

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014600.D
 Acq On : 16 Mar 2018 05:28
 Operator : SJ/JU
 Sample : J1904-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL44

Manual Integrations
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Sohil
 3/16/2018 5:10:15 PM

Quant Time: Mar 16 16:34:59 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	7.46	152	145367	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	593526	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	281379	20.00	ng/ul	0.01
12) Phenanthrene-d10	16.90	188	467773	20.00	ng/ul	0.01
18) Chrysene-d12	21.13	240	464571	20.00	ng/ul	0.01
23) Perylene-d12	23.31	264	480210	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	220743	24.06	ng/ul	0.00
7) Acenaphthylene-d8	13.82	160	750058	24.94	ng/ul	0.01
10) Fluorene-d10	15.14	176	476672	24.20	ng/ul	0.01
15) Anthracene-d10	17.00	188	598690	26.73	ng/ul	0.01
19) Pyrene-d10	19.32	212	572154	20.49	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.17	264	602379	25.93	ng/ul	0.04
Target Compounds				Qvalue		
9) Acenaphthene	14.19	153	43188	2.261	ng/ul#	88
11) Fluorene	15.20	166	35028	1.547	ng/ul	93
14) Phenanthrene	16.94	178	410706	15.678	ng/ul	99
16) Anthracene	17.04	178	124598	4.758	ng/ul	94
17) Fluoranthene	18.98	202	823804	27.704	ng/ul#	97
20) Pyrene	19.34	202	686280	19.642	ng/ul#	97
21) Benzo(a)anthracene	21.11	228	500765	17.045	ng/ul#	94
22) Chrysene	21.17	228	484045	17.919	ng/ul#	91
24) Benzo(b)fluoranthene	22.66	252	767535	25.423	ng/ul#	90
25) Benzo(k)fluoranthene	22.70	252	194059m	6.766	ng/ul	
27) Benzo(a)pyrene	23.21	252	540286	18.853	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.49	276	351099	10.645	ng/ul#	91
29) Dibenzo(a,h)anthracene	25.47	278	109167	3.954	ng/ul#	54
30) Benzo(a,h,i)perylene	26.16	276	324306	12.344	ng/ul#	85

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

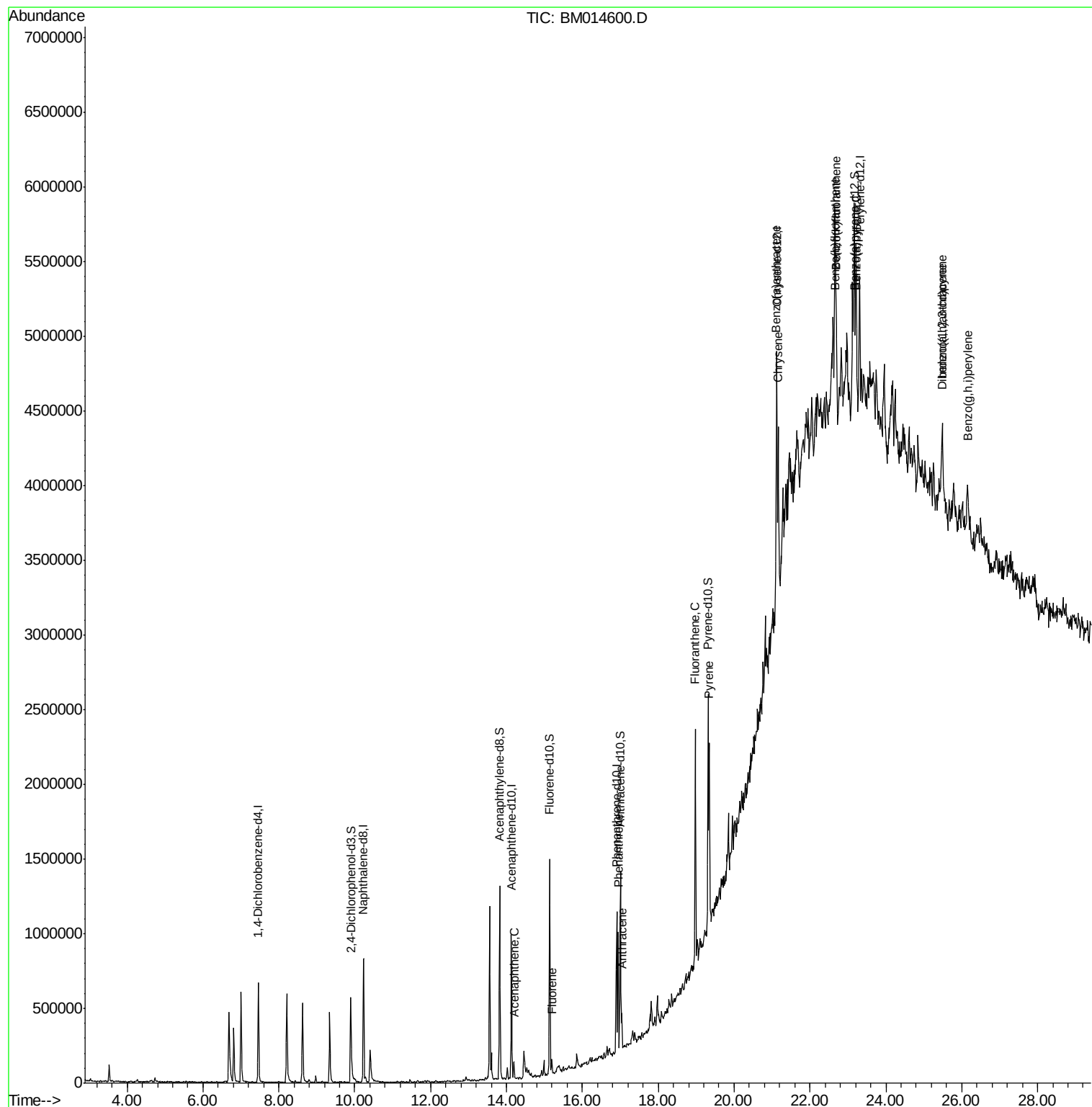
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
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ALS Vial : 28 Sample Multiplier: 1

