

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014760.D
 Acq On : 20 Apr 2018 12:41
 Operator : SJ/JU
 Sample : J2434-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:21 PM

Quant Time: Apr 20 17:31:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 17:02:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	319944	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1318520	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	697391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1473919	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1467352	20.00	ng/ul	0.00
83) Perylene-d12	24.43	264	1525950	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	37119	5.07	ng/uL	0.00
5) Phenol-d5	7.66	99	668949	27.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	451202	28.45	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	567342	27.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	485064	24.59	ng/ul	0.00
19) Nitrobenzene-d5	9.72	128	263486	27.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	269247	28.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	536431	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	648134	34.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1677237	30.81	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	2122175	31.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	215365	21.32	ng/ul	0.00
57) Fluorene-d10	16.12	176	1469835	31.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	147192	18.46	ng/ul	0.00
70) Anthracene-d10	17.95	188	2205549	32.11	ng/ul	0.00
76) Pyrene-d10	20.19	212	2346968	33.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	2339601	31.21	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.69	94	108453	4.457	ng/ul#	80
44) Dimethylphthalate	14.58	163	229745	4.366	ng/ul#	97
69) Phenanthrene	17.90	178	709074	8.958	ng/ul	99
71) Anthracene	17.99	178	194975	2.427	ng/ul	99
74) Fluoranthene	19.86	202	1192188	13.814	ng/ul#	82
77) Pyrene	20.22	202	939002	10.952	ng/ul#	81
80) Benzo(a)anthracene	21.92	228	532912	6.211	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	75686	1.474	ng/ul#	96
82) Chrysene	21.97	228	444517	5.534	ng/ul	96
85) Benzo(b)fluoranthene	23.67	252	588174	6.539	ng/ul#	95
86) Benzo(k)fluoranthene	23.72	252	221445m	2.560	ng/ul	
88) Benzo(a)pyrene	24.33	252	432090	5.064	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	27.02	276	294575	2.854	ng/ul#	90
91) Benzo(g,h,i)perylene	27.82	276	282324	3.324	ng/ul#	90

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

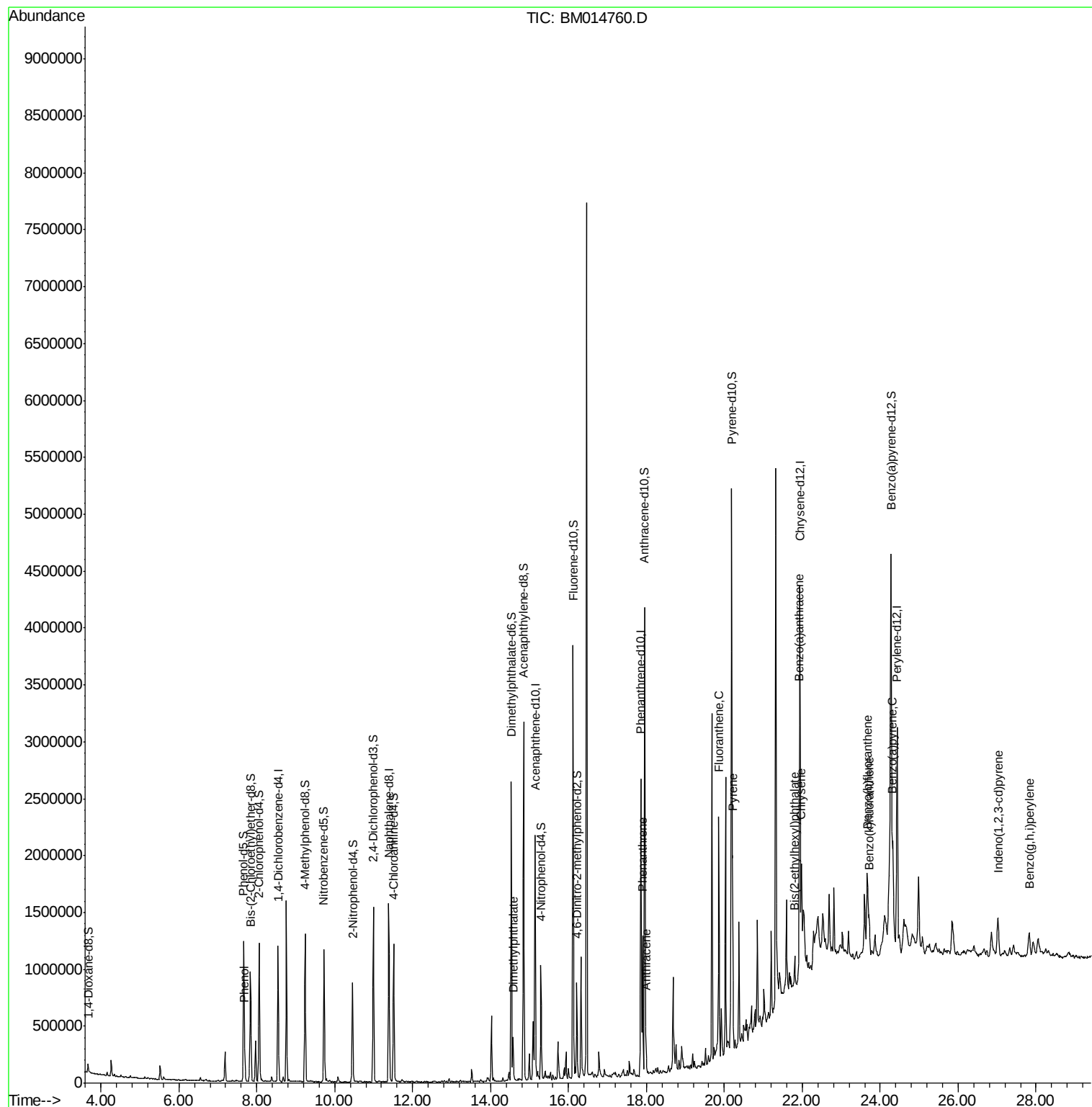
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

