

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017337.D
 Acq On : 25 Oct 2018 03:09
 Operator : MJ/SJ
 Sample : J5598-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

Sohil
 10/25/2018 3:34:30 PM

Quant Time: Oct 25 08:36:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 25 02:39:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	323534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1486190	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	875058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2023944	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2298903	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2151200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18257	2.60	ng/uL	0.00
5) Phenol-d5	6.83	99	504003	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	286302	16.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	415240	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	390062	16.69	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	203740	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	234923	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	415811	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	382517	19.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1290874	17.20	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1617867	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	194551	13.88	ng/ul	0.00
58) Fluorene-d10	15.29	176	1117437	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	192512	13.65	ng/ul	0.00
71) Anthracene-d10	17.14	188	1762570	17.59	ng/ul	0.00
79) Pyrene-d10	19.45	212	1995694	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2057765	18.11	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.86	94	161969	5.519	ng/ul	99
28) Naphthalene	10.48	128	894694	11.508	ng/ul	100
34) 2-Methylnaphthalene	12.10	142	270812	4.740	ng/ul	97
45) Dimethylphthalate	13.76	163	331311	4.557	ng/ul	99
48) Acenaphthylene	14.02	152	404215	4.727	ng/ul	99
54) Dibenzofuran	14.70	168	385699	4.447	ng/ul	96
70) Phenanthrene	17.09	178	1388687	11.949	ng/ul	100
72) Anthracene	17.18	178	1485095	12.581	ng/ul	100
75) Carbazole	17.46	167	492779	4.774	ng/ul	99
77) Fluoranthene	19.12	202	5241089	39.341	ng/ul	98
80) Pyrene	19.48	202	5677098	42.526	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2959897	21.040	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	111268	1.429	ng/ul	98
85) Chrysene	21.29	228	3951315	29.537	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	7962098	63.231	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	2289102m	18.610	ng/ul	
91) Benzo(a)pyrene	23.37	252	3285248	26.705	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2727282	18.221	ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	636785m	5.095	ng/ul	
94) Benzo(g,h,i)perylene	26.34	276	2110058	16.594	ng/ul	99

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

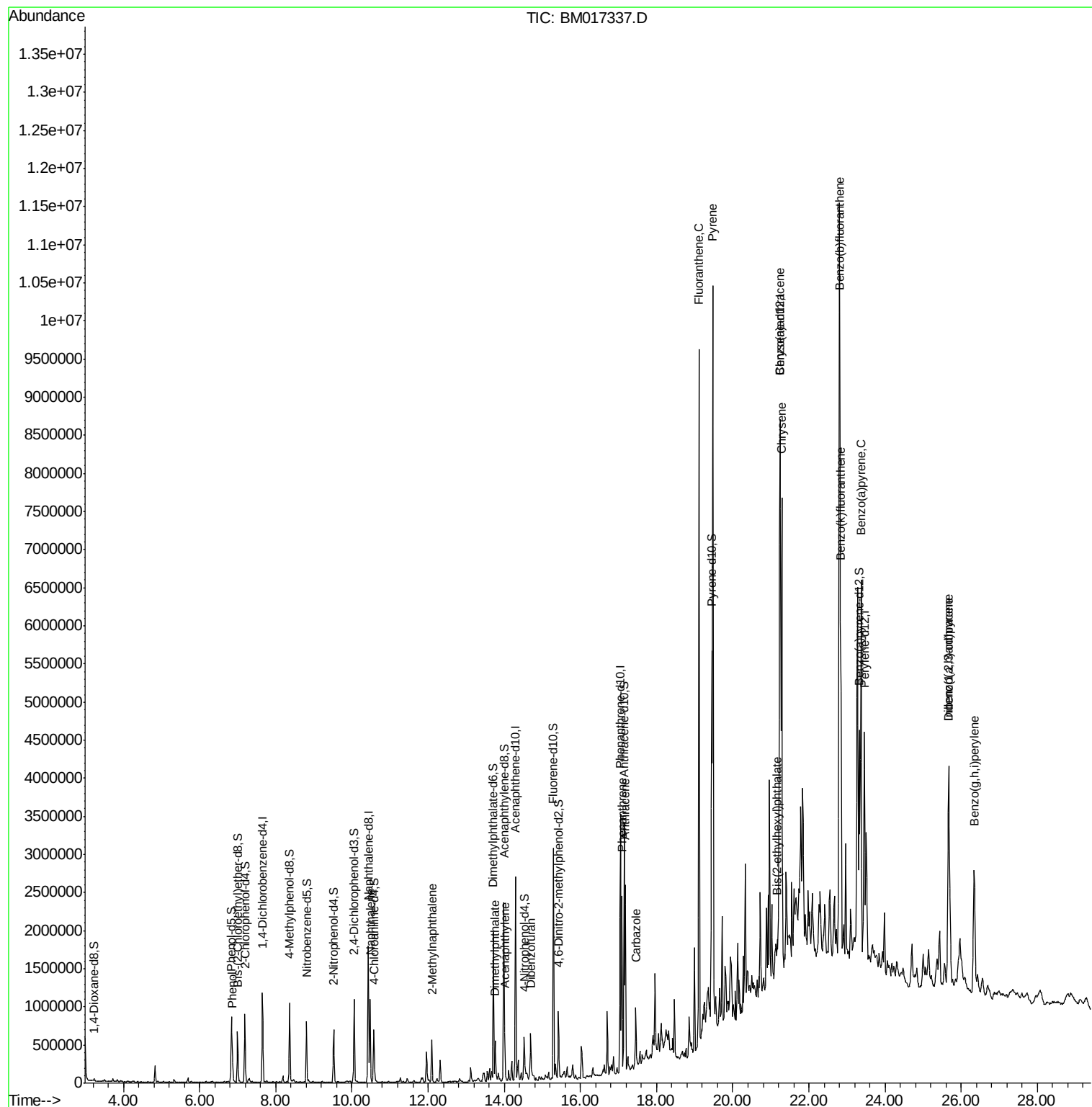
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017337.D
Acq On : 25 Oct 2018 03:09
Operator : MJ/SJ
Sample : J5598-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

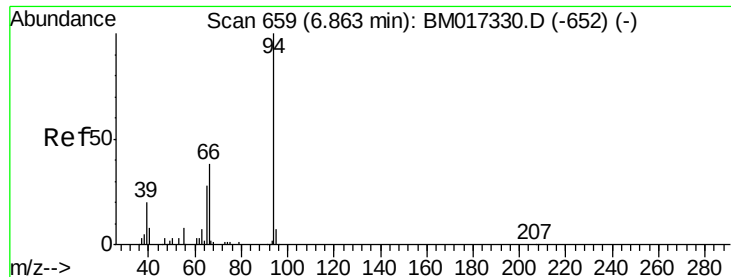
Instrument :
BNA_M
ClientSampleId :
C0AE4

Quant Time: Oct 25 08:36:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Manual Integrations
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#6

