

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014843.D
 Acq On : 25 Apr 2018 20:46
 Operator : SJ/JU
 Sample : J2449-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

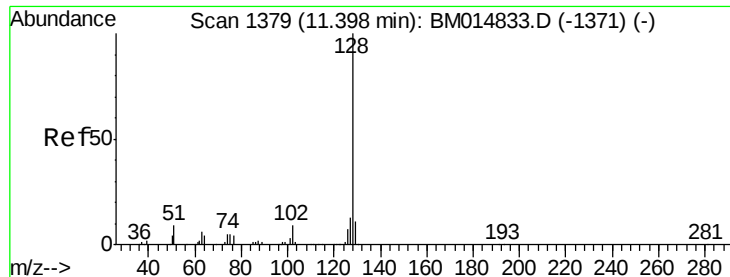
Manual Integrations
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Sohil
 4/26/2018 6:21:14 PM

Quant Time: Apr 26 02:39:09 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	343317	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1422896	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	731250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1493160	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1615847	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1790112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	44649	5.68	ng/uL	0.00
5) Phenol-d5	7.62	99	777664	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	547065	32.14	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	690430	31.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	557301	26.33	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	317731	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	338580	33.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	606308	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	687360	33.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1703038	29.84	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	2079213	29.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	211643	19.98	ng/ul	0.00
57) Fluorene-d10	16.09	176	1466129	29.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	183283	22.68	ng/ul	0.00
70) Anthracene-d10	17.92	188	2153181	30.94	ng/ul	0.00
76) Pyrene-d10	20.16	212	2319458	30.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.24	264	2909747	33.08	ng/ul	0.00
Target Compounds						
28) Naphthalene	11.40	128	98747	1.424	ng/ul	99
34) 2-Methylnaphthalene	12.97	142	61894	1.285	ng/ul	95
44) Dimethylphthalate	14.54	163	431152	7.813	ng/ul	99
47) Acenaphthylene	14.84	152	229121	3.355	ng/ul	100
69) Phenanthrene	17.86	178	1789549	22.317	ng/ul	99
71) Anthracene	17.95	178	383618	4.714	ng/ul	98
72) Carbazole	18.21	167	208637	3.005	ng/ul	97
74) Fluoranthene	19.83	202	4297778	49.158	ng/ul#	84
77) Pvrene	20.19	202	3543535	37.533	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	2110354	22.334	ng/ul	98
82) Chrysene	21.95	228	2063370	23.326	ng/ul	97
85) Benzo(b)fluoranthene	23.64	252	3050551	28.908	ng/ul#	95
86) Benzo(k)fluoranthene	23.68	252	1088230m	10.724	ng/ul	
88) Benzo(a)pyrene	24.29	252	2124878	21.228	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.96	276	1508069	12.454	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.97	278	399476	3.918	ng/ul#	90
91) Benzo(g,h,i)perylene	27.76	276	1188181	11.927	ng/ul#	88

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



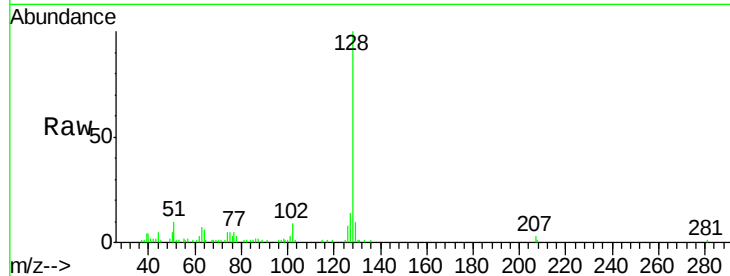
#28
Naphthalene
Concen: 1.424 ng/ul
RT: 11.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Instrument :
BNA_M
ClientSampleId :
C0AE0

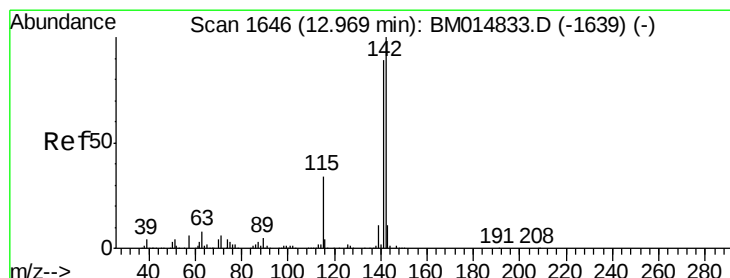
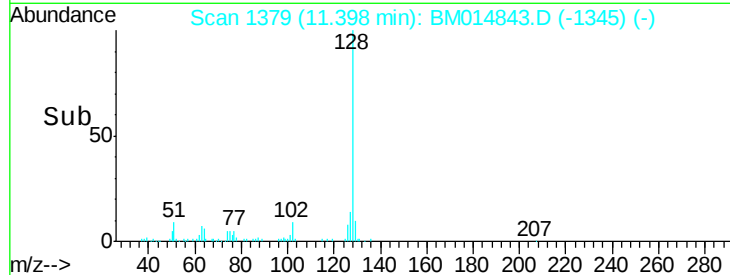
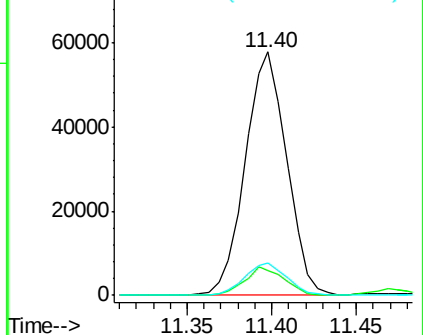
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.5	10.6	16.0

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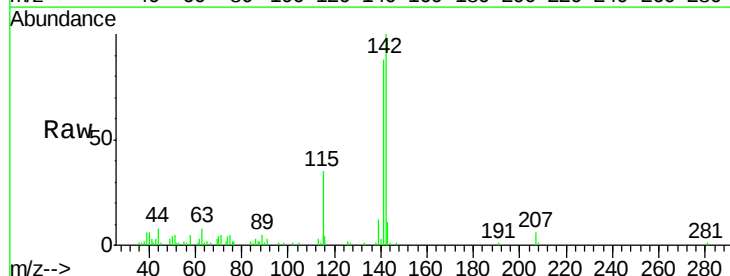


