

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014594.D
 Acq On : 16 Mar 2018 01:52
 Operator : SJ/JU
 Sample : J1904-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL18

Manual Integrations
 APPROVED

Sohil
 3/16/2018 5:10:00 PM

Quant Time: Mar 16 16:03:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	111168	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	414004	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	206402	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	385963	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	377657	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	381386	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	130976	20.47	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	523033	23.71	ng/ul	0.00
10) Fluorene-d10	15.13	176	341741	23.65	ng/ul	0.00
15) Anthracene-d10	16.99	188	485437m	26.27	ng/ul	0.00
19) Pyrene-d10	19.30	212	505887	22.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	498454	27.02	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	11.90	142	28004	1.903	ng/ul	90
14) Phenanthrene	16.93	178	83996	3.886	ng/ul	96
17) Fluoranthene	18.97	202	152492	6.215	ng/ul#	91
20) Pyrene	19.33	202	148465	5.227	ng/ul	98
21) Benzo(a)anthracene	21.10	228	95259	3.989	ng/ul#	92
22) Chrysene	21.15	228	95087	4.330	ng/ul#	93
24) Benzo(b)fluoranthene	22.64	252	127633	5.323	ng/ul#	88
25) Benzo(k)fluoranthene	22.67	252	35867	1.574	ng/ul#	83
27) Benzo(a)pyrene	23.19	252	99681	4.380	ng/ul#	84
28) Indeno(1,2,3-cd)pyrene	25.42	276	72093m	2.752	ng/ul	
30) Benzo(g,h,i)perylene	26.08	276	73205m	3.508	ng/ul	

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

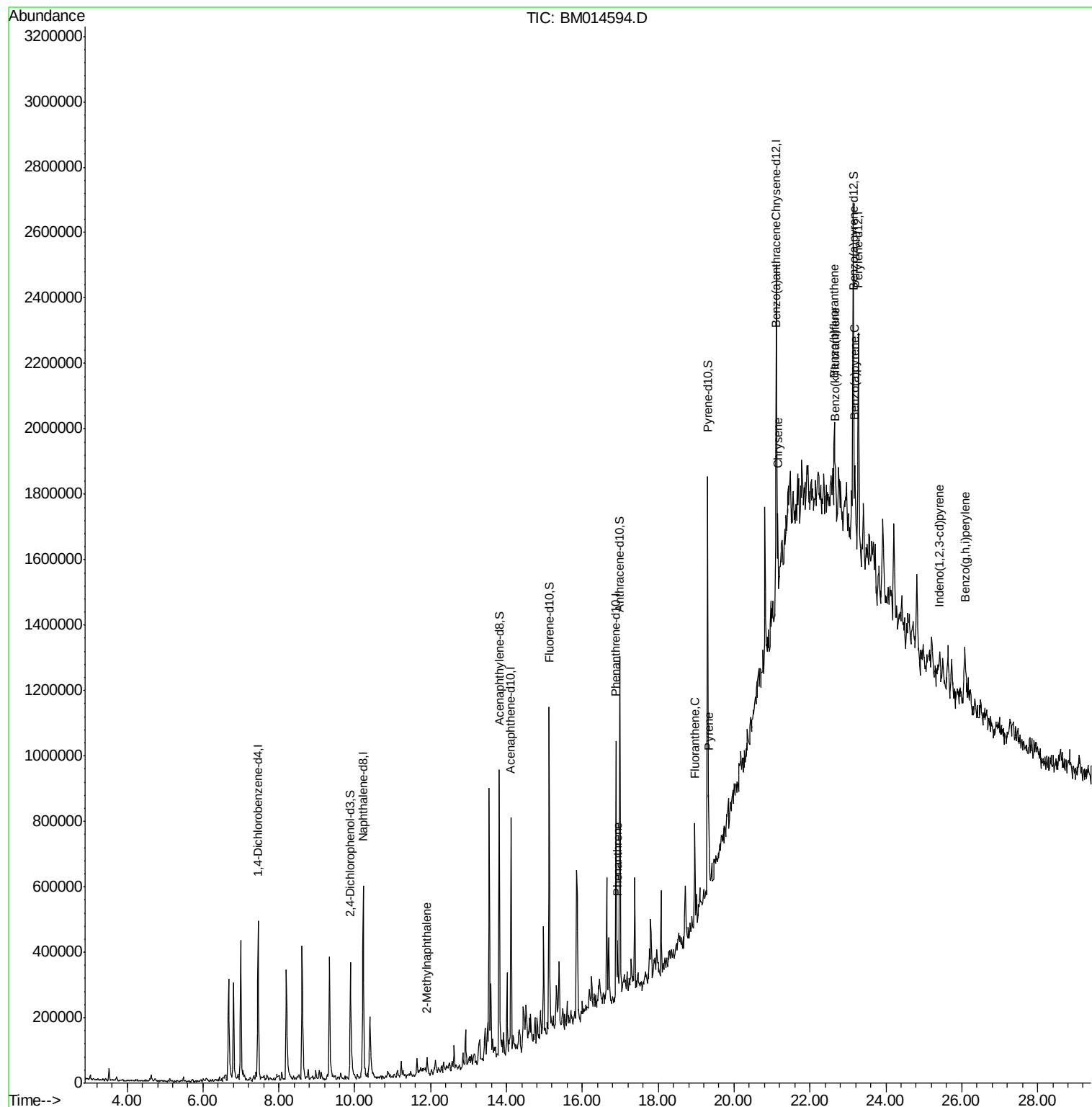
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
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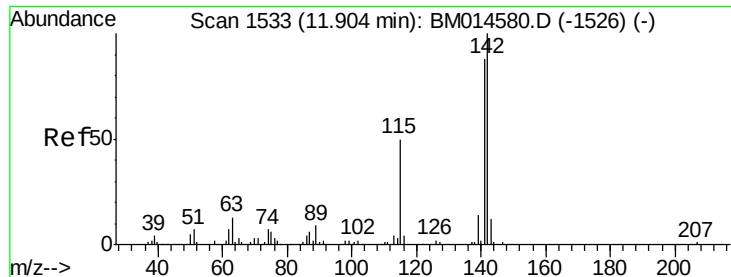
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
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#5

