

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014769.D
 Acq On : 20 Apr 2018 18:42
 Operator : SJ/JU
 Sample : J2434-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4

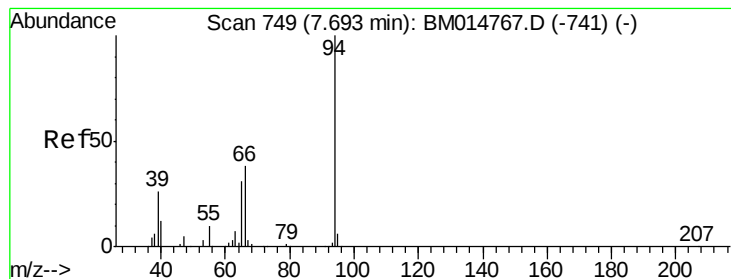
Manual Integrations
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 4/23/2018 3:40:35 PM

Quant Time: Apr 21 00:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	312821	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1273045	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	672415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1410494	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1379214	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1456588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.68	96	40543	5.66	ng/uL	0.00
5) Phenol-d5	7.66	99	716608	29.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	515862	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	638253	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	537112	27.85	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	307889	33.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	316863	34.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	584461	31.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	719554	39.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1732156	33.00	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	2247170	34.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	200790	20.61	ng/ul	0.00
57) Fluorene-d10	16.12	176	1479121	32.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	86997	11.40	ng/ul	0.00
70) Anthracene-d10	17.95	188	2169685	33.01	ng/ul	0.00
76) Pyrene-d10	20.19	212	2268321	34.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	2285721	31.94	ng/ul	0.01
Target Compounds						
6) Phenol	7.69	94	78427	3.296	ng/ul#	82
44) Dimethylphthalate	14.58	163	306499	6.040	ng/ul	98
49) Acenaphthene	15.20	153	77665	1.740	ng/ul	98
69) Phenanthrene	17.90	178	850866	11.233	ng/ul	98
71) Anthracene	17.99	178	169842	2.209	ng/ul	98
72) Carbazole	18.24	167	223963	3.415	ng/ul	99
74) Fluoranthene	19.86	202	4896040	59.283	ng/ul#	82
77) Pyrene	20.22	202	5456031	67.706	ng/ul#	82
80) Benzo(a)anthracene	21.93	228	4751943	58.918	ng/ul	97
82) Chrysene	21.99	228	5326626	70.548	ng/ul	96
85) Benzo(b)fluoranthene	23.69	252	10170446	118.447	ng/ul#	94
86) Benzo(k)fluoranthene	23.73	252	2861198m	34.653	ng/ul	
88) Benzo(a)pyrene	24.34	252	8006316	98.297	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.05	276	6086662	61.772	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.04	278	1573406	18.965	ng/ul#	92
91) Benzo(g,h,i)perylene	27.86	276	6306795	77.802	ng/ul#	89

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



#6

Phenol

Concen: 3.296 ng/ul

RT: 7.69 min Scan# 749

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

C0AD4

Tot Ion: 94 Resp: 78427

Ion Ratio Lower Upper

94 100

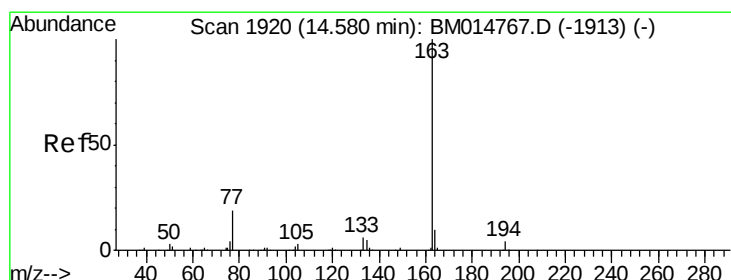
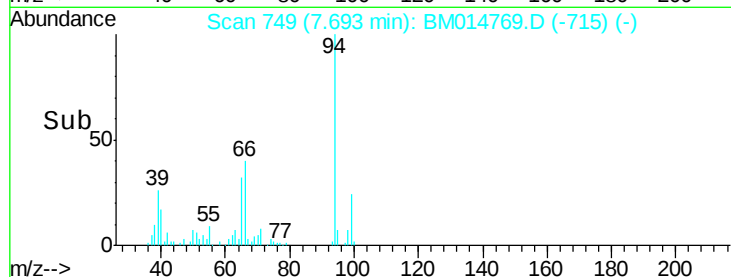
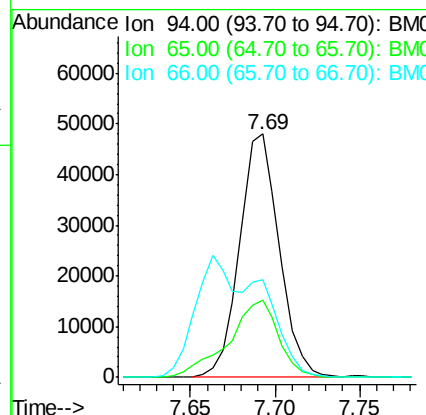
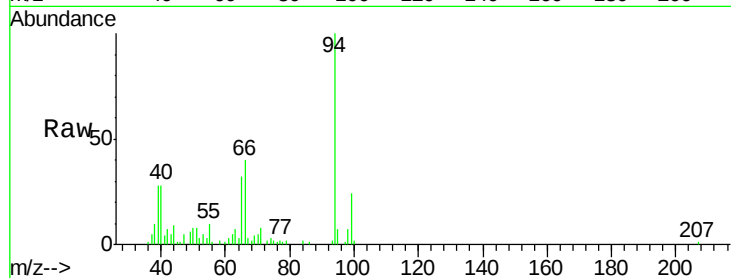
65 31.8 28.2 42.4