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

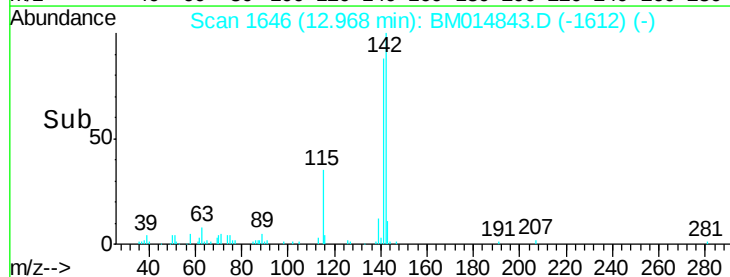
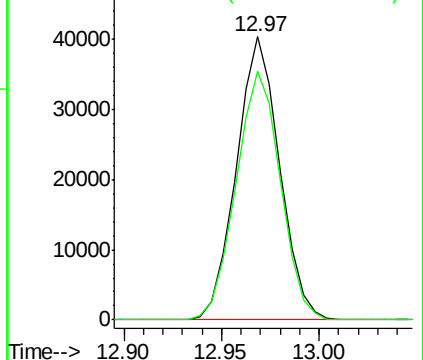


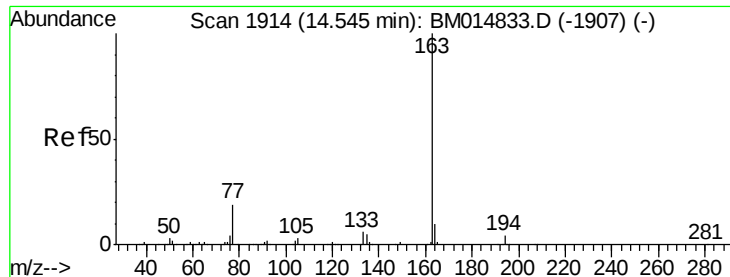
#34
2-Methylnaphthalene
Concen: 1.285 ng/ul
RT: 12.97 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





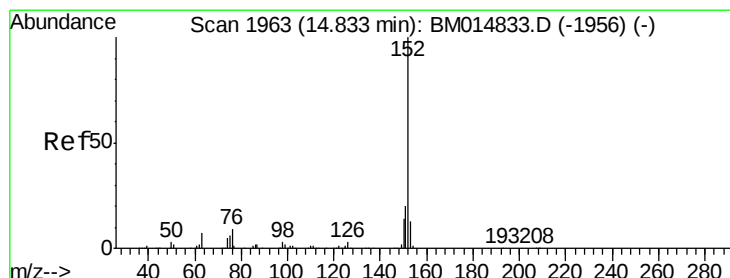
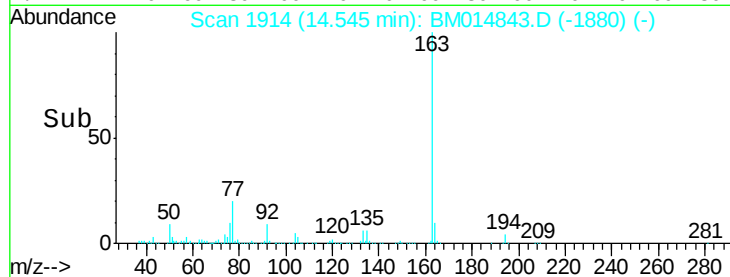
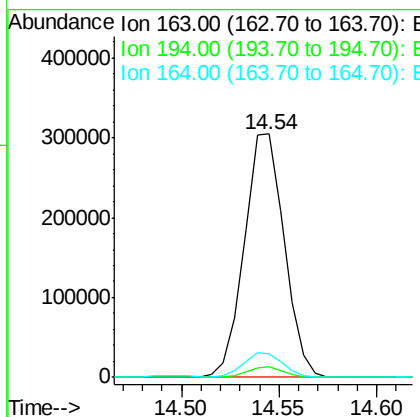
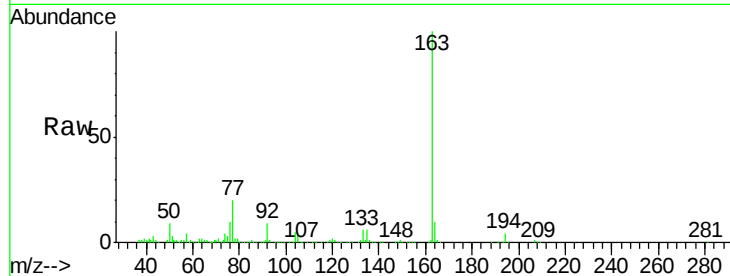
#44
Dimethylphthalate
Concen: 7.813 ng/ul
RT: 14.54 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Instrument :
BNA_M
ClientSampleId :
C0AE0

Tot Ion:	163	Resp:	431152
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.7	8.2	12.4