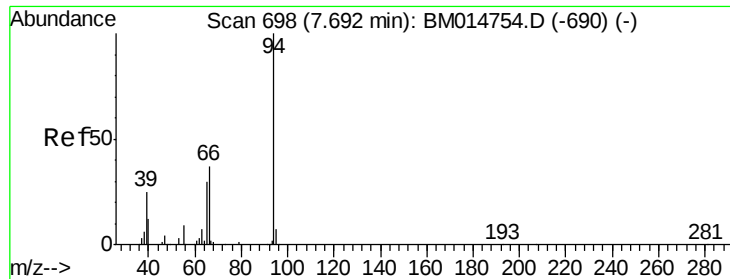
Instrument :
BNA_M
ClientSampleId :
C0AB6

Manual Integrations
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Quant Time: Apr 20 17:31:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 17:02:43 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.457 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014760.D

Acq: 20 Apr 2018 12:41

Instrument :

BNA_M

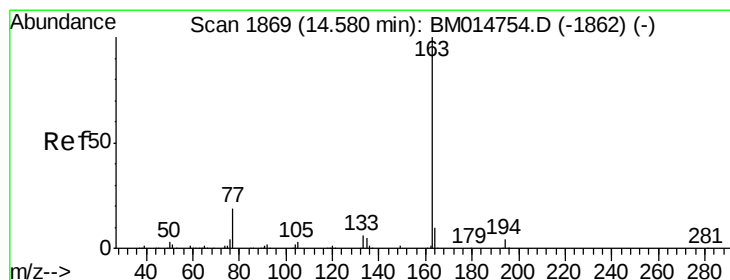
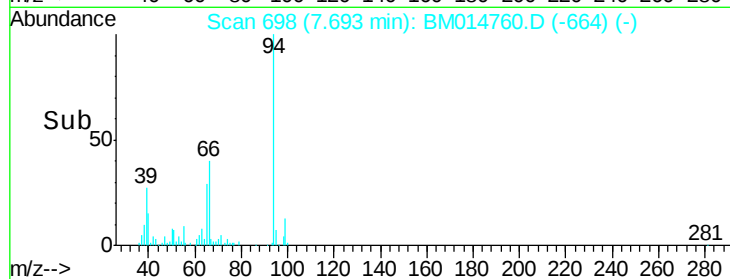
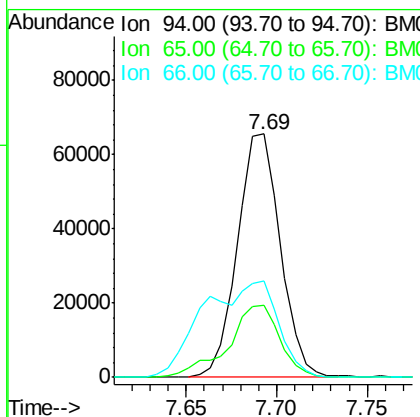
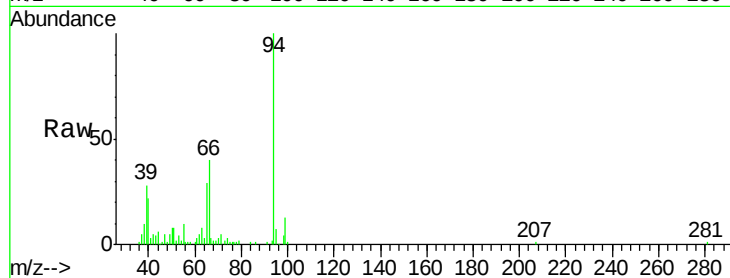
ClientSampled :

C0AB6

Tot Ion:	94	Resp:	108453
Ion Ratio	Lower	Upper	
94	100		
65	29.4	28.2	42.4
66	39.8	47.2	70.8#

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#44

Dimethylphthalate

Concen: 4.366 ng/ul

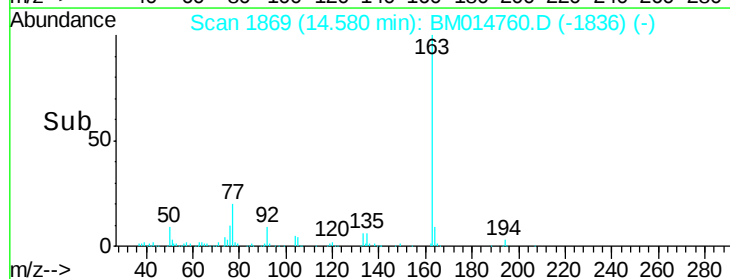
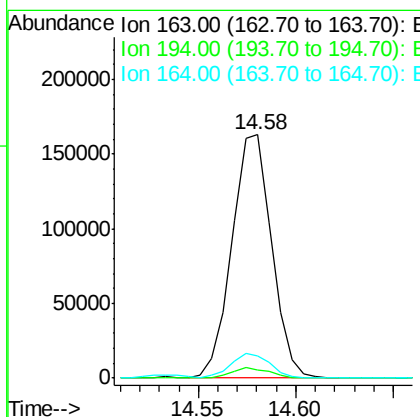
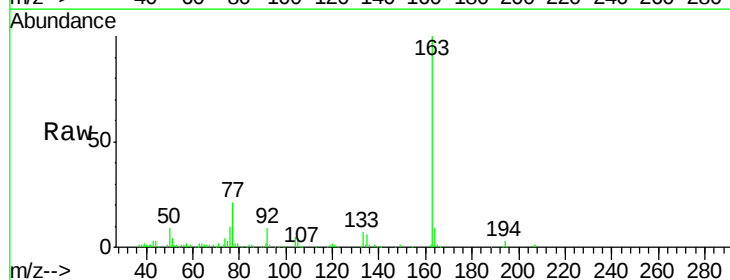
RT: 14.58 min Scan# 1869