Phenol

Concen: 5.519 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

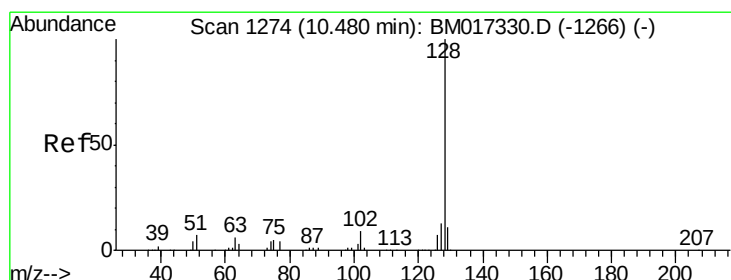
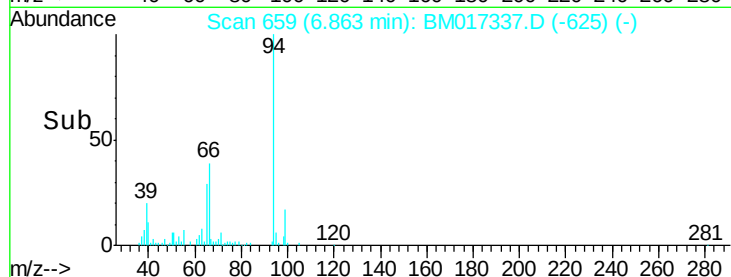
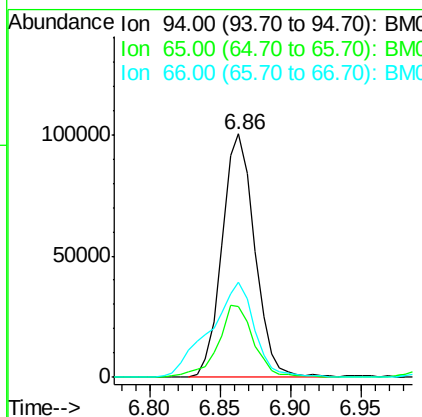
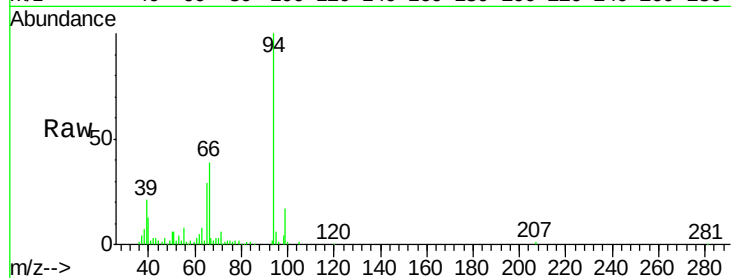
ClientSampled :

C0AE4

Tgt Ion:	94	Resp:	161969
Ion	Ratio	Lower	Upper
94	100		
65	29.2	24.0	36.0
66	39.1	31.1	46.7

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#28

Naphthalene

Concen: 11.508 ng/ul

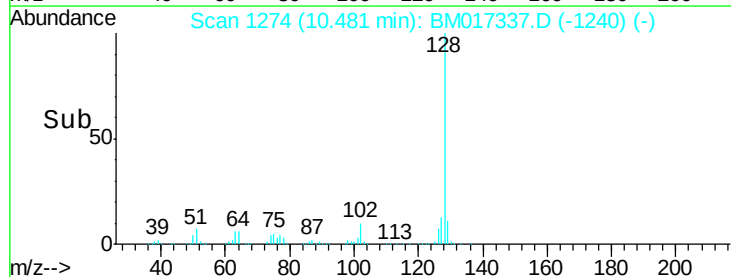
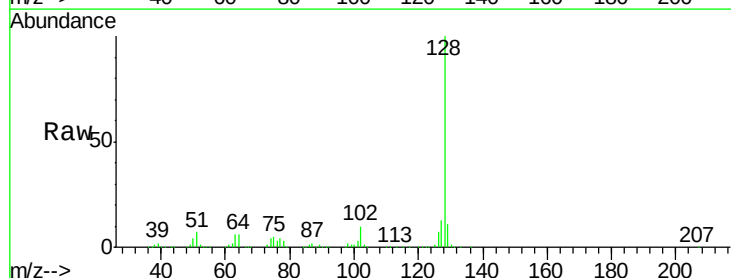
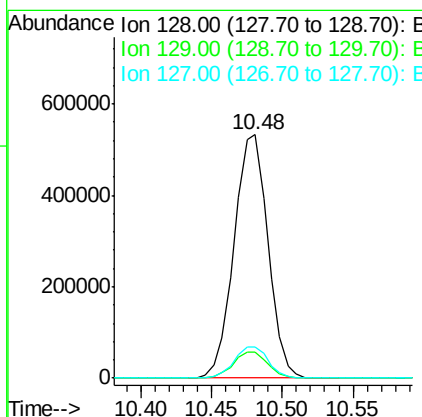
RT: 10.48 min Scan# 1274

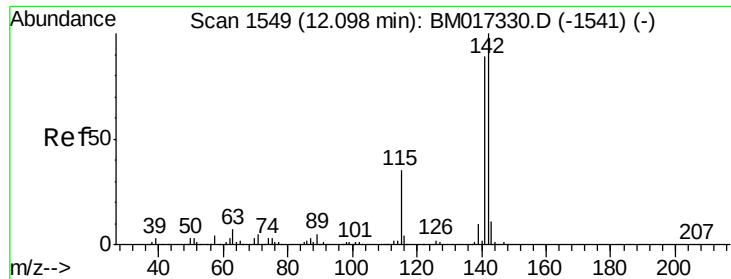
Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion:	128	Resp:	894694
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.3	15.5





#34

2-Methylnaphthalene

Concen: 4.740 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C0AE4

Tgt Ion:142 Resp: 270812

Ion Ratio Lower Upper

142 100

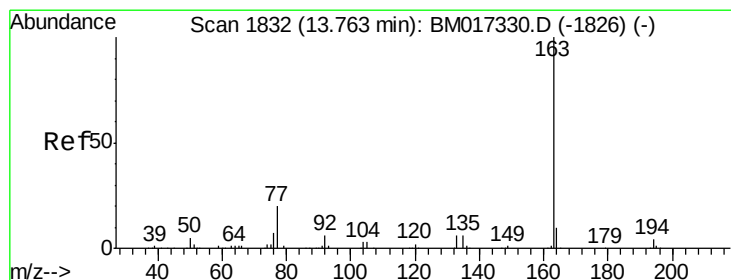
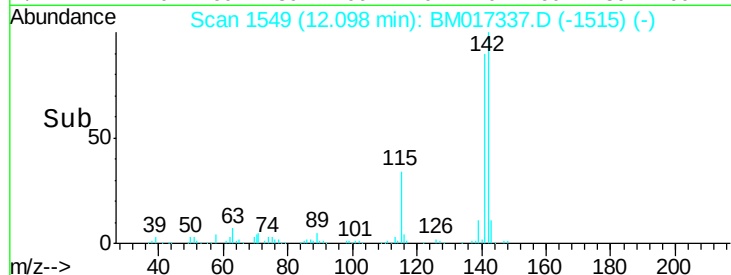
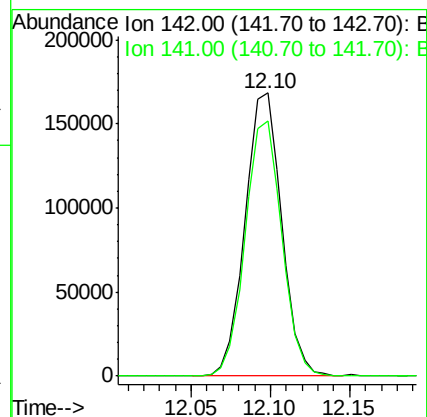
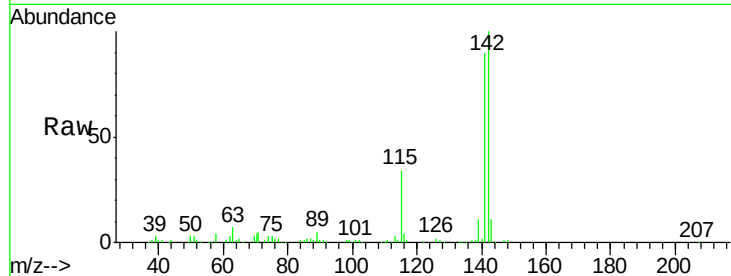
141 90.4 70.4 105.6