66 40.2 47.2 70.8#

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#44

Dimethylphthalate

Concen: 6.040 ng/ul

RT: 14.58 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

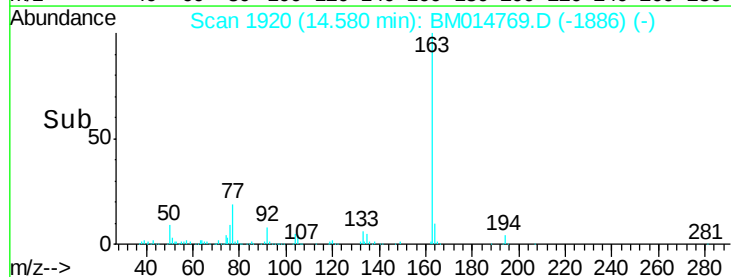
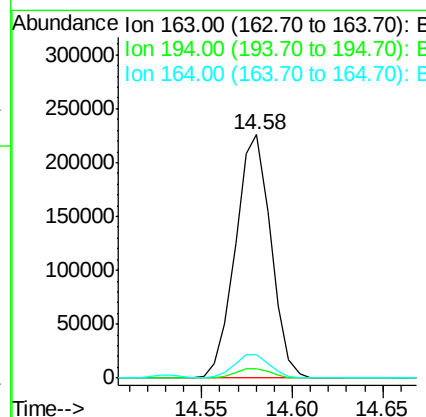
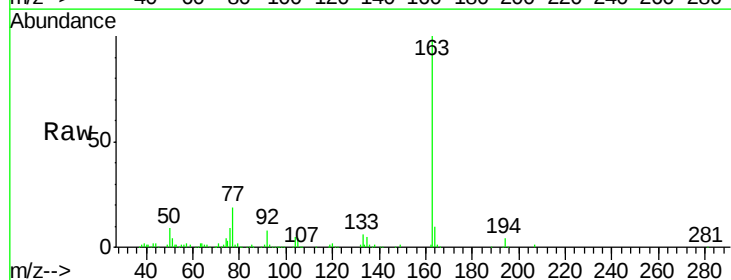
Tgt Ion:163 Resp: 306499

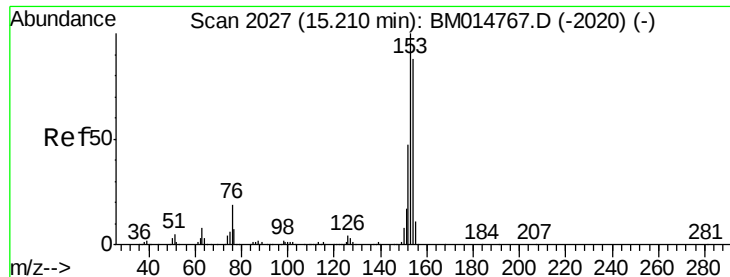
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 9.7 8.2 12.4





#49

Acenaphthene

Concen: 1.740 ng/ul

RT: 15.20 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

Instrument :

BNA_M

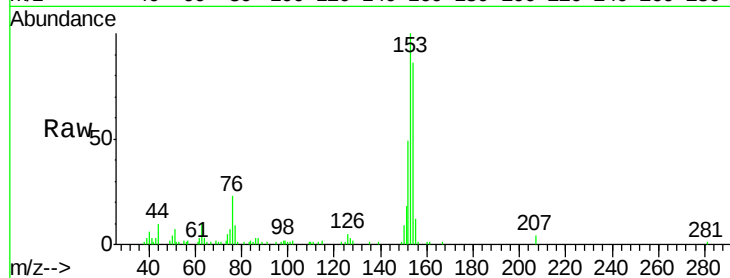
ClientSampleId :

C0AD4

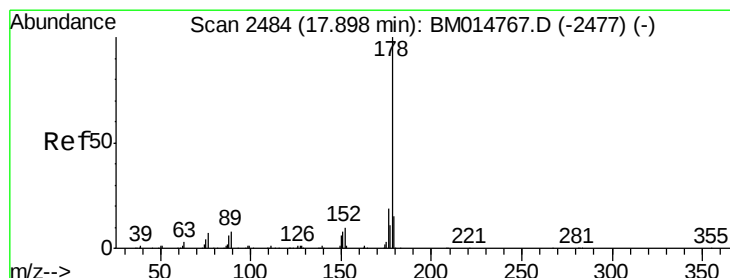
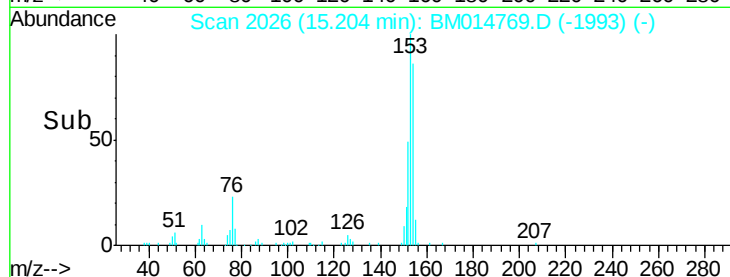
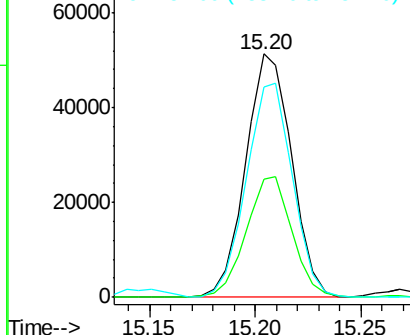
Tot Ion:	153	Resp:	77665
Ion Ratio	Lower	Upper	
153	100		
152	48.6	37.6	56.4
154	86.5	70.4	105.6

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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