2-Methylnaphthalene

Concen: 1.903 ng/ul

RT: 11.90 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

ClientSampleId :

BEL18

Tot Ion:142 Resp: 28004

Ion Ratio Lower Upper

142 100

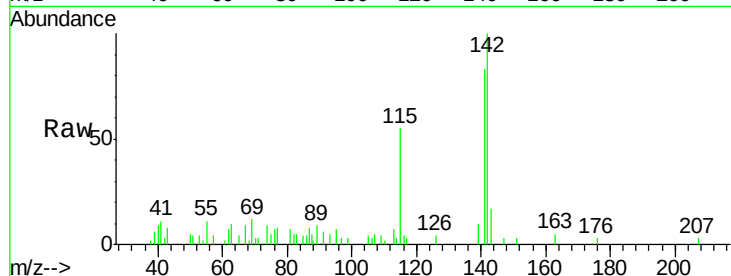
141 83.5 74.1 111.1

Manual Integrations

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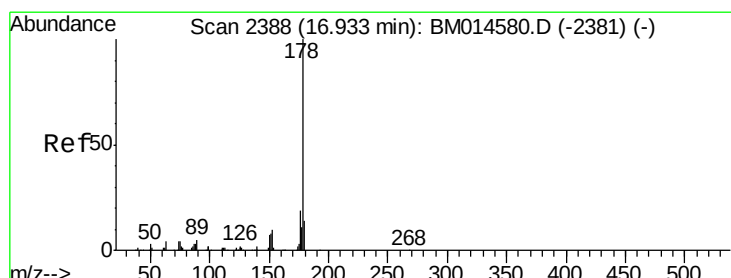
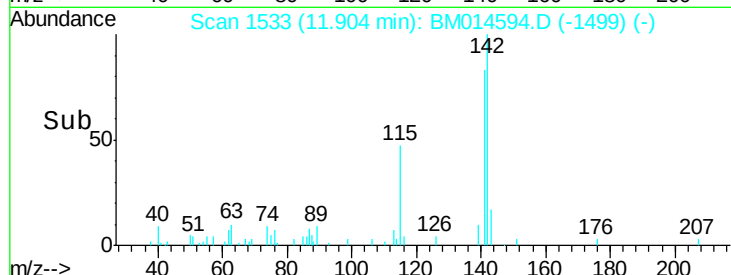
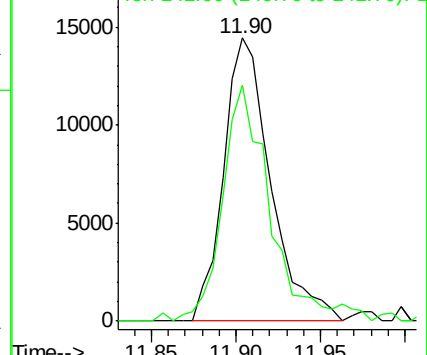
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#14

