

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014429.D
 Acq On : 01 Mar 2018 08:08
 Operator : SJ/JU
 Sample : J1679-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z6

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:54 PM

Quant Time: Mar 08 11:25:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	143146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	669048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	393988	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	849866	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	772882	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	594684	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	11944	3.57	ng/uL	0.00
5) Phenol-d5	6.72	99	259457	21.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	156510	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	215902	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	205797	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	113529	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	122665	23.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	227654	21.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	215405m	20.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	737114	22.66	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	963163	24.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	80587m	17.94	ng/ul	0.02
57) Fluorene-d10	15.18	176	621811	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	10876	2.13	ng/ul	0.01
70) Anthracene-d10	17.04	188	935217	22.81	ng/ul	0.00
76) Pyrene-d10	19.34	212	1000998	25.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	669395	23.13	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.65	163	108739	3.389	ng/ul	99
47) Acenaphthylene	13.89	152	63293	1.669	ng/ul	96
49) Acenaphthene	14.24	153	56683	2.123	ng/ul	93
58) Fluorene	15.23	166	76890	2.225	ng/ul#	98
69) Phenanthrene	16.98	178	1706886	34.859	ng/ul	99
71) Anthracene	17.07	178	383092	7.779	ng/ul	98
72) Carbazole	17.36	167	114583	2.767	ng/ul	99
74) Fluoranthene	19.02	202	2900575	49.582	ng/ul#	94
77) Pvrene	19.38	202	2555992	49.763	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	27412	1.291	ng/ul#	82
80) Benzo(a)anthracene	21.14	228	1266460	26.256	ng/ul	98
82) Chrysene	21.19	228	1055312	23.453	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1184457	29.746	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	353720m	9.343	ng/ul	
88) Benzo(a)pyrene	23.24	252	808097	22.711	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	470570	13.629	ng/ul	99
90) Dibenzo(a,h)anthracene	25.49	278	142451	4.965	ng/ul#	82
91) Benzo(g,h,i)perylene	26.16	276	431294	15.419	ng/ul#	93

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

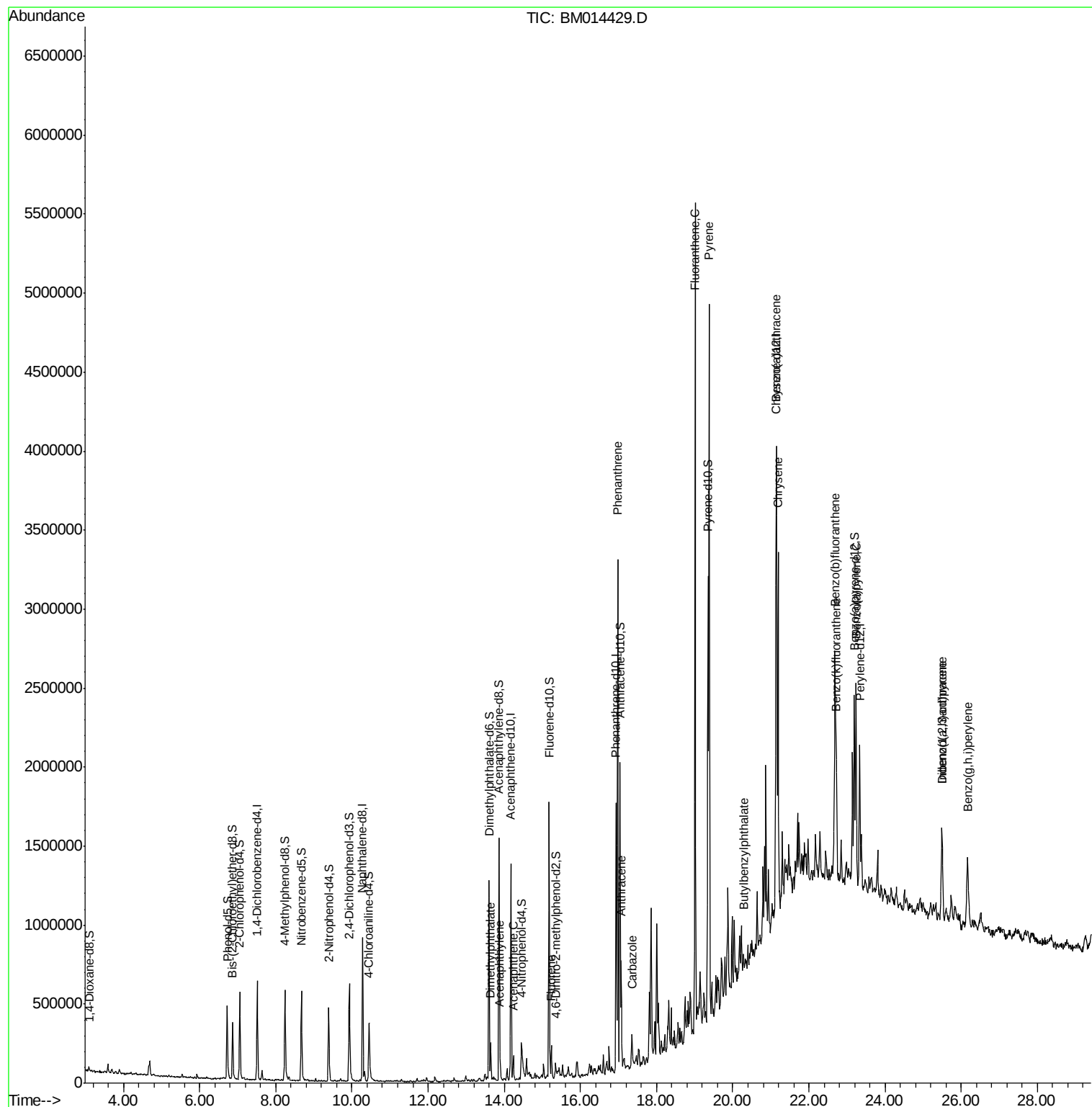
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

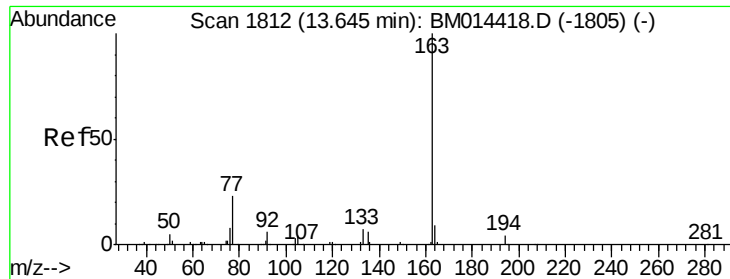
Instrument :
BNA_M
ClientSampleId :
BE5Z6