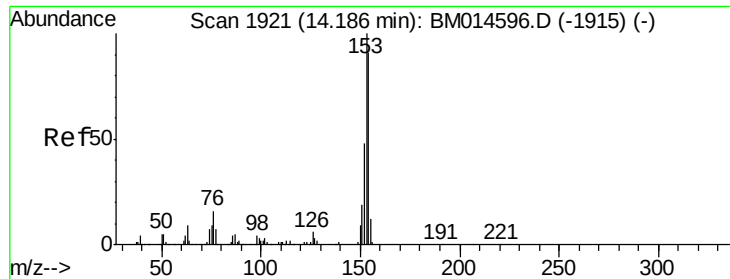
Instrument :
BNA_M
ClientSampled :
BEL44

Quant Time: Mar 16 16:34:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
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#9

Acenaphthene

Concen: 2.261 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

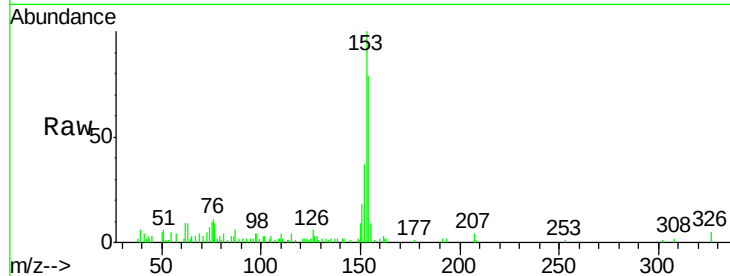
ClientSampled :

BEL44

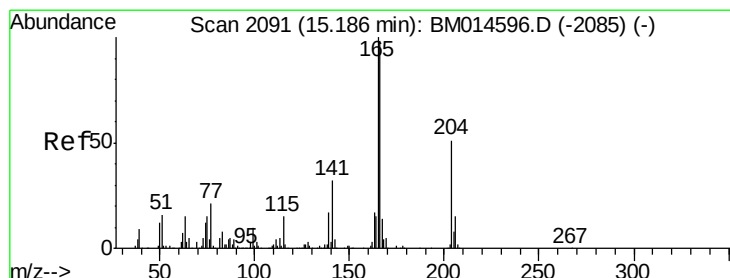
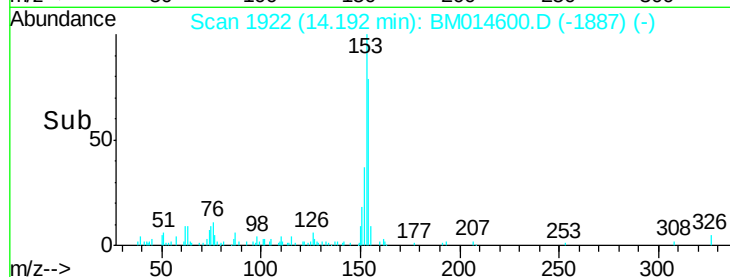
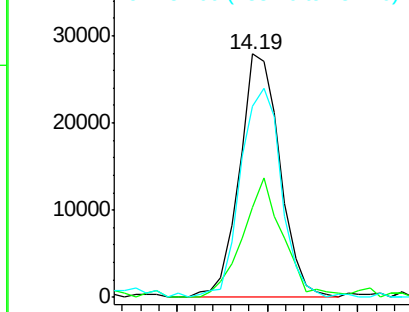
Tot Ion	Ratio	Lower	Upper
153	100		
152	37.2	37.6	56.4#
154	78.7	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.547 ng/ul

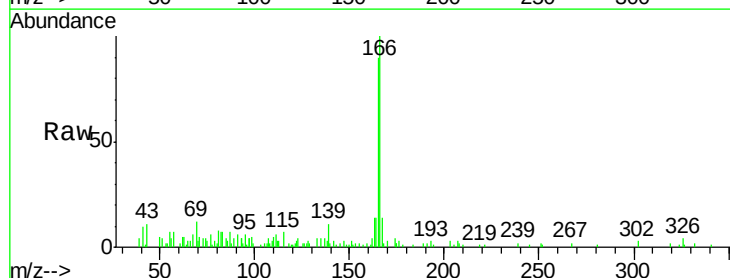
RT: 15.20 min Scan# 2093

Delta R.T. 0.01 min

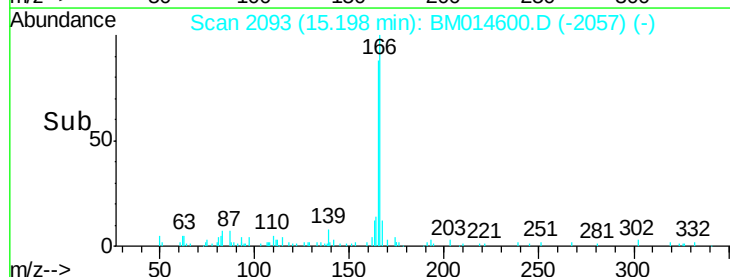
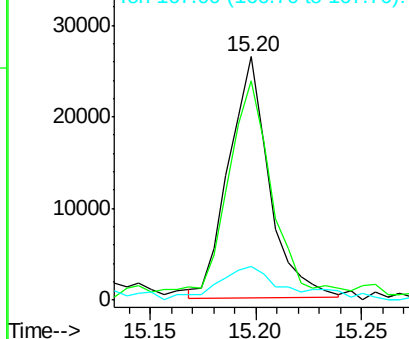
Lab File: BM014600.D