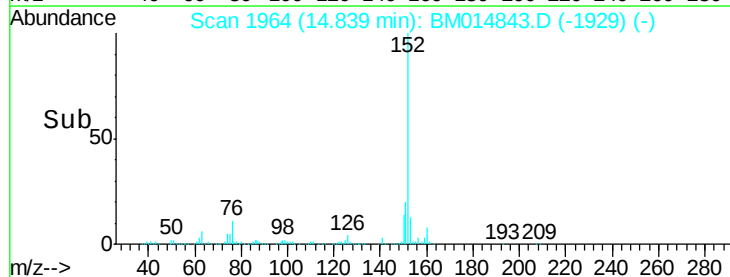
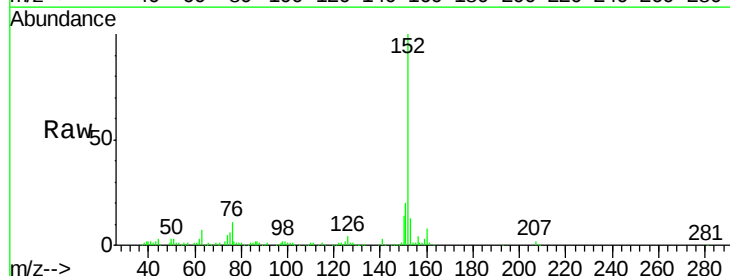
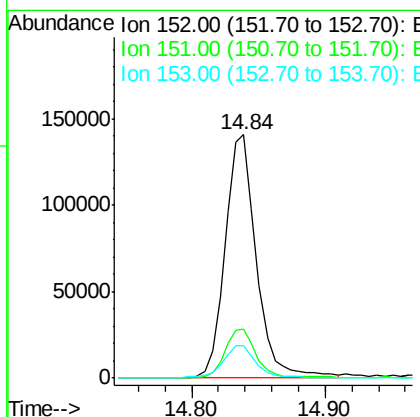
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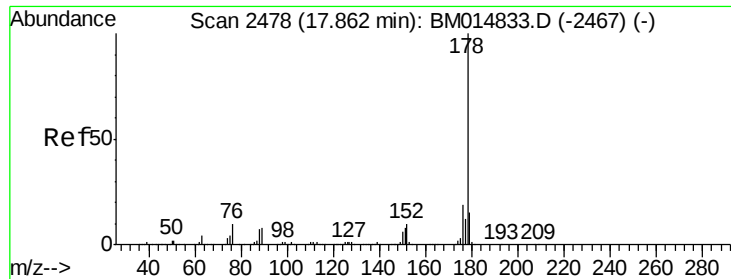
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#47
Acenaphthylene
Concen: 3.355 ng/ul
RT: 14.84 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Tgt Ion:	152	Resp:	229121
Ion Ratio		Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.2	15.4





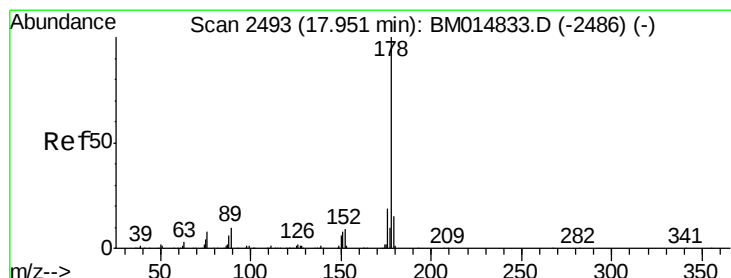
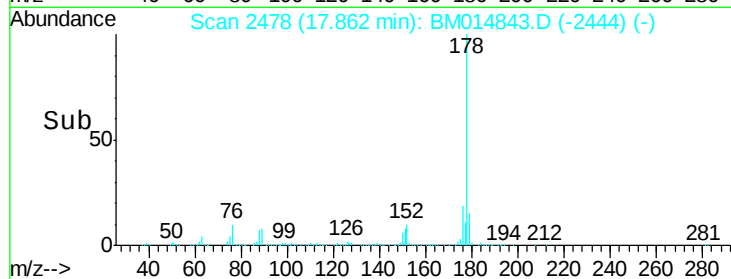
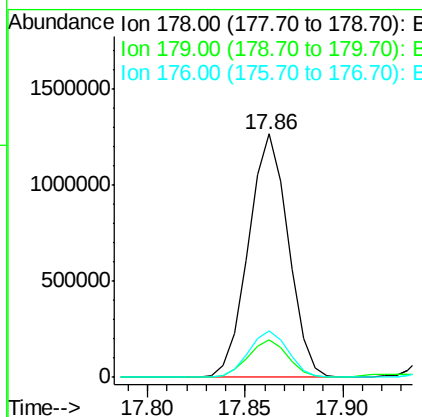
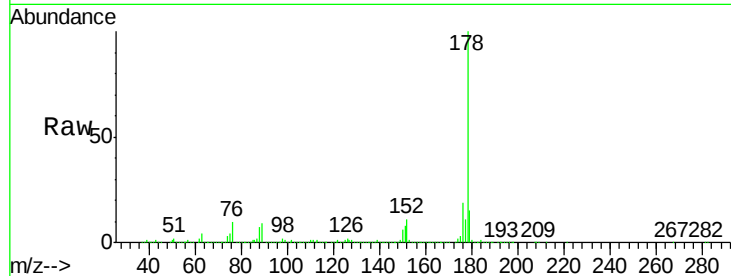
#69
Phenanthrene
Concen: 22.317 ng/ul
RT: 17.86 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Instrument :
BNA_M
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	14.9	22.3