Manual Integrations
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Quant Time: Mar 08 11:25:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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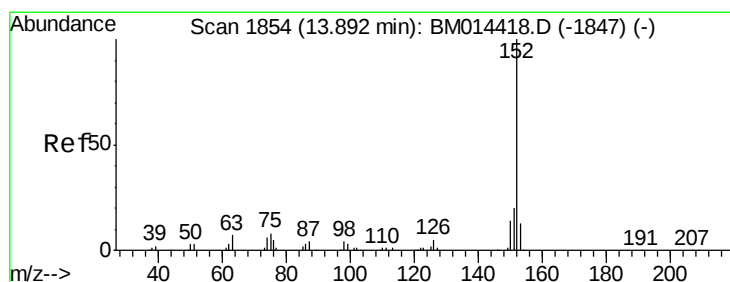
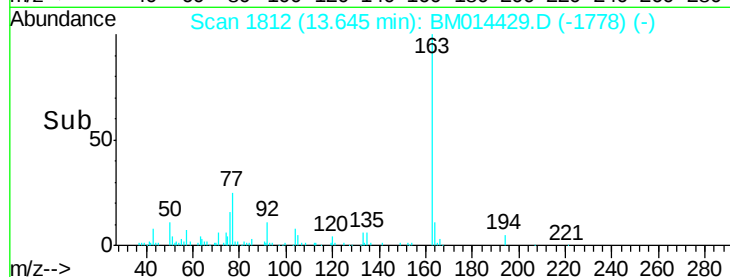
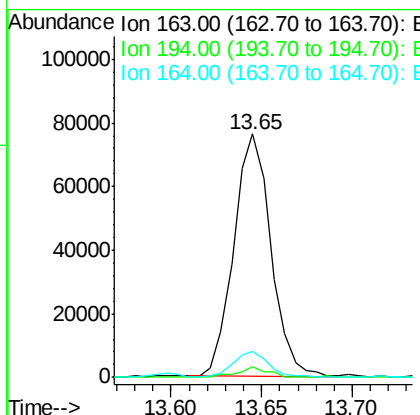
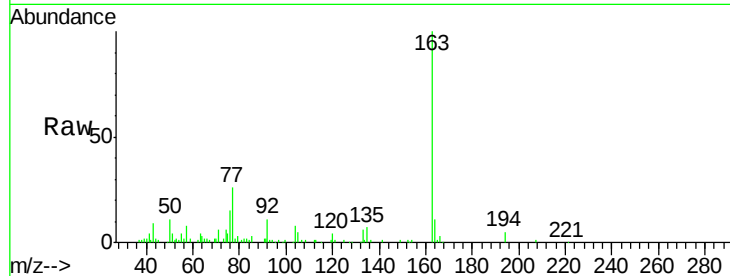
#44
Dimethylphthalate
Concen: 3.389 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.2	12.4

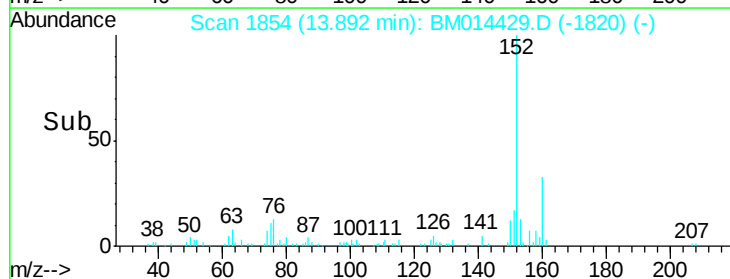
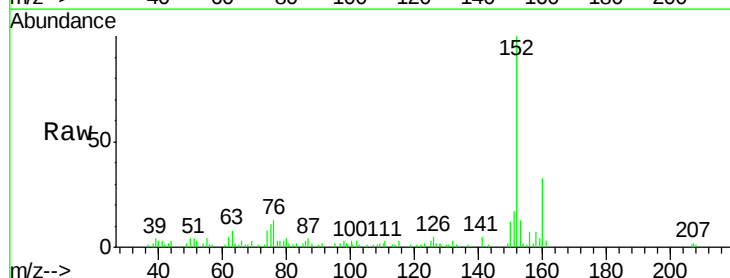
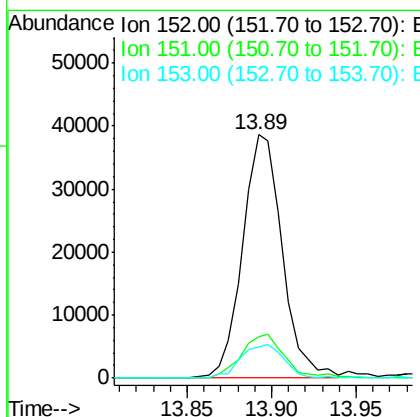
Manual Integrations
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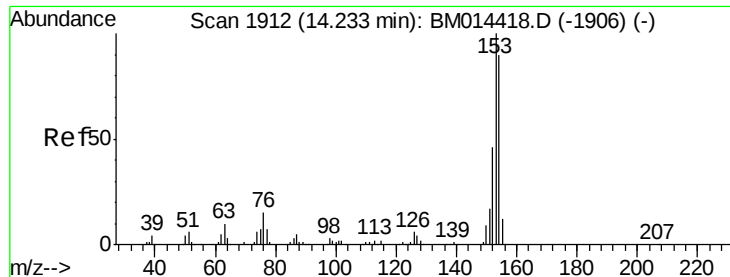
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#47
Acenaphthylene
Concen: 1.669 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.3	24.5
153	13.0	10.2	15.4





#49

Acenaphthene

Concen: 2.123 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014429.D

Acq: 01 Mar 2018 08:08

Instrument :

BNA_M

ClientSampled :