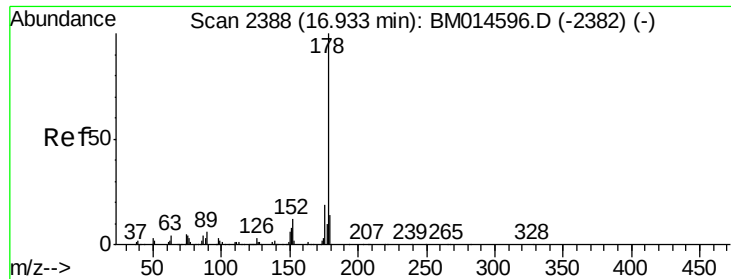
Acq: 16 Mar 2018 05:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.0	77.9	116.9
167	13.7	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





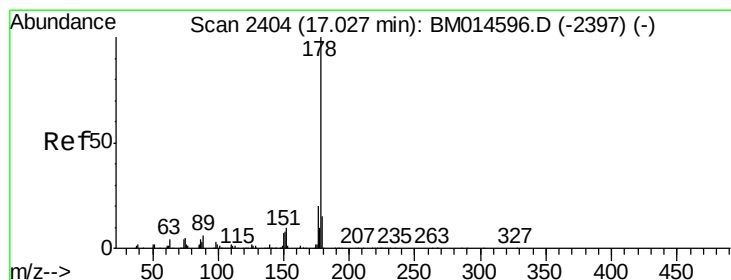
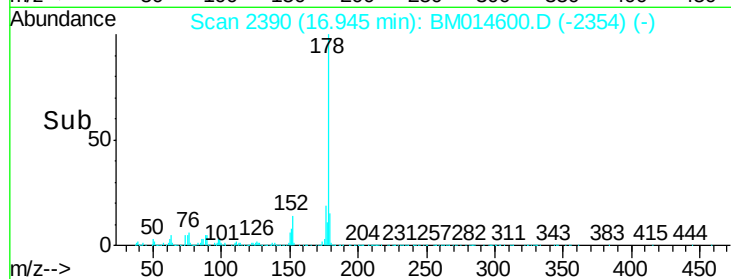
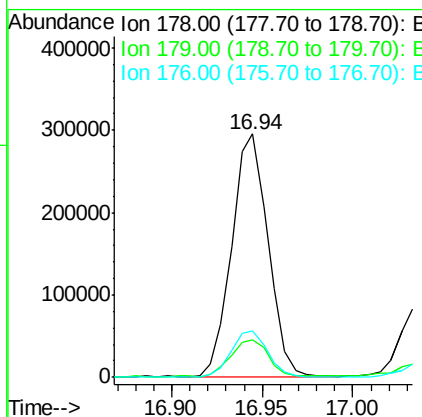
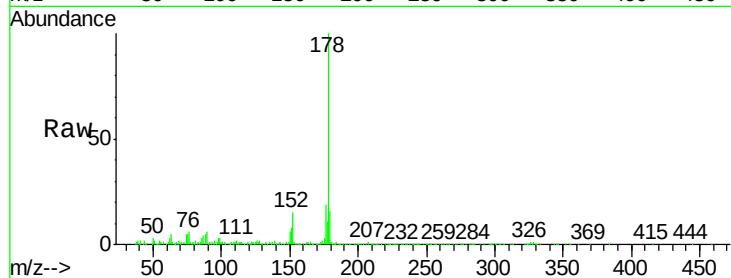
#14
Phenanthrene
Concen: 15.678 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Instrument :
BNA_M
ClientSampleId :
BEL44

