

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
 Data File : BM021361.D
 Acq On : 03 Jul 2019 09:51
 Operator : HP/JU
 Sample : K3594-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C5BC8DL

Manual Integrations
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 7/3/2019 10:47:47 PM

Quant Time: Jul 03 15:29:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:58:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	210765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	932329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	578730	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1235220	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	958144	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1076326	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	8938	2.01	ng/uL	0.01
5) Phenol-d5	6.92	99	240183	13.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	138301	12.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	194423	13.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	207079	13.52	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	104600	13.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	118349	14.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	241592	14.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	127334	7.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	844867	16.16	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	917427	14.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	89323	10.50	ng/ul	0.00
57) Fluorene-d10	15.39	176	720349	15.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	75855	9.99	ng/ul	0.00
70) Anthracene-d10	17.24	188	1058599	16.49	ng/ul	0.00
78) Pyrene-d10	19.54	212	1055310	18.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1058193	16.66	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.90	77	9779	1.169	ng/ul	95
32) Caprolactam	11.51	113	5854	1.339	ng/ul#	75
44) Dimethylphthalate	13.85	163	136215	2.862	ng/ul	99
69) Phenanthrene	17.18	178	982722	14.385	ng/ul	99
71) Anthracene	17.27	178	126707	1.820	ng/ul	99
74) Carbazole	17.55	167	99538	1.735	ng/ul	99
75) Di-n-butylphthalate	18.10	149	84952	1.233	ng/ul	97
76) Fluoranthene	19.20	202	3983240	53.963	ng/ul	99
79) Pyrene	19.57	202	3216004	47.478	ng/ul	99
82) Benzo(a)anthracene	21.32	228	1724722	26.403	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	107373	3.008	ng/ul	100
84) Chrysene	21.37	228	2178105	35.603	ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	3701521	54.291	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	1062515m	16.199	ng/ul	
90) Benzo(a)pyrene	23.50	252	1935037	30.154	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	1785003	23.622	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.89	278	422176	6.641	ng/ul#	88
93) Benzo(g,h,i)perylene	26.59	276	1493124	23.991	ng/ul	98