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#45

Dimethylphthalate

Concen: 4.557 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

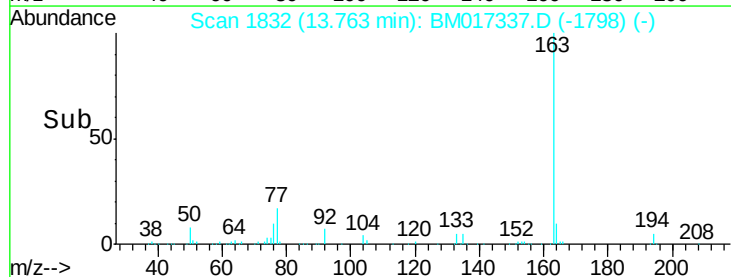
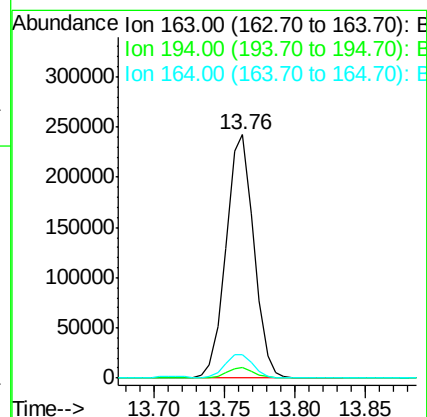
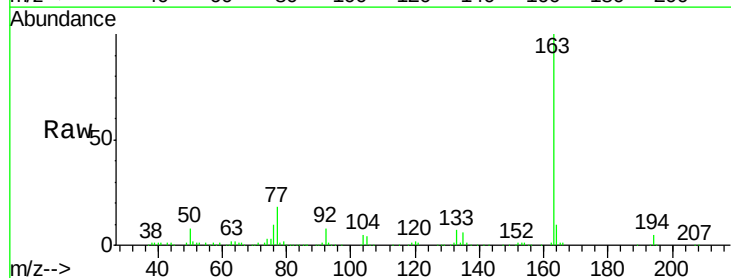
Tgt Ion:163 Resp: 331311

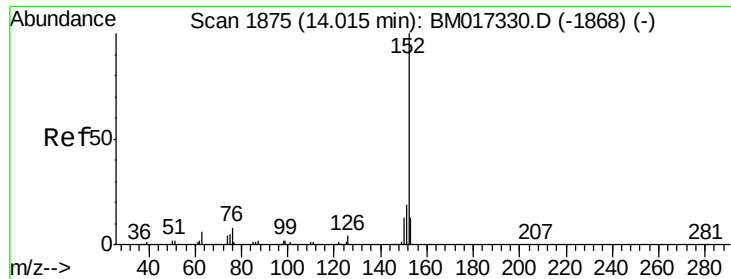
Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

164 9.8 8.1 12.1





#48

Acenaphthylene

Concen: 4.727 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

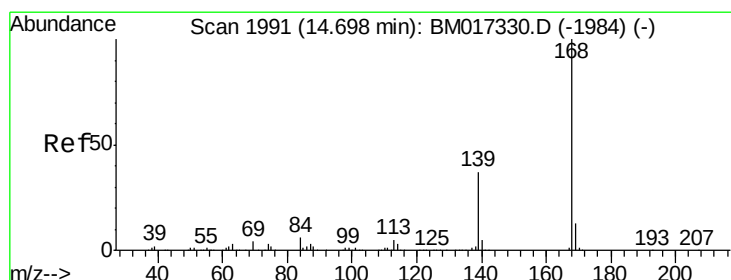
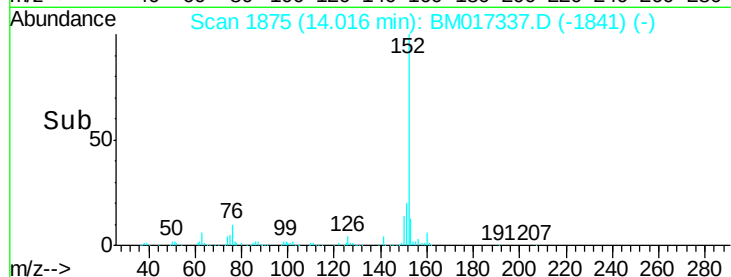
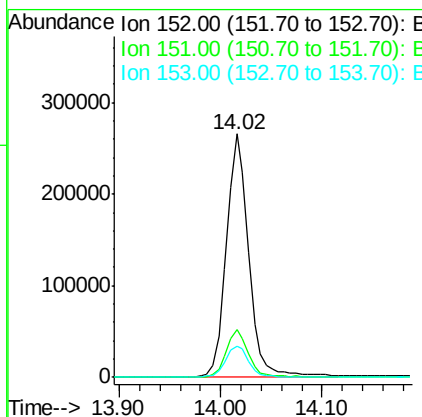
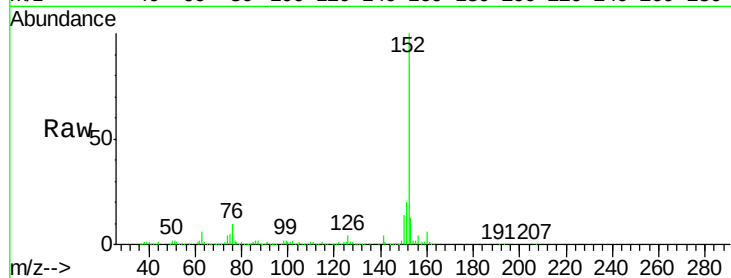
ClientSampleId :

C0AE4

Tgt Ion:	152	Resp:	404215
Ion Ratio		Lower	Upper
152	100		
151	19.5	15.3	22.9
153	13.0	10.2	15.4

Manual Integrations
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#54

Dibenzofuran

Concen: 4.447 ng/ul

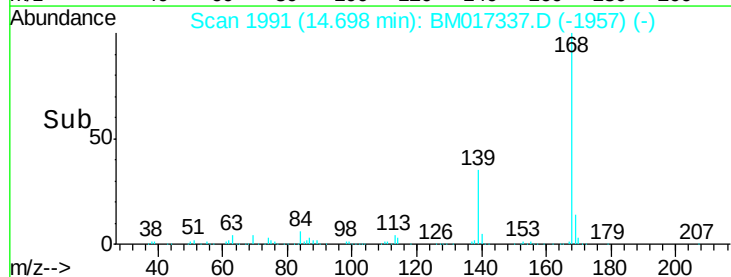
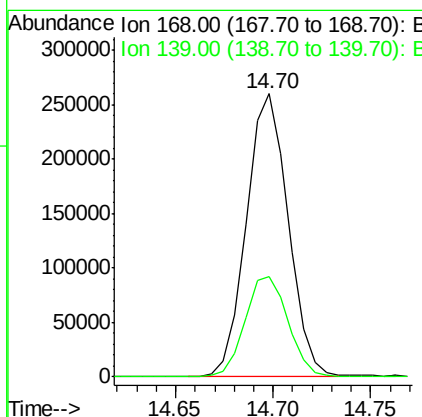
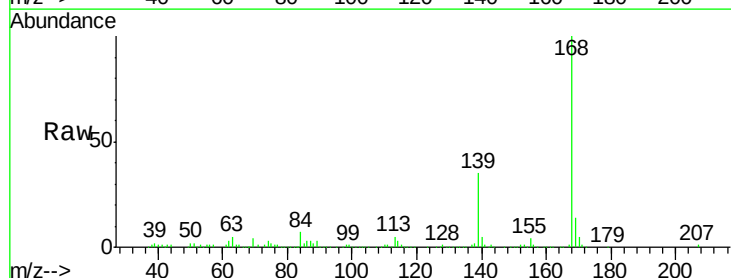
RT: 14.70 min Scan# 1991