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.3	14.9	22.3

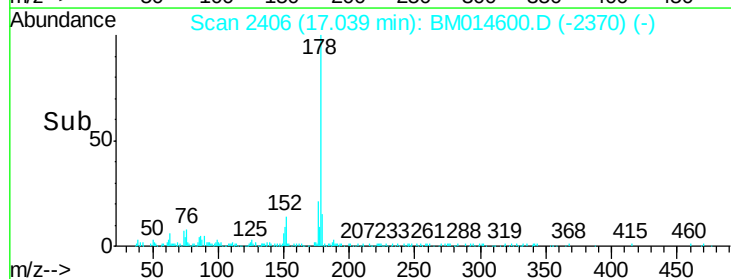
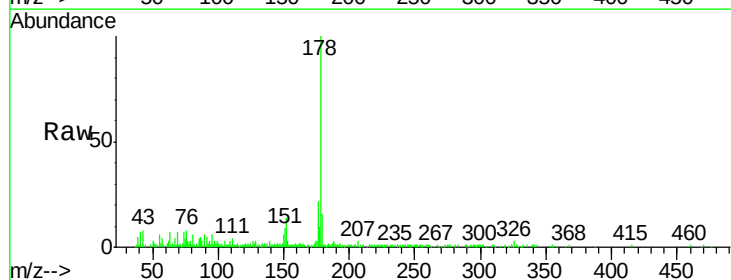
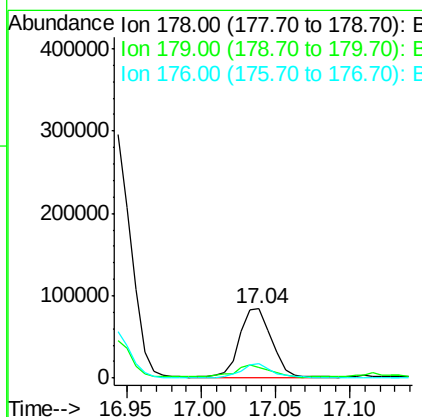
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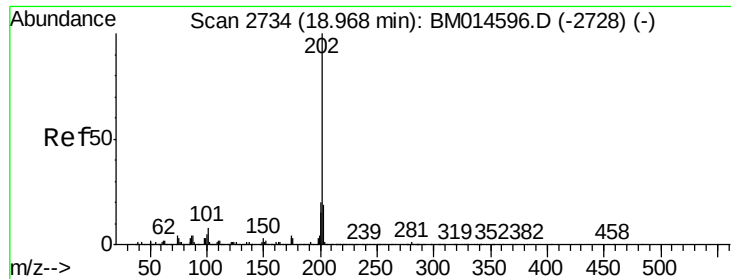
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#16
Anthracene
Concen: 4.758 ng/ul
RT: 17.04 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	21.5	14.6	21.8





#17

Fluoranthene

Concen: 27.704 ng/ul

RT: 18.98 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

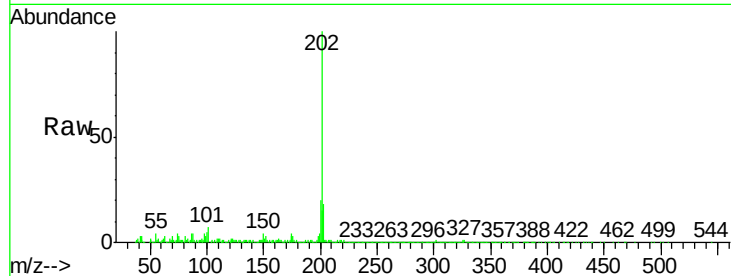
ClientSampled :

BEL44

Tot Ion	Ratio	Resp	Lower	Upper
202	100	823804		
101	7.0		4.6	7.0#
100	4.7		3.4	5.2

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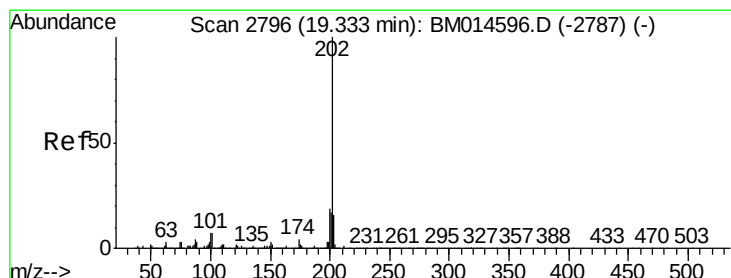
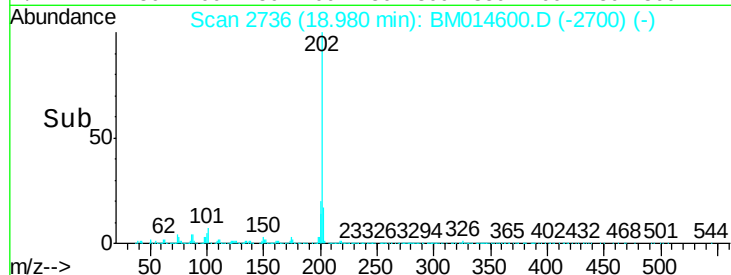
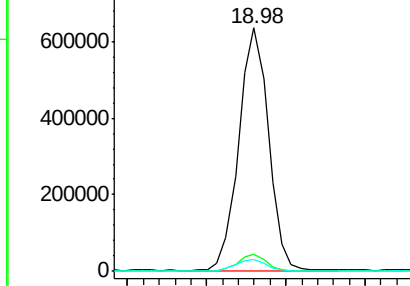
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 19.642 ng/ul

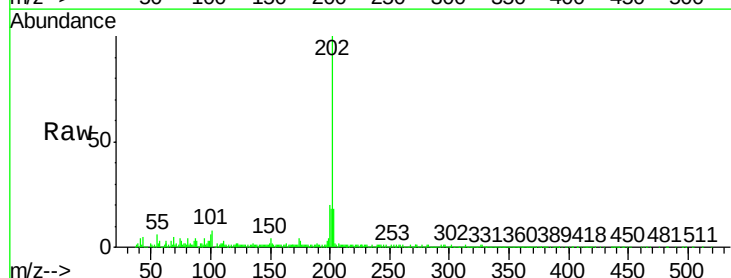
RT: 19.34 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