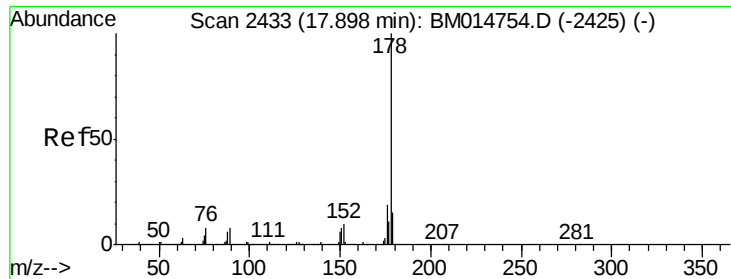
Delta R.T. -0.01 min

Lab File: BM014760.D

Acq: 20 Apr 2018 12:41

Tgt Ion:	163	Resp:	229745
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.5	5.3#
164	9.2	8.2	12.4





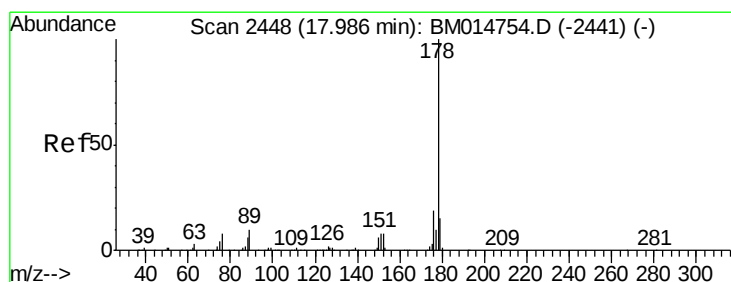
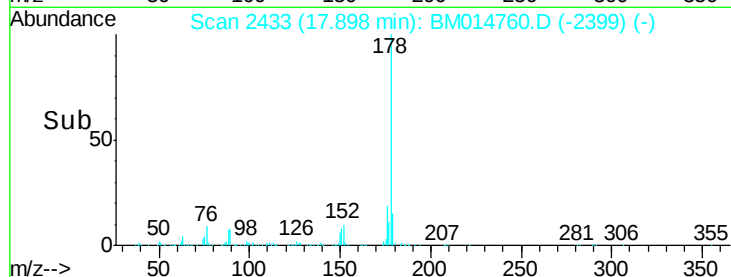
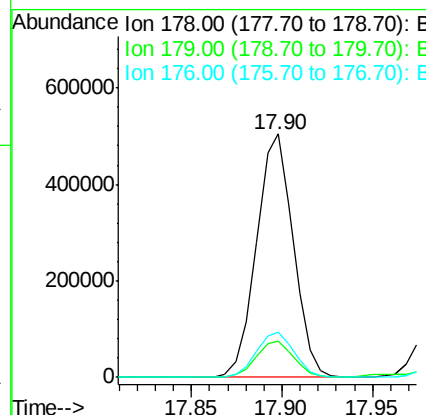
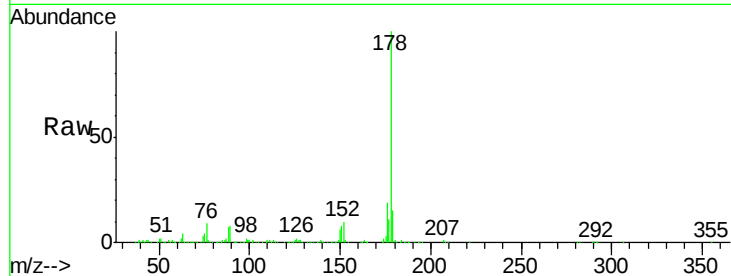
#69
Phenanthrene
Concen: 8.958 ng/ul
RT: 17.90 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.7	14.9	22.3