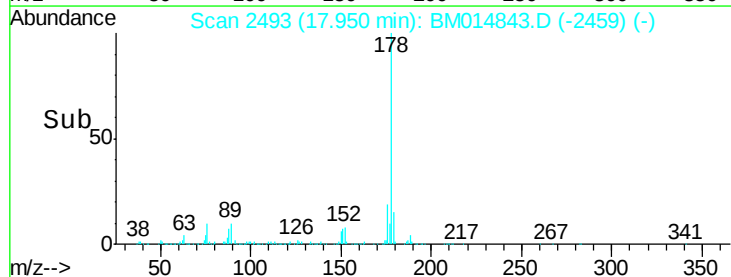
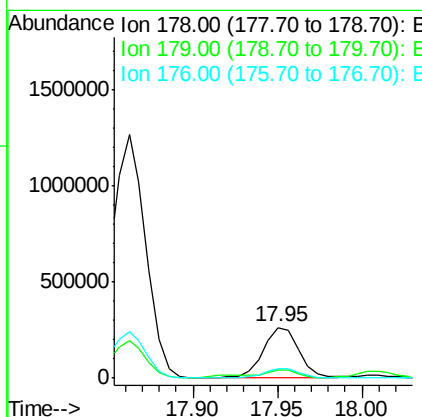
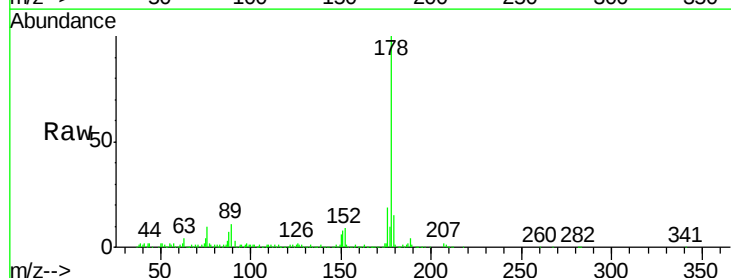
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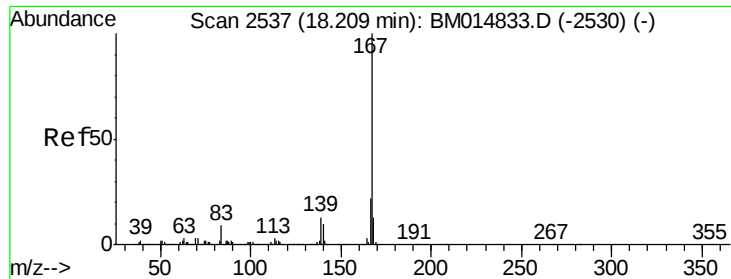
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#71
Anthracene
Concen: 4.714 ng/ul
RT: 17.95 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.9	14.6	21.8





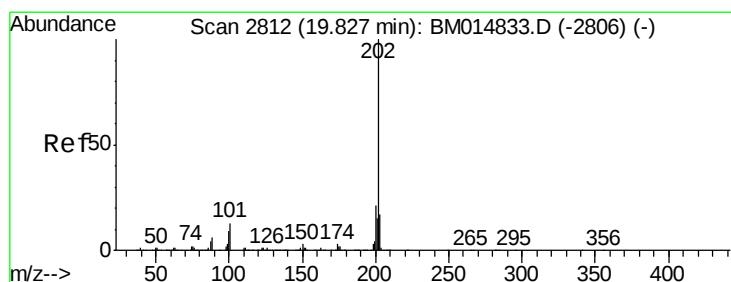
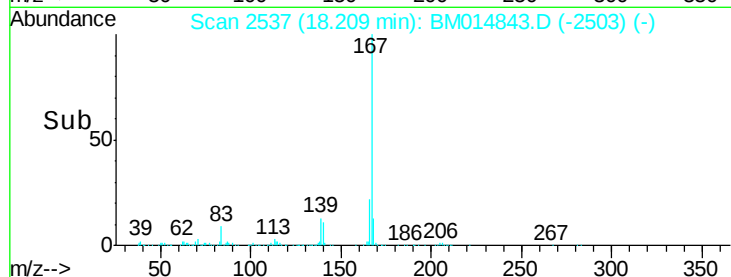
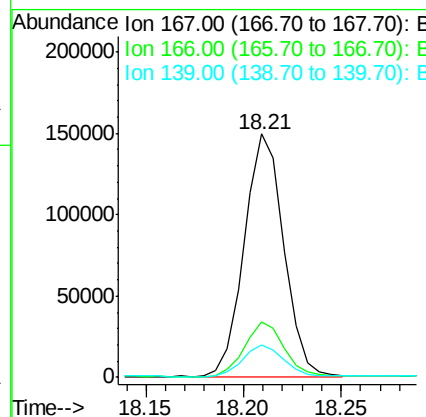
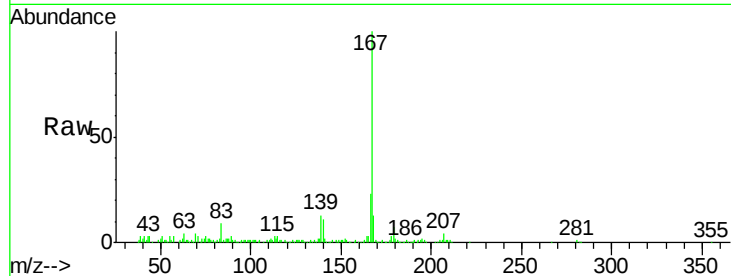
#72
 Carbazole
 Concen: 3.005 ng/ul
 RT: 18.21 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BM014843.D
 Acq: 25 Apr 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.1	25.7
139	13.4	10.0	15.0

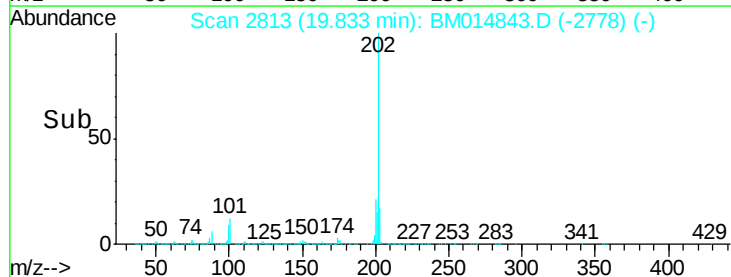
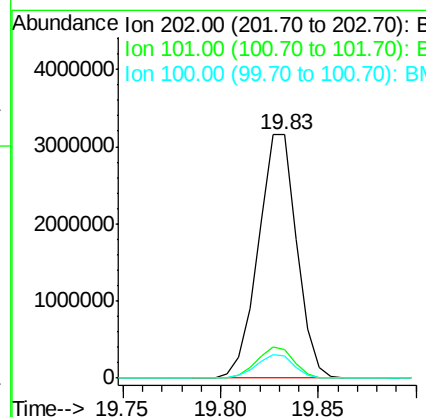
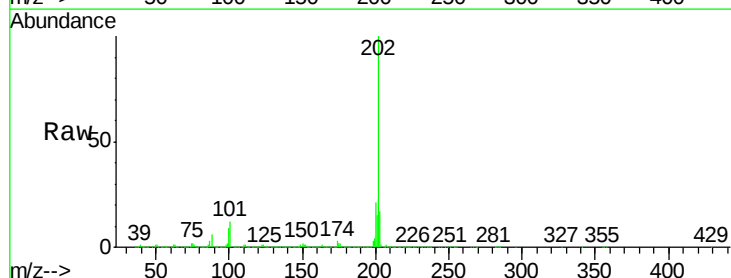
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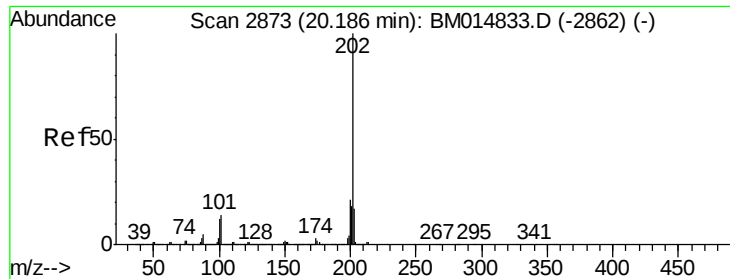
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#74
 Fluoranthene
 Concen: 49.158 ng/ul
 RT: 19.83 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BM014843.D
 Acq: 25 Apr 2018 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	4.6	7.0#
100	8.9	3.4	5.2#





