

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017344.D
 Acq On : 25 Oct 2018 15:11
 Operator : MJ/SJ
 Sample : J5598-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AD8DL

Manual Integrations
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Quant Time: Oct 26 01:32:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	303367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1431198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	871610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2034188	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2358403	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2268618	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4567	0.69	ng/uL	0.00
5) Phenol-d5	6.84	99	86387	3.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	55762	3.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	72040	3.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	68405	3.12	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	35065	3.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	38086	3.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	67501	2.90	ng/ul	0.01
29) 4-Chloroaniline-d4	10.58	131	56400m	2.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	257832	3.45	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	304273	3.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	26805m	1.92	ng/ul	0.02
58) Fluorene-d10	15.29	176	233204	3.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	28638	2.02	ng/ul	0.00
71) Anthracene-d10	17.14	188	373760	3.71	ng/ul	0.00
79) Pyrene-d10	19.44	212	435764	3.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	458099	3.82	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.47	128	102578	1.370 ng/ul	99
48) Acenaphthylene	14.02	152	397953	4.672 ng/ul	100
70) Phenanthrene	17.09	178	397245	3.401 ng/ul	100
72) Anthracene	17.18	178	883623	7.448 ng/ul	98
75) Carbazole	17.46	167	204312	1.969 ng/ul	98
77) Fluoranthene	19.12	202	3775496	28.197 ng/ul	99
80) Pyrene	19.48	202	5362797	39.158 ng/ul	98
83) Benzo(a)anthracene	21.23	228	2847720	19.732 ng/ul	95
85) Chrysene	21.29	228	4108102	29.935 ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	8274446	62.310 ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2966972	22.873 ng/ul	97
91) Benzo(a)pyrene	23.36	252	3411942	26.300 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2880003	18.245 ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	729389	5.534 ng/ul#	83
94) Benzo(g,h,i)perylene	26.34	276	2223011	16.578 ng/ul	99

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

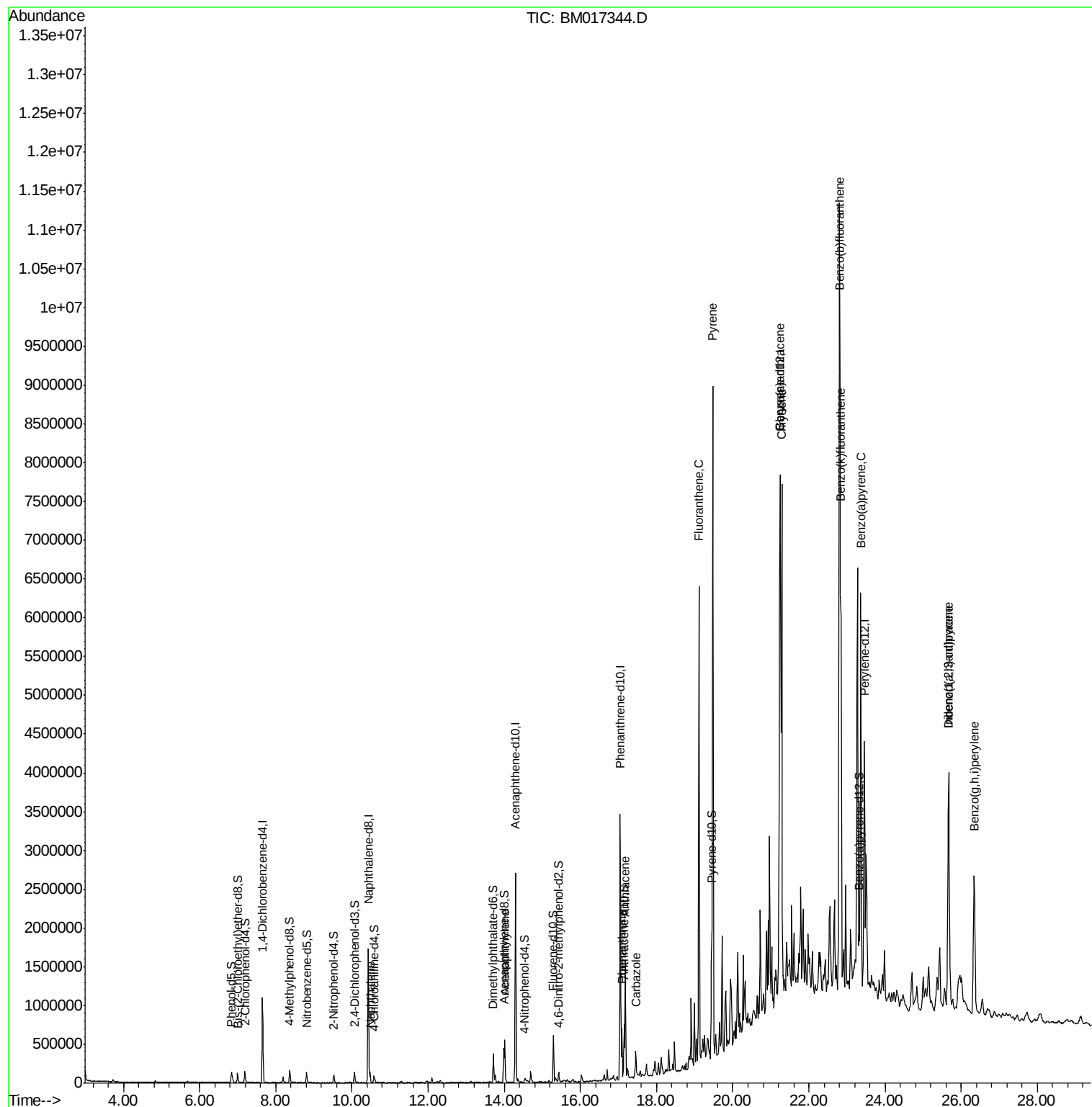
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017344.D
Acq On : 25 Oct 2018 15:11
Operator : MJ/SJ
Sample : J5598-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