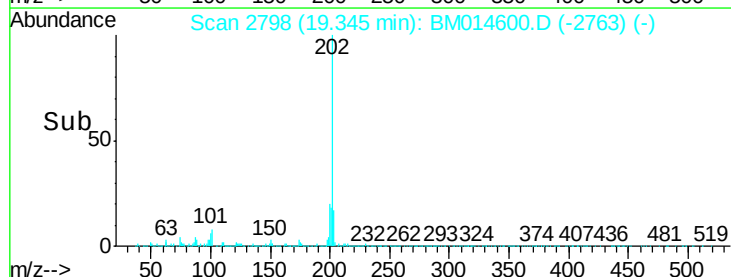
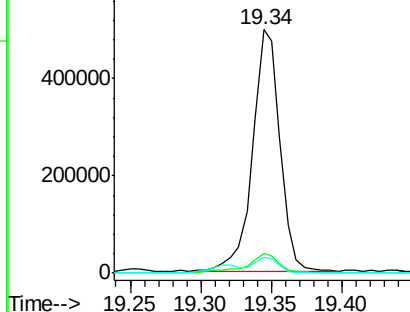
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	686280		
101	8.1		5.1	7.7#
100	6.4		4.9	7.3

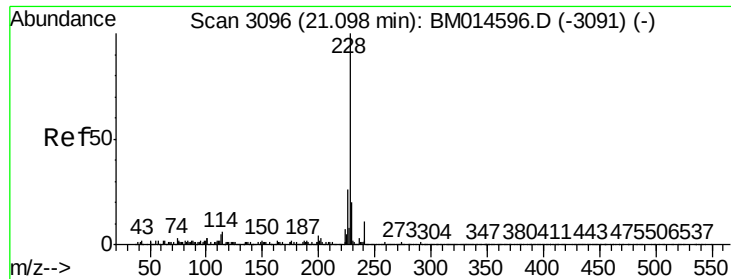


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 17.045 ng/ul

RT: 21.11 min Scan# 3099

Delta R.T. 0.02 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

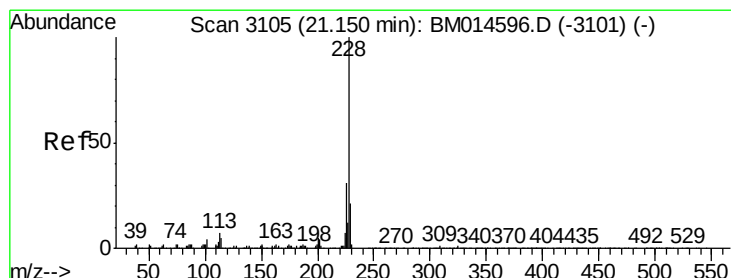
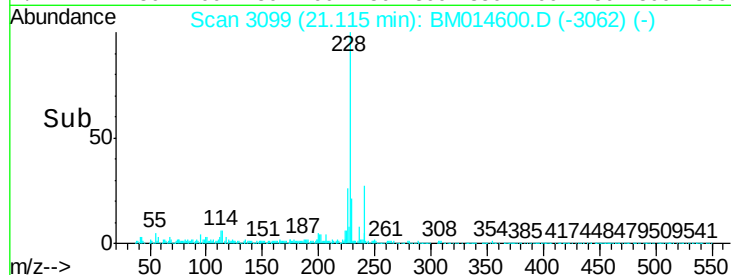
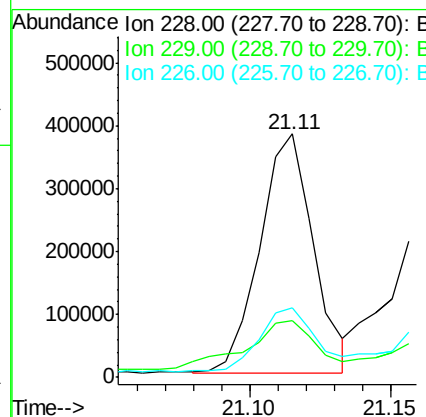
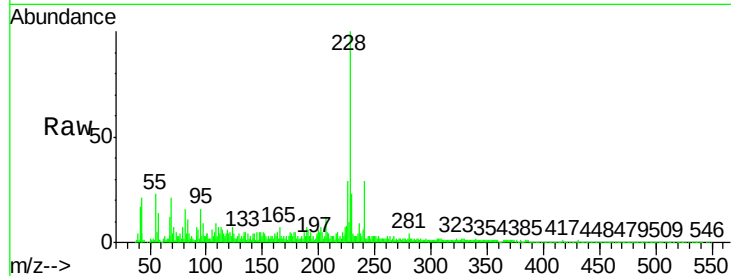
ClientSampleId :

BEL44

Tot Ion:	228	Resp:	500765
Ion Ratio		Lower	Upper
228	100		
229	23.5	15.4	23.0#
226	28.5	21.4	32.0

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#22

Chrysene

Concen: 17.919 ng/ul

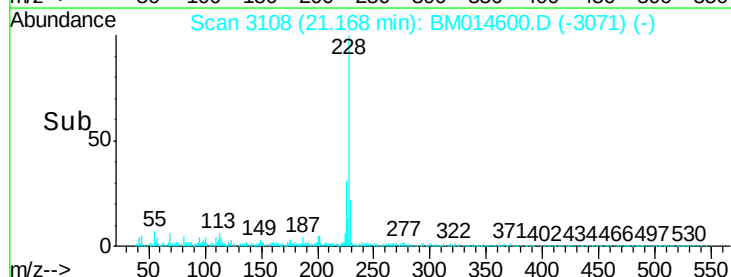
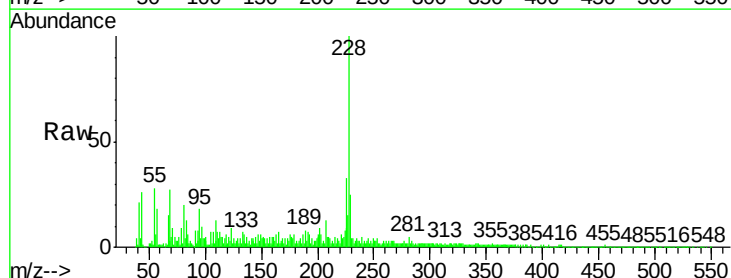
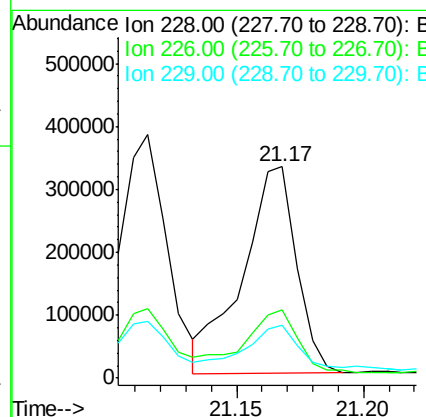
RT: 21.17 min Scan# 3108