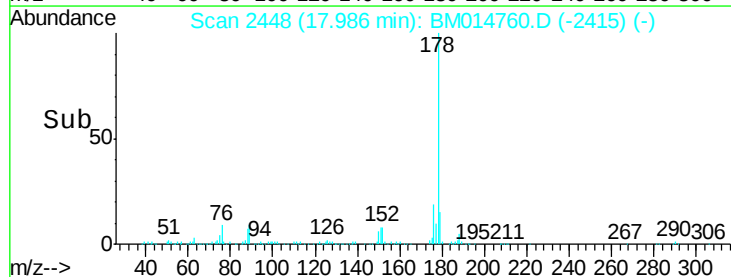
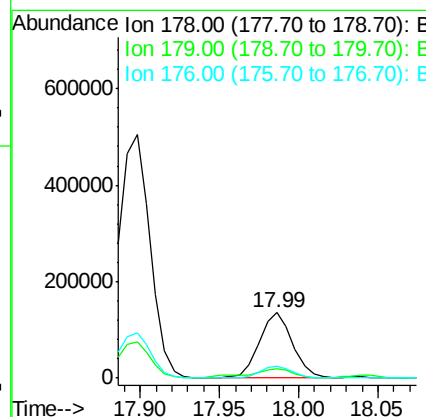
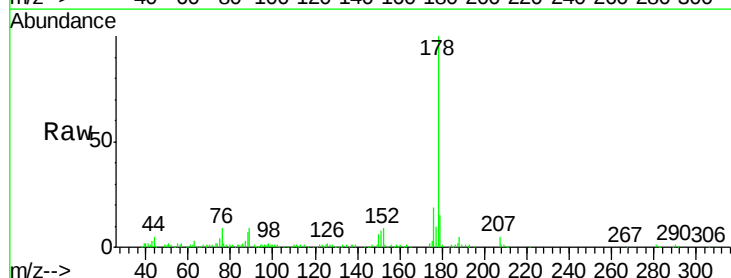
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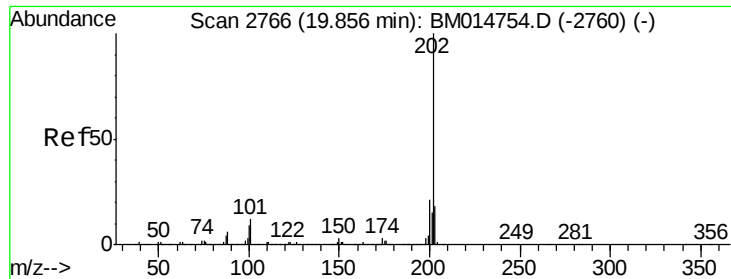
Sohil
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#71
Anthracene
Concen: 2.427 ng/ul
RT: 17.99 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	18.8	14.6	21.8





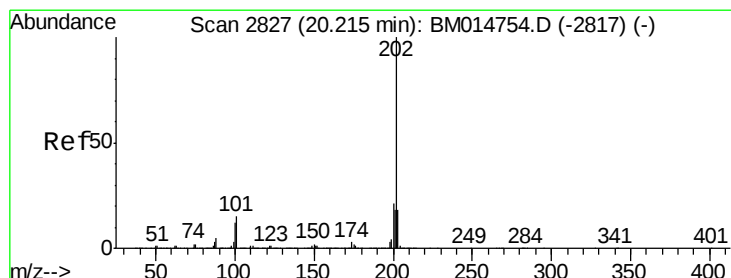
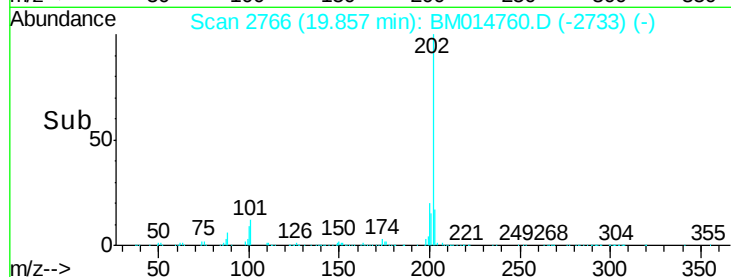
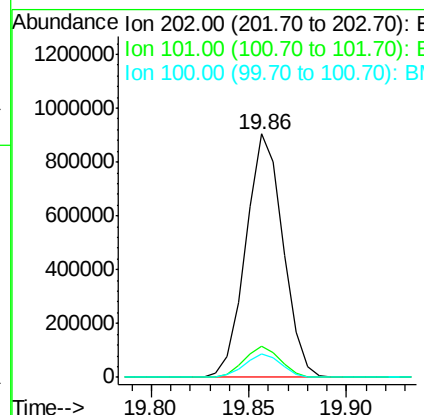
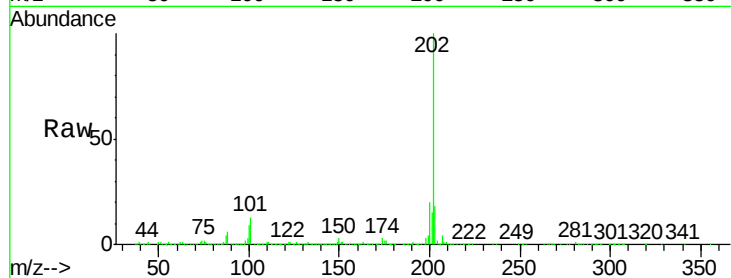
#74
 Fluoranthene
 Concen: 13.814 ng/ul
 RT: 19.86 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BM014760.D
 Acq: 20 Apr 2018 12:41