BE5Z6

Tot Ion:153 Resp: 56683

Ion Ratio Lower Upper

153 100

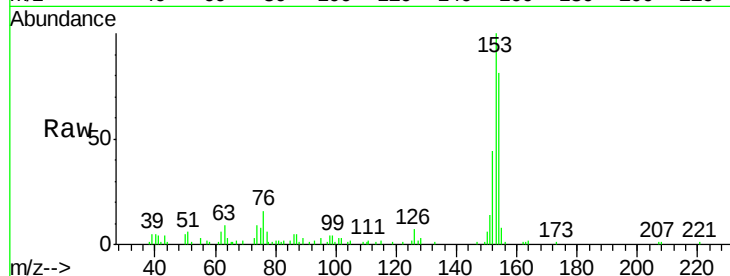
152 43.8 37.6 56.4

154 80.6 70.4 105.6

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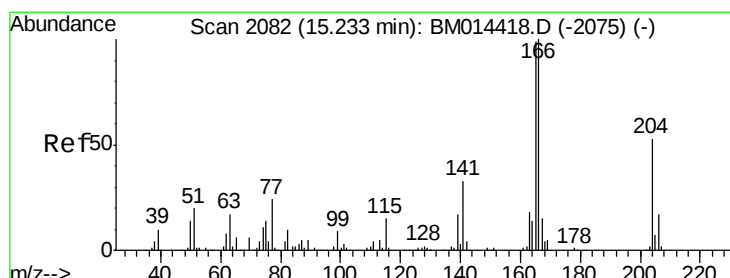
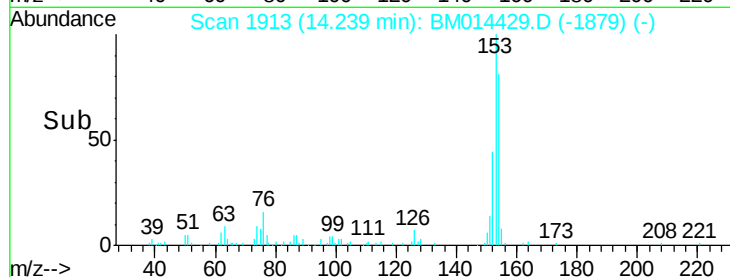
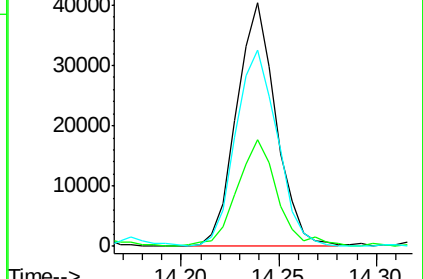
3/1/2018 5:15:54 PM



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



#58

Fluorene

Concen: 2.225 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014429.D

Acq: 01 Mar 2018 08:08

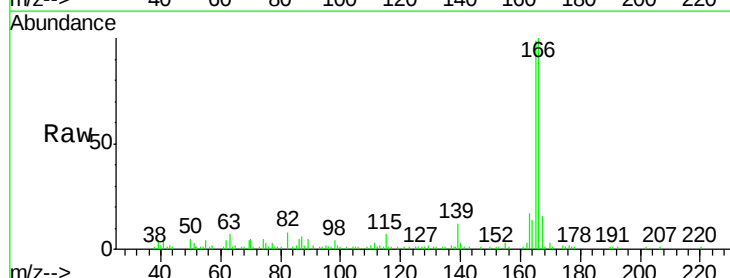
Tgt Ion:166 Resp: 76890

Ion Ratio Lower Upper

166 100

165 99.0 77.9 116.9

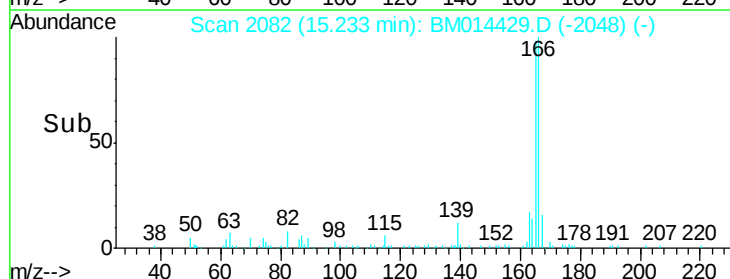
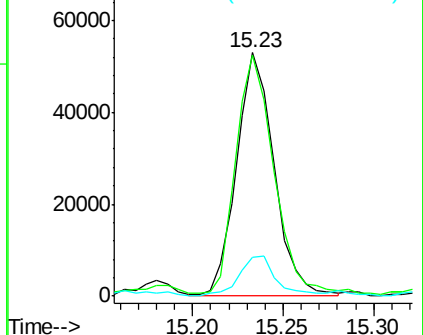
167 16.0 10.6 16.0#

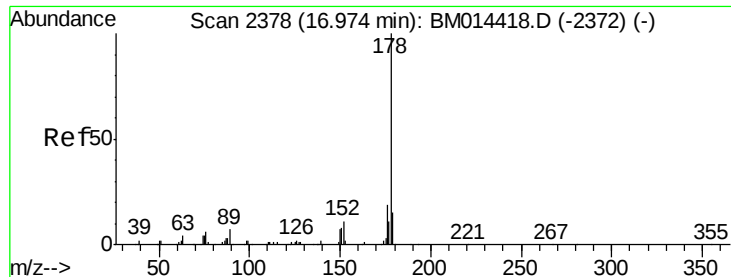


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





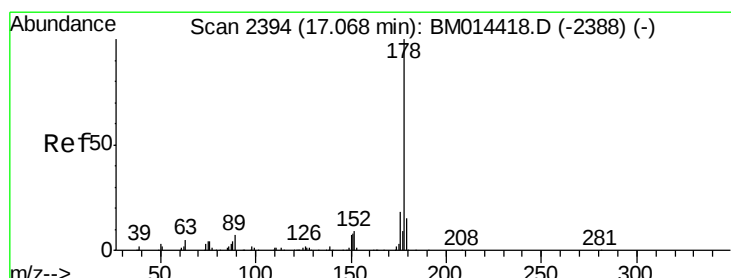
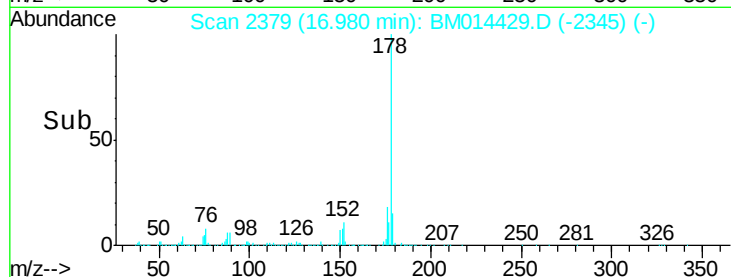
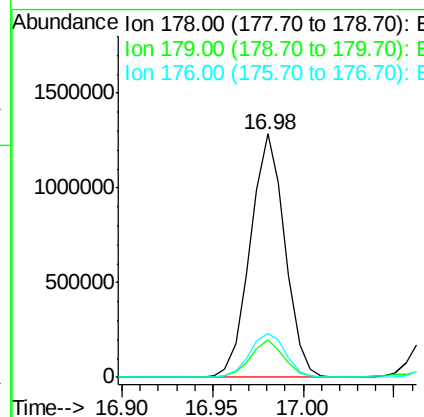
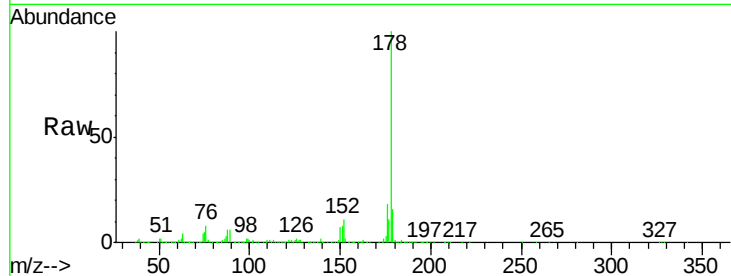
#69
Phenanthrene
Concen: 34.859 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.2	14.9	22.3