#69

Phenanthrene

Concen: 11.233 ng/ul

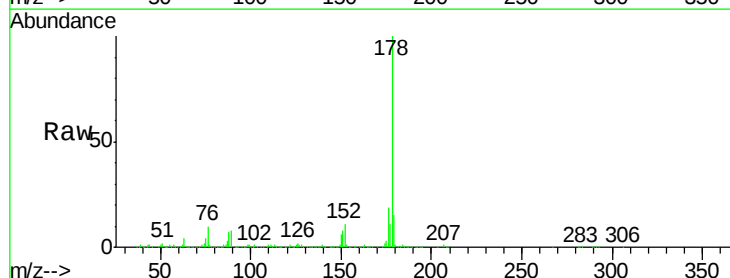
RT: 17.90 min Scan# 2484

Delta R.T. -0.00 min

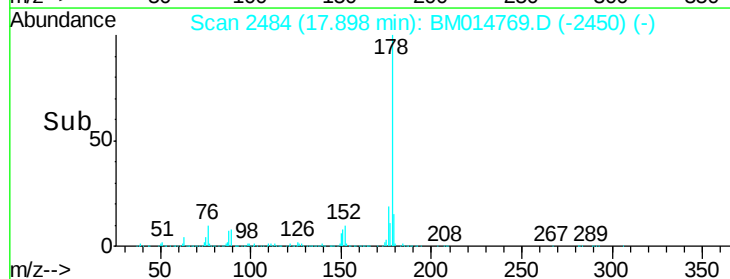
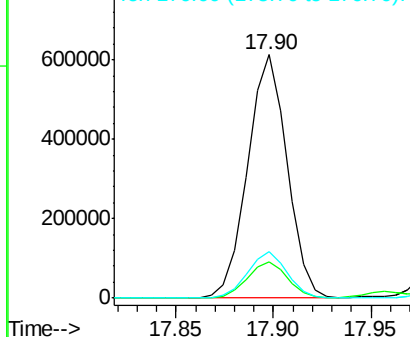
Lab File: BM014769.D

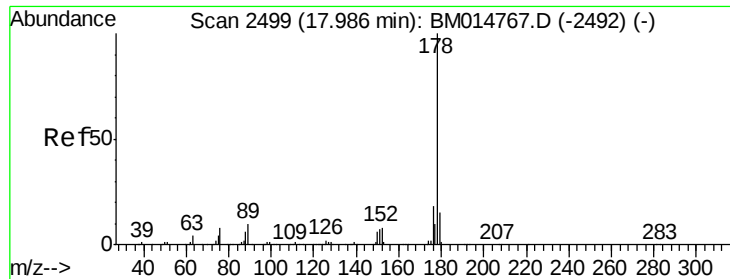
Acq: 20 Apr 2018 18:42

Tgt Ion:	178	Resp:	850866
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	19.3	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





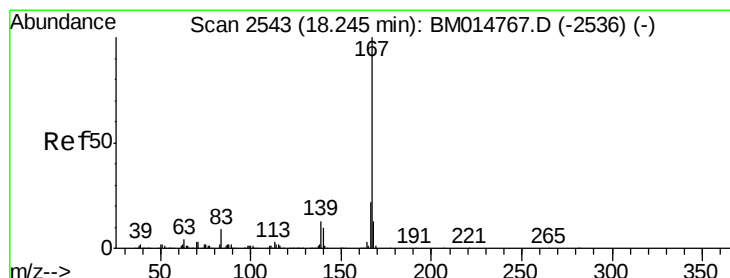
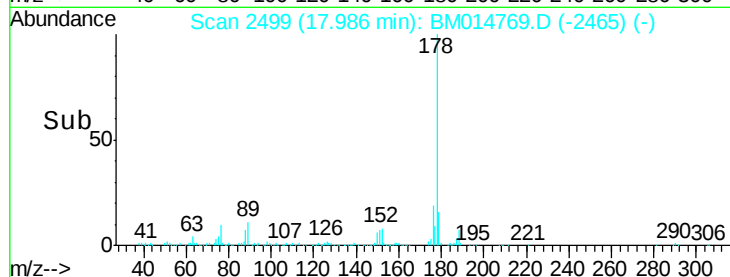
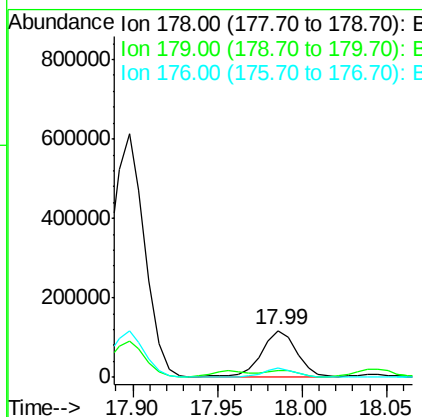
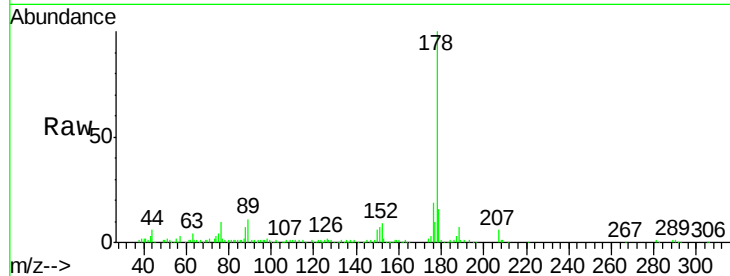
#71
 Anthracene
 Concen: 2.209 ng/ul
 RT: 17.99 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BM014769.D
 Acq: 20 Apr 2018 18:42

Instrument :
 BNA_M
 ClientSampled :
 C0AD4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	19.2	14.6	21.8