Phenanthrene

Concen: 3.886 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

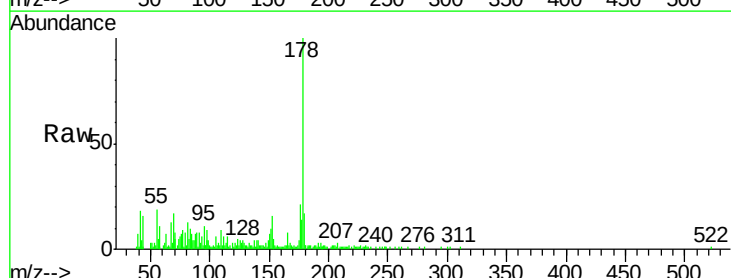
Tgt Ion:178 Resp: 83996

Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

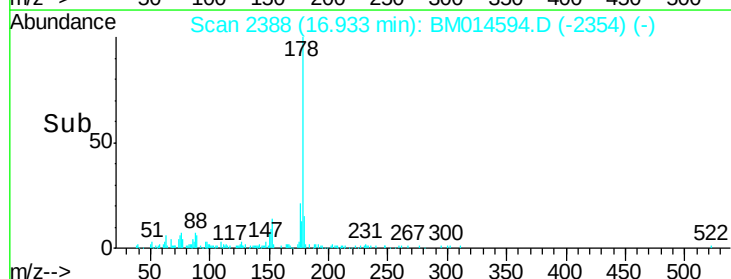
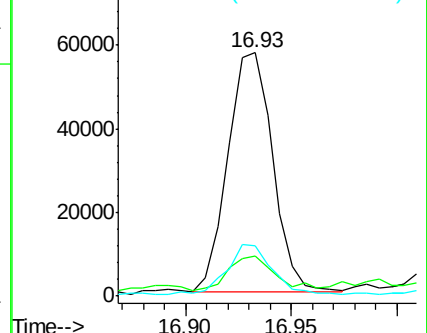
176 20.9 14.9 22.3

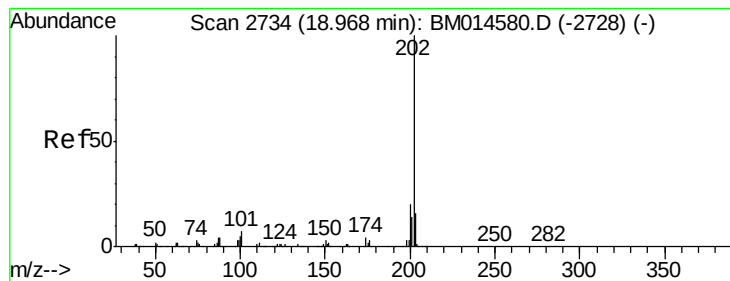


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 6.215 ng/ul

RT: 18.97 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

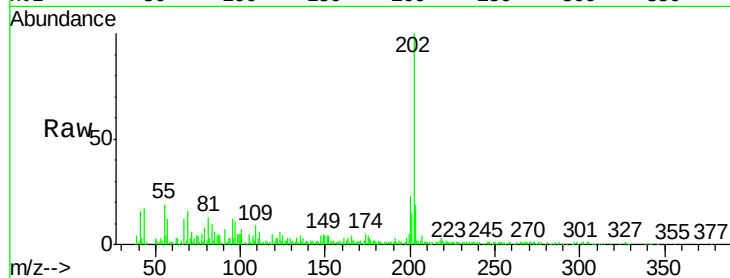
ClientSampled :