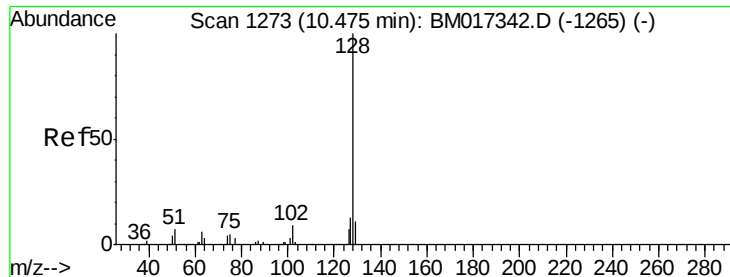
Instrument :
BNA_M
ClientSampleId :
C0AD8DL

Quant Time: Oct 26 01:32:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

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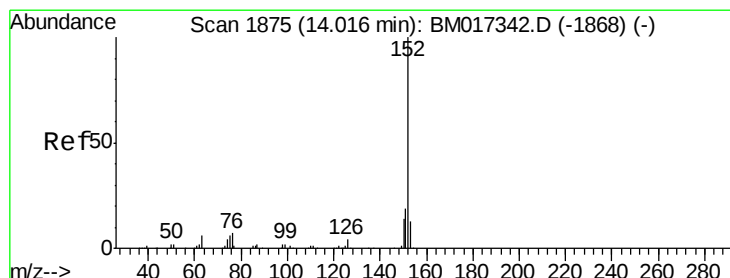
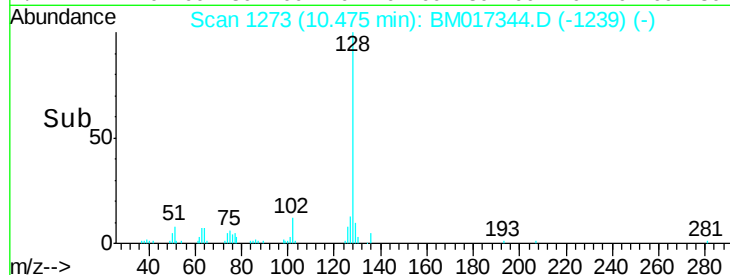
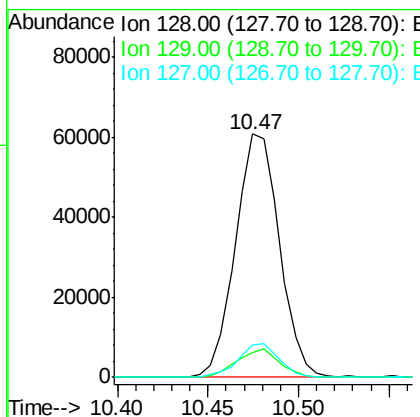
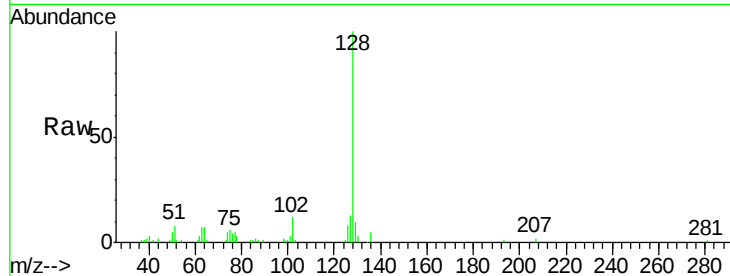
#28
Naphthalene
Concen: 1.370 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM017344.D
Acq: 25 Oct 2018 15:11

Instrument :
BNA_M
ClientSampleId :
C0AD8DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.1	10.3	15.5

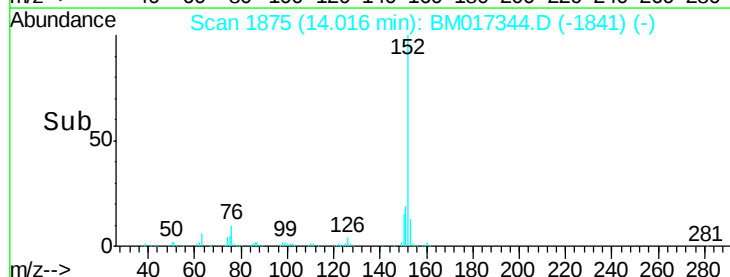
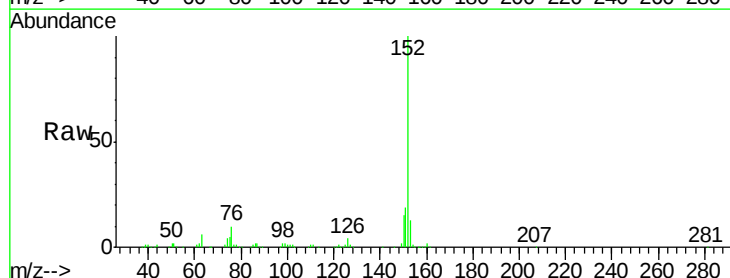
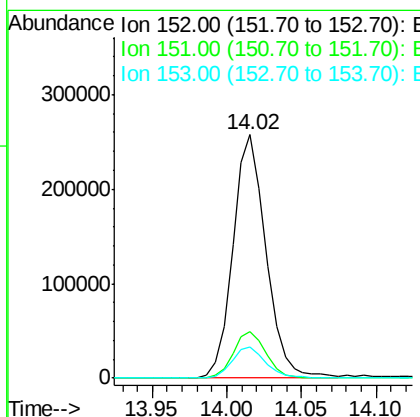
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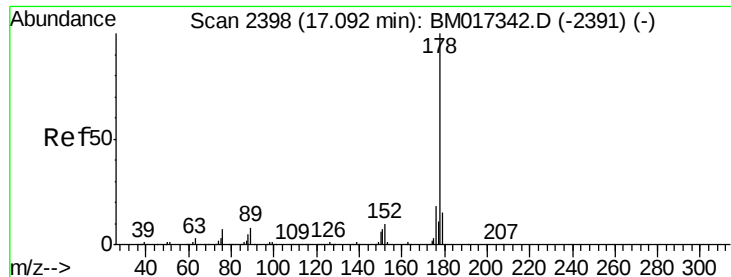
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#48
Acenaphthylene
Concen: 4.672 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM017344.D
Acq: 25 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	12.7	10.2	15.4