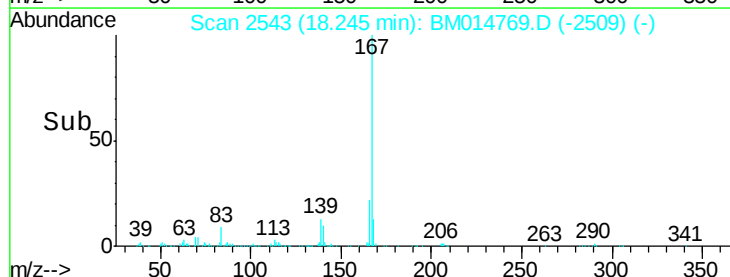
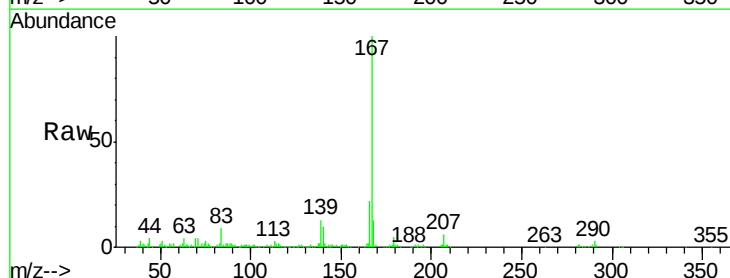
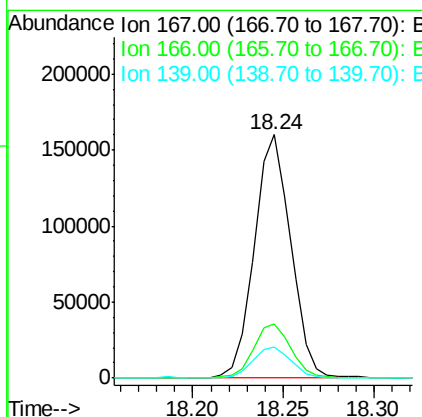
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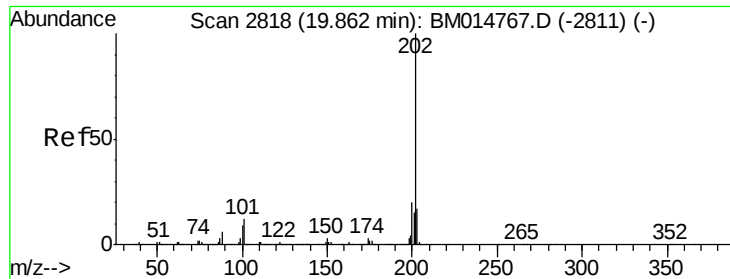
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#72
 Carbazole
 Concen: 3.415 ng/ul
 RT: 18.24 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM014769.D
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Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	12.9	10.0	15.0





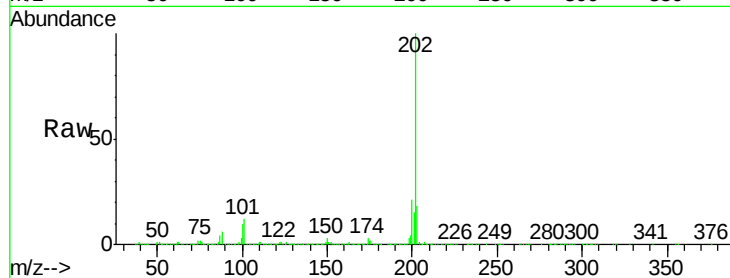
#74
Fluoranthene
Concen: 59.283 ng/ul
RT: 19.86 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM014769.D
Acq: 20 Apr 2018 18:42

Instrument :
BNA_M
ClientSampleId :
C0AD4

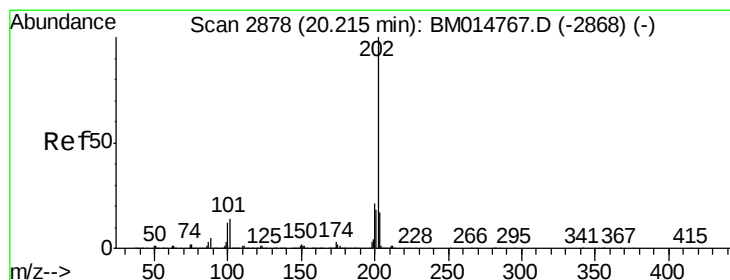
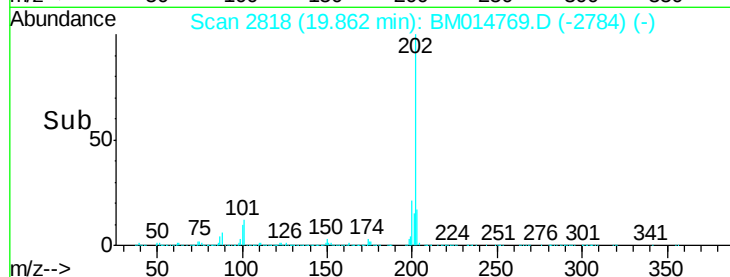
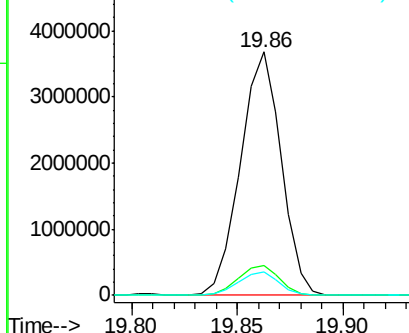
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	4.6	7.0#
100	9.5	3.4	5.2#

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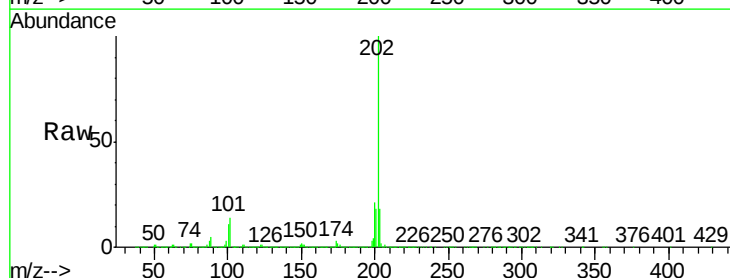


Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

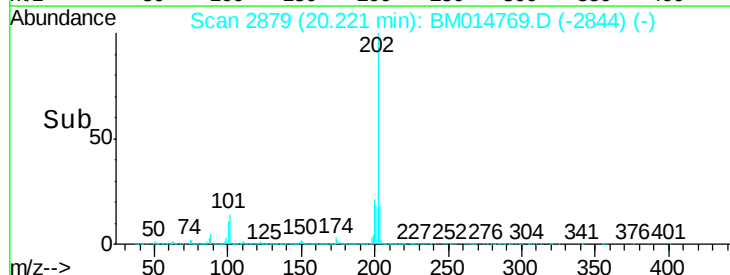
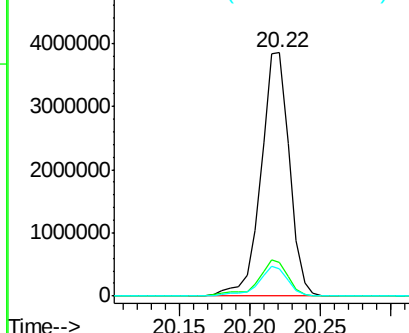


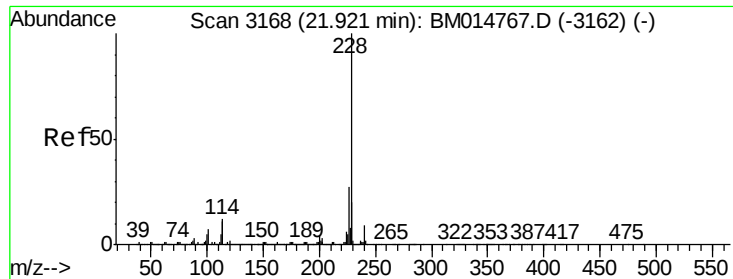
#77
Pyrene
Concen: 67.706 ng/ul
RT: 20.22 min Scan# 2879
Delta R.T. 0.01 min
Lab File: BM014769.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	5.1	7.7#
100	11.2	4.9	7.3#



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





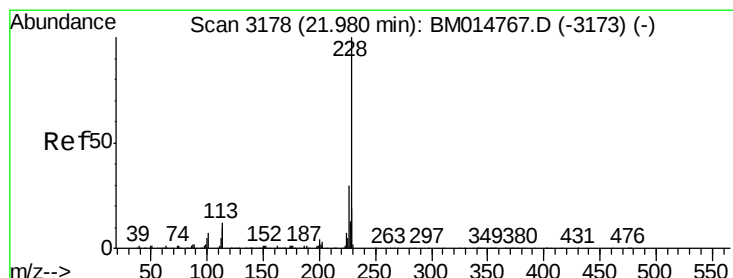
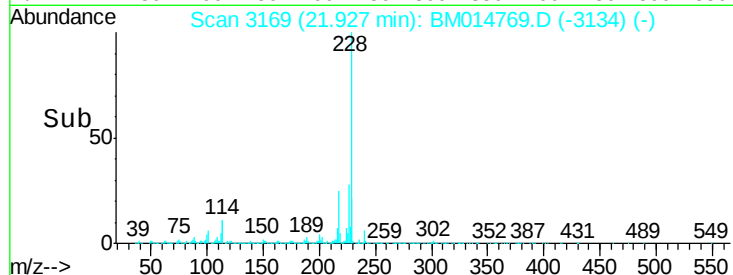
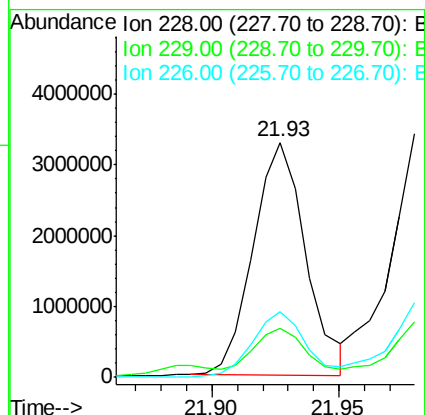
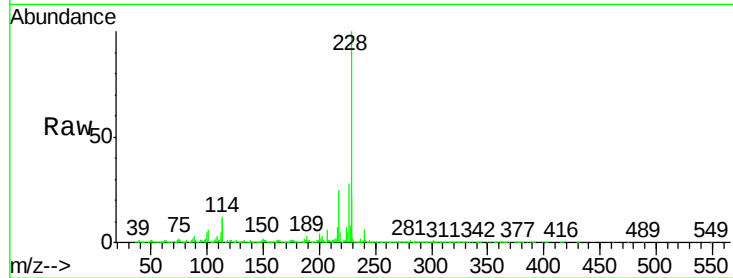
#80
Benzo(a)anthracene
Concen: 58.918 ng/ul
RT: 21.93 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BM014769.D
Acq: 20 Apr 2018 18:42

Instrument :
BNA_M
ClientSampled :
C0AD4

Tot Ion:228 Resp: 4751943
Ion Ratio Lower Upper
228 100
229 21.0 15.4 23.0
226 27.7 21.4 32.0

