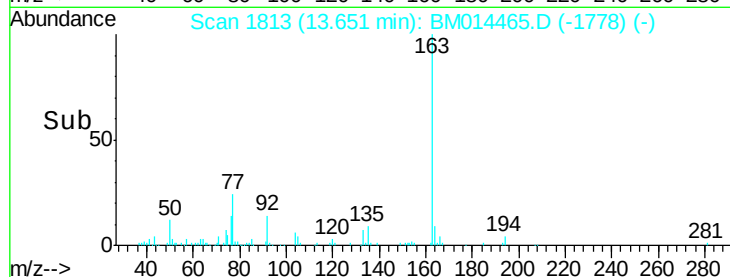
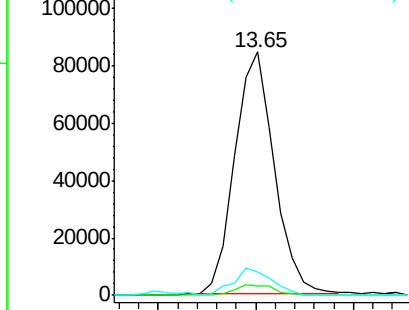
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118199		
194	3.9		3.5	5.3
164	9.5		8.2	12.4

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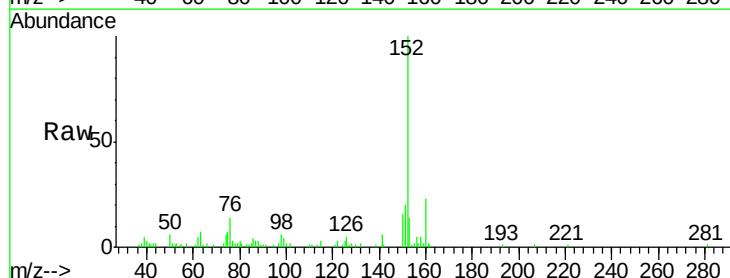


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

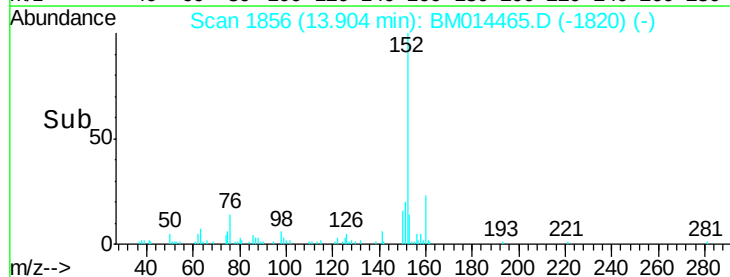
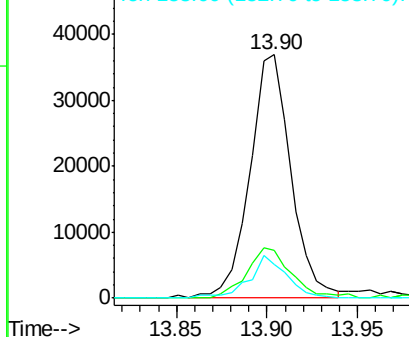


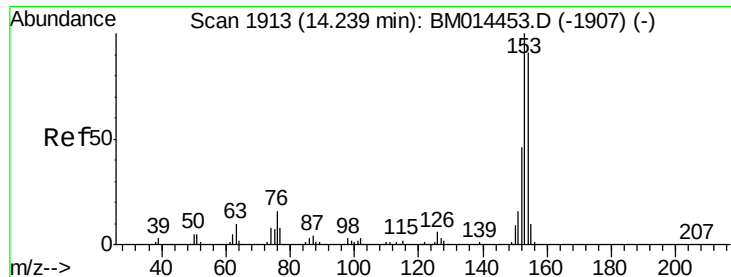
#47
Acenaphthylene
Concen: 1.955 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	58308		
151	19.5		16.3	24.5
153	14.0		10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 1.430 ng/ul

RT: 14.24 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Instrument :