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

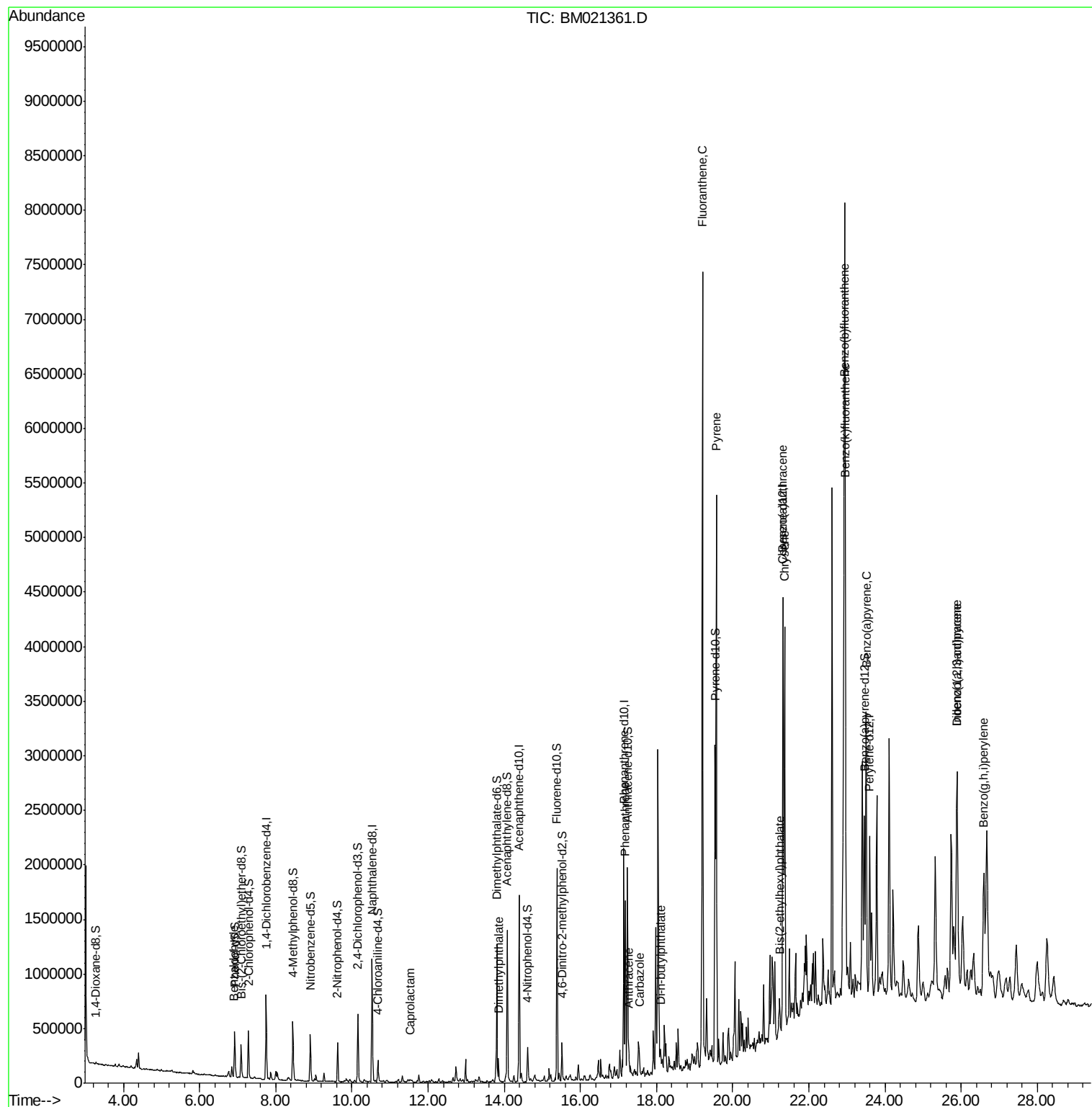
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

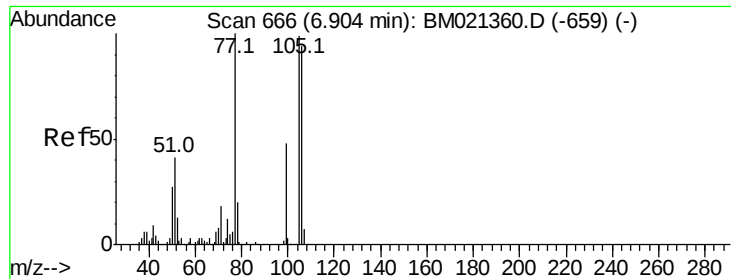
Instrument :
BNA_M
ClientSampleId :
C5BC8DL

Quant Time: Jul 03 15:29:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:58:18 2019
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.169 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Instrument :

BNA_M

ClientSampleId :