#77

Pvrene

Concen: 37.533 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM014843.D

Acq: 25 Apr 2018 20:46

Instrument :

BNA_M

ClientSampleId :

C0AE0

Tot Ion:202 Resp: 3543535

Ion Ratio Lower Upper

202 100

101 14.6 5.1 7.7#

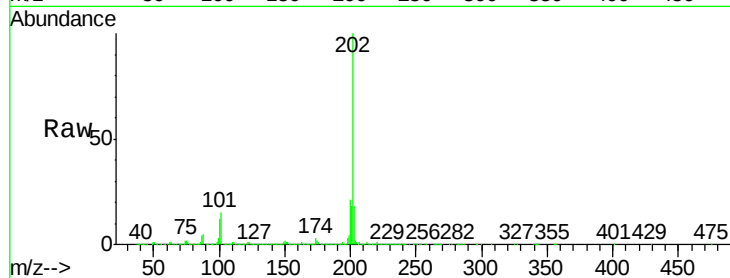
100 12.3 4.9 7.3#

Manual Integrations

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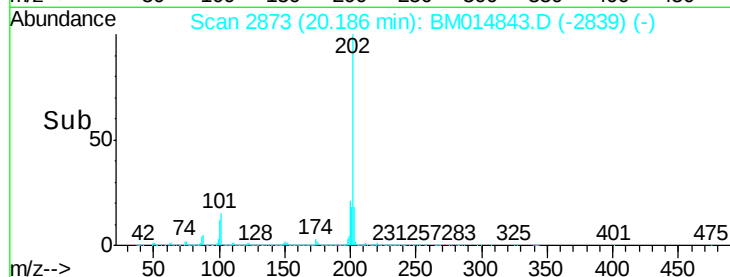


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



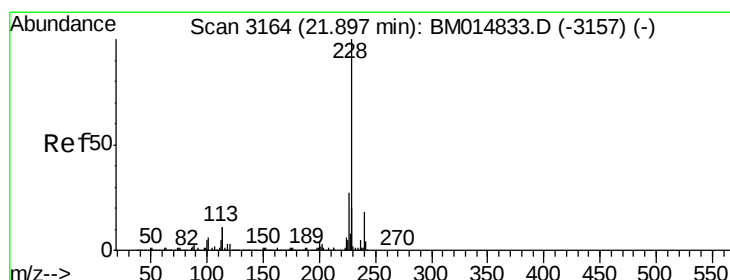
Abundance

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): E

Time-->



#80

Benzo(a)anthracene

Concen: 22.334 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM014843.D

Acq: 25 Apr 2018 20:46

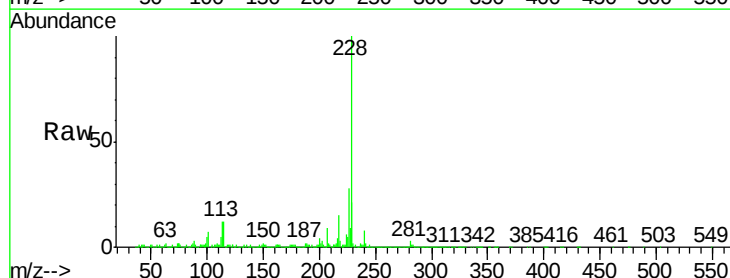
Tgt Ion:228 Resp: 2110354

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

226 27.7 21.4 32.0

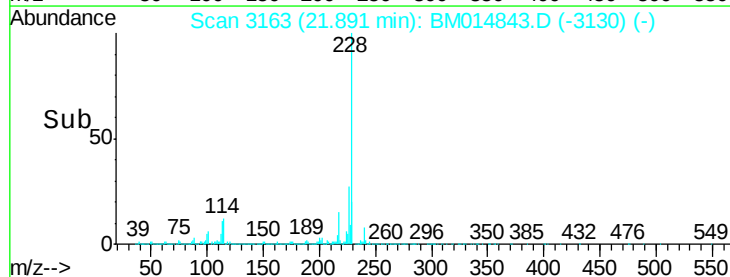


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



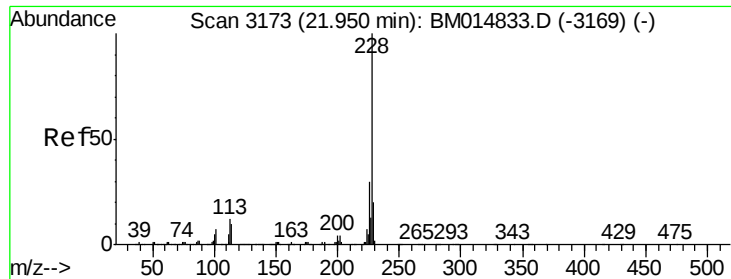
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