BNA_M

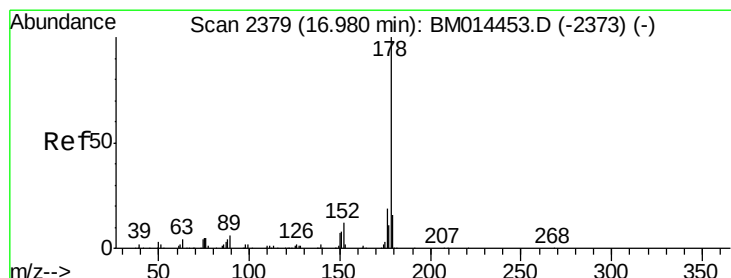
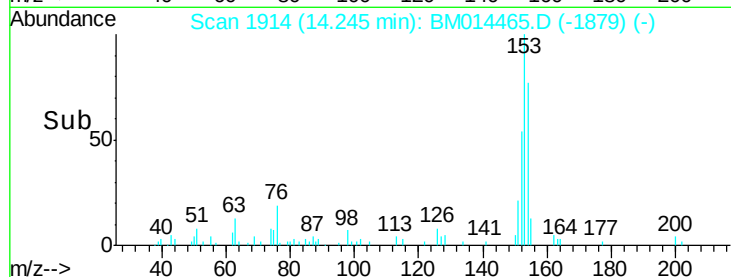
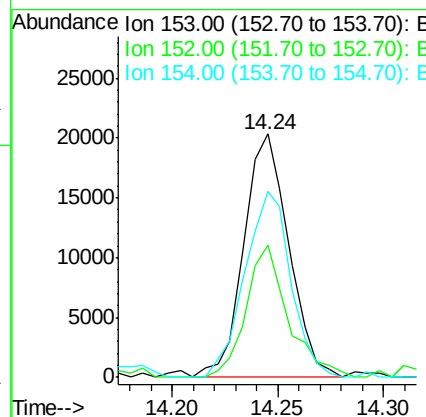
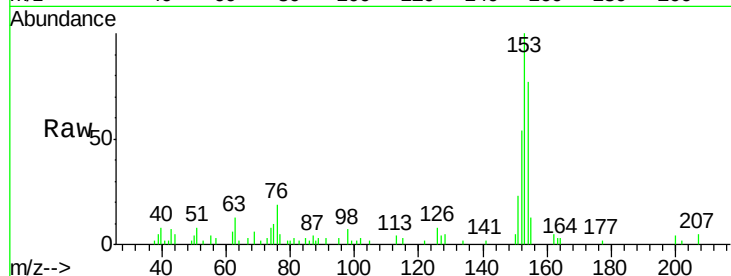
ClientSampleId :

BE5Z2RE

Tot Ion:	153	Resp:	30037
Ion Ratio	Lower	Upper	
153	100		
152	54.5	37.6	56.4
154	76.5	70.4	105.6

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#69

Phenanthrene

Concen: 15.067 ng/ul

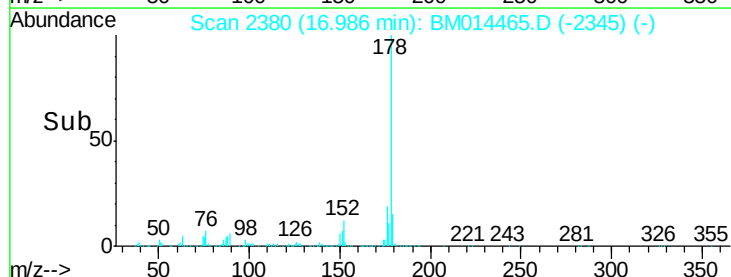
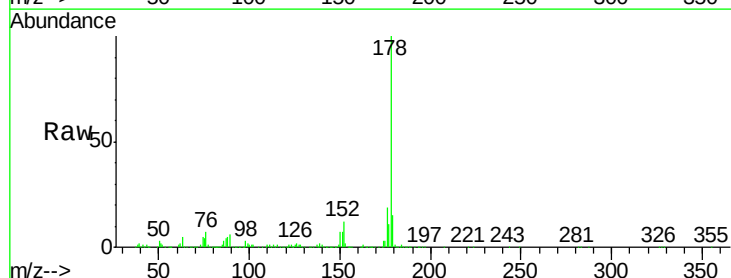
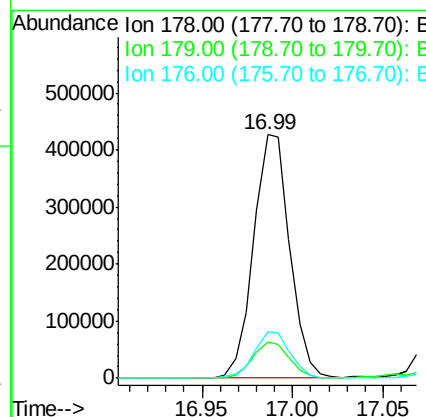
RT: 16.99 min Scan# 2380

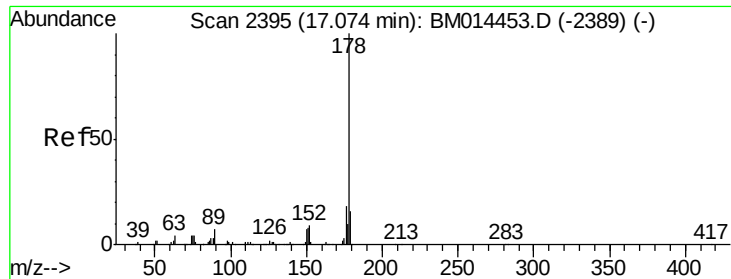
Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Tgt Ion:	178	Resp:	591582
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	19.2	14.9	22.3