#70

Phenanthrene

Concen: 3.401 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

Instrument :

BNA_M

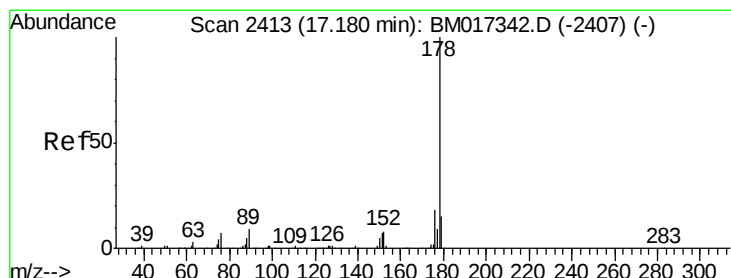
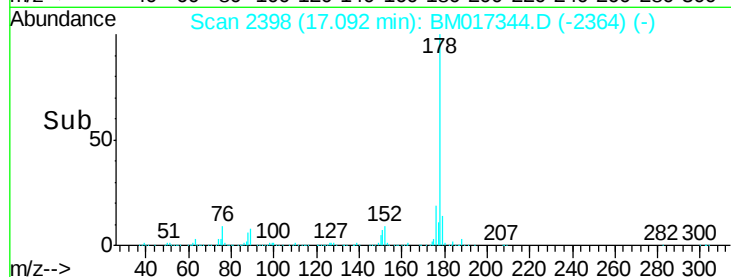
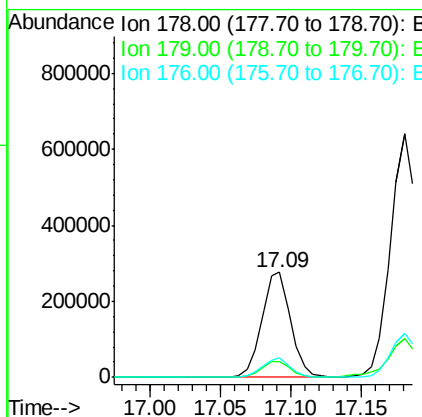
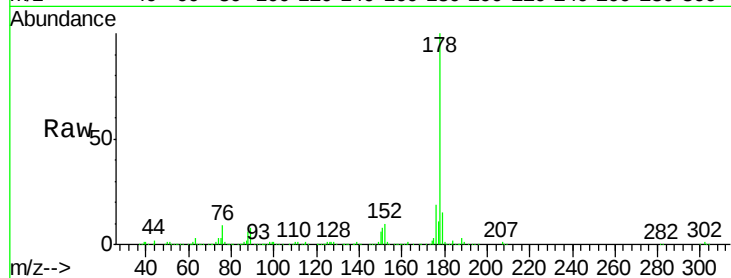
ClientSampleId :

C0AD8DL

Tgt Ion:	178	Resp:	397245
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.2
176	18.6	14.9	22.3

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#72

Anthracene

Concen: 7.448 ng/ul

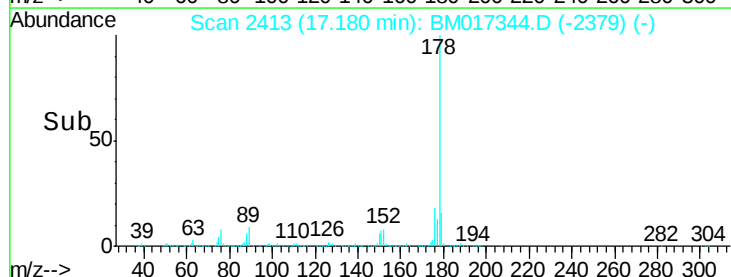
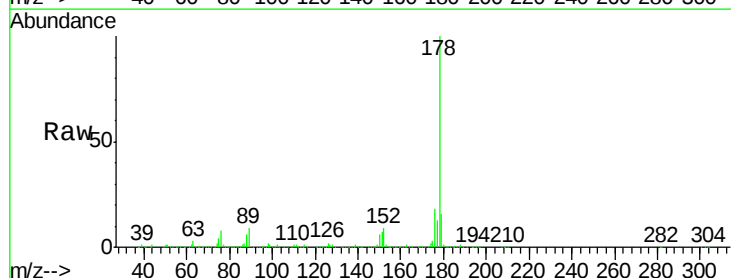
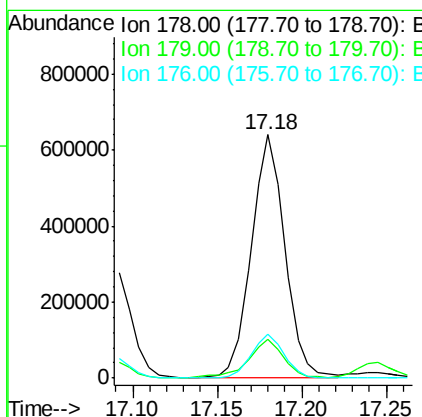
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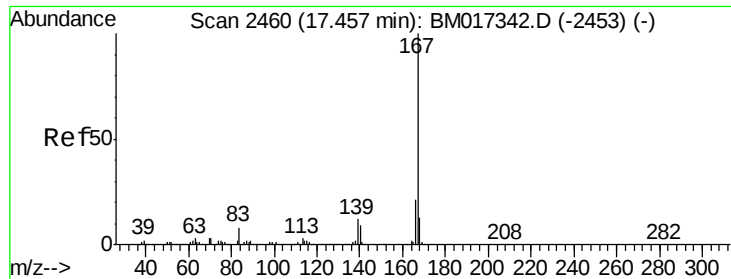
Delta R.T. 0.00 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

Tgt Ion:	178	Resp:	883623
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	18.3	14.2	21.2