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	4.6	7.0#
100	9.4	3.4	5.2#

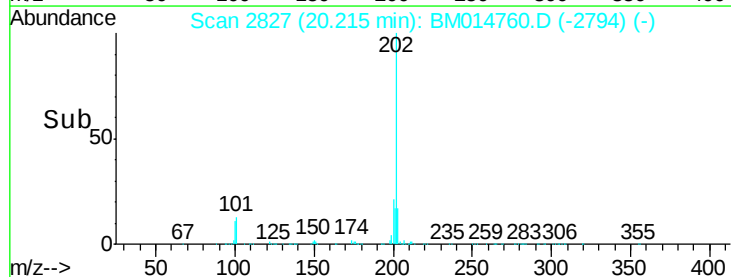
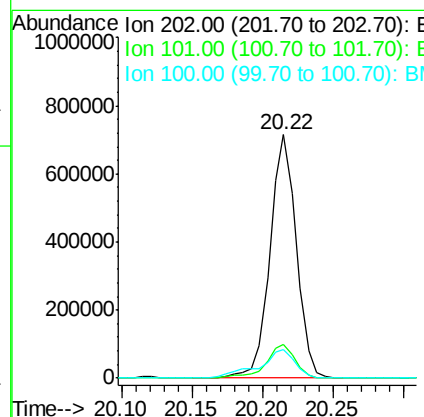
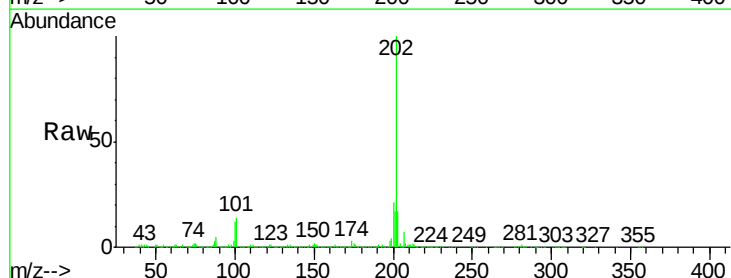
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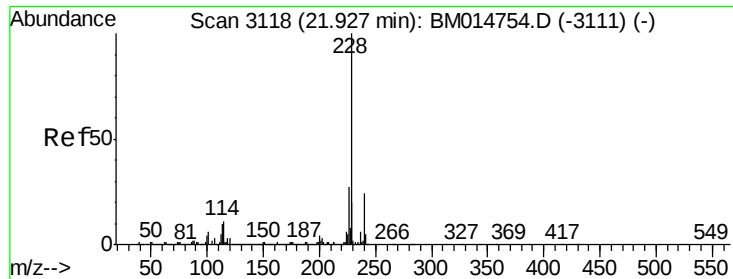
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#77
 Pyrene
 Concen: 10.952 ng/ul
 RT: 20.22 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM014760.D
 Acq: 20 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	5.1	7.7#
100	11.5	4.9	7.3#





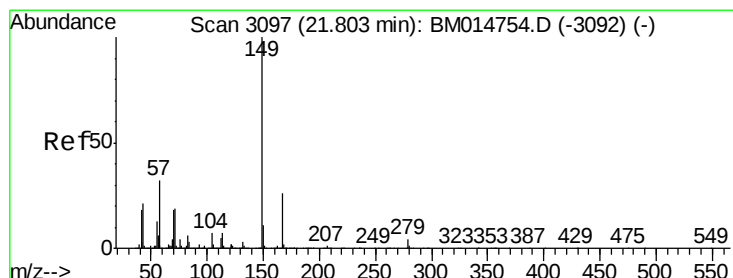
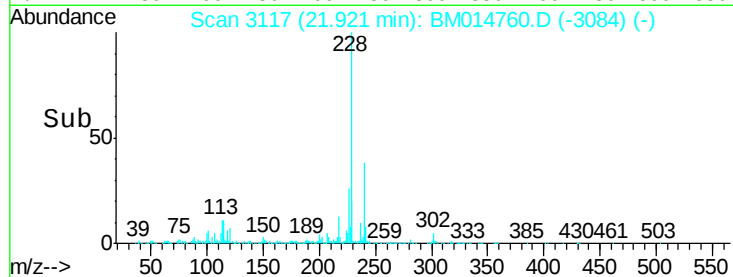
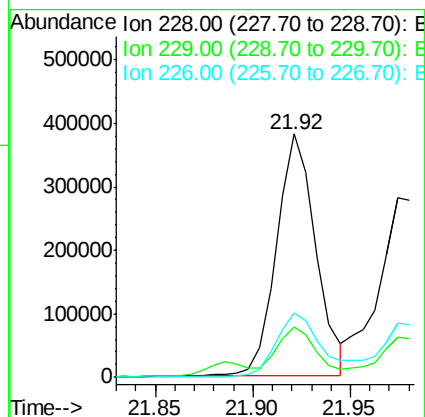
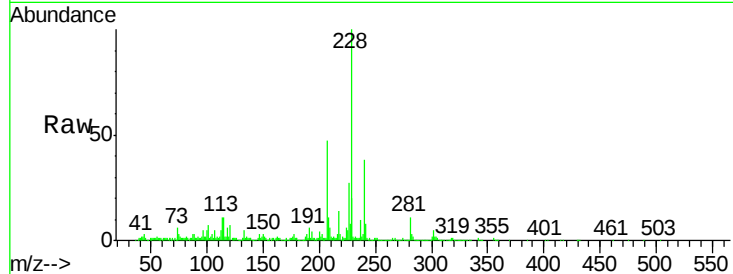
#80
Benzo(a)anthracene
Concen: 6.211 ng/ul
RT: 21.92 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Instrument :
BNA_M
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	26.5	21.4	32.0