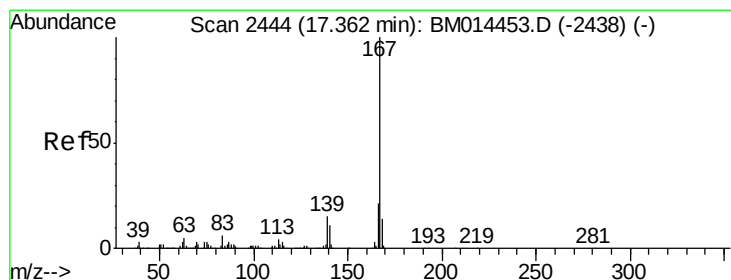
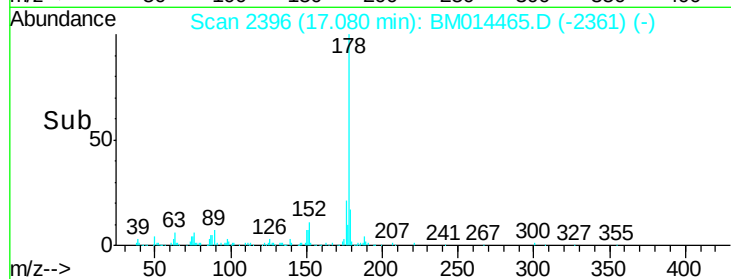
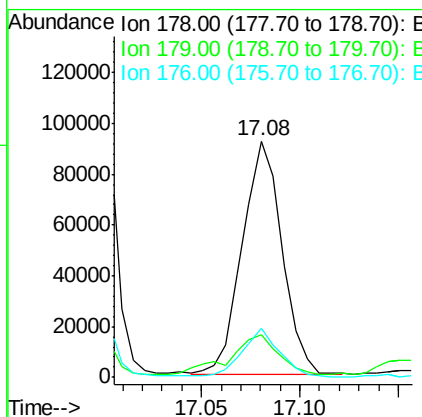
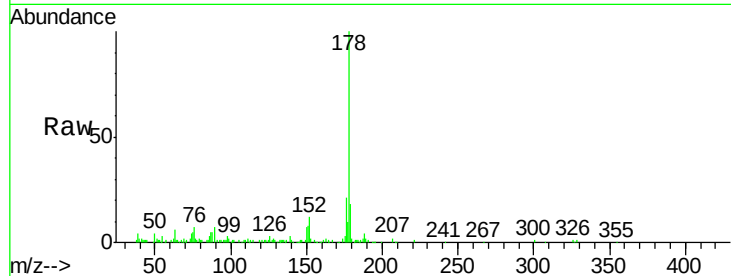
#71
 Anthracene
 Concen: 3.204 ng/ul m
 RT: 17.08 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BM014465.D
 Acq: 02 Mar 2018 17:07

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z2RE

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	11.7	17.5#
176	20.7	14.6	21.8

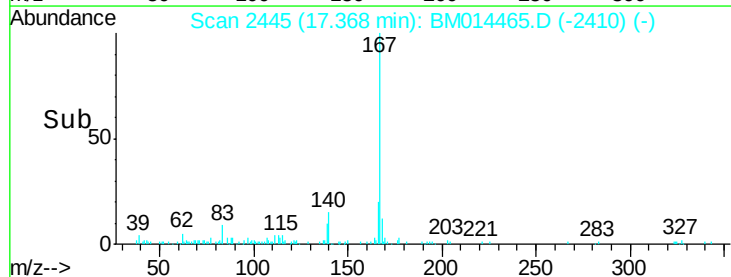
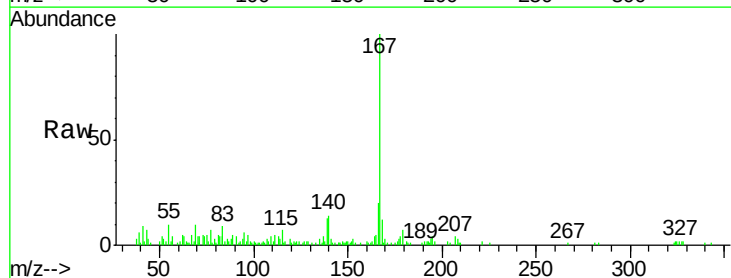
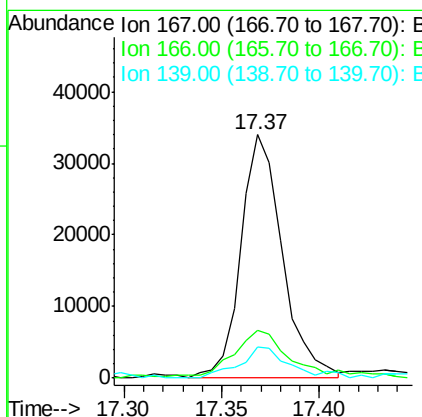
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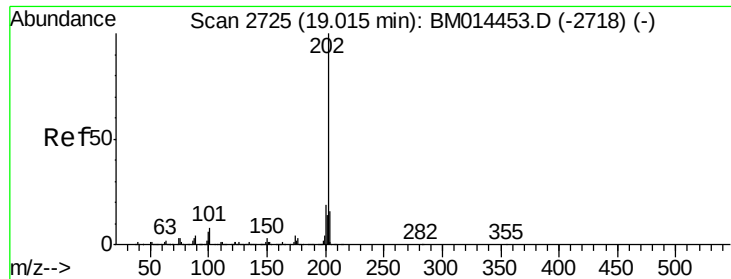
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#72
 Carbazole
 Concen: 1.511 ng/ul
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM014465.D
 Acq: 02 Mar 2018 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.1	25.7
139	12.9	10.0	15.0