BEL18

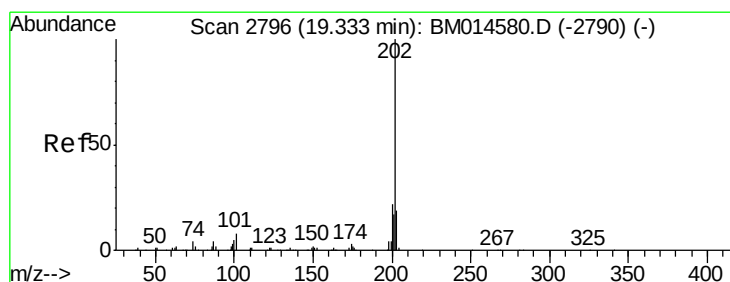
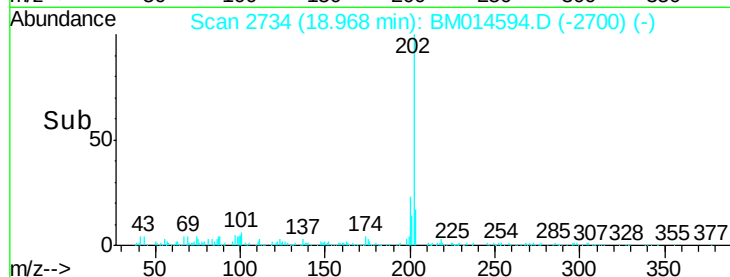
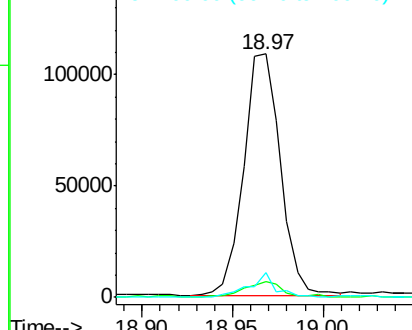
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	4.6	7.0
100	10.1	3.4	5.2#

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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



#20

Pyrene

Concen: 5.227 ng/ul

RT: 19.33 min Scan# 2796

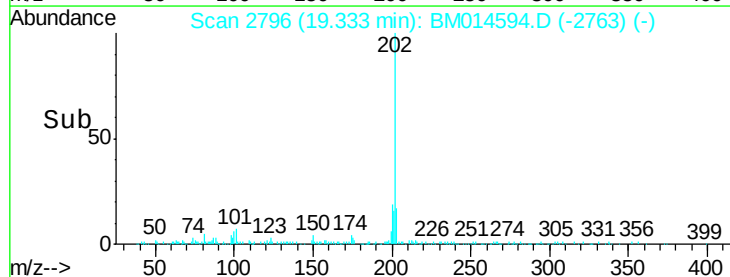
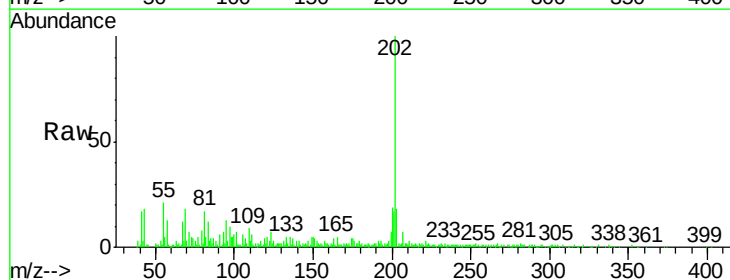
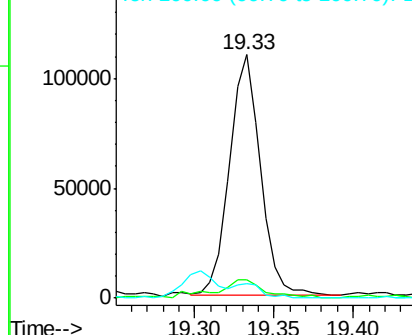
Delta R.T. -0.01 min

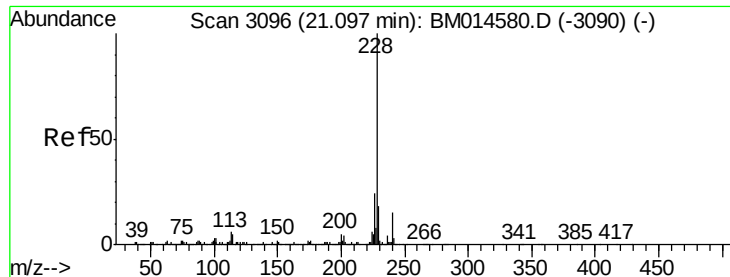
Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	5.1	7.7
100	6.1	4.9	7.3