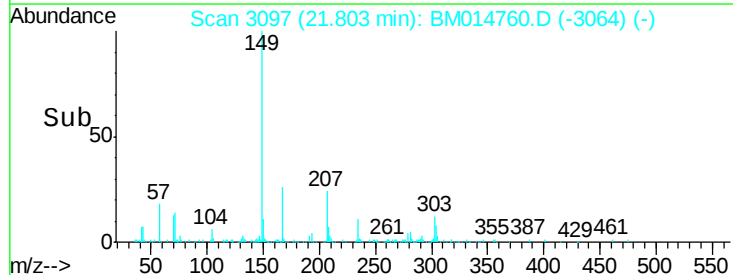
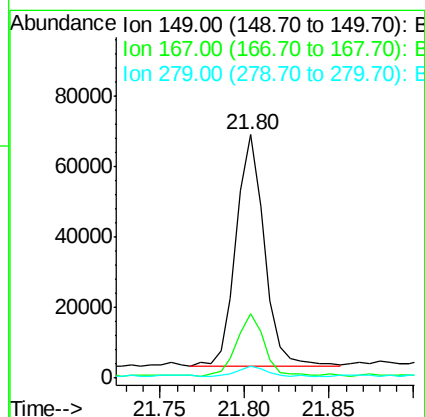
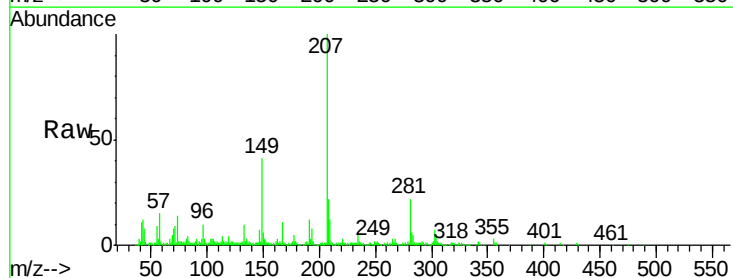
Manual Integrations
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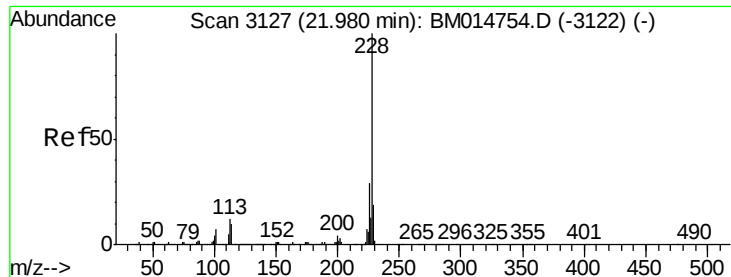
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.474 ng/ul
RT: 21.80 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.8	34.2
279	4.8	4.9	7.3#





#82

Chrysene

Concen: 5.534 ng/u1

RT: 21.97 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM014760.D

Acq: 20 Apr 2018 12:41

Instrument :

BNA_M

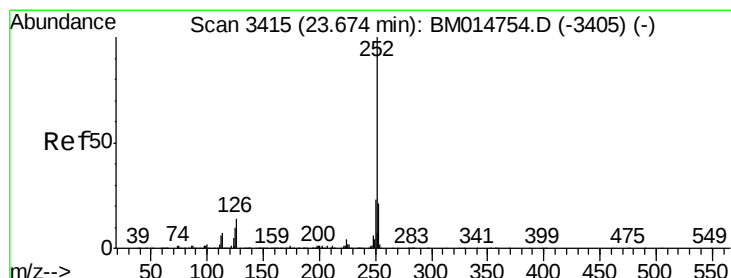
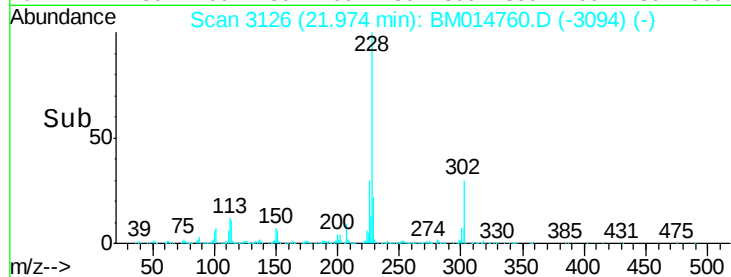
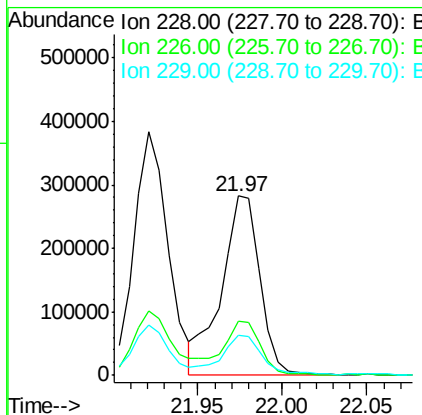
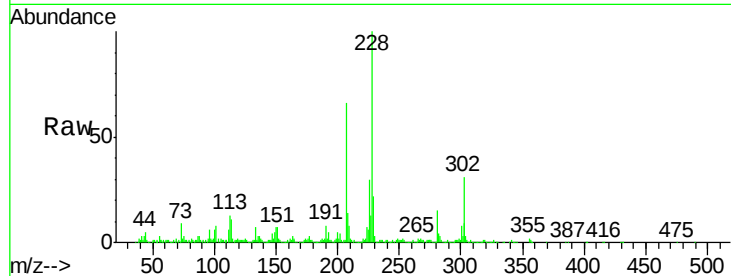
ClientSampled :

C0AB6

Tot Ion:	228	Resp:	444517
Ion Ratio		Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.2	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 6.539 ng/u1