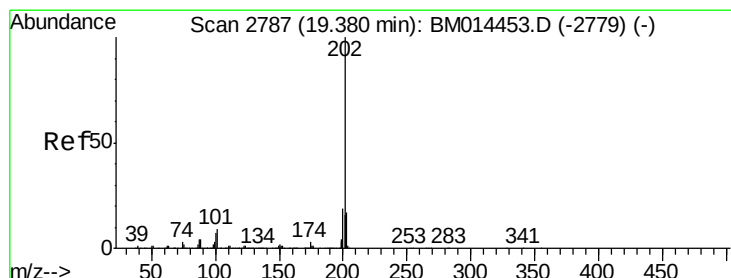
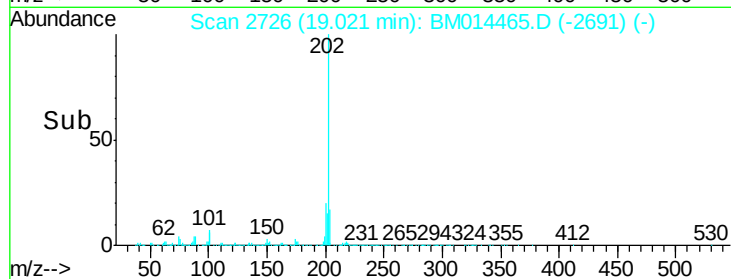
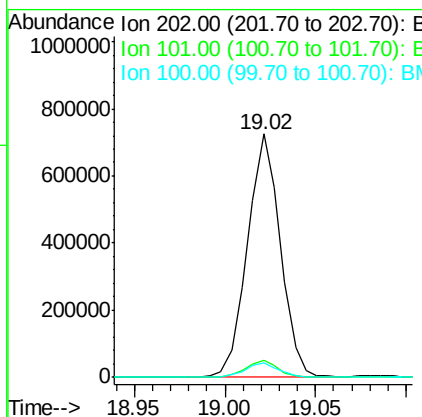
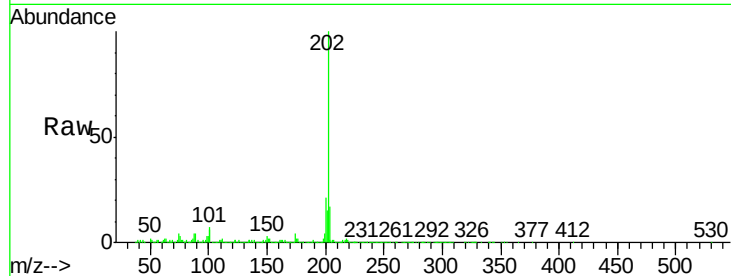
#74
Fluoranthene
Concen: 19.444 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	4.6	7.0
100	5.9	3.4	5.2#

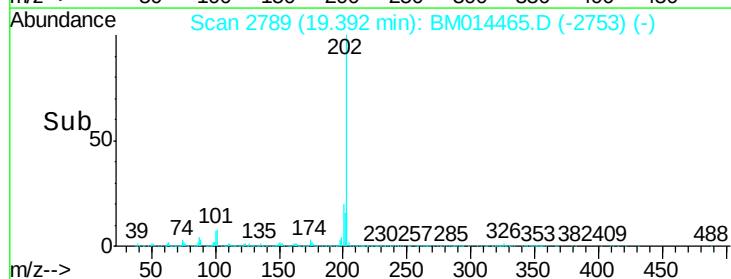
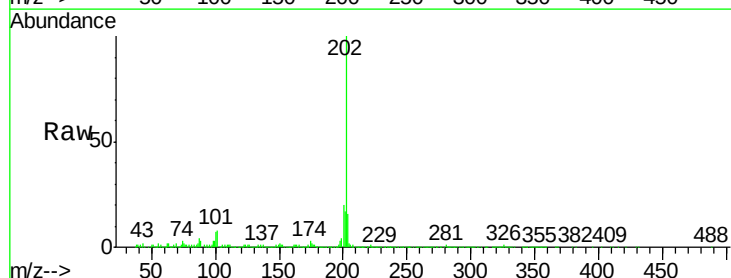
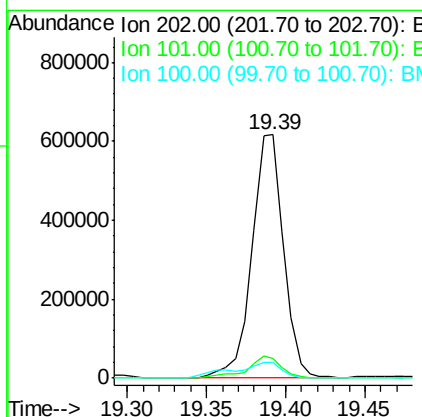
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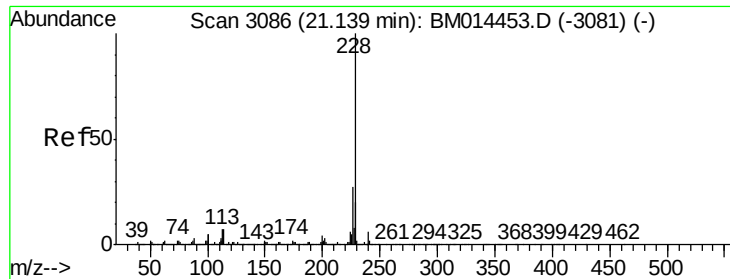
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#77
Pyrene
Concen: 26.151 ng/ul
RT: 19.39 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	6.6	4.9	7.3