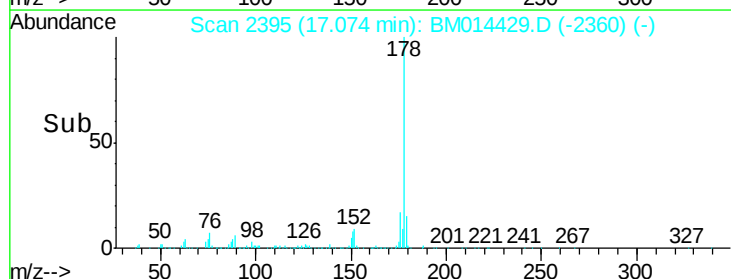
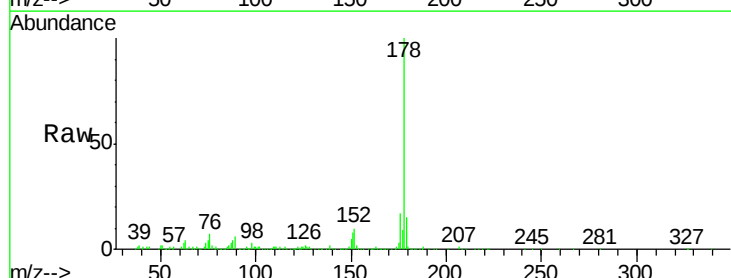
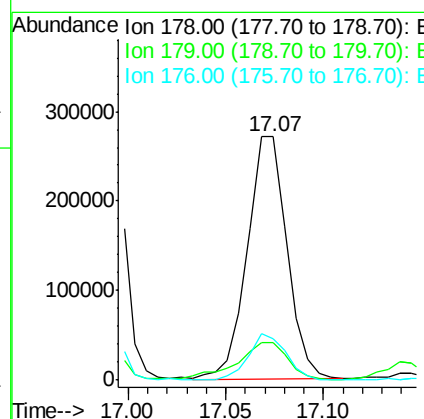
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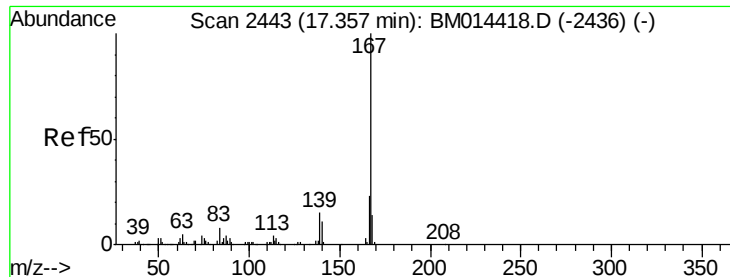
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#71
Anthracene
Concen: 7.779 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.1	14.6	21.8





#72

Carbazole

Concen: 2.767 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BM014429.D

Acq: 01 Mar 2018 08:08

Instrument :

BNA_M

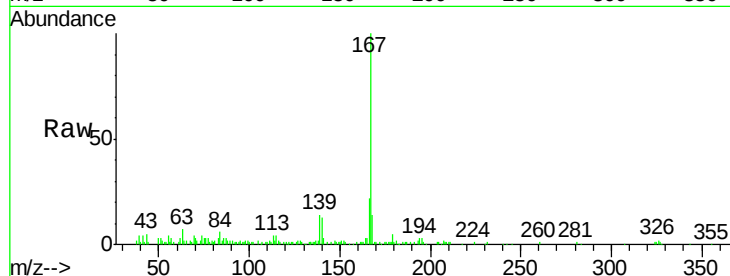
ClientSampleId :

BE5Z6

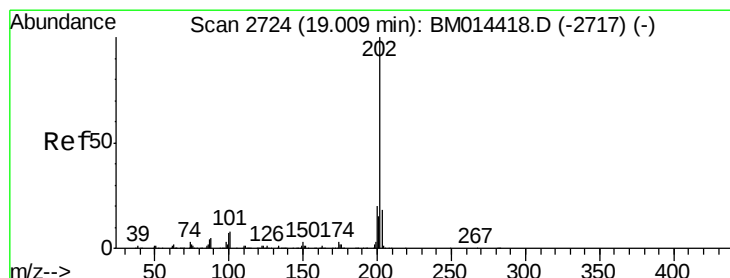
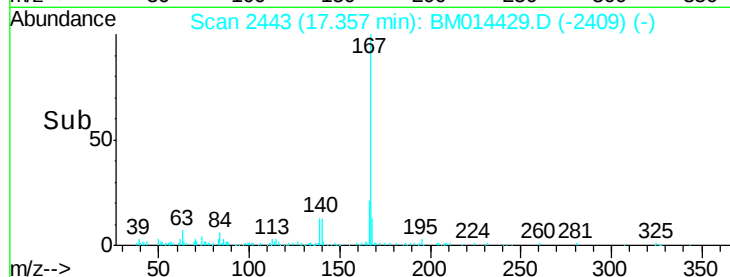
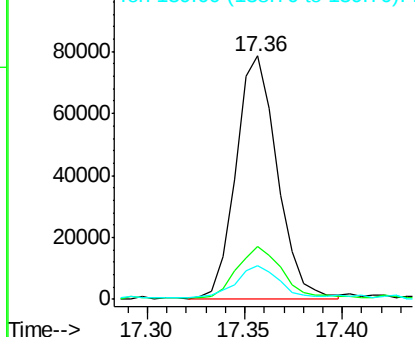
Tot Ion:	167	Resp:	114583
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	13.8	10.0	15.0