C5BC8DL

Tot Ion: 77 Resp: 9779

Ion Ratio Lower Upper

77 100

105 94.3 78.1 117.1

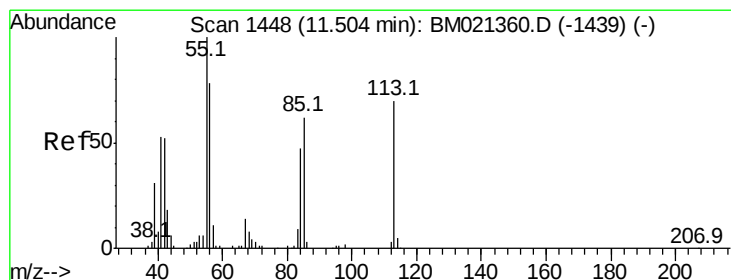
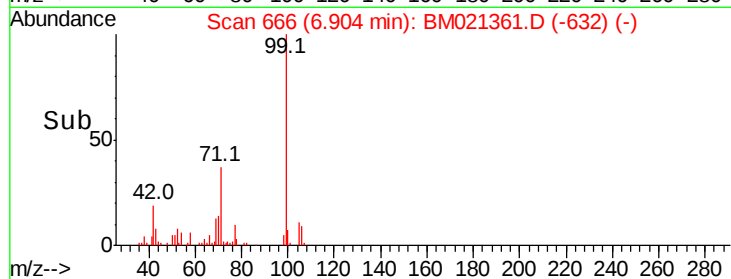
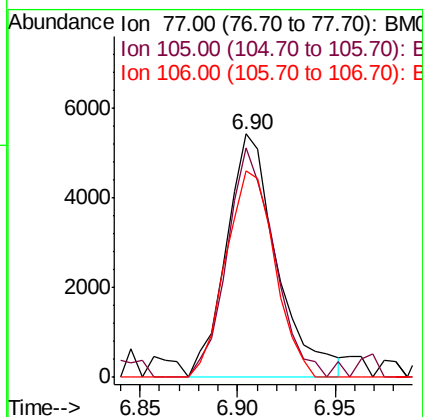
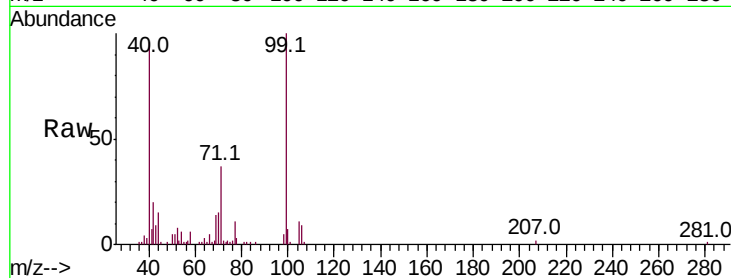
106 84.9 73.4 110.2

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#32

Caprolactam

Concen: 1.339 ng/ul

RT: 11.51 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

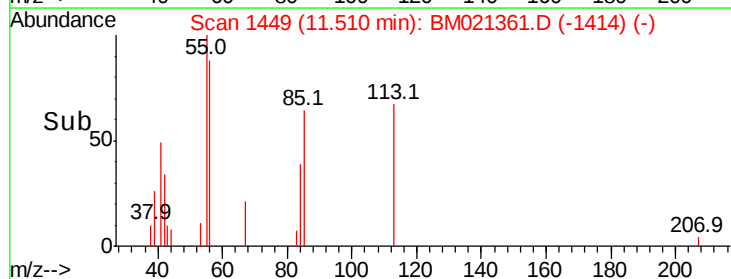
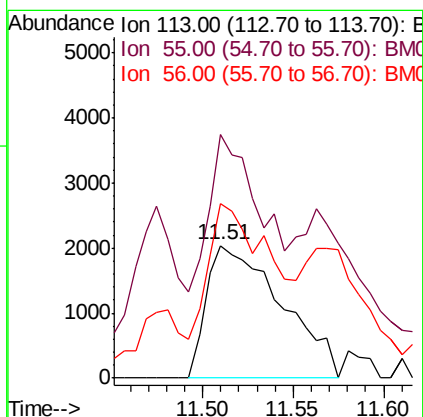
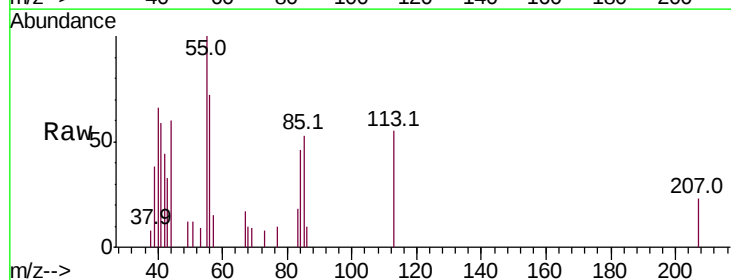
Tgt Ion: 113 Resp: 5854