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





#21

Benzo(a)anthracene

Concen: 3.989 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

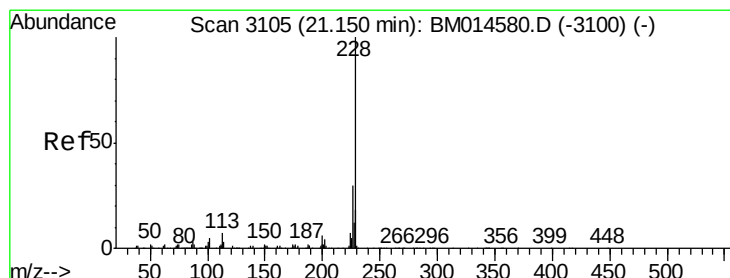
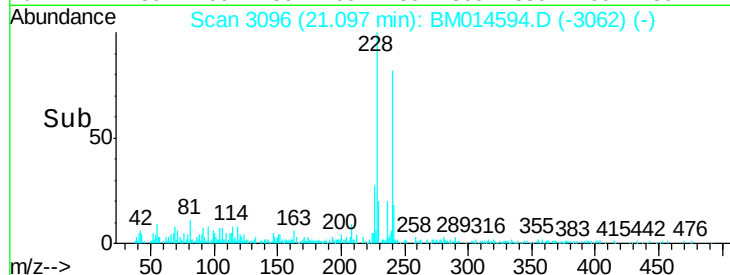
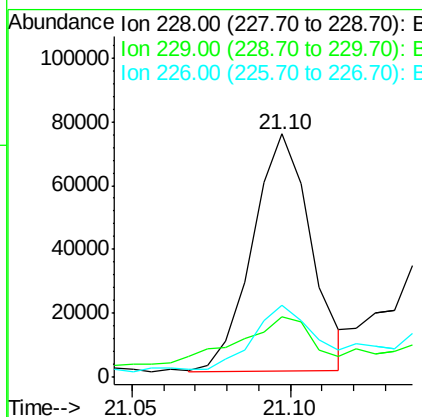
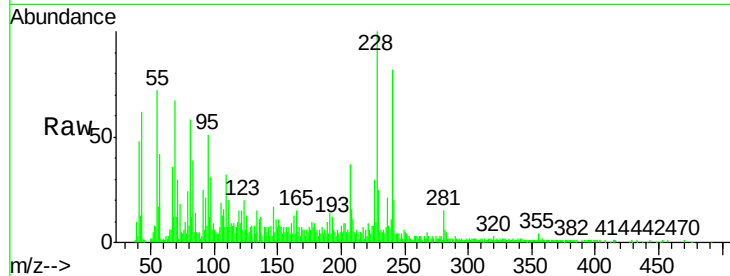
ClientSampled :

BEL18

Tot Ion:	228	Resp:	95259
Ion Ratio	Lower	Upper	
228	100		
229	24.7	15.4	23.0#
226	29.5	21.4	32.0

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#22

Chrysene

Concen: 4.330 ng/ul

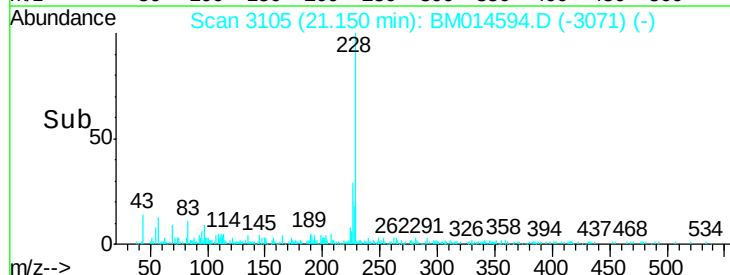
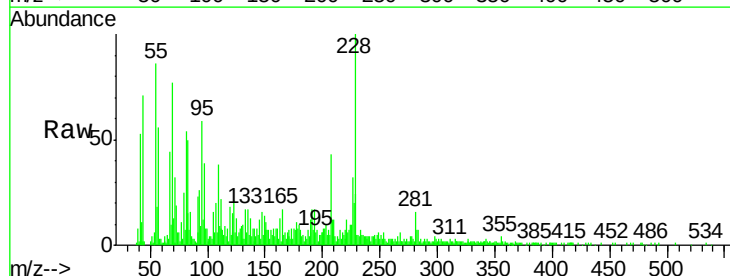
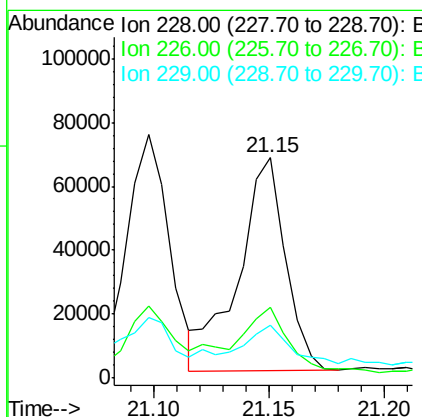
RT: 21.15 min Scan# 3105