#80

Benzo(a)anthracene

Concen: 12.347 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Instrument :

BNA_M

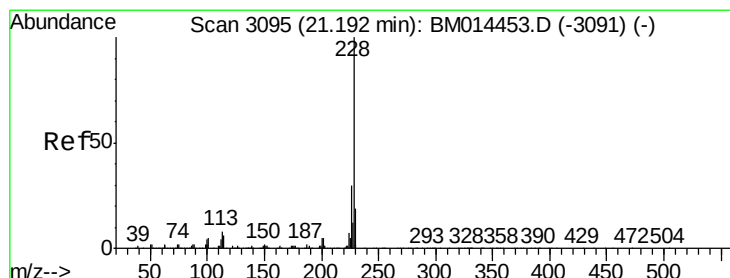
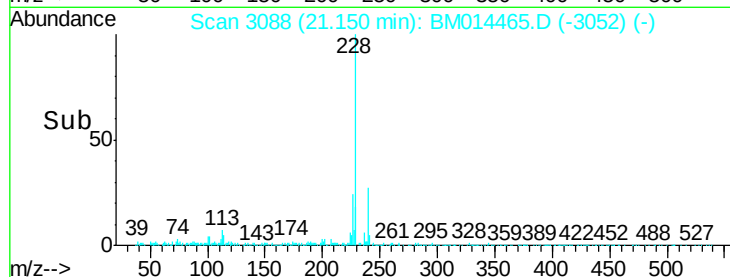
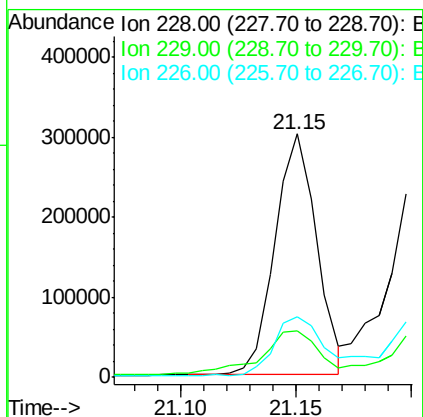
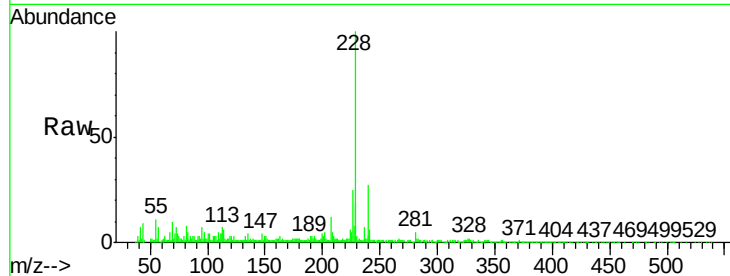
ClientSampleId :

BE5Z2RE

Tot Ion:	228	Resp:	377875
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.4	23.0
226	24.8	21.4	32.0

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#82

Chrysene

Concen: 12.610 ng/ul m

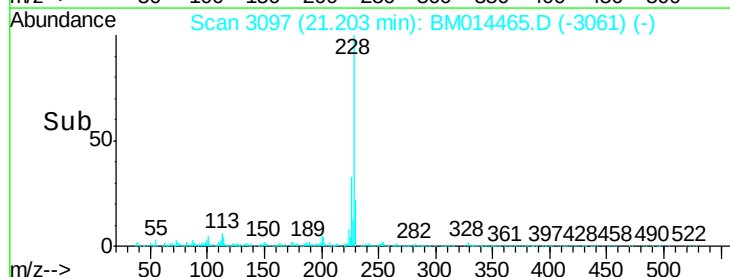
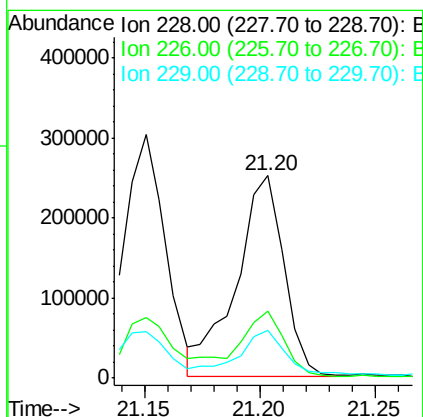
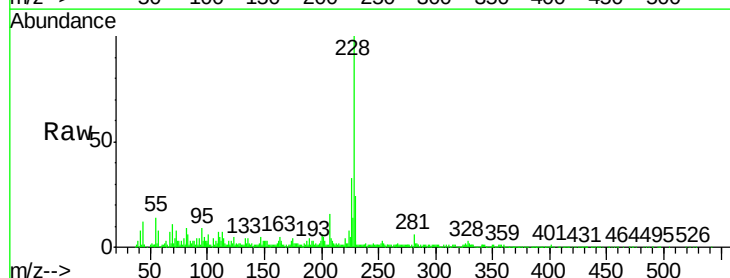
RT: 21.20 min Scan# 3097