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 49.582 ng/ul

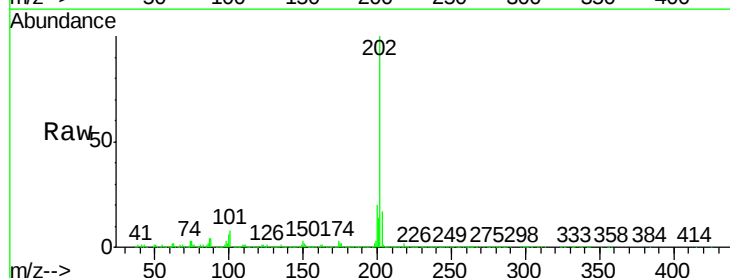
RT: 19.02 min Scan# 2725

Delta R.T. 0.01 min

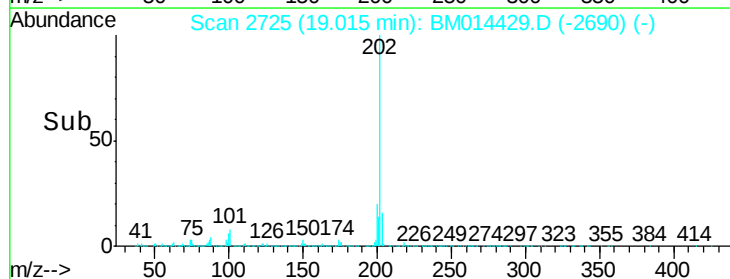
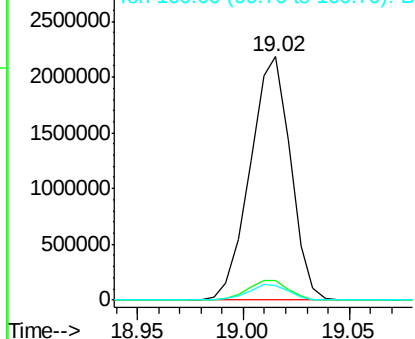
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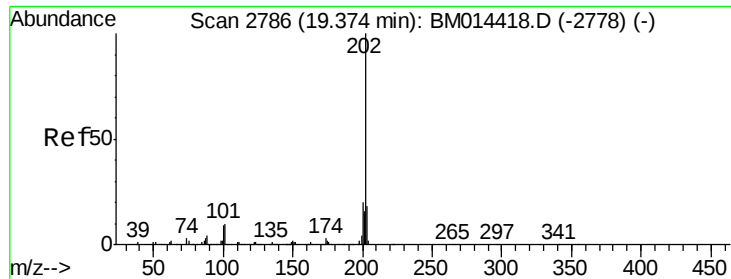
Acq: 01 Mar 2018 08:08

Tgt Ion:	202	Resp:	2900575
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#



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





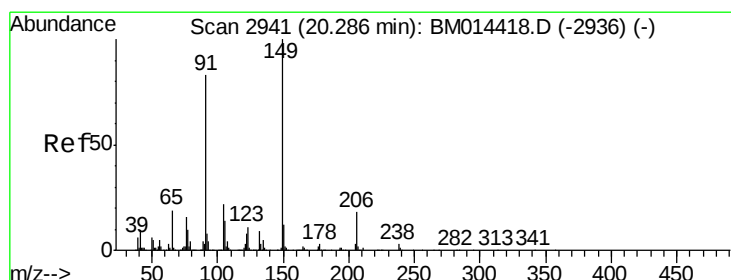
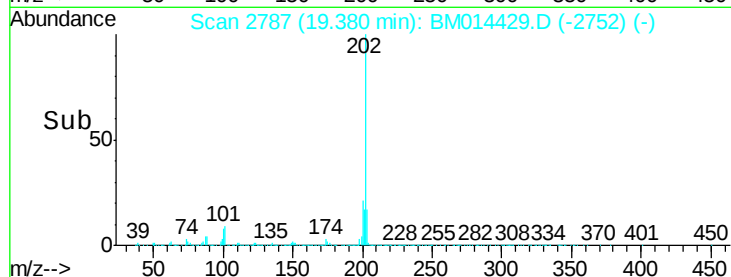
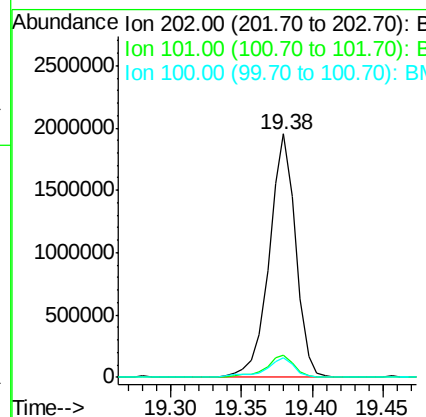
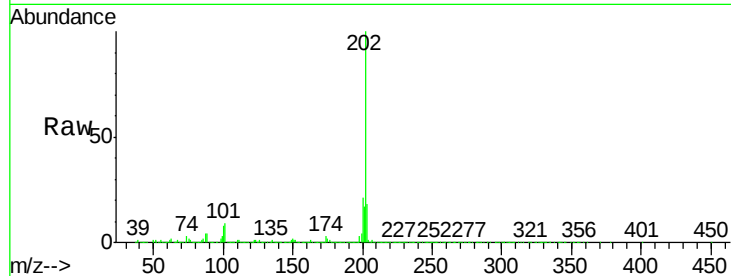
#77
Pvrene
Concen: 49.763 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2555992		
101	9.0		5.1	7.7#
100	8.0		4.9	7.3#

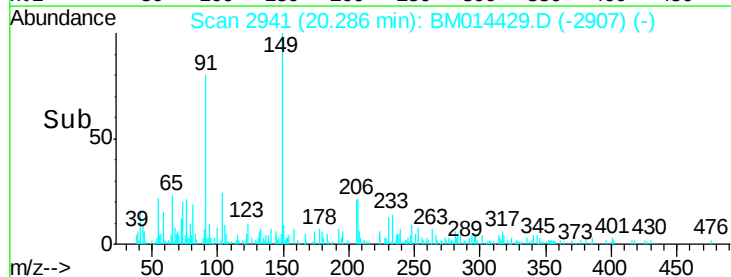
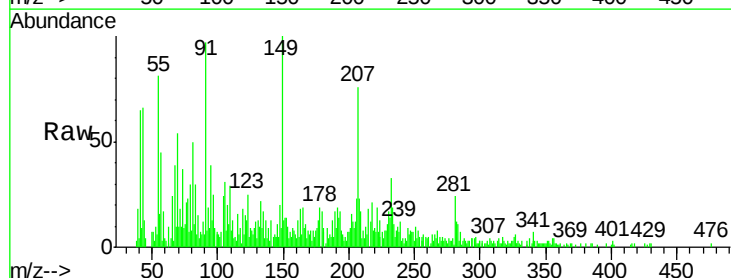
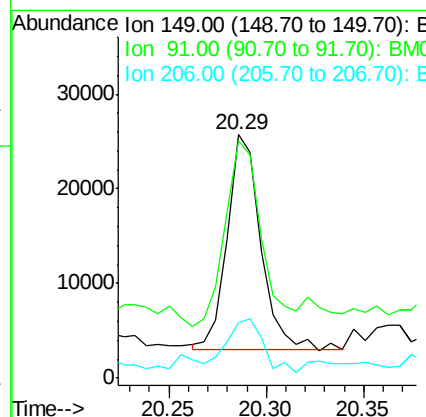
Manual Integrations
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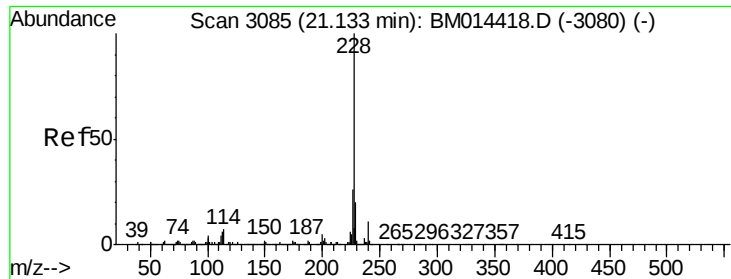
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#78
Butylbenzylphthalate
Concen: 1.291 ng/ul
RT: 20.29 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	27412		
91	97.5		62.7	94.1#
206	22.9		20.8	31.2