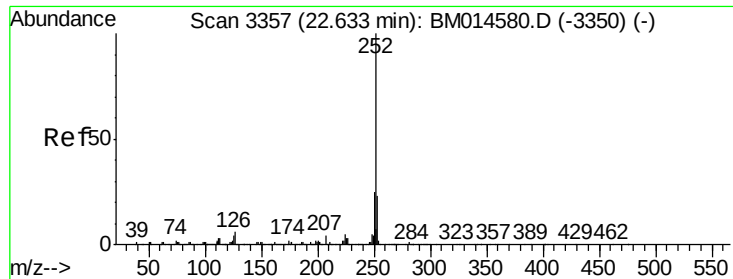
Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Tgt Ion:	228	Resp:	95087
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.2
229	24.2	15.5	23.3#





#24

Benzo(b)fluoranthene

Concen: 5.323 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

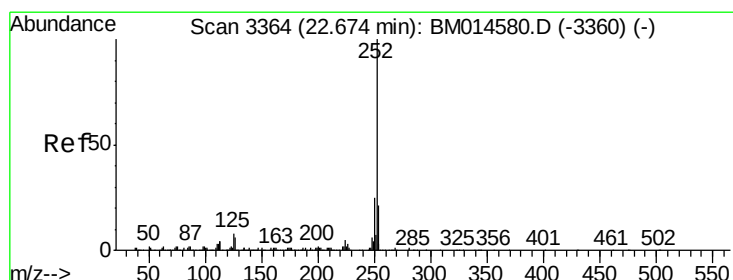
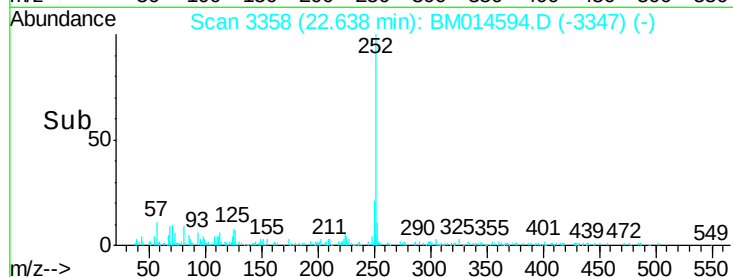
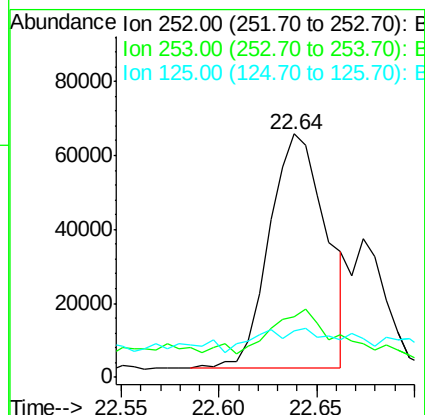
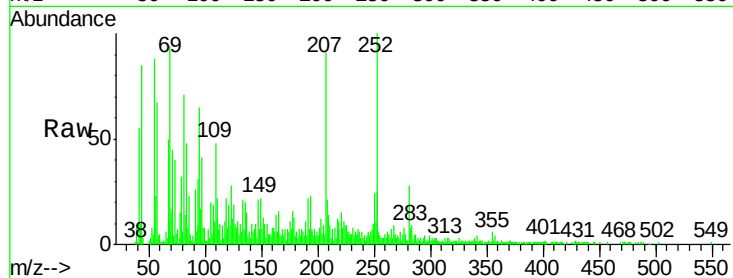
ClientSampleId :

BEL18

Tot Ion:	252	Resp:	127633
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.9	26.9
125	19.1	3.6	5.4#