#82

Chrysene

Concen: 23.326 ng/ul

RT: 21.95 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM014843.D

Acq: 25 Apr 2018 20:46

Instrument :

BNA_M

ClientSampleId :

C0AE0

Tot Ion:228 Resp: 2063370

Ion Ratio Lower Upper

228 100

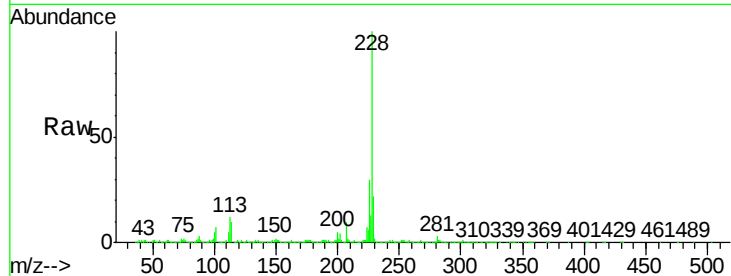
226 30.4 23.4 35.2

229 22.0 15.5 23.3

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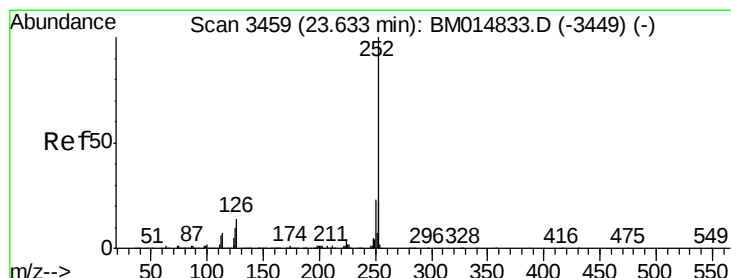
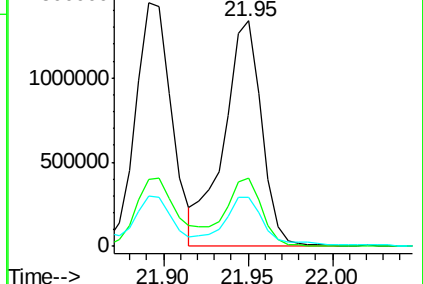
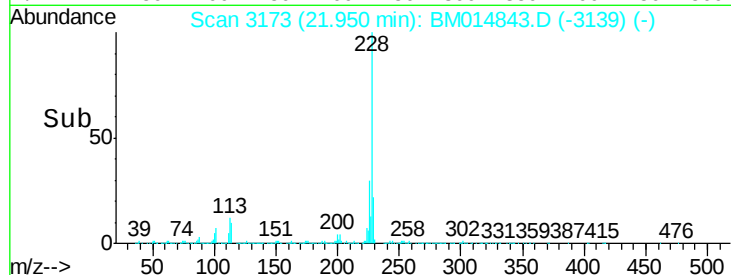
4/26/2018 6:21:14 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 28.908 ng/ul

RT: 23.64 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BM014843.D

Acq: 25 Apr 2018 20:46

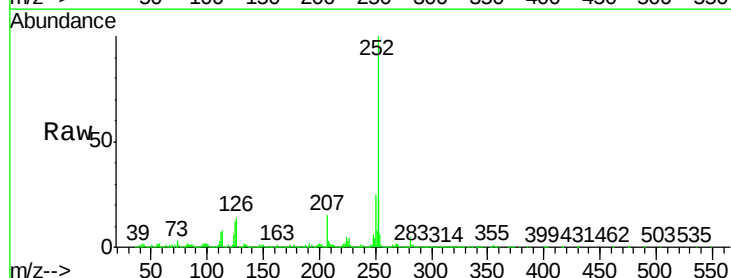
Tgt Ion:252 Resp: 3050551

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

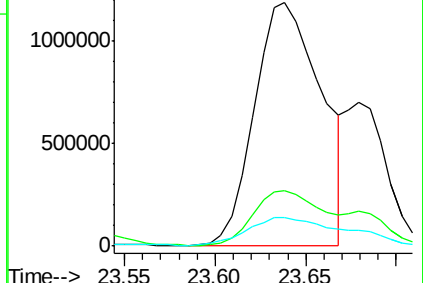
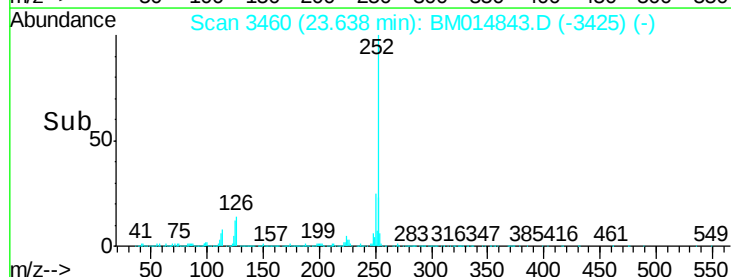
125 11.8 3.6 5.4#