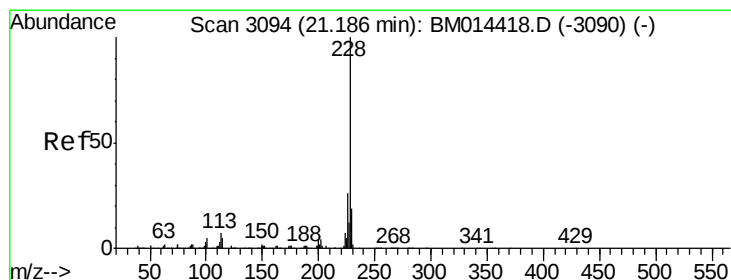
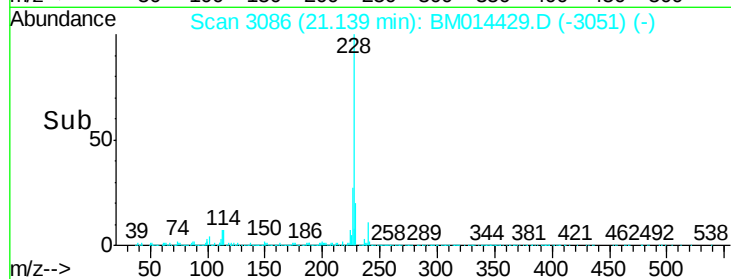
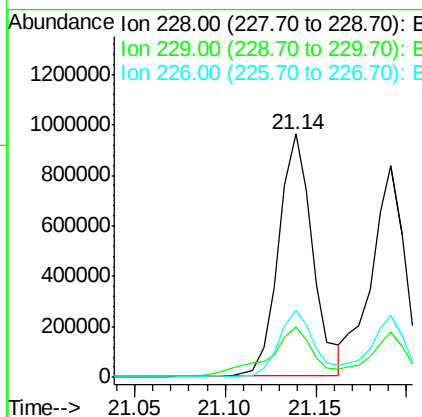
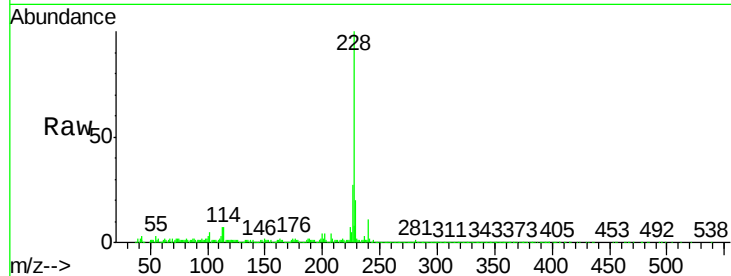
#80
Benzo(a)anthracene
Concen: 26.256 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tot Ion:228 Resp: 1266460
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.0
226 27.4 21.4 32.0

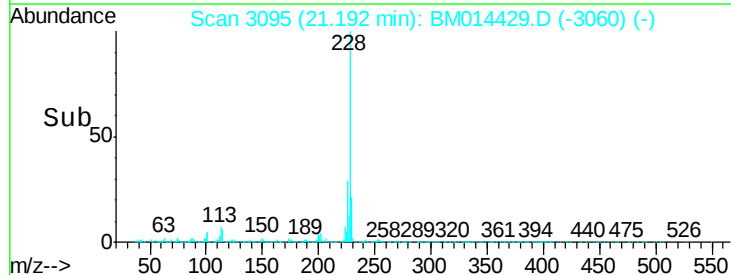
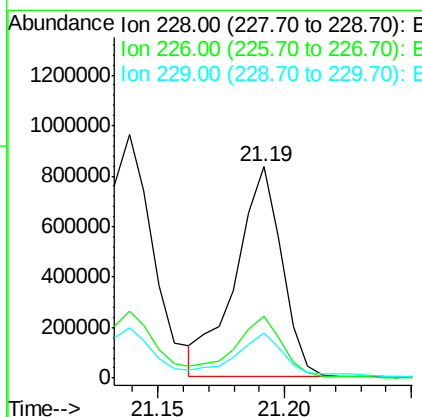
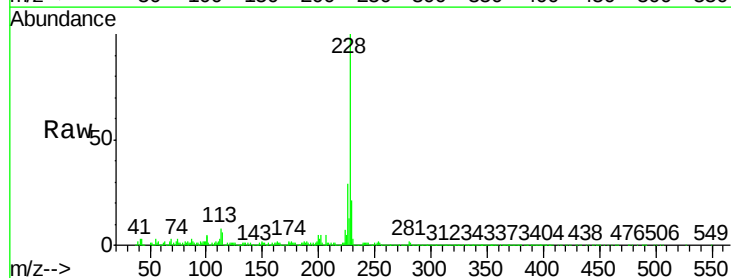
Manual Integrations
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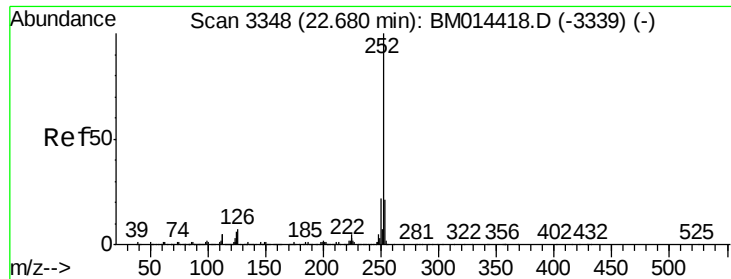
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3/1/2018 5:15:54 PM



#82
Chrysene
Concen: 23.453 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:228 Resp: 1055312
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.3 15.5 23.3