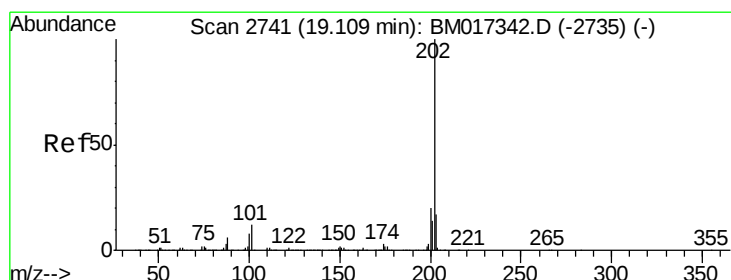
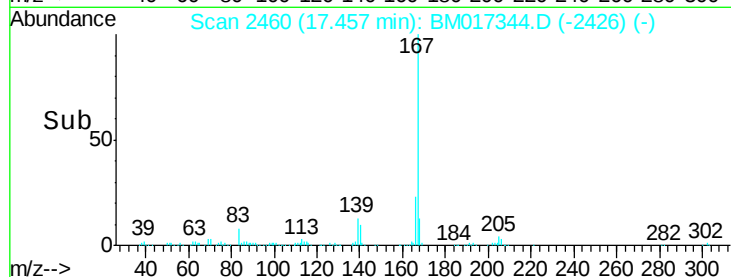
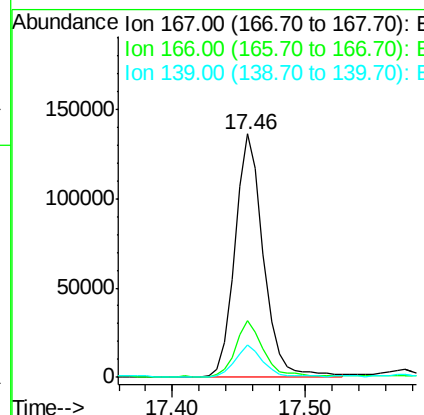
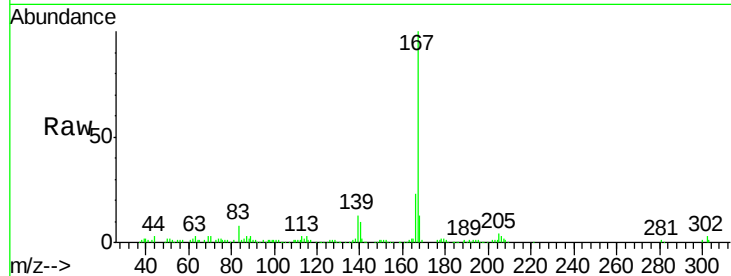
#75
 Carbazole
 Concen: 1.969 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM017344.D
 Acq: 25 Oct 2018 15:11

Instrument :
 BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
167	100	204312		
166	23.3	17.5	26.3	
139	13.1	10.0	15.0	

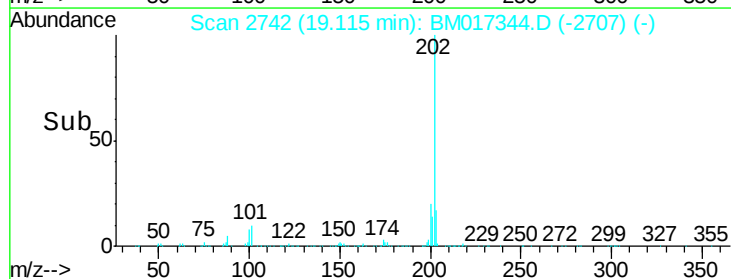
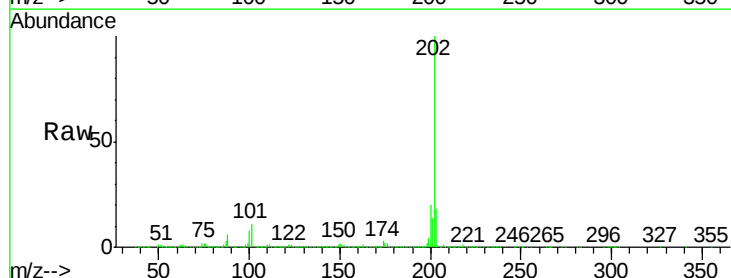
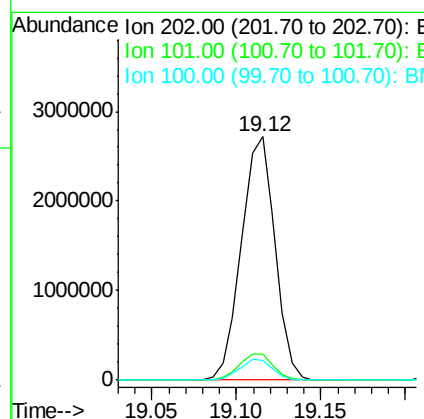
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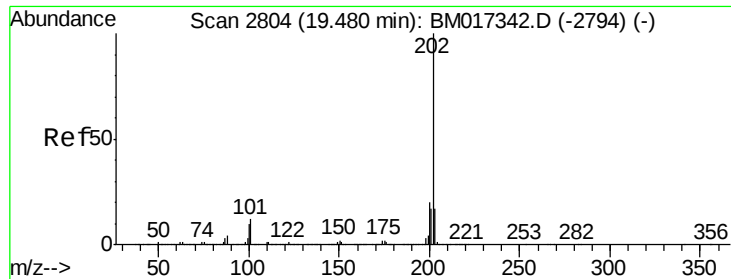
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#77
 Fluoranthene
 Concen: 28.197 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.01 min
 Lab File: BM017344.D
 Acq: 25 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3775496		
101	10.8	8.2	12.4	
100	8.1	6.3	9.5	