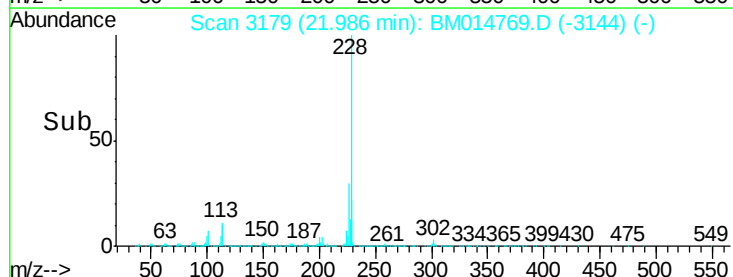
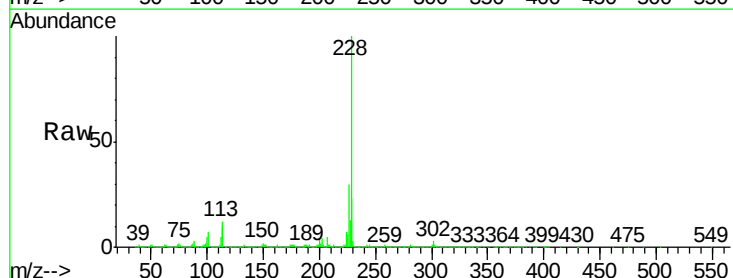
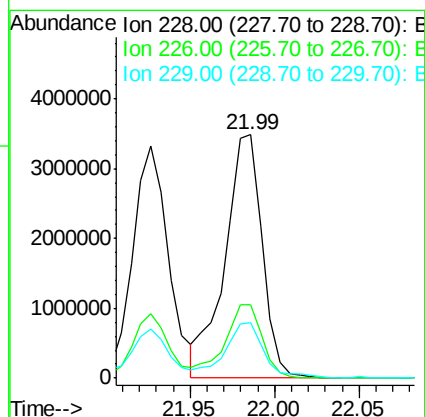
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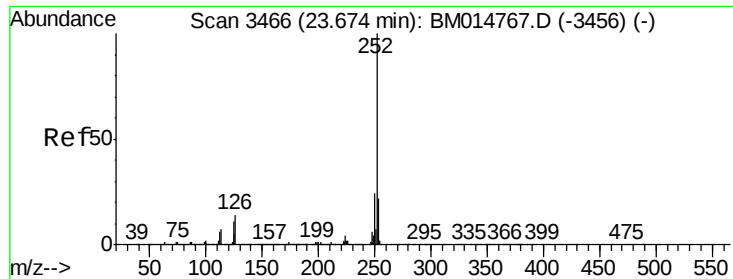
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#82
Chrysene
Concen: 70.548 ng/ul
RT: 21.99 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM014769.D
Acq: 20 Apr 2018 18:42

Tgt Ion:228 Resp: 5326626
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 22.5 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 118.447 ng/ul

RT: 23.69 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

Instrument :

BNA_M

ClientSampled :

C0AD4

Tot Ion:252 Resp:10170446

Ion Ratio Lower Upper

252 100

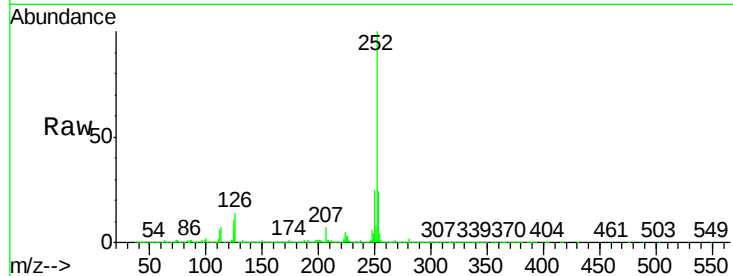
253 23.7 17.9 26.9

125 11.5 3.6 5.4#

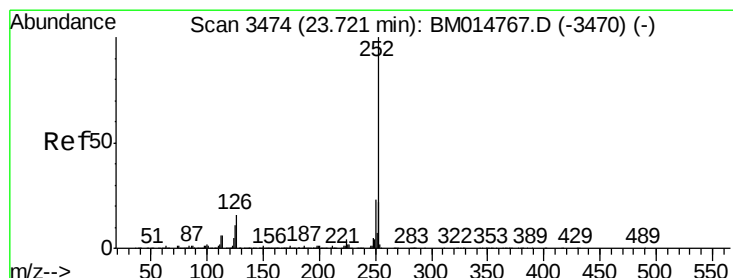
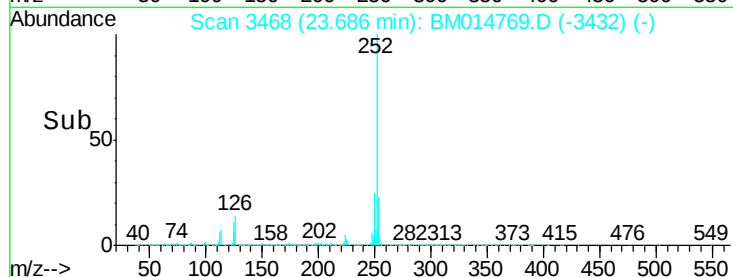
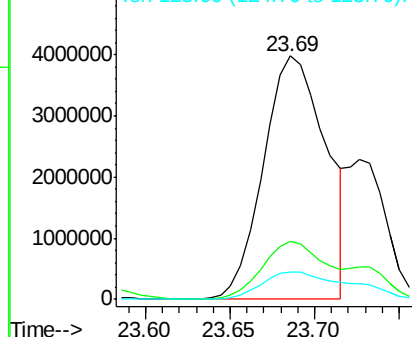
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 34.653 ng/ul m