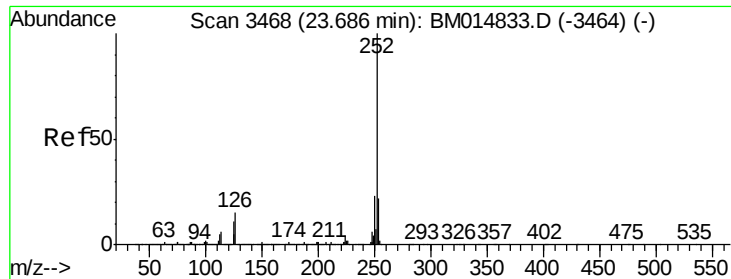


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





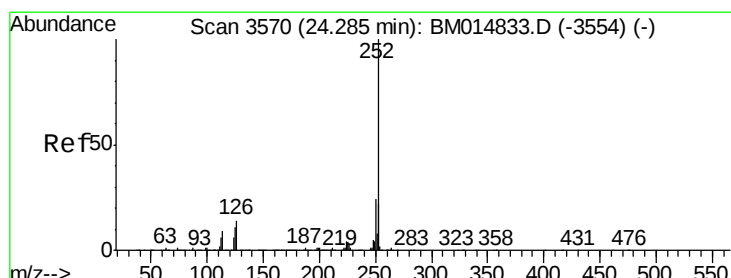
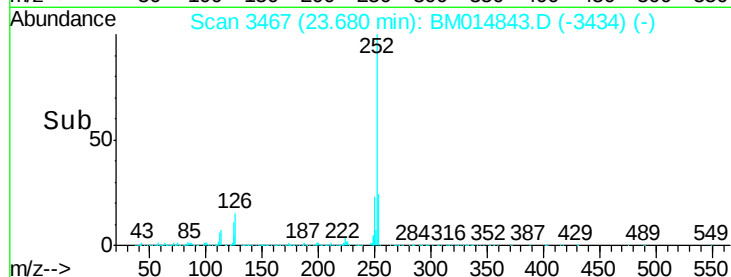
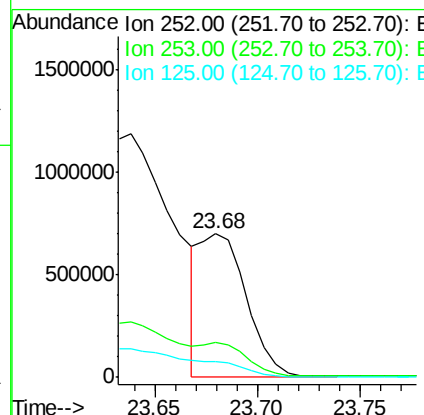
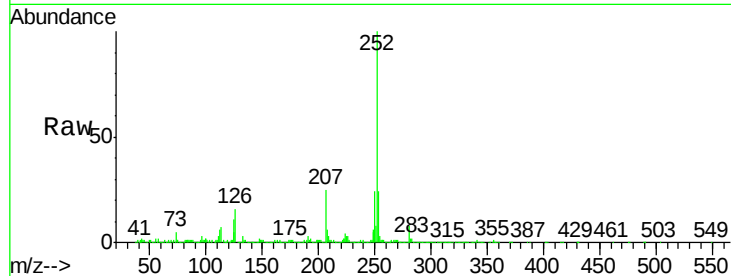
#86
Benzo(k)fluoranthene
Concen: 10.724 ng/ul m
RT: 23.68 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Instrument :
BNA_M
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.3	3.4	5.2

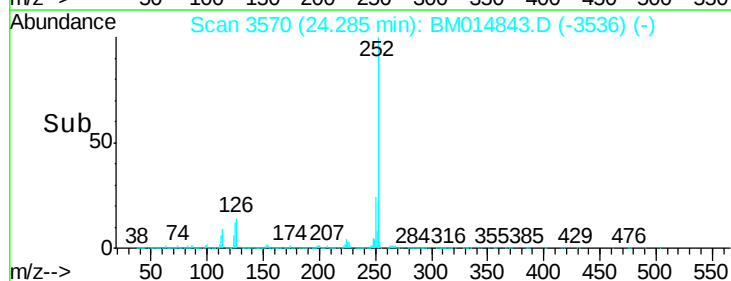
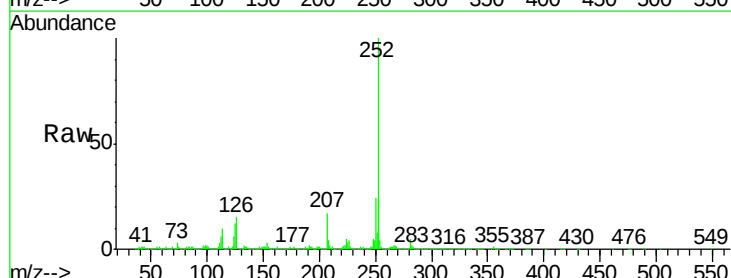
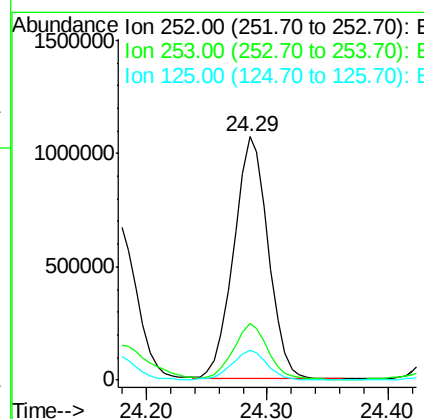
Manual Integrations
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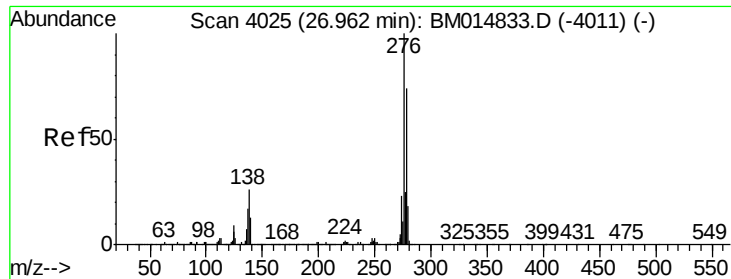
Sohil
4/26/2018 6:21:14 PM



#88
Benzo(a)pyrene
Concen: 21.228 ng/ul
RT: 24.29 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BM014843.D
Acq: 25 Apr 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.0	4.0	6.0