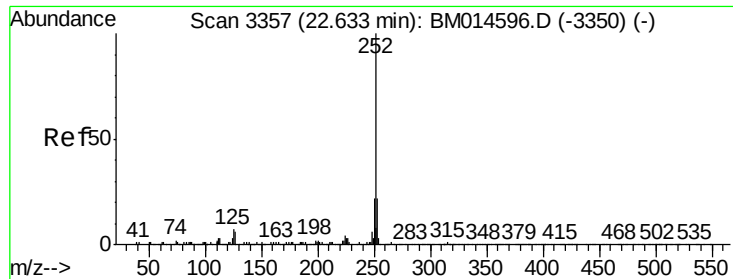
Delta R.T. 0.02 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Tgt Ion:	228	Resp:	484045
Ion Ratio		Lower	Upper
228	100		
226	32.6	23.4	35.2
229	25.0	15.5	23.3#





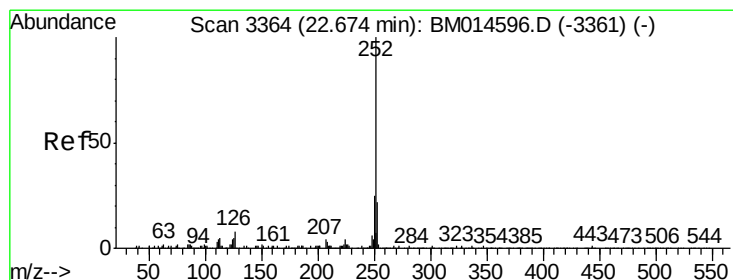
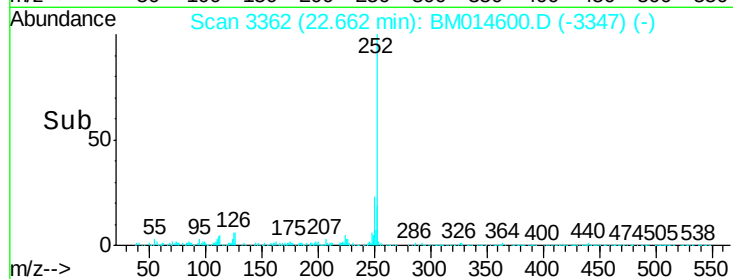
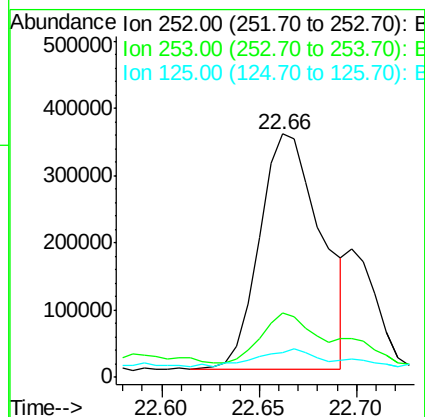
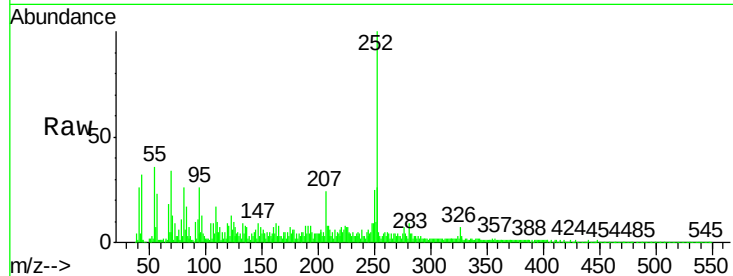
#24
Benzo(b)fluoranthene
Concen: 25.423 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. 0.03 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Instrument :
BNA_M
ClientSampled :
BEL44