RT: 23.73 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

Tgt Ion:252 Resp: 2861198

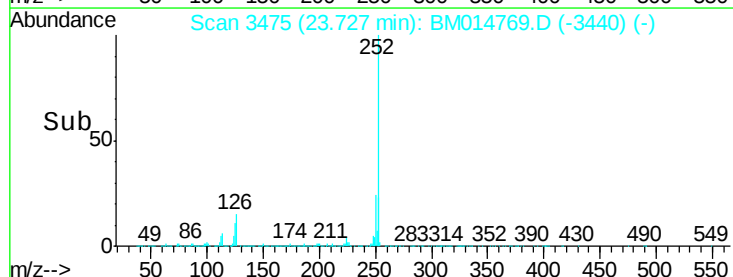
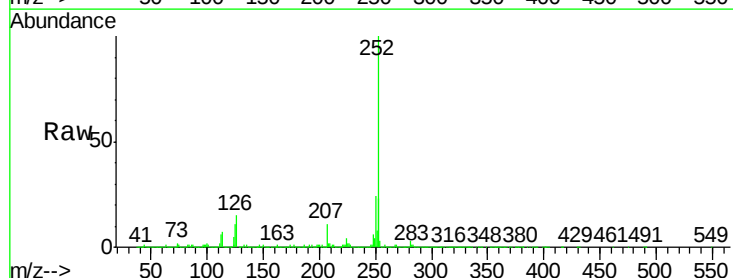
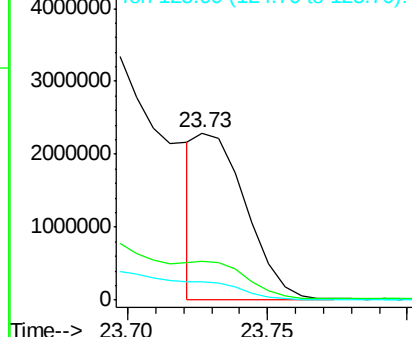
Ion Ratio Lower Upper

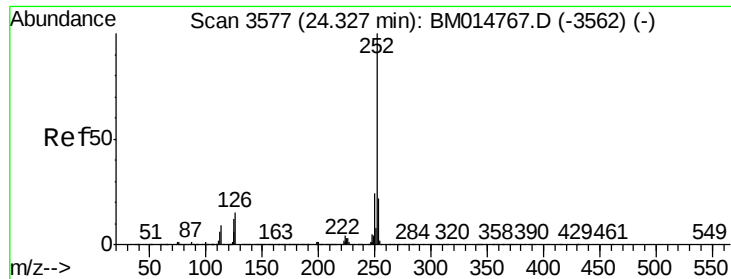
252 100

253 23.1 17.1 25.7

125 11.2 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: 98.297 ng/ul

RT: 24.34 min Scan# 3580

Delta R.T. 0.02 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

Instrument :

BNA_M

ClientSampleId :

C0AD4

Tot Ion:252 Resp: 8006316

Ion Ratio Lower Upper

252 100

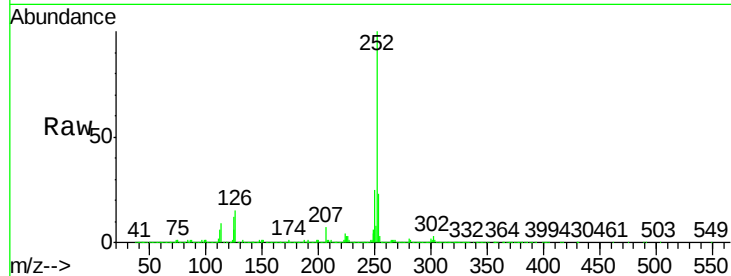
253 23.3 18.2 27.2

125 11.7 4.0 6.0#

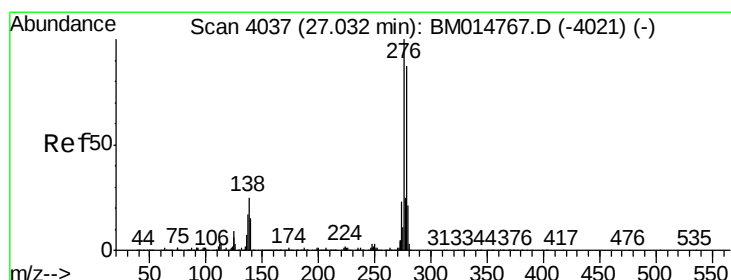
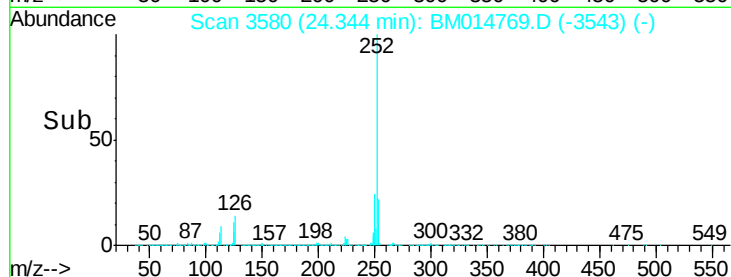
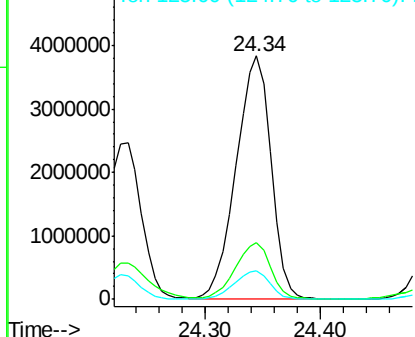
Manual Integrations
APPROVED