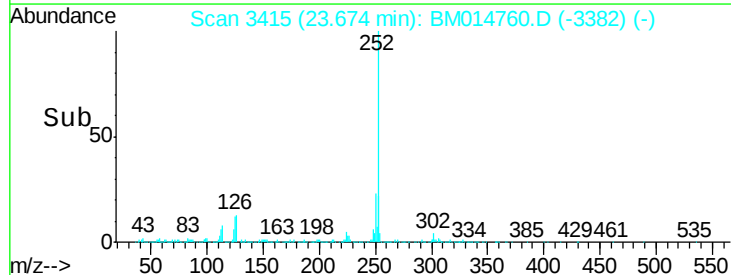
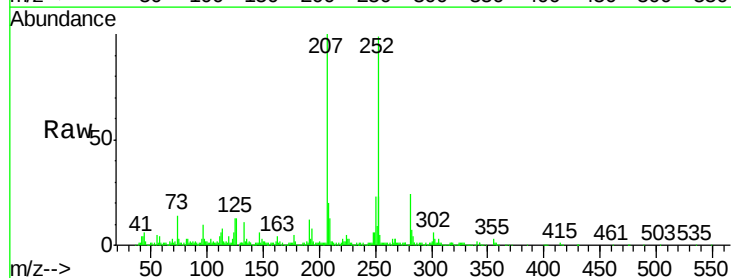
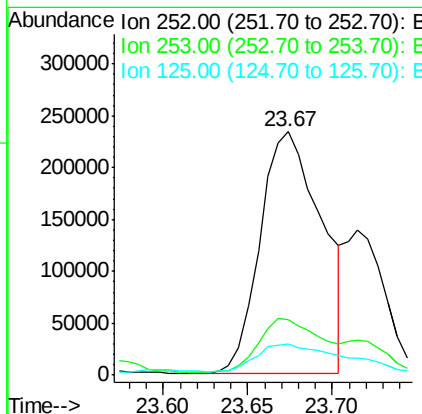
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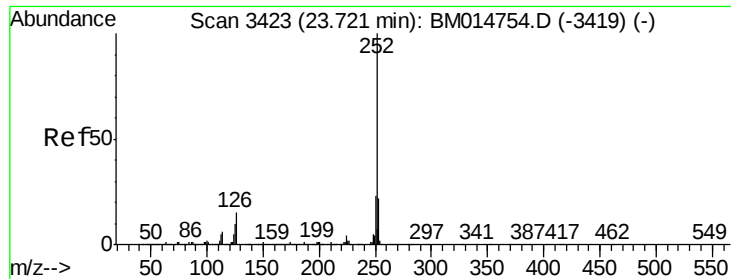
Delta R.T. -0.01 min

Lab File: BM014760.D

Acq: 20 Apr 2018 12:41

Tgt Ion:	252	Resp:	588174
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.8	3.6	5.4#





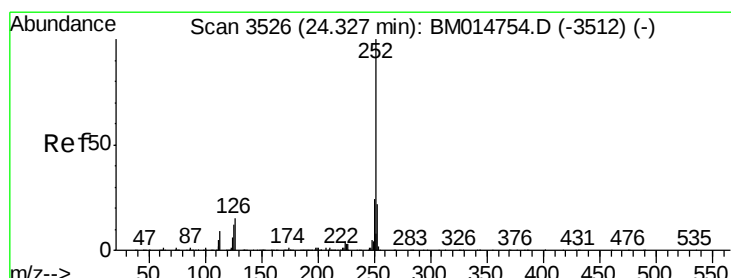
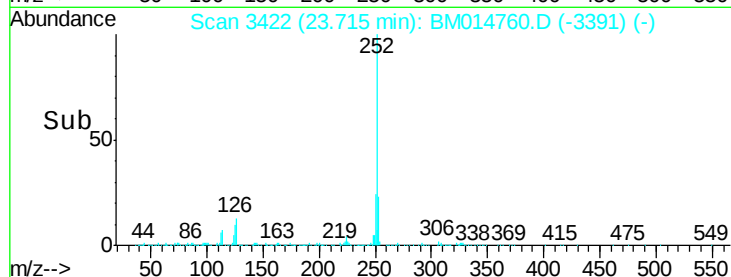
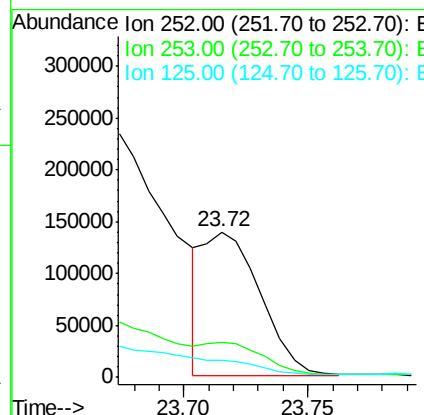
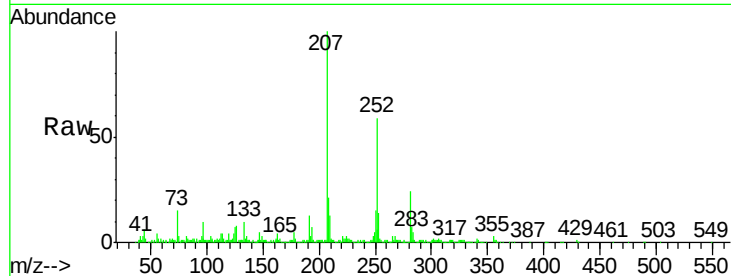
#86
Benzo(k)fluoranthene
Concen: 2.560 ng/ul m
RT: 23.72 min Scan# 3422
Delta R.T. -0.02 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	11.8	3.4	5.2