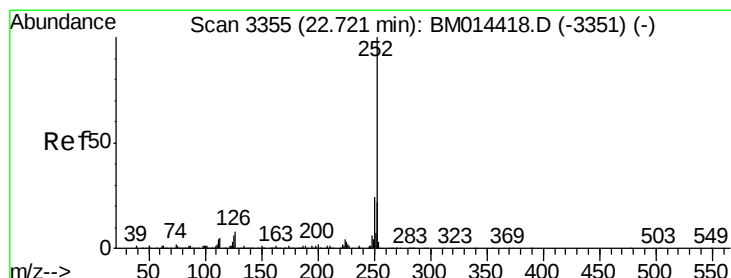
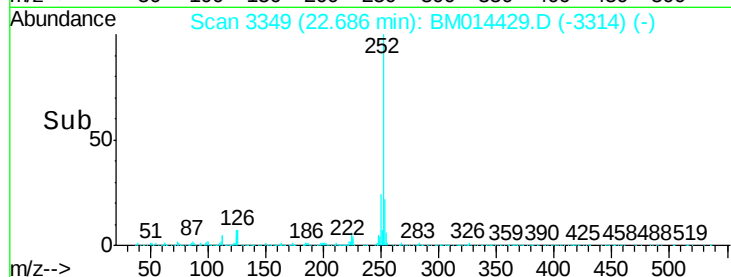
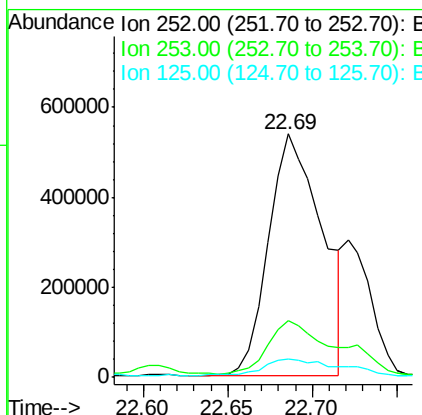
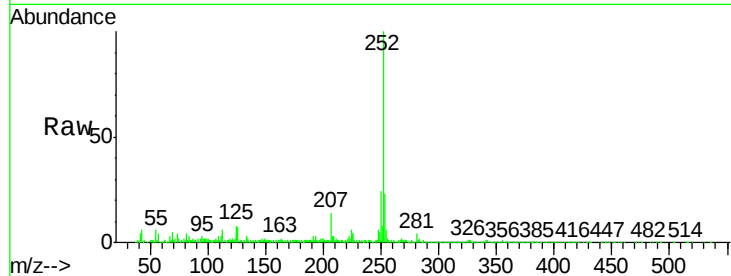
#85
Benzo(b)fluoranthene
Concen: 29.746 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampled :
BE5Z6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	7.6	3.6	5.4

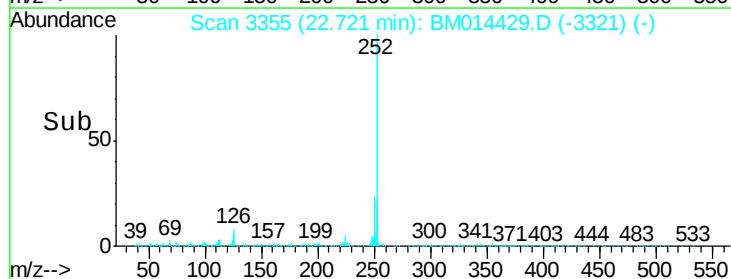
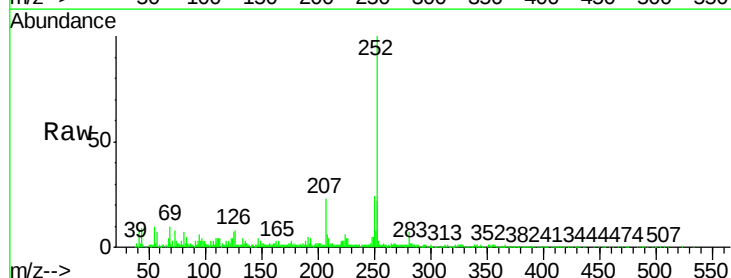
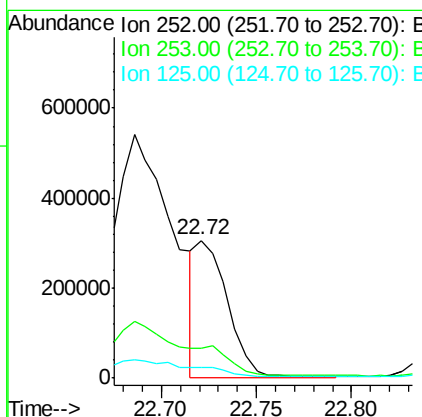
Manual Integrations
APPROVED

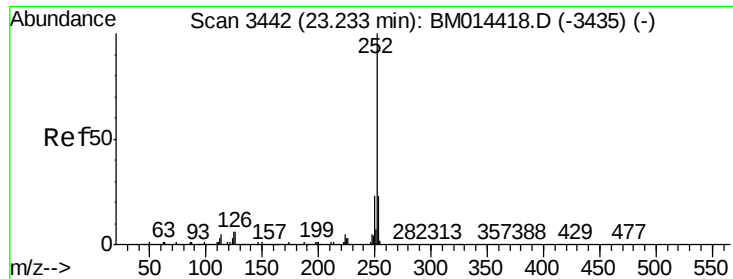
Sohil
3/1/2018 5:15:54 PM



#86
Benzo(k)fluoranthene
Concen: 9.343 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.4	3.4	5.2





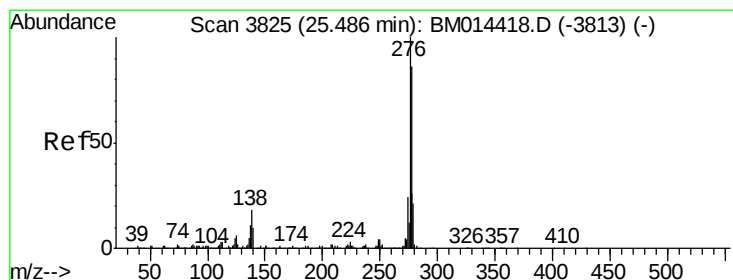
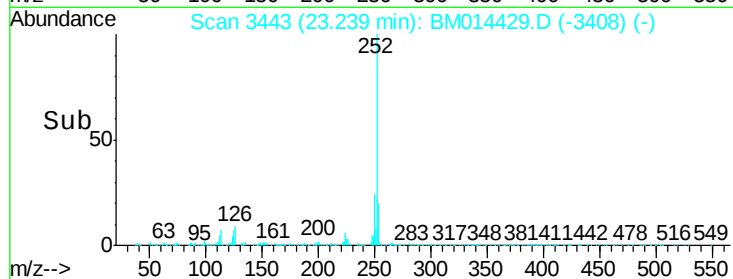
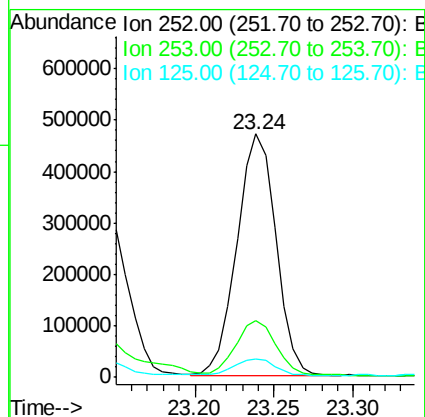
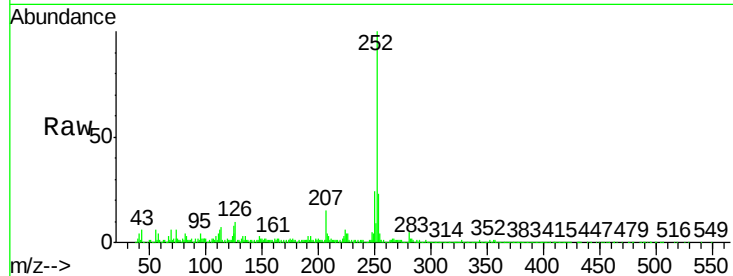
#88
Benzo(a)pyrene
Concen: 22.711 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.2	27.2
125	7.7	4.0	6.0