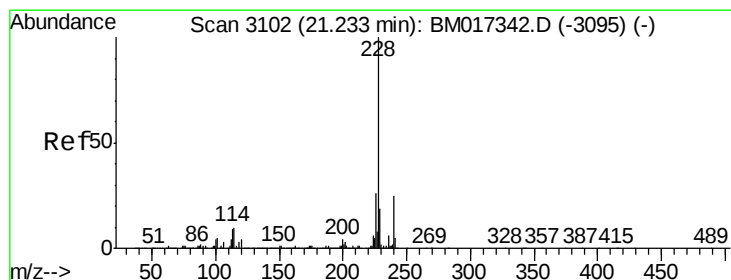
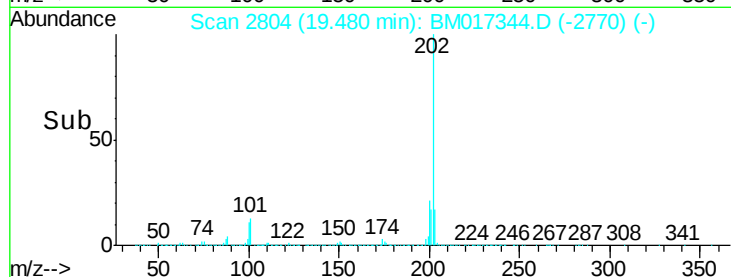
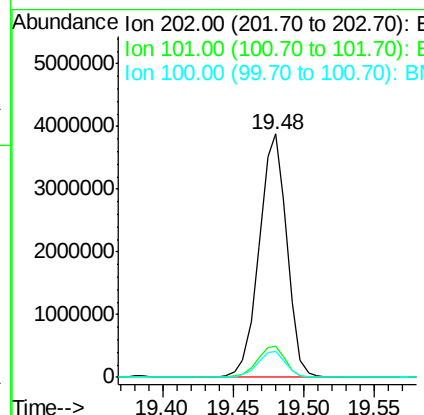
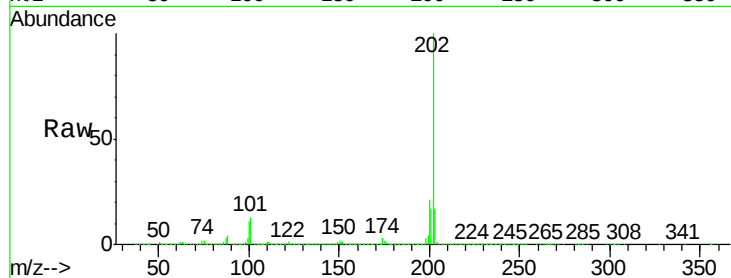
#80
 Pyrene
 Concen: 39.158 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM017344.D
 Acq: 25 Oct 2018 15:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AD8DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	10.5	8.1	12.1

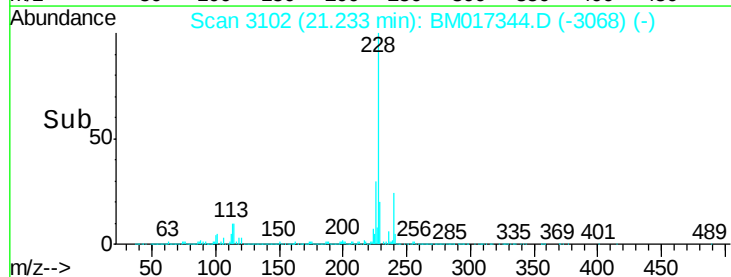
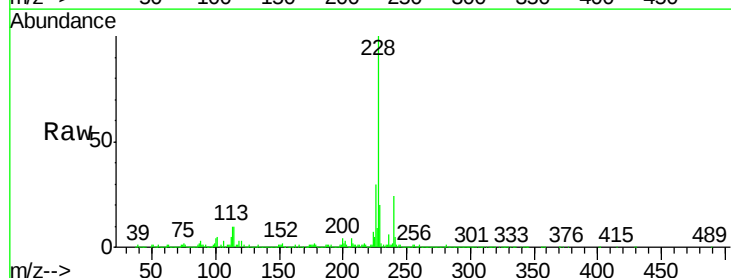
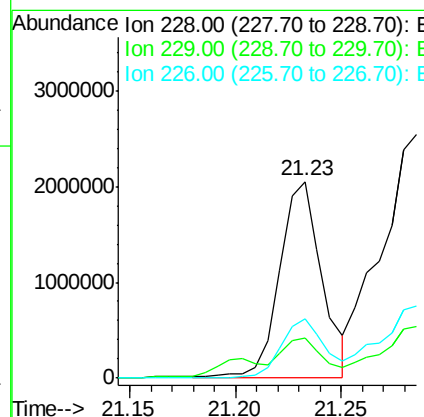
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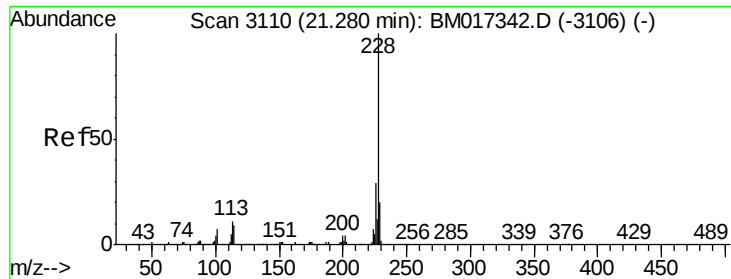
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#83
 Benzo(a)anthracene
 Concen: 19.732 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM017344.D
 Acq: 25 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	30.0	20.8	31.2





#85

Chrysene

Concen: 29.935 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

Instrument :