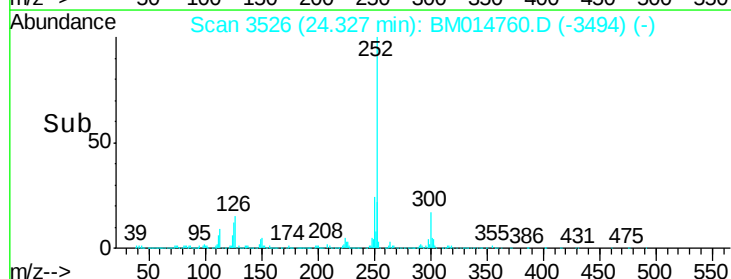
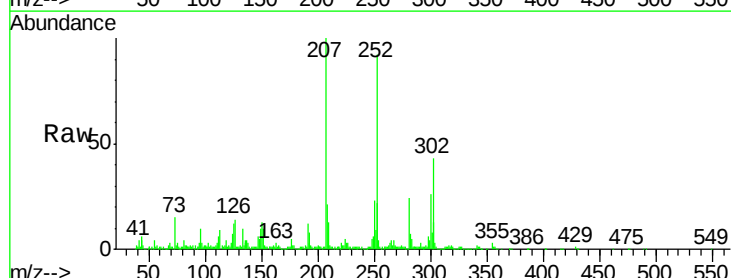
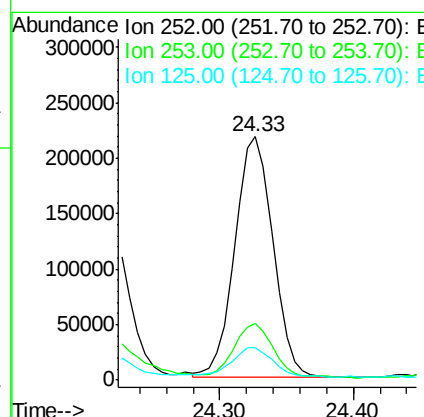
Manual Integrations
APPROVED

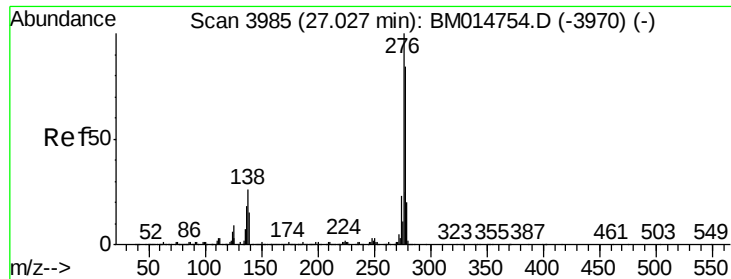
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4/23/2018 3:40:21 PM



#88
Benzo(a)pyrene
Concen: 5.064 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.5	4.0	6.0





#89

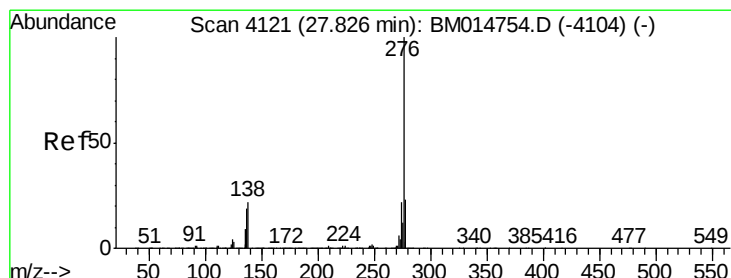
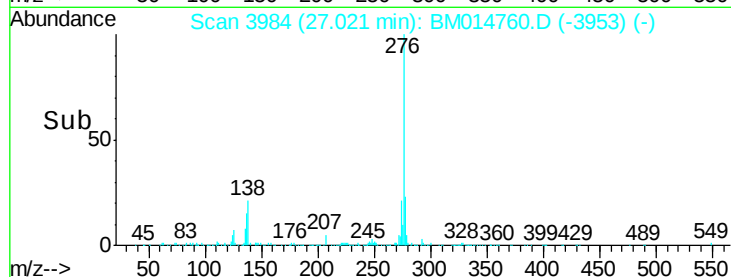
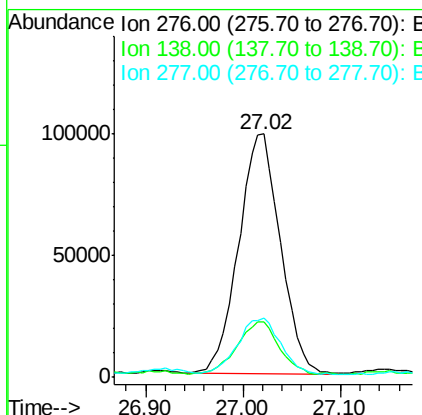
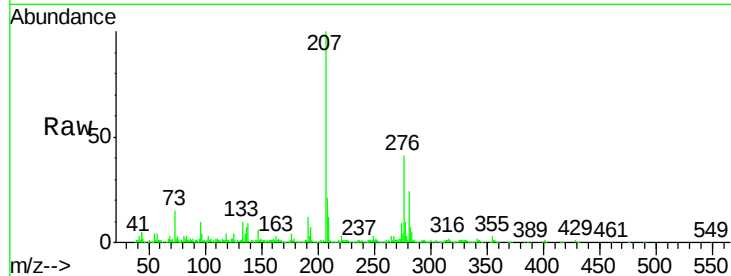
Indeno(1,2,3-cd)pyrene
Concen: 2.854 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	9.3	13.9#
277	24.6	19.9	29.9

Manual Integrations
APPROVED

Sohil
4/23/2018 3:40:21 PM



#91

Benzo(g,h,i)perylene
Concen: 3.324 ng/ul
RT: 27.82 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM014760.D
Acq: 20 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	8.5	12.7#
277	23.3	18.6	28.0