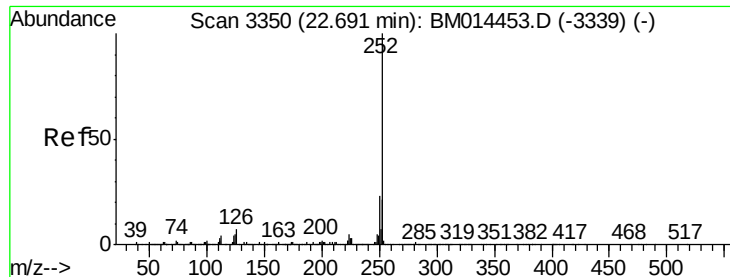
Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Tgt Ion:	228	Resp:	360016
Ion Ratio	Lower	Upper	
228	100		
226	33.2	23.4	35.2
229	23.5	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 14.881 ng/ul

RT: 22.70 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Instrument :

BNA_M

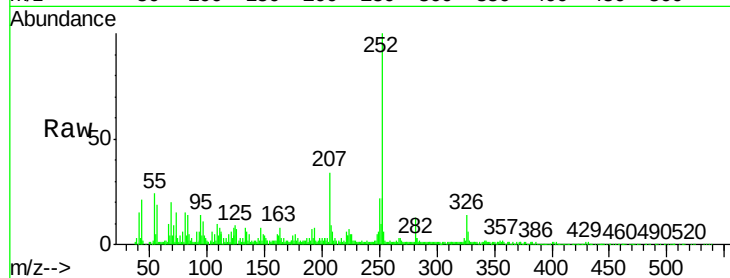
ClientSampleId :

BE5Z2RE

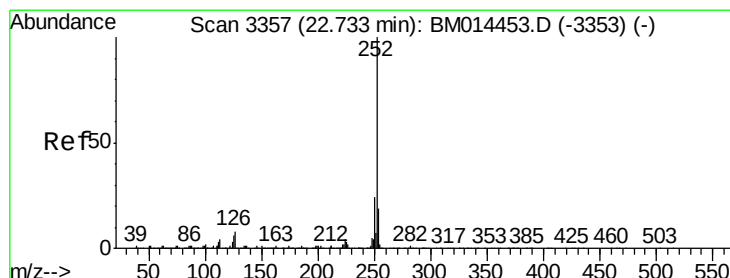
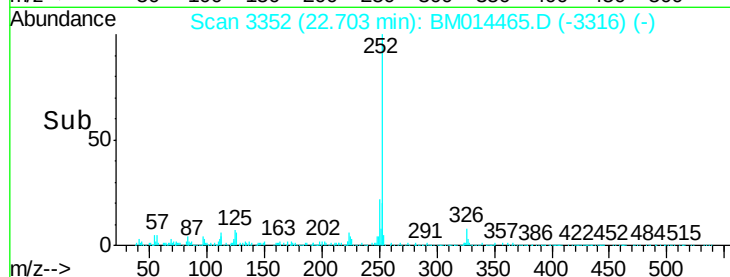
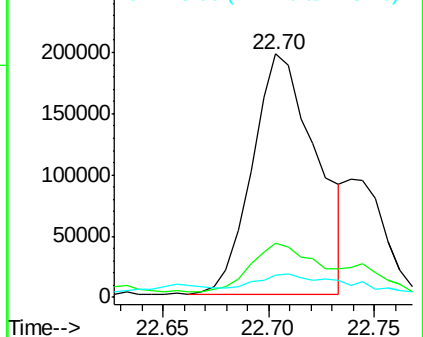
Tot Ion:	252	Resp:	413272
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	9.3	3.6	5.4#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 4.678 ng/ul m

RT: 22.74 min Scan# 3358

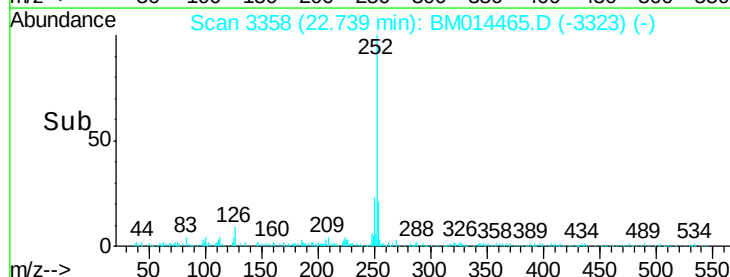
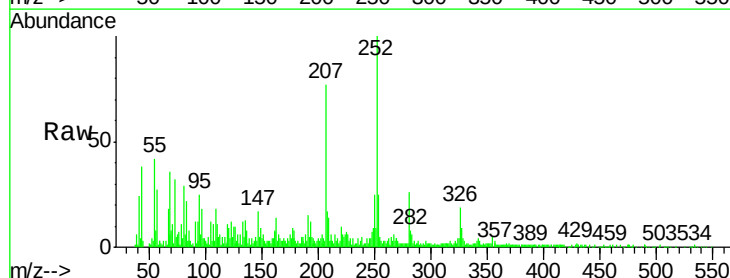
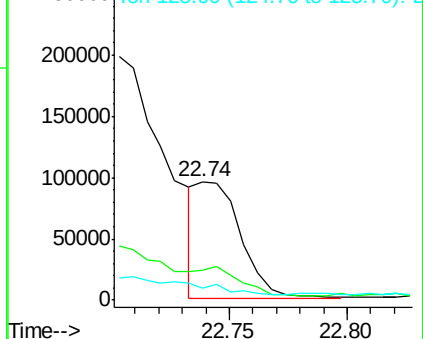
Delta R.T. 0.01 min