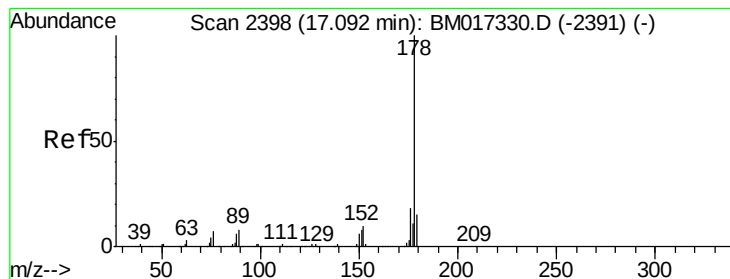
Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion:	168	Resp:	385699
Ion Ratio		Lower	Upper
168	100		
139	35.3	30.1	45.1





#70

Phenanthrene

Concen: 11.949 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

ClientSampled :

C0AE4

Tgt Ion:178 Resp: 1388687

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

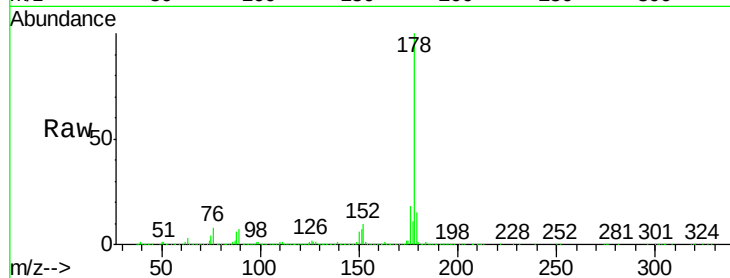
176 18.4 14.9 22.3

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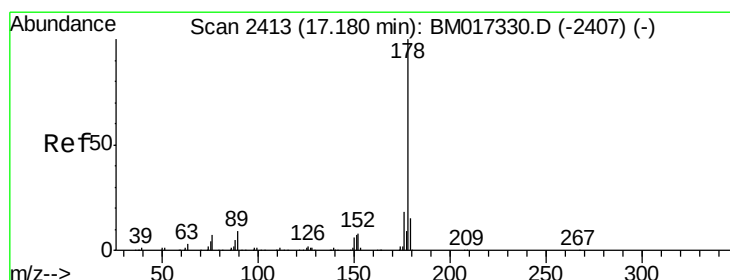
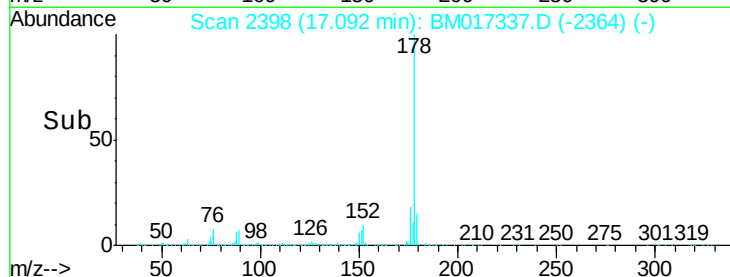
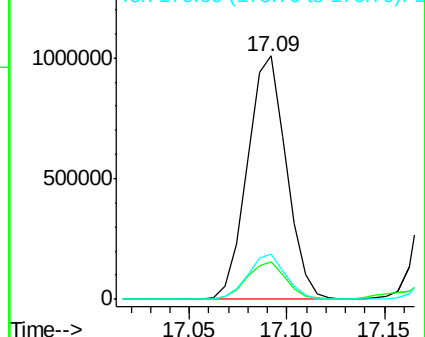
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 12.581 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion:178 Resp: 1485095

Ion Ratio Lower Upper

178 100

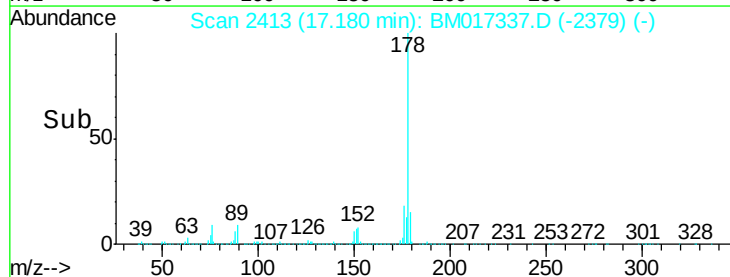
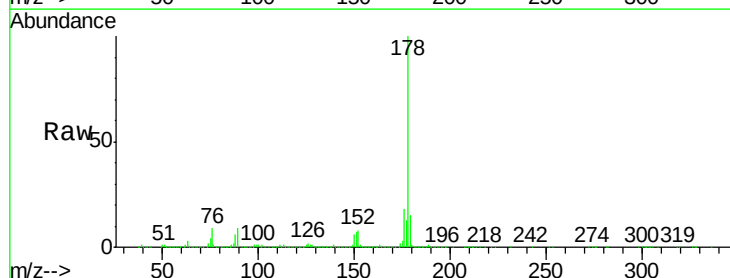
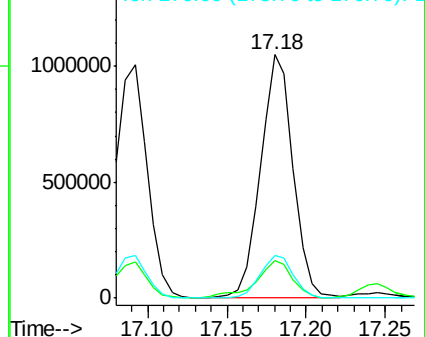
179 15.2 12.2 18.2