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#25

Benzo(k)fluoranthene

Concen: 1.574 ng/ul

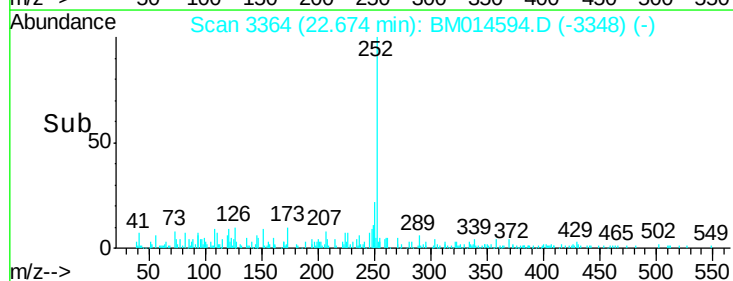
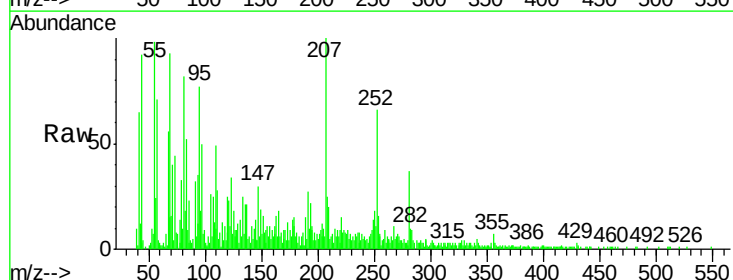
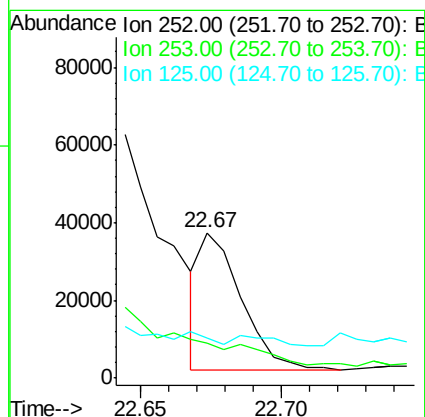
RT: 22.67 min Scan# 3364

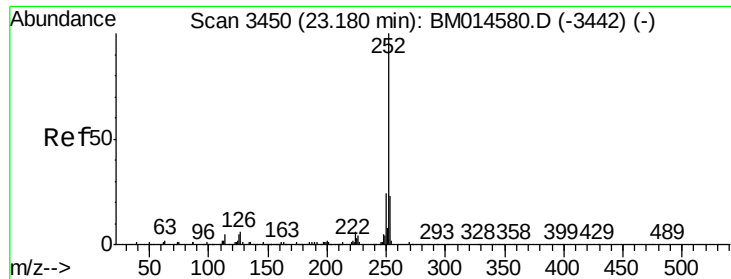
Delta R.T. -0.01 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Tgt Ion:	252	Resp:	35867
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	27.7	3.4	5.2#





#27

Benzo(a)pyrene

Concen: 4.380 ng/ul

RT: 23.19 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

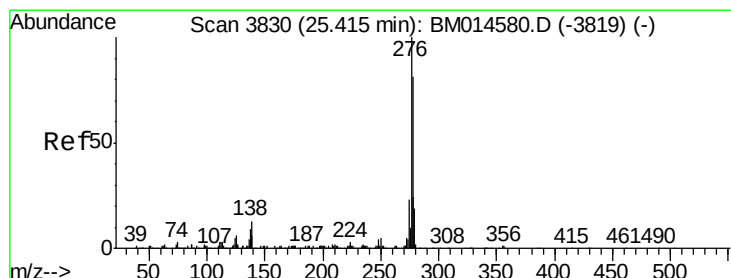
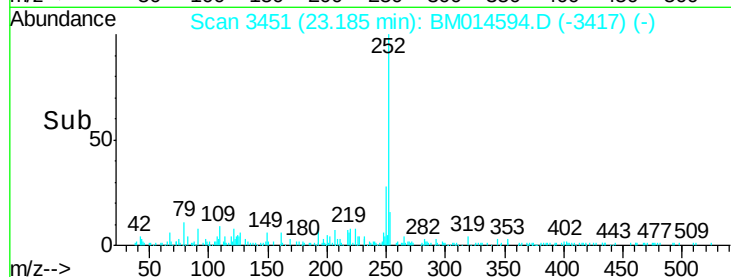
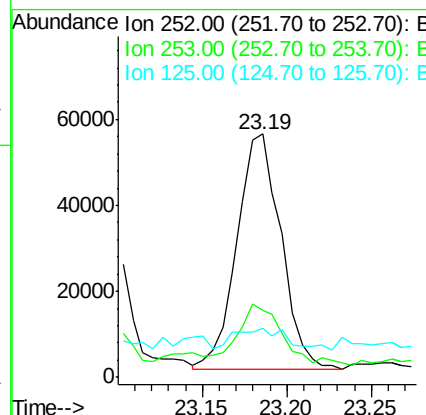
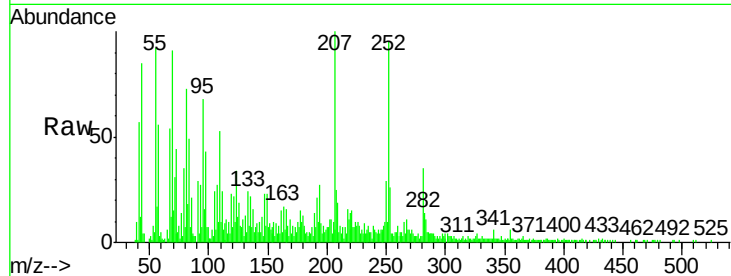
ClientSampled :