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	10.3	3.6	5.4#

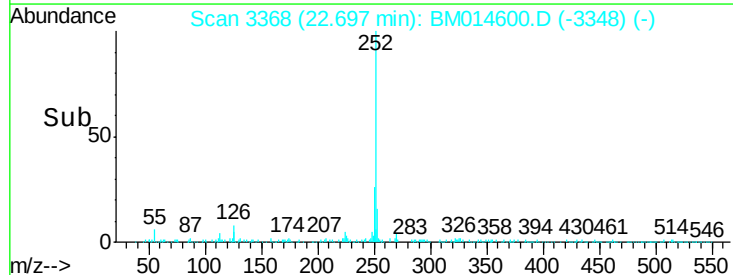
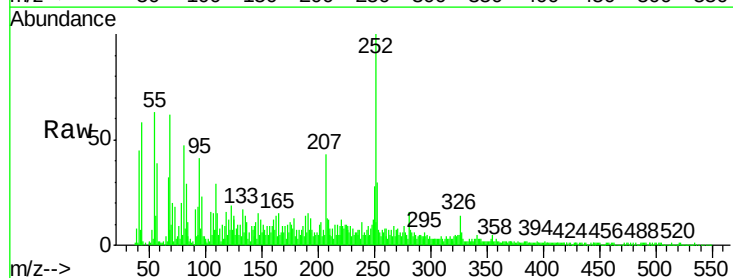
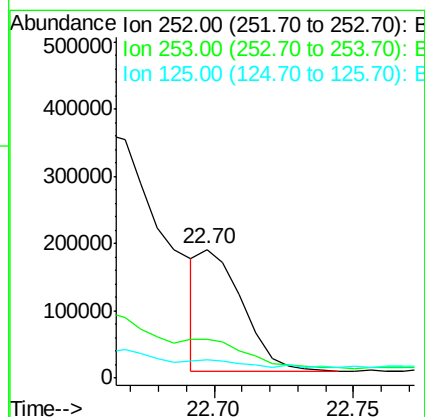
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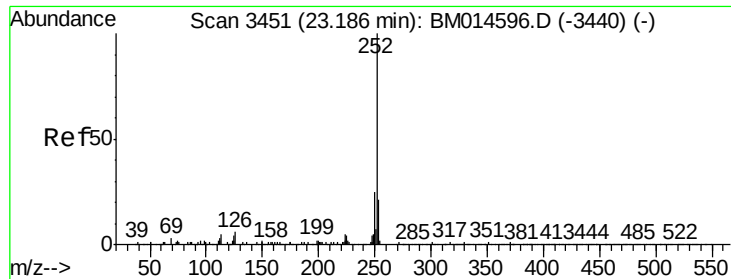
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#25
Benzo(k)fluoranthene
Concen: 6.766 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. 0.02 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.1	25.7#
125	14.0	3.4	5.2#





#27

Benzo(a)pyrene

Concen: 18.853 ng/ul

RT: 23.21 min Scan# 3456

Delta R.T. 0.03 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

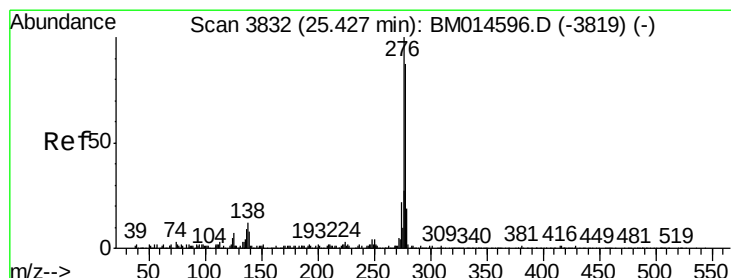
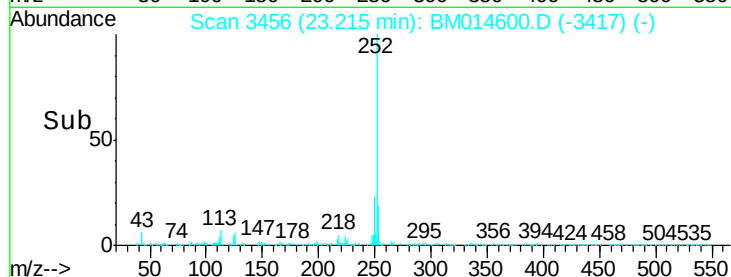
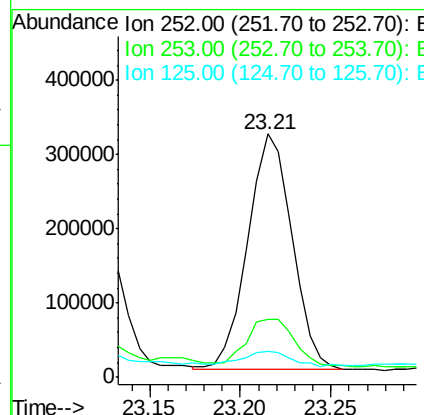
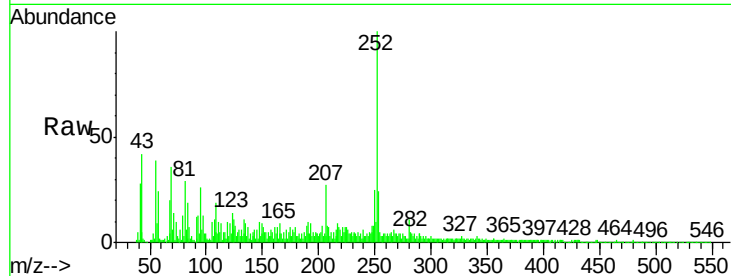
ClientSampled :

BEL44

Tot Ion:	252	Resp:	540286
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.7	4.0	6.0#