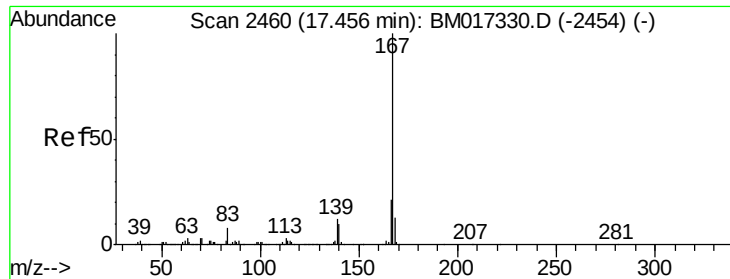
176 17.7 14.2 21.2

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





#75

Carbazole

Concen: 4.774 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

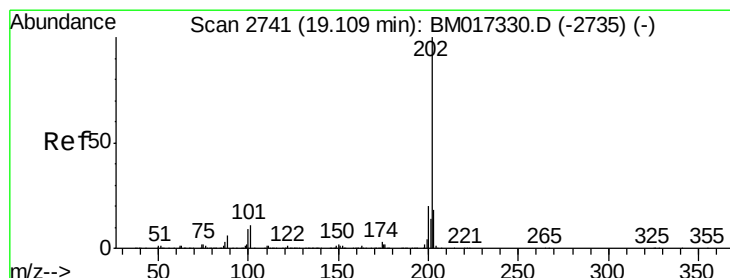
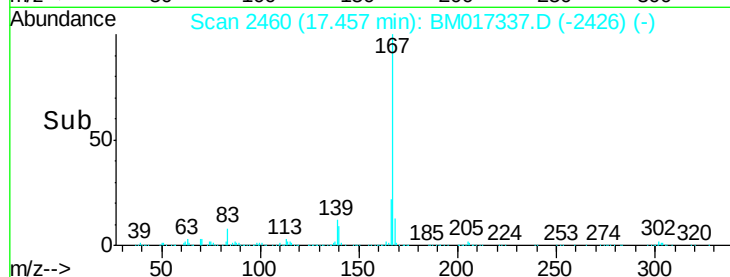
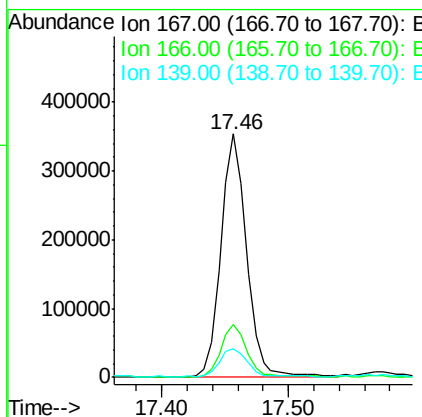
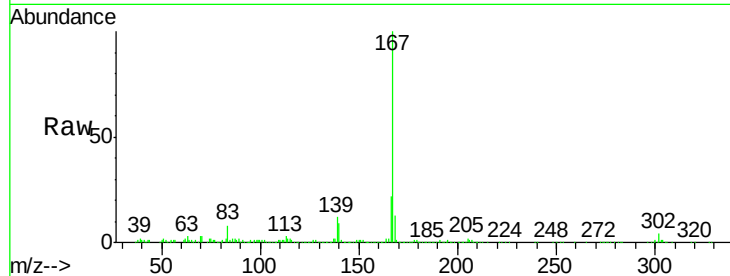
ClientSampleId :

C0AE4

Tgt Ion:	167	Resp:	492779
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.5	26.3
139	11.9	10.0	15.0

Manual Integrations
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#77

Fluoranthene

Concen: 39.341 ng/ul

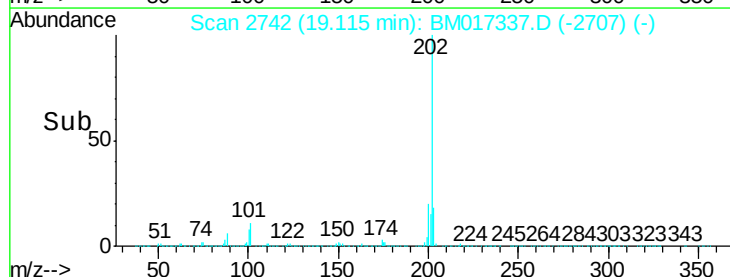
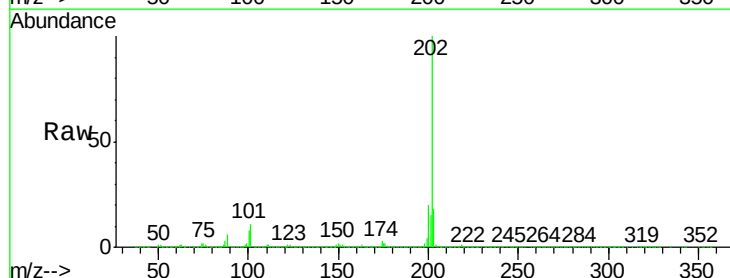
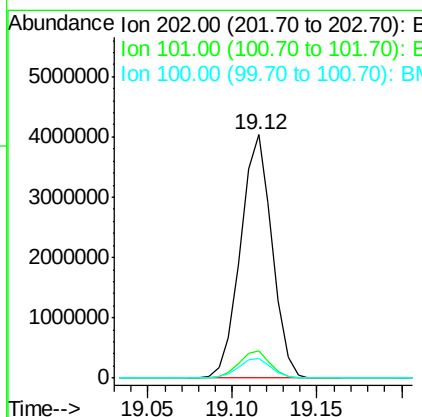
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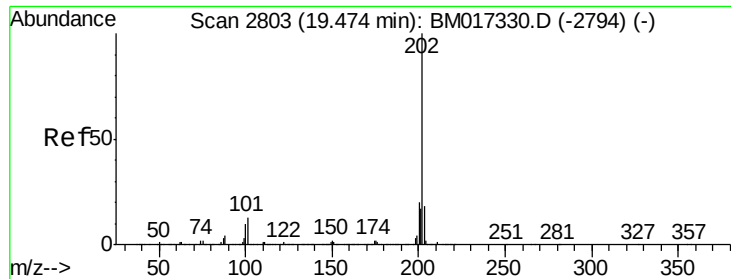
Delta R.T. 0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion:	202	Resp:	5241089
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.2	12.4
100	8.3	6.3	9.5





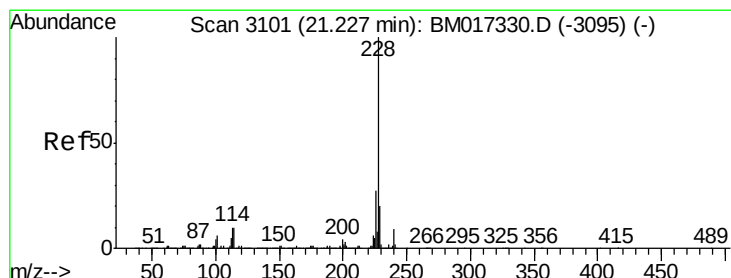
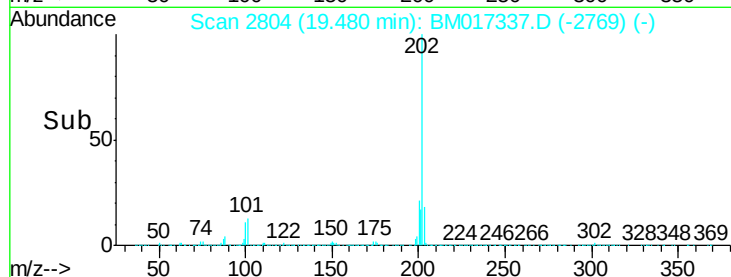
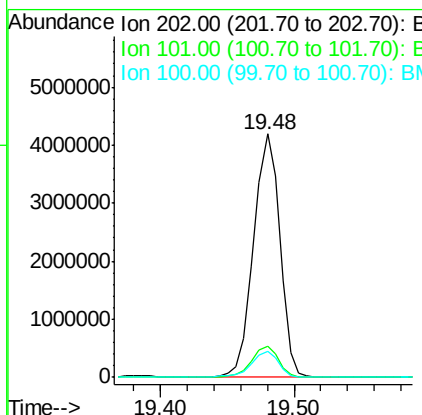
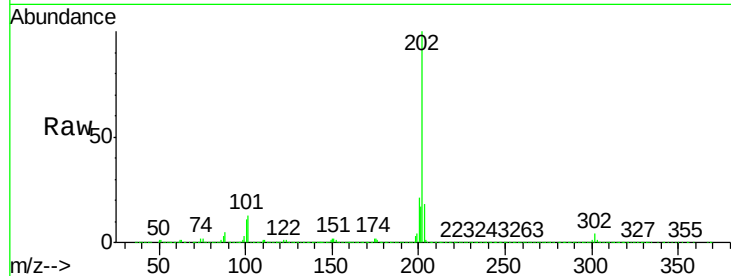
#80
 Pyrene
 Concen: 42.526 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM017337.D
 Acq: 25 Oct 2018 03:09

Instrument :
 BNA_M
 ClientSampled :
 C0AE4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	10.6	8.1	12.1