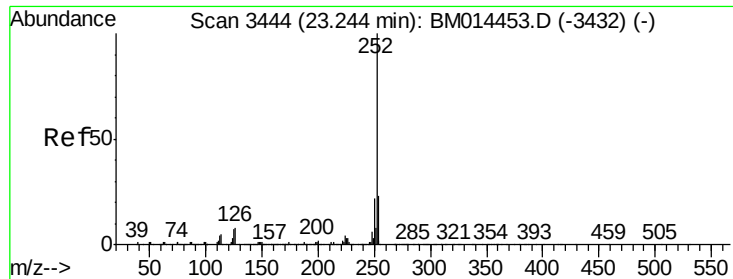
Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Tgt Ion:	252	Resp:	123531
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.1	25.7
125	10.3	3.4	5.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





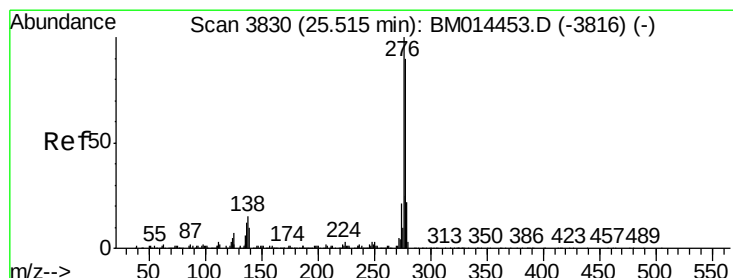
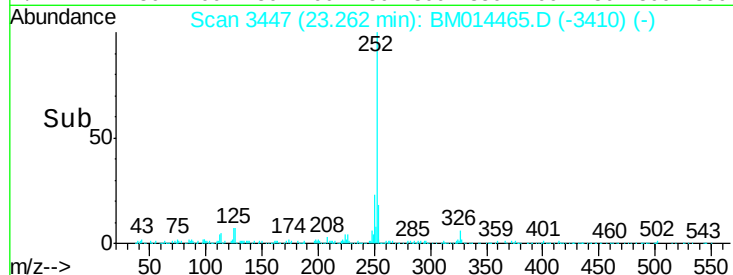
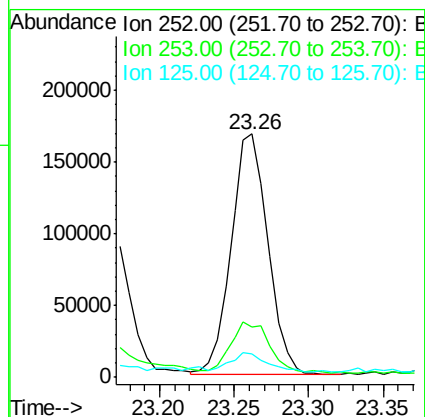
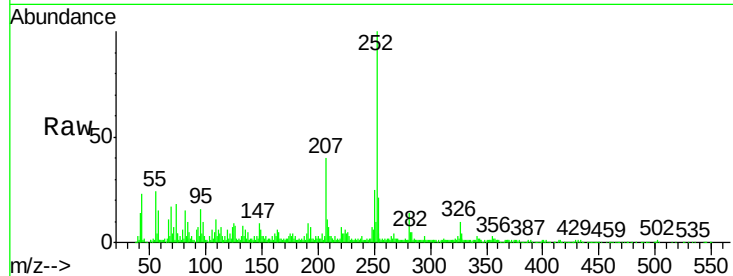
#88
Benzo(a)pyrene
Concen: 11.562 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. 0.02 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	20.8	18.2	27.2
125	9.4	4.0	6.0