BNA_M

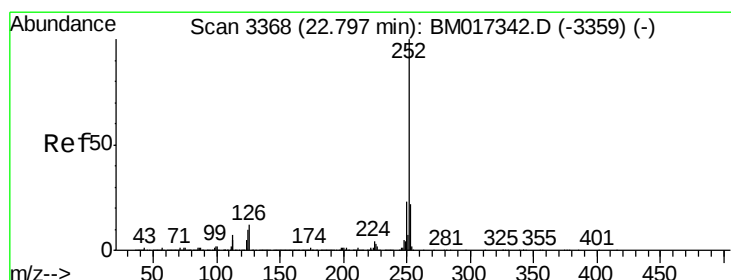
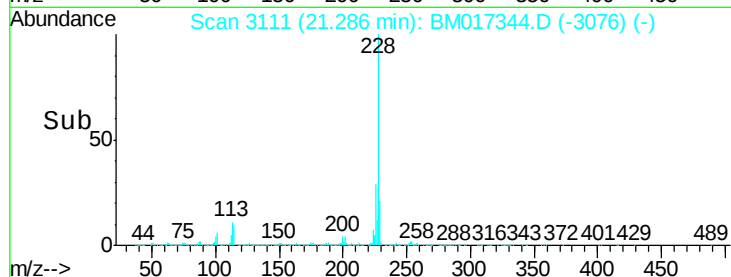
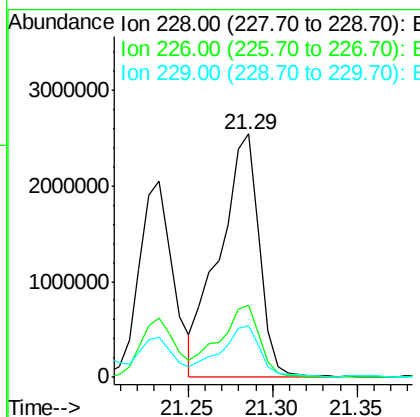
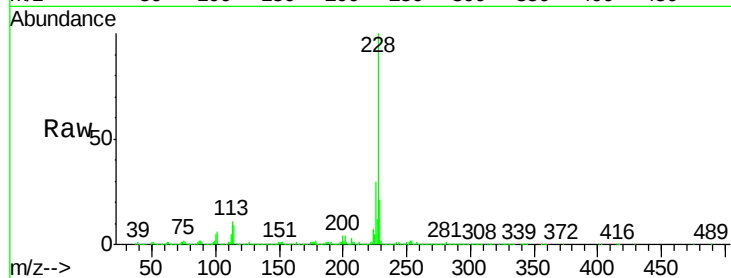
ClientSampleId :

C0AD8DL

Tgt Ion:	228	Resp:	4108102
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	21.0	15.6	23.4

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#88

Benzo(b)fluoranthene

Concen: 62.310 ng/ul

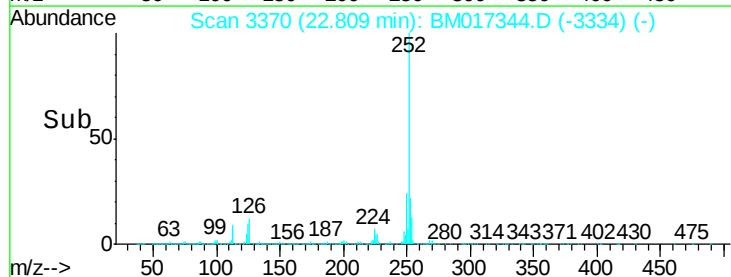
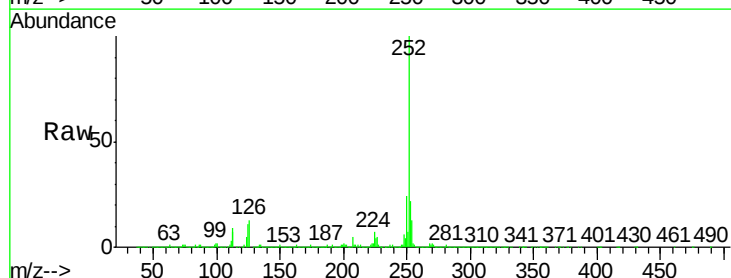
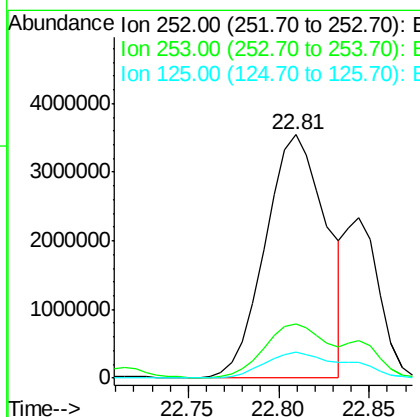
RT: 22.81 min Scan# 3370

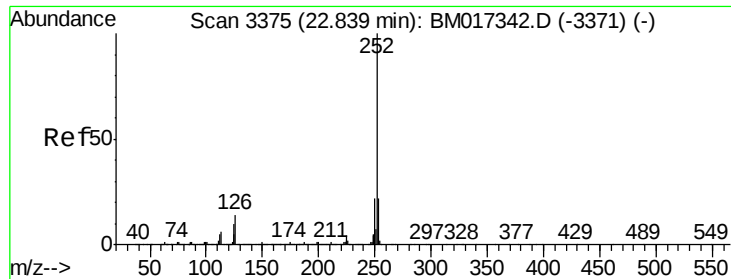
Delta R.T. 0.01 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

Tgt Ion:	252	Resp:	8274446
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	7.2	10.8