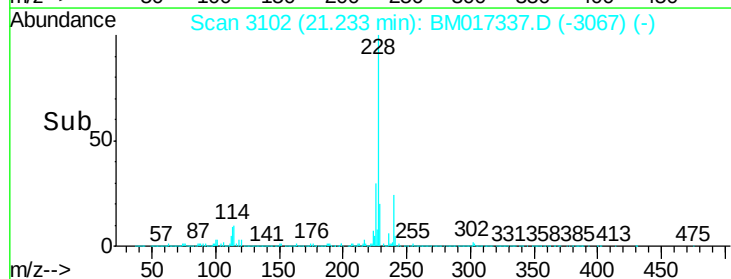
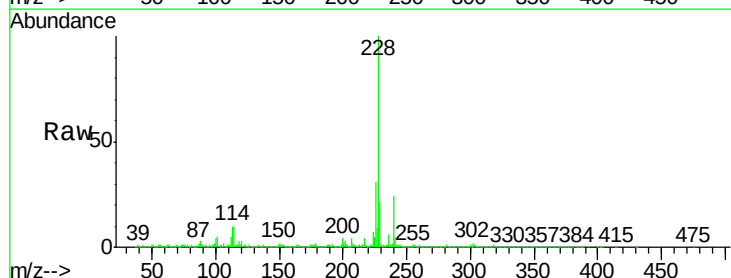
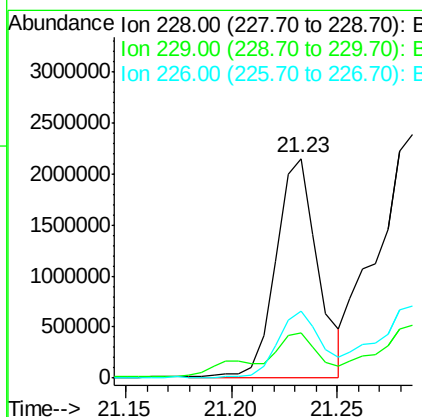
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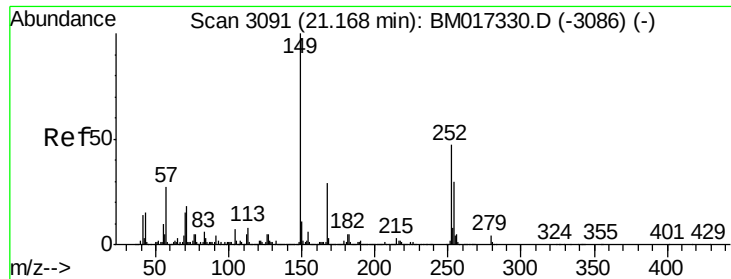
Sohil
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#83
 Benzo(a)anthracene
 Concen: 21.040 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. 0.01 min
 Lab File: BM017337.D
 Acq: 25 Oct 2018 03:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	30.7	20.8	31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.429 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

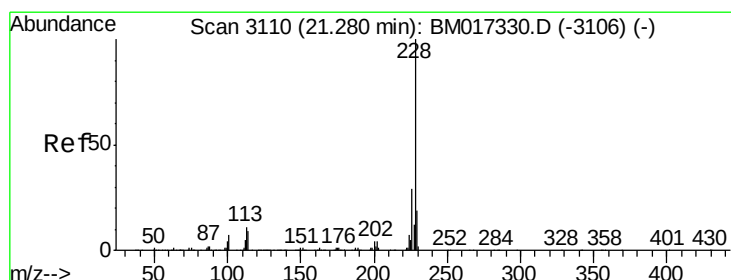
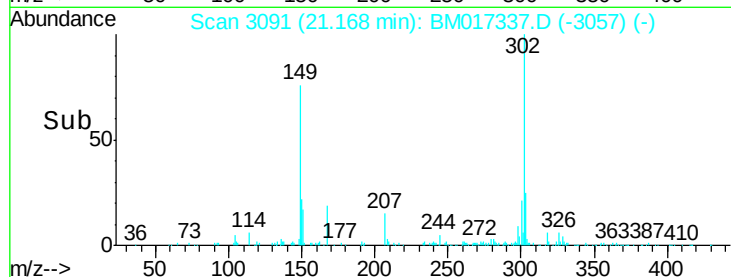
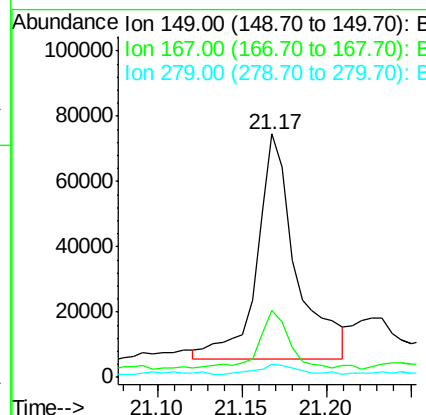
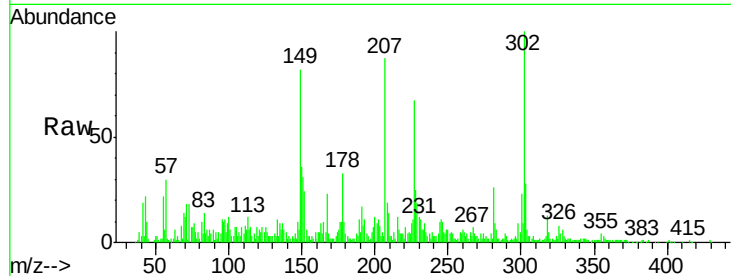
ClientSampled :

C0AE4

Tgt Ion:	149	Resp:	111268
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.0	34.6
279	5.3	4.1	6.1

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#85

Chrysene

Concen: 29.537 ng/ul

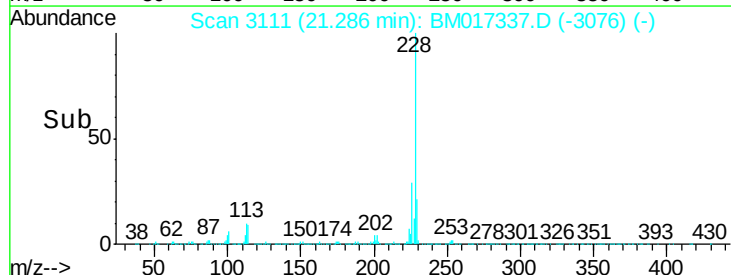
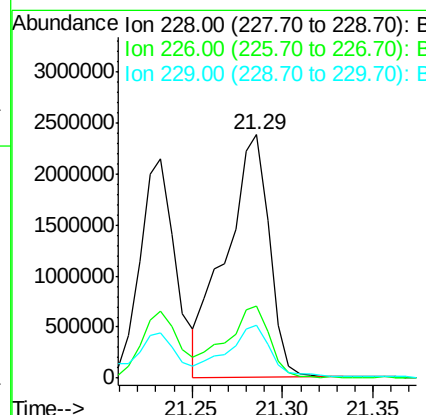
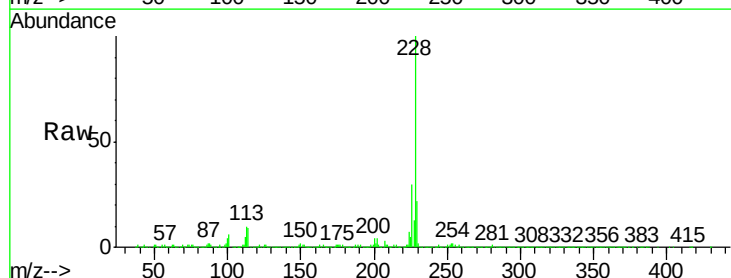
RT: 21.29 min Scan# 3111