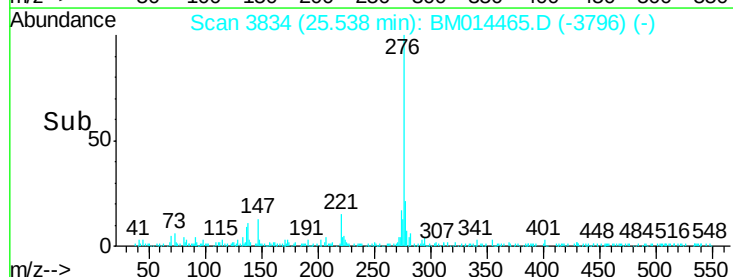
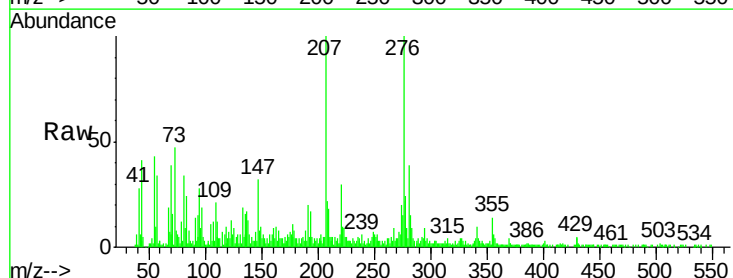
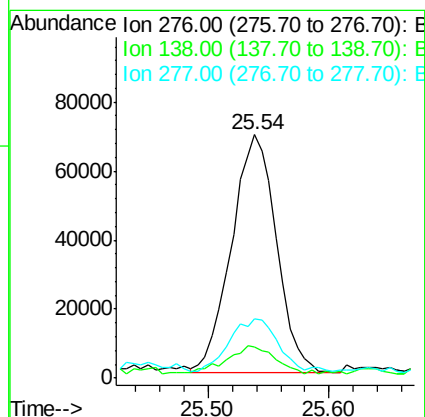
Manual Integrations
APPROVED

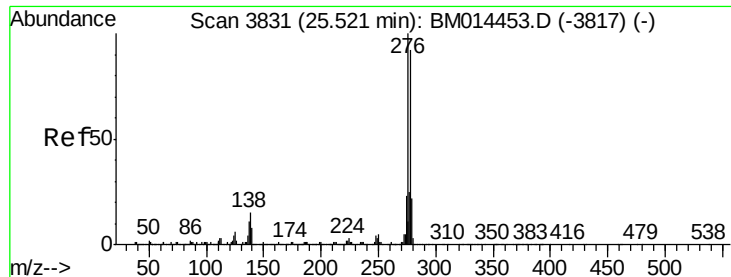
Sohil
3/5/2018 3:21:14 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 7.367 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. 0.02 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.7	9.3	13.9
277	24.1	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 2.642 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Instrument :

BNA_M

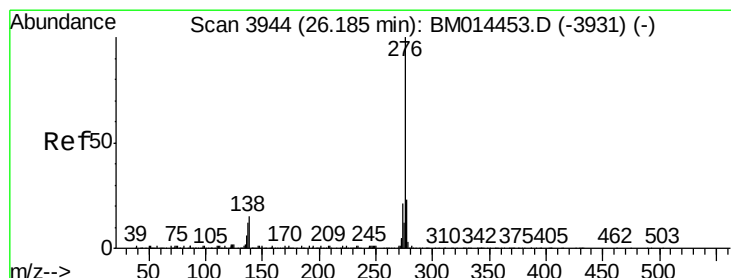
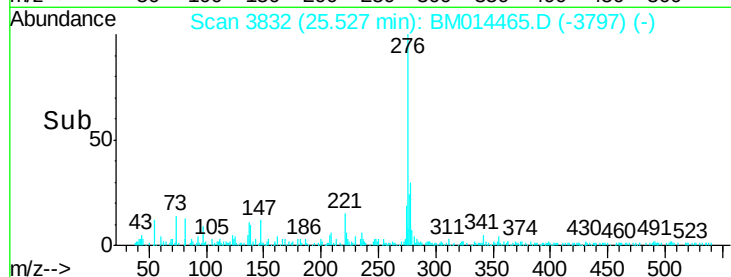
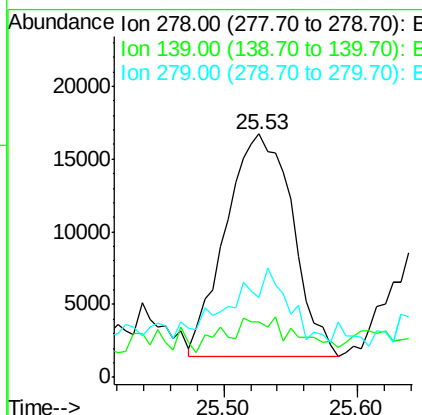
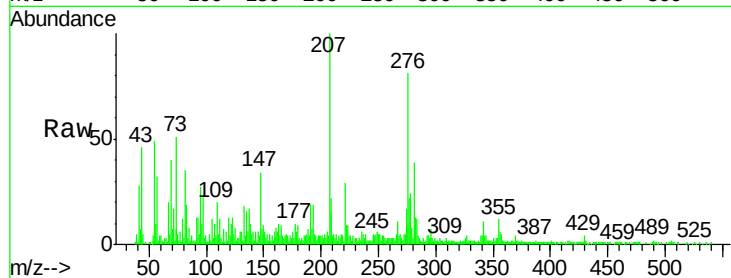
ClientSampleId :

BE5Z2RE

Tot Ion:	278	Resp:	52865
Ion Ratio	Lower	Upper	
278	100		
139	22.6	5.8	8.8#
279	32.8	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/5/2018 3:21:14 PM



#91

Benzo(g,h,i)perylene

Concen: 7.372 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. 0.02 min

Lab File: BM014465.D

Acq: 02 Mar 2018 17:07

Tgt Ion:	276	Resp:	143825
Ion Ratio	Lower	Upper	
276	100		
138	19.5	8.5	12.7#
277	27.0	18.6	28.0