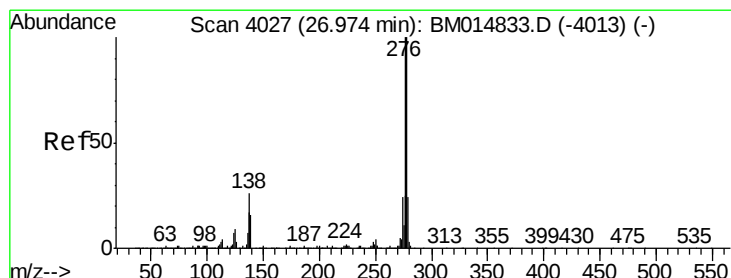
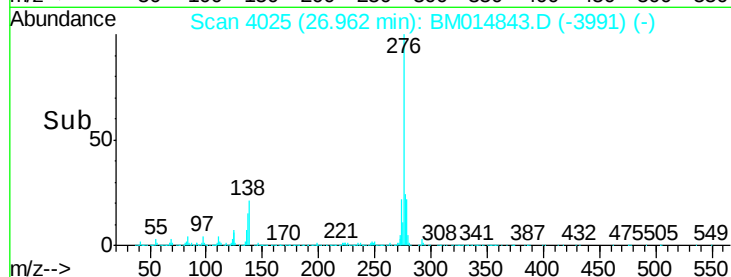
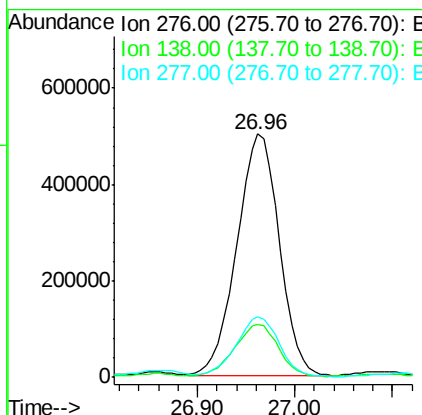
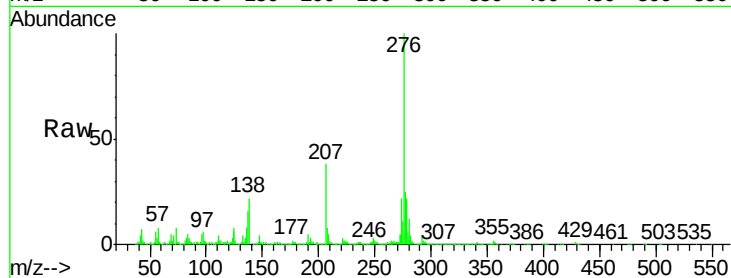
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 12.454 ng/ul
 RT: 26.96 min Scan# 4025
 Delta R.T. -0.00 min
 Lab File: BM014843.D
 Acq: 25 Apr 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	9.3	13.9#
277	24.8	19.9	29.9

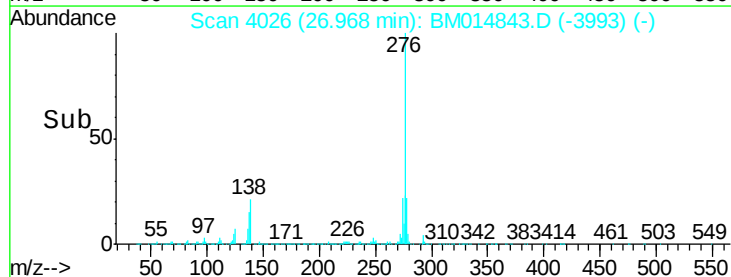
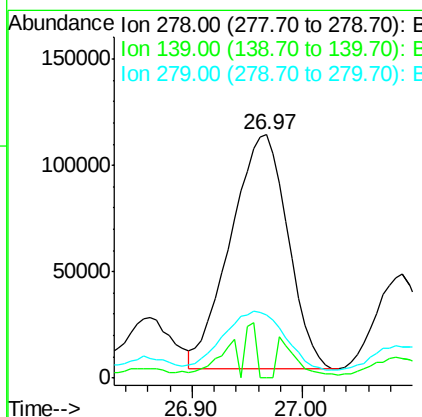
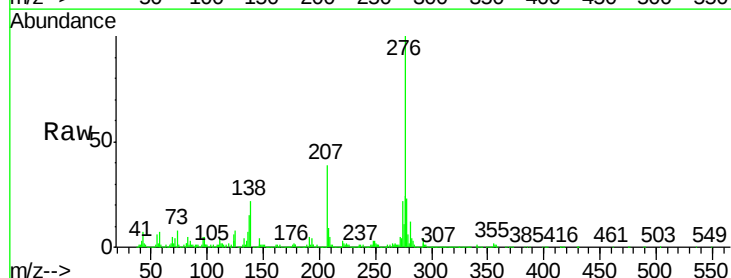
Manual Integrations
 APPROVED

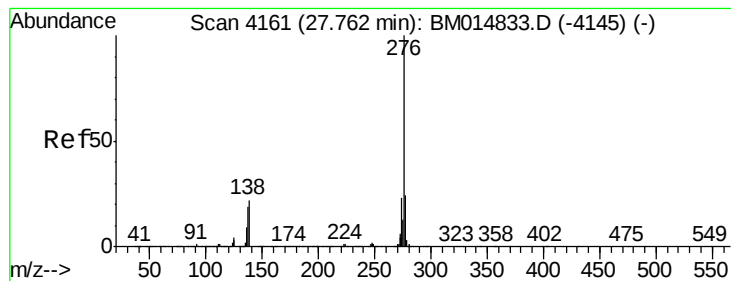
Sohil
 4/26/2018 6:21:14 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 3.918 ng/ul
 RT: 26.97 min Scan# 4026
 Delta R.T. -0.01 min
 Lab File: BM014843.D
 Acq: 25 Apr 2018 20:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.1	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 11.927 ng/ul

RT: 27.76 min Scan# 4161

Delta R.T. -0.00 min

Lab File: BM014843.D

Acq: 25 Apr 2018 20:46

Instrument :

BNA_M

ClientSampleId :

C0AE0

Tot Ion: 276 Resp: 1188181

Ion Ratio Lower Upper

276 100

138 22.5 8.5 12.7#

277 25.1 18.6 28.0

Manual Integrations

APPROVED

Sohil

4/26/2018 6:21:14 PM