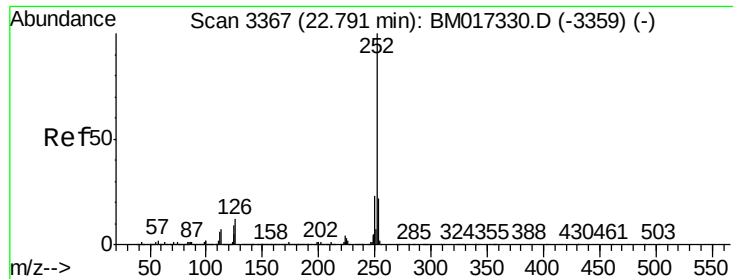
Delta R.T. 0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion:	228	Resp:	3951315
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.3	34.9
229	21.5	15.6	23.4





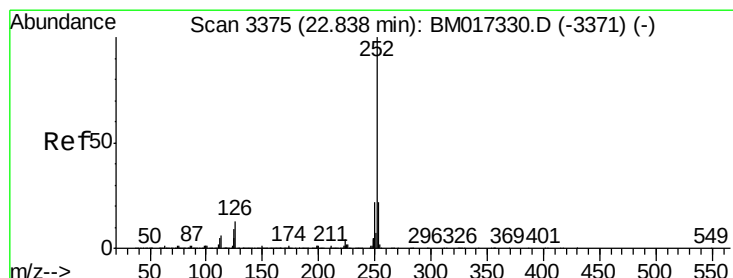
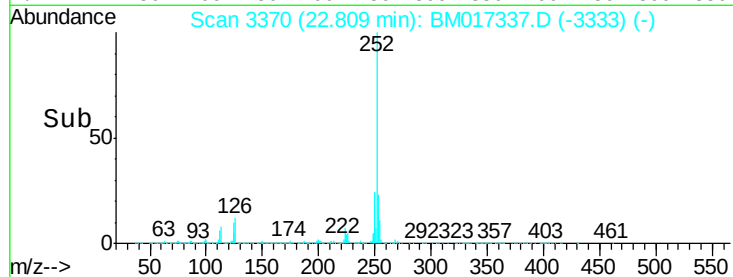
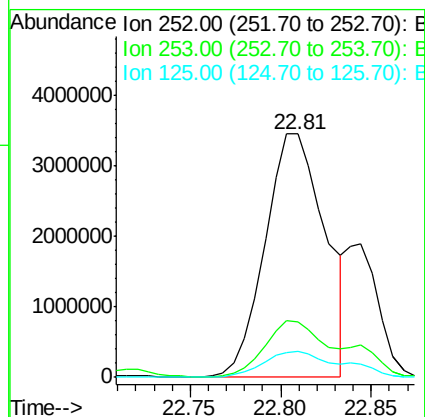
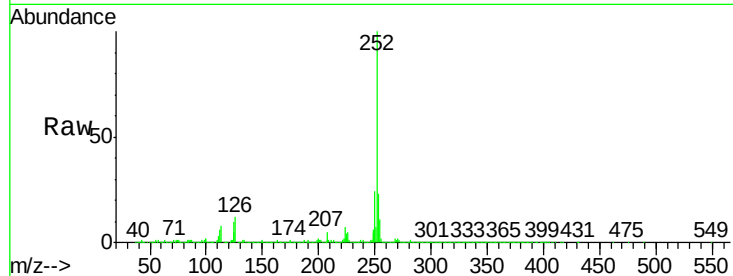
#88
Benzo(b)fluoranthene
Concen: 63.231 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.02 min
Lab File: BM017337.D
Acq: 25 Oct 2018 03:09

Instrument :
BNA_M
ClientSampled :
C0AE4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.5	7.2	10.8

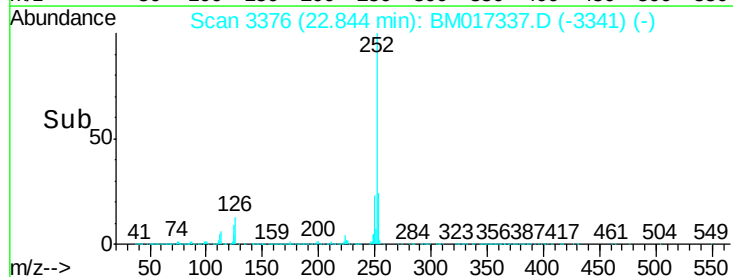
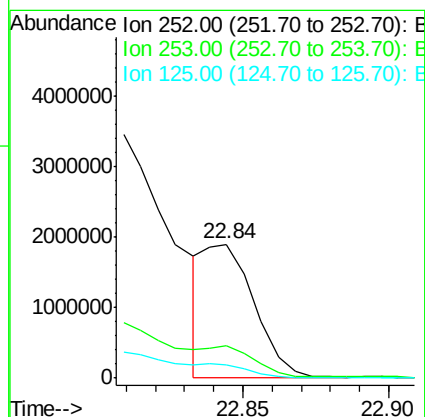
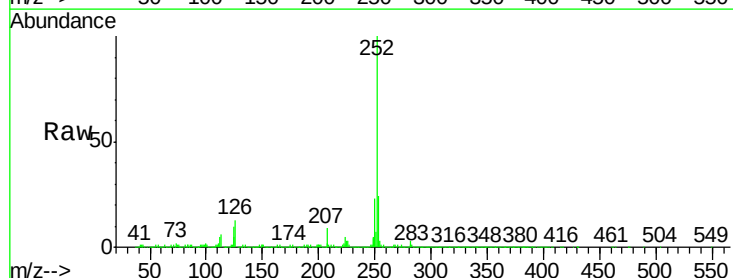
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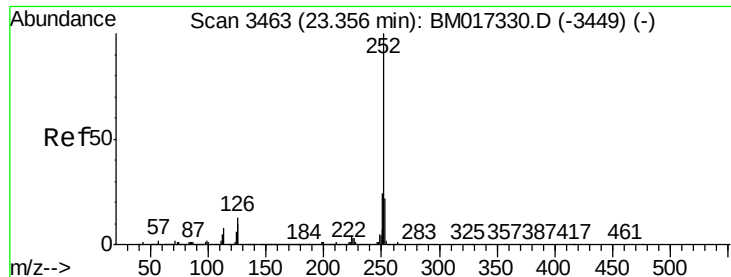
Sohil
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#89
Benzo(k)fluoranthene
Concen: 18.610 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM017337.D
Acq: 25 Oct 2018 03:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	9.6	7.8	11.6





#91

Benzo(a)pyrene

Concen: 26.705 ng/ul

RT: 23.37 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

ClientSampled :