BEL18

Tot Ion:	252	Resp:	99681
Ion Ratio	Lower	Upper	
252	100		
253	27.4	18.2	27.2#
125	20.1	4.0	6.0#

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#28

Indeno(1,2,3-cd)pyrene

Concen: 2.752 ng/ul m

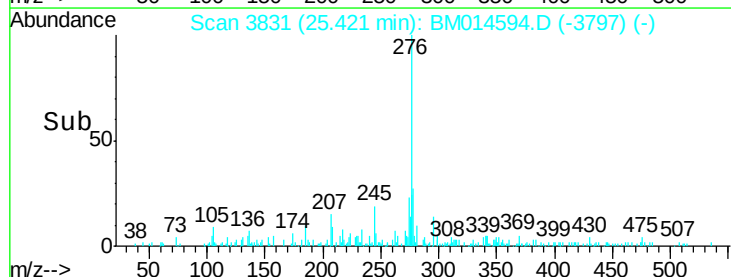
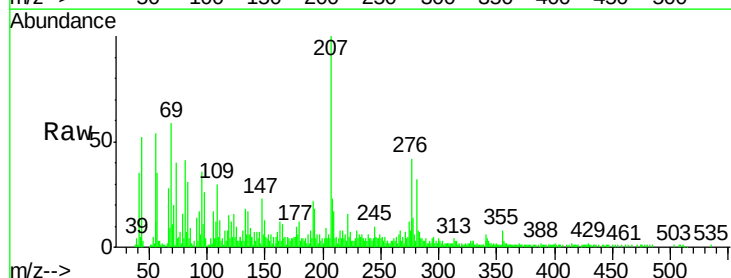
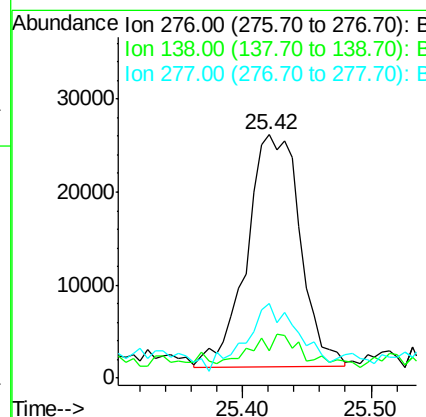
RT: 25.42 min Scan# 3831

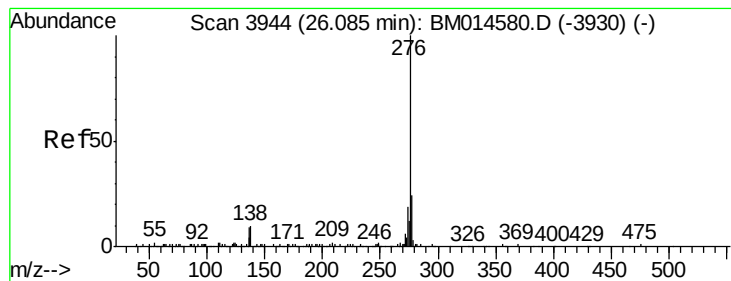
Delta R.T. -0.00 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Tgt Ion:	276	Resp:	72093
Ion Ratio	Lower	Upper	
276	100		
138	11.4	9.3	13.9
277	30.7	19.9	29.9#





#30

Benzo(a,h,i)perylene

Concen: 3.508 ng/ul m

RT: 26.08 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BM014594.D

Acq: 16 Mar 2018 01:52

Instrument :

BNA_M

ClientSampleId :

BEL18

Tot Ion:	276	Resp:	73205
Ion Ratio	Lower	Upper	
276	100		
138	18.6	8.5	12.7#
277	26.1	18.6	28.0

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