Sohil

4/23/2018 3:40:35 PM



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 61.772 ng/ul

RT: 27.05 min Scan# 4040

Delta R.T. 0.02 min

Lab File: BM014769.D

Acq: 20 Apr 2018 18:42

Tgt Ion:276 Resp: 6086662

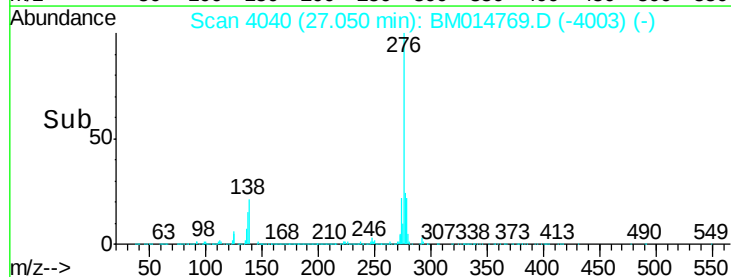
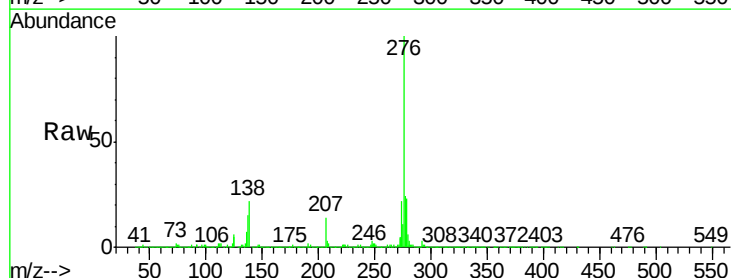
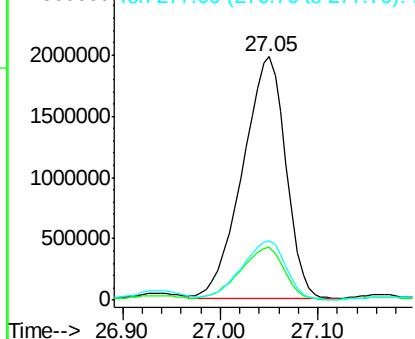
Ion Ratio Lower Upper

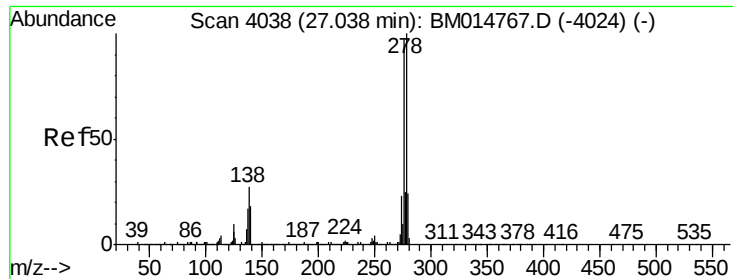
276 100

138 21.5 9.3 13.9#

277 24.4 19.9 29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





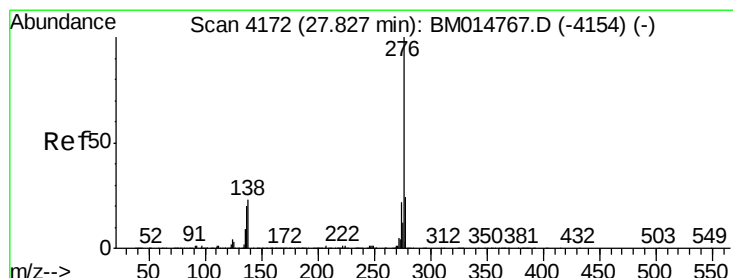
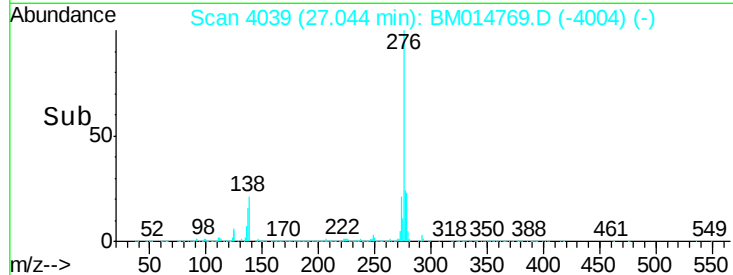
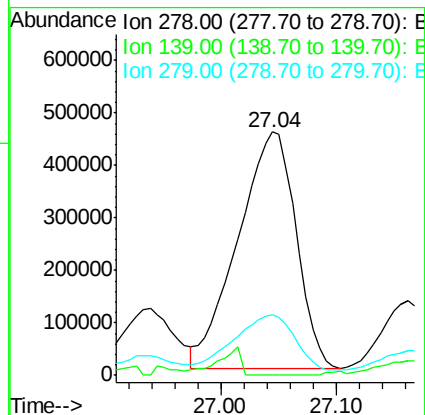
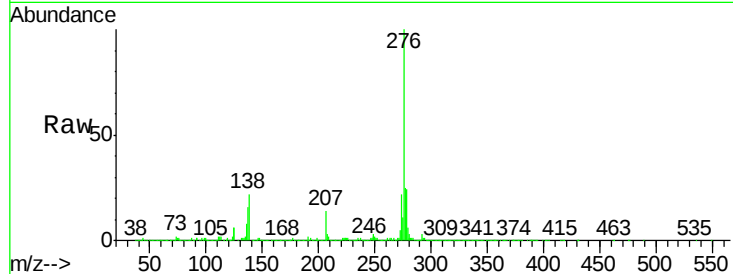
#90
 Dibenzo(a,h)anthracene
 Concen: 18.965 ng/ul
 RT: 27.04 min Scan# 4039
 Delta R.T. 0.01 min
 Lab File: BM014769.D
 Acq: 20 Apr 2018 18:42

Instrument :
 BNA_M
 ClientSampled :
 C0AD4

Tot Ion:278 Resp: 1573406
 Ion Ratio Lower Upper
 278 100
 139 0.0 5.8 8.8#
 279 24.9 18.6 27.8

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:35 PM



#91
 Benzo(g,h,i)perylene
 Concen: 77.802 ng/ul
 RT: 27.86 min Scan# 4177
 Delta R.T. 0.03 min
 Lab File: BM014769.D
 Acq: 20 Apr 2018 18:42

Tgt Ion:276 Resp: 6306795
 Ion Ratio Lower Upper
 276 100
 138 22.2 8.5 12.7#
 277 24.6 18.6 28.0