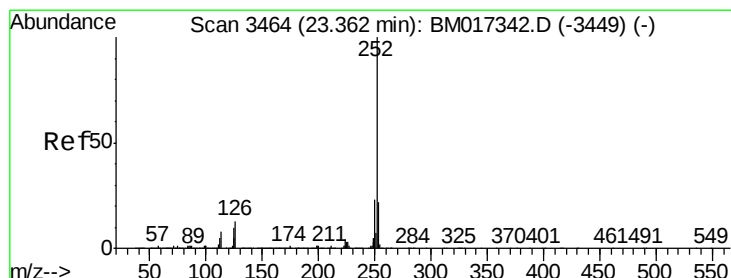
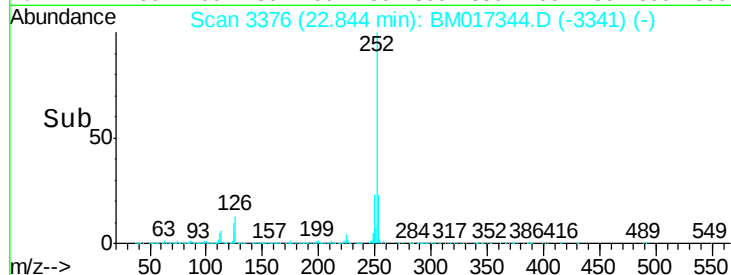
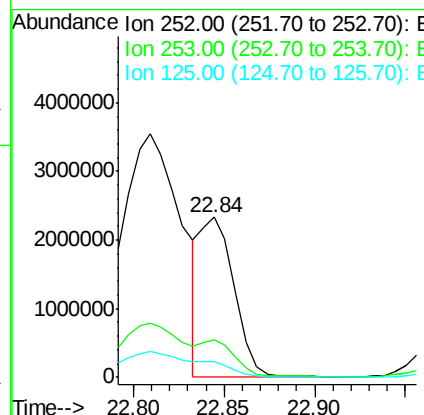
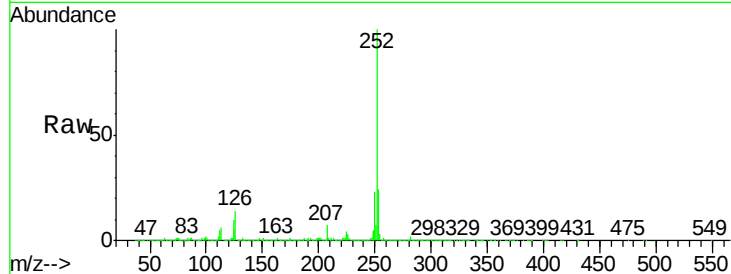
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Benzo(k)fluoranthene
Concen: 22.873 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM017344.D
Acq: 25 Oct 2018 15:11

Instrument :
BNA_M
ClientSampleId :
C0AD8DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	10.1	7.8	11.6

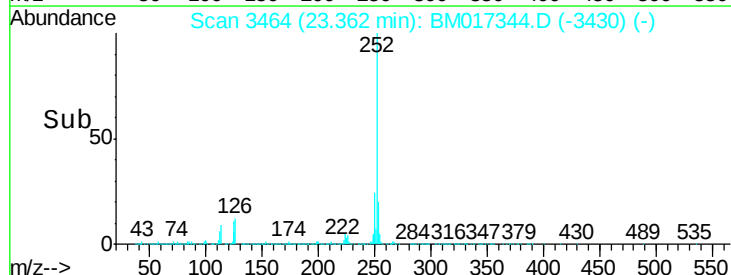
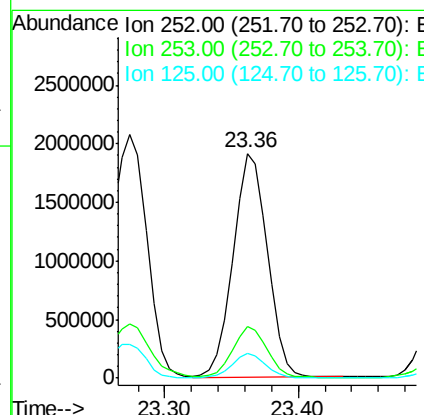
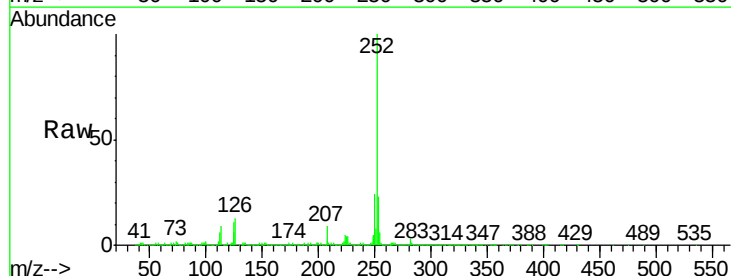
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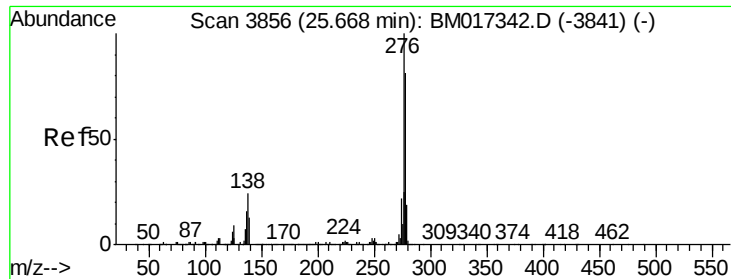
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#91
Benzo(a)pyrene
Concen: 26.300 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BM017344.D
Acq: 25 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	11.2	8.3	12.5





#92

Indeno(1,2,3-cd)pyrene

Concen: 18.245 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. 0.00 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

Instrument :

BNA_M

ClientSampleId :