C0AE4

Tgt Ion:252 Resp: 3285248

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

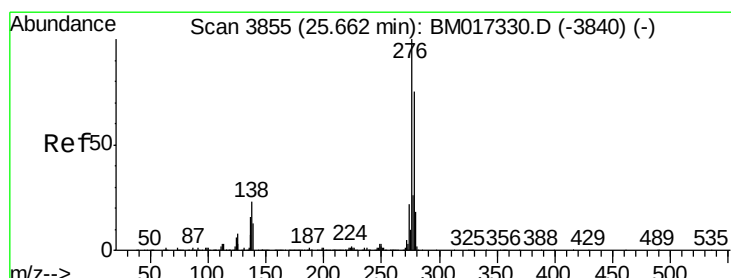
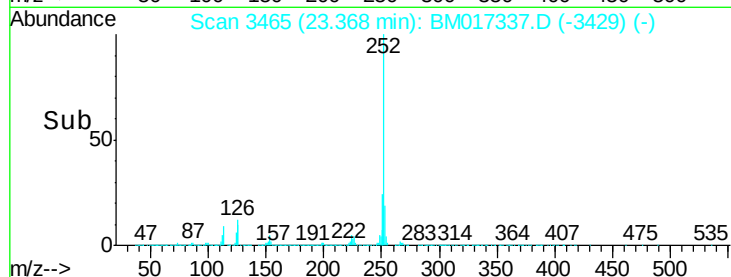
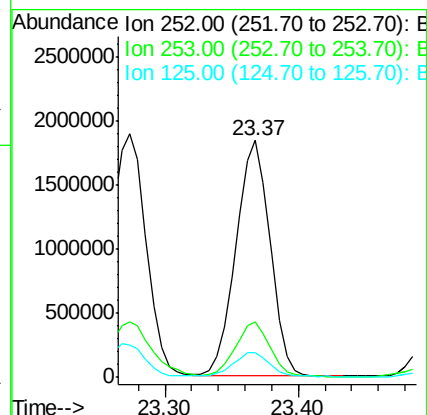
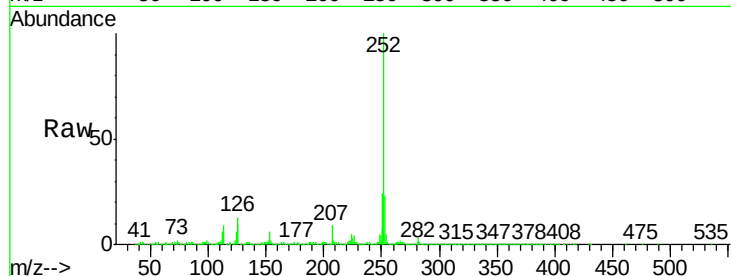
125 10.3 8.3 12.5

Manual Integrations

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#92

Indeno(1,2,3-cd)pyrene

Concen: 18.221 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. 0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

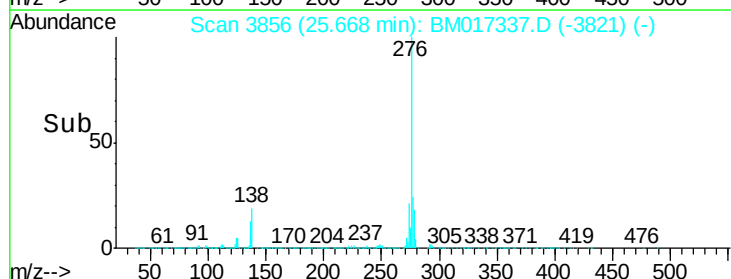
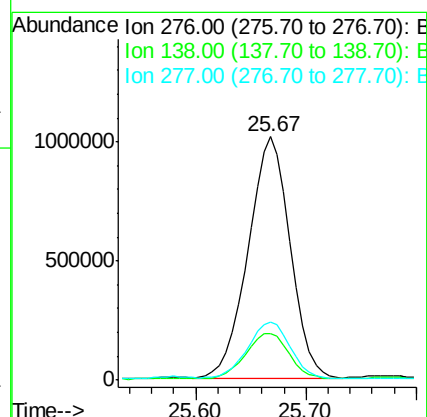
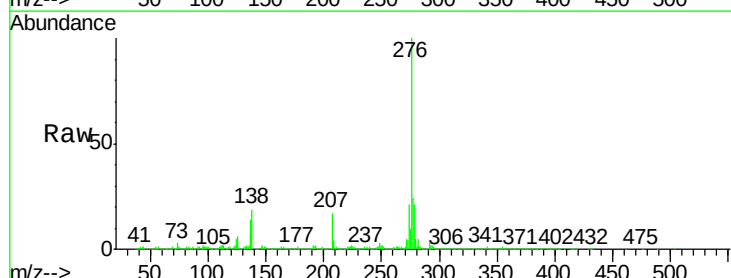
Tgt Ion:276 Resp: 2727282

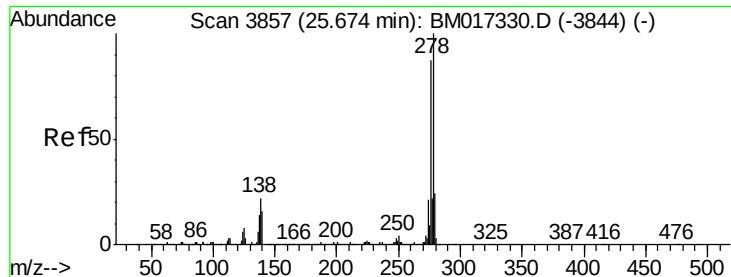
Ion Ratio Lower Upper

276 100

138 19.3 18.1 27.1

277 24.1 19.6 29.4





#93

Dibenzo(a,h)anthracene

Concen: 5.095 ng/ul m

RT: 25.67 min Scan# 3856

Delta R.T. -0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Instrument :

BNA_M

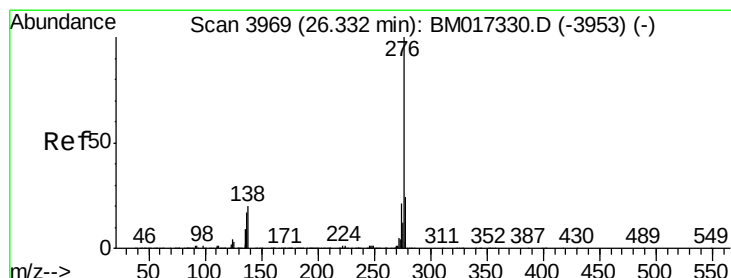
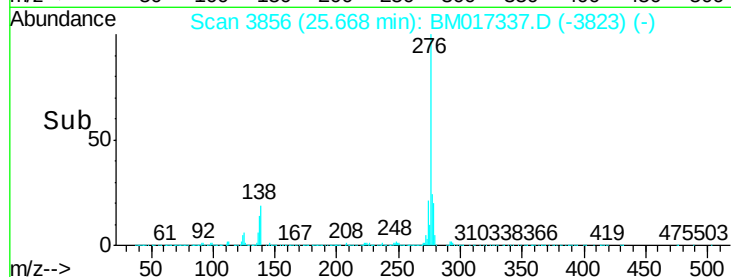
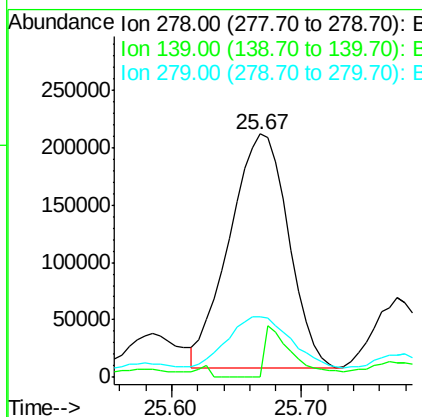
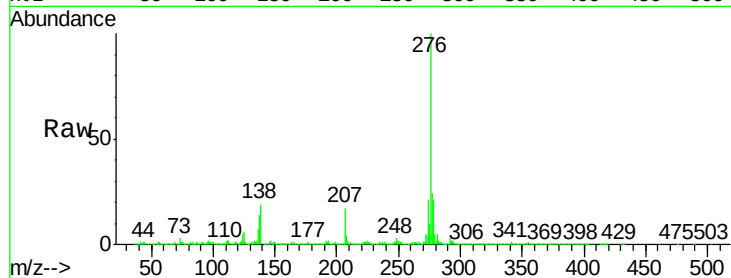
ClientSampleId :

C0AE4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	25.0	19.0	28.4

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 16.594 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.01 min

Lab File: BM017337.D

Acq: 25 Oct 2018 03:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	23.7	18.9	28.3