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#28

Indeno(1,2,3-cd)pyrene

Concen: 10.645 ng/ul

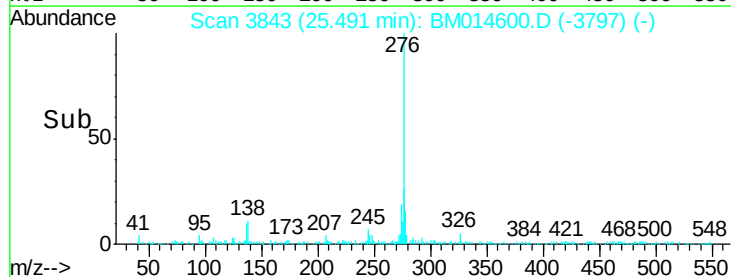
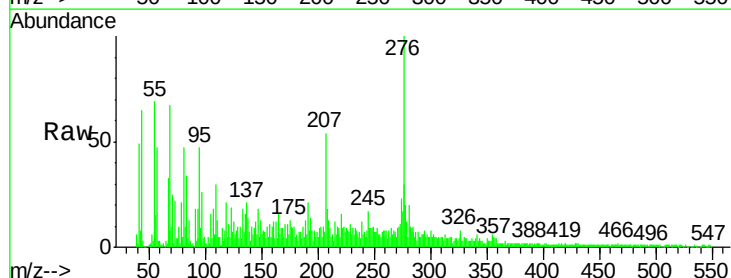
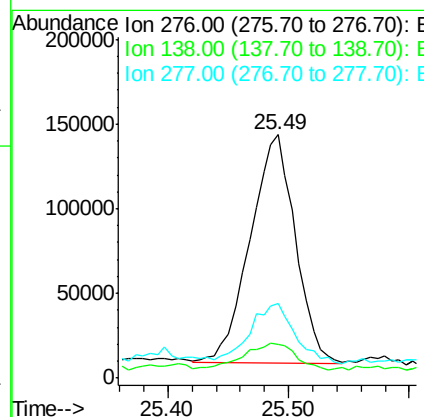
RT: 25.49 min Scan# 3843

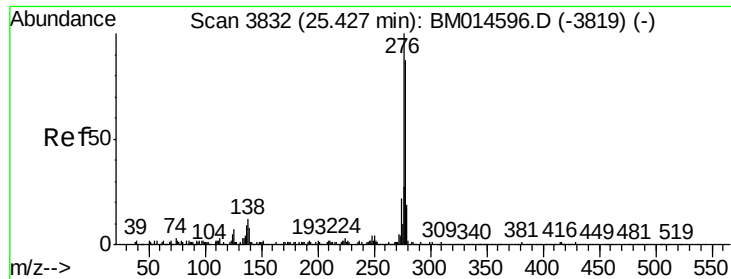
Delta R.T. 0.07 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Tgt Ion:	276	Resp:	351099
Ion Ratio		Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	30.4	19.9	29.9#





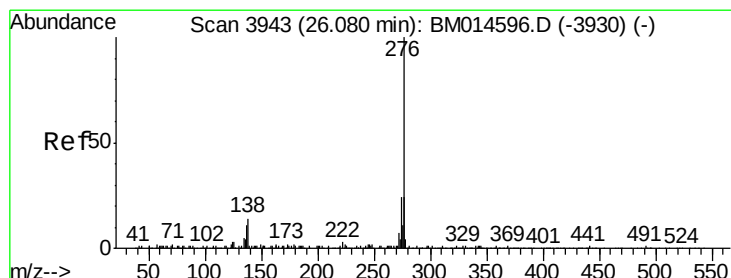
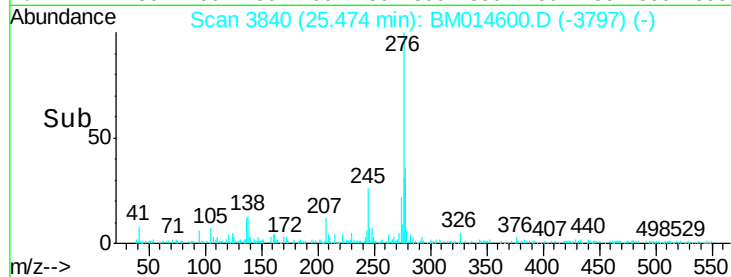
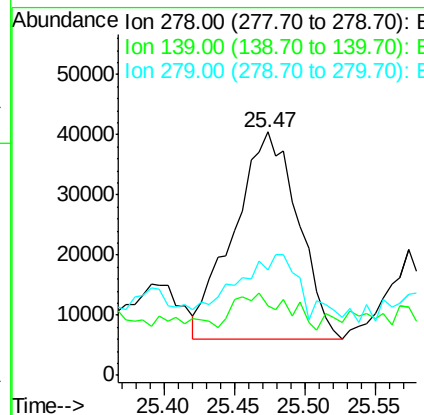
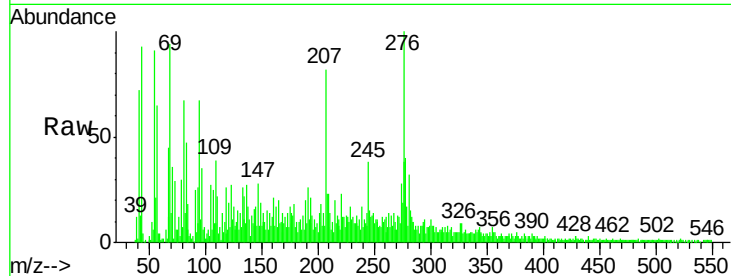
#29
Dibenzo(a,h)anthracene
Concen: 3.954 ng/ul
RT: 25.47 min Scan# 3840
Delta R.T. 0.05 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Instrument :
BNA_M
ClientSampled :
BEL44

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.4	5.8	8.8#
279	43.0	18.6	27.8#

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#30
Benzo(g,h,i)perylene
Concen: 12.344 ng/ul
RT: 26.16 min Scan# 3956
Delta R.T. 0.07 min
Lab File: BM014600.D
Acq: 16 Mar 2018 05:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	30.6	18.6	28.0#