C0AD8DL

Tgt Ion:276 Resp: 2880003

Ion Ratio Lower Upper

276 100

138 19.6 18.1 27.1

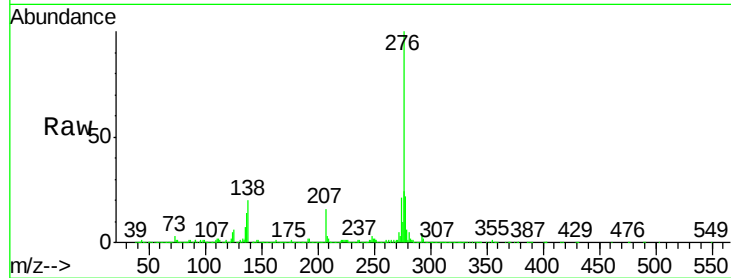
277 24.1 19.6 29.4

Manual Integrations

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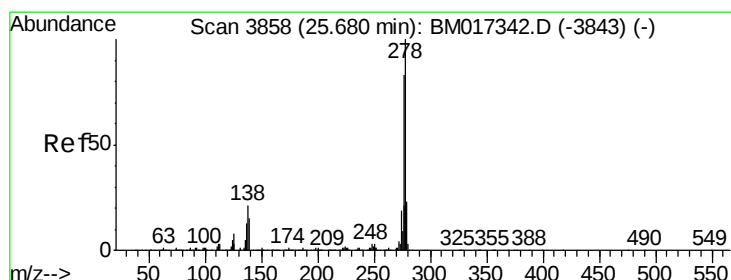
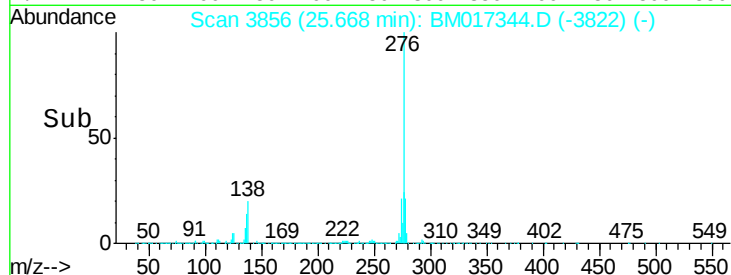
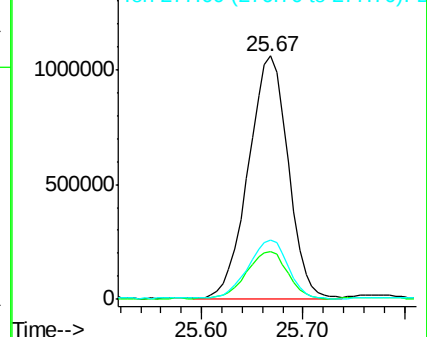
10/26/2018 3:48:37 PM



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



#93

Dibenzo(a,h)anthracene

Concen: 5.534 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.01 min

Lab File: BM017344.D

Acq: 25 Oct 2018 15:11

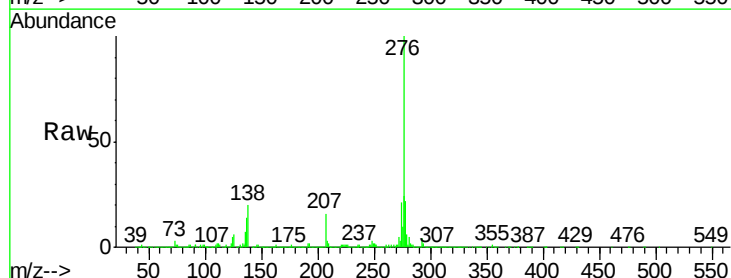
Tgt Ion:278 Resp: 729389

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

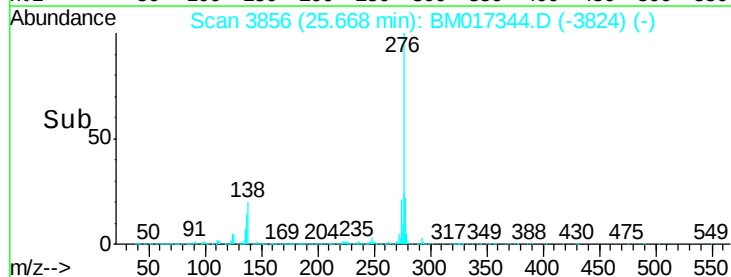
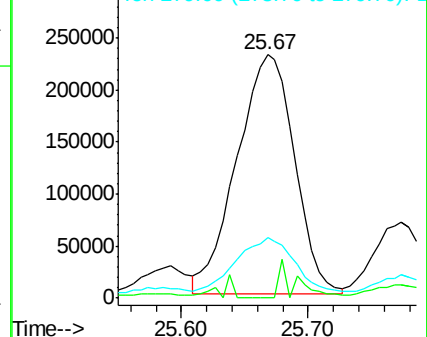
279 24.9 19.0 28.4

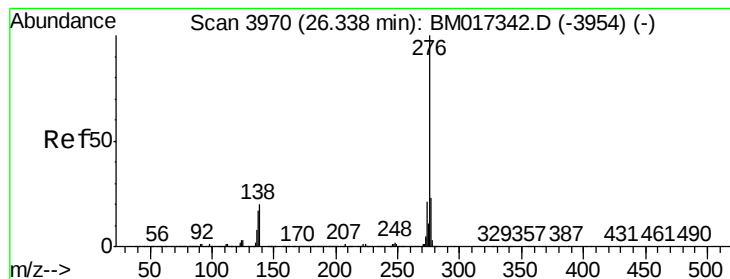


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 16.578 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.01 min

Lab File: BM017344.D

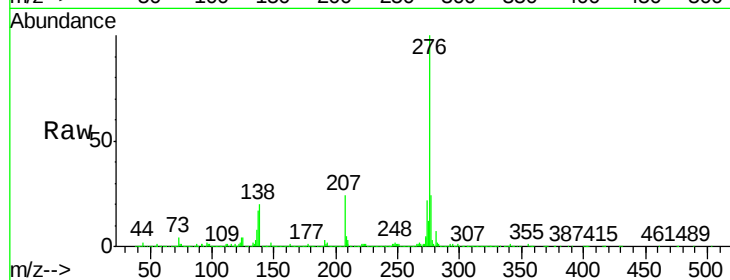
Acq: 25 Oct 2018 15:11

Instrument :

BNA_M

ClientSampleId :

C0AD8DL



Tgt Ion: 276 Resp: 2223011

Ion Ratio Lower Upper

276 100

138 20.1 16.6 25.0

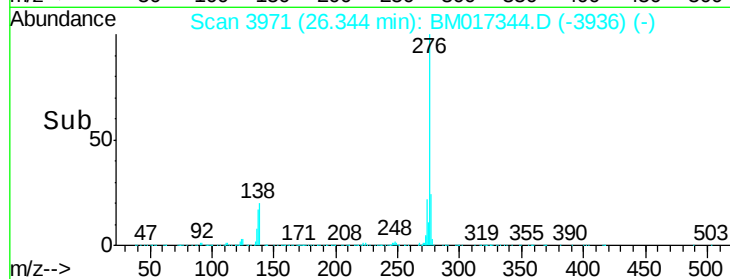
277 24.3 18.9 28.3

Manual Integrations

APPROVED

Sohil

10/26/2018 3:48:37 PM



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