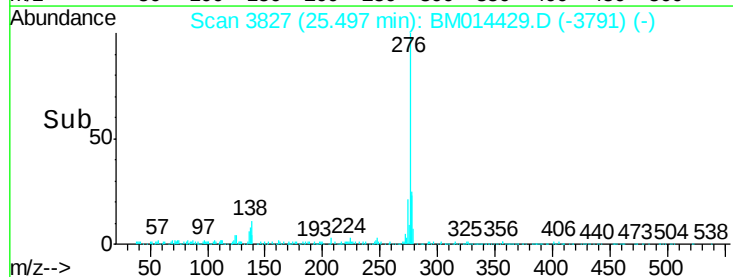
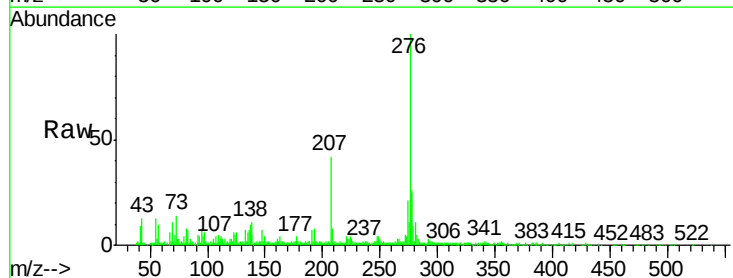
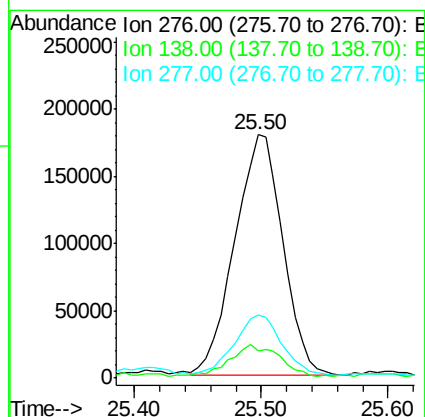
Manual Integrations
APPROVED

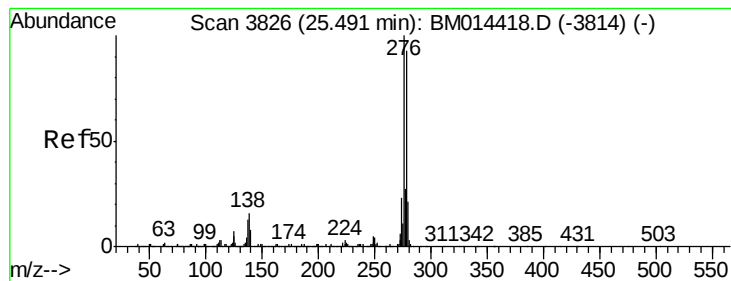
Sohil
3/1/2018 5:15:54 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 13.629 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	11.5	9.3	13.9
277	25.7	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 4.965 ng/ul

RT: 25.49 min Scan# 3826

Delta R.T. 0.00 min

Lab File: BM014429.D

Acq: 01 Mar 2018 08:08

Instrument :

BNA_M

ClientSampleId :

BE5Z6

Tot Ion:278 Resp: 142451

Ion Ratio Lower Upper

278 100

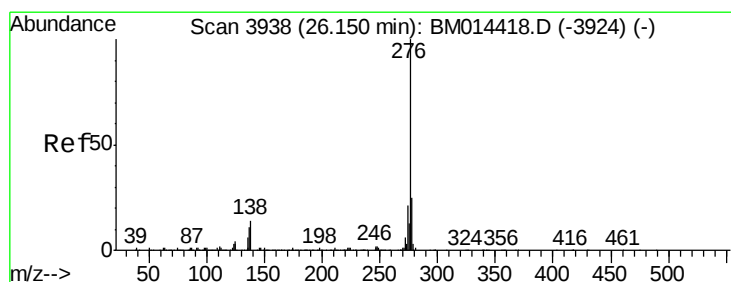
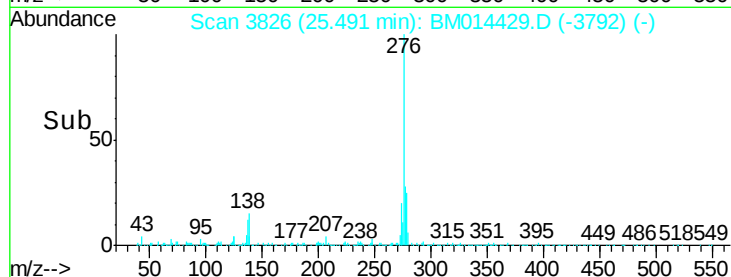
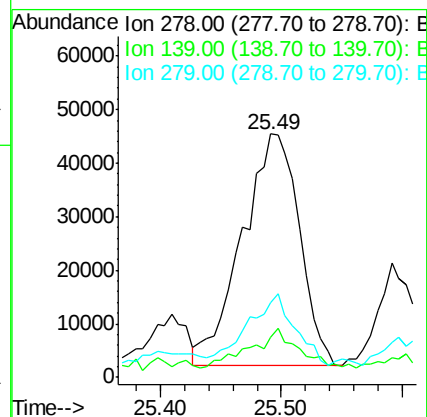
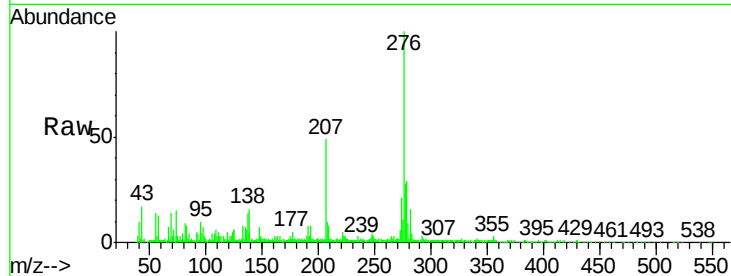
139 16.5 5.8 8.8#

279 30.8 18.6 27.8#

Manual Integrations
APPROVED

Sohil

3/1/2018 5:15:54 PM



#91

Benzo(g,h,i)perylene

Concen: 15.419 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BM014429.D

Acq: 01 Mar 2018 08:08

Tgt Ion:276 Resp: 431294

Ion Ratio Lower Upper

276 100

138 14.8 8.5 12.7#

277 25.6 18.6 28.0