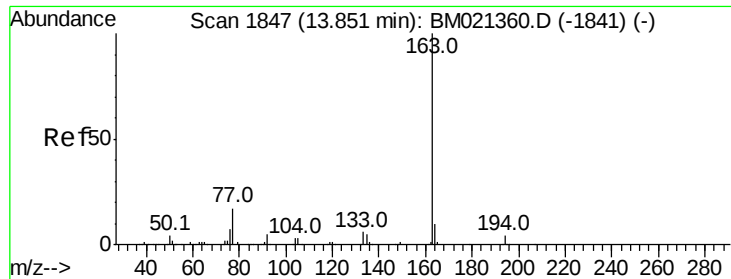
Ion Ratio Lower Upper

113 100

55 183.5 115.8 173.6#

56 131.8 91.0 136.6





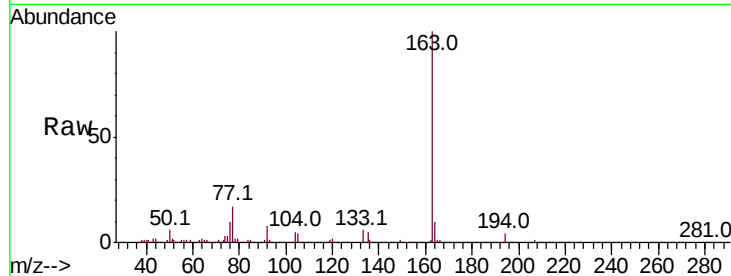
#44
Dimethylphthalate
Concen: 2.862 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Instrument :
BNA_M
ClientSampleID :
C5BC8DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.0	7.7	11.5

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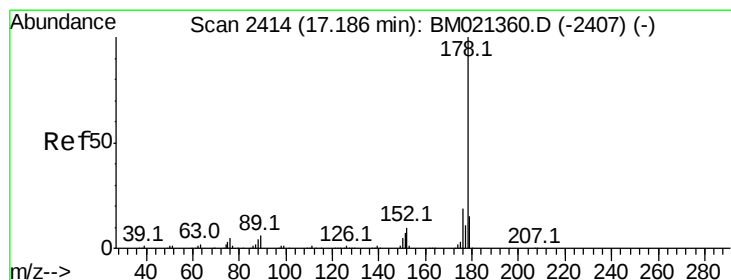
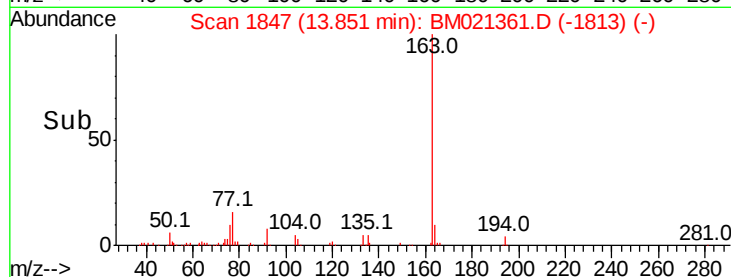
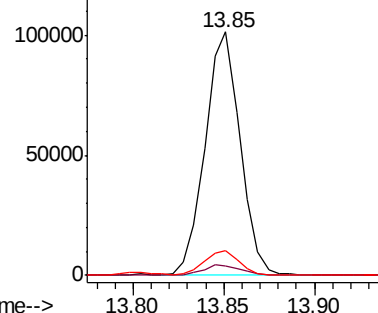


Abundance

Ion 163.00 (162.70 to 163.70): E

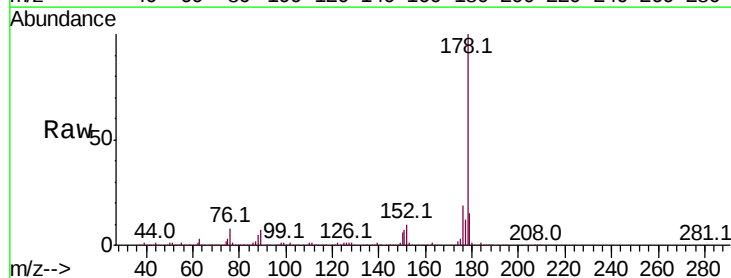
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 14.385 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	19.0	15.0	22.6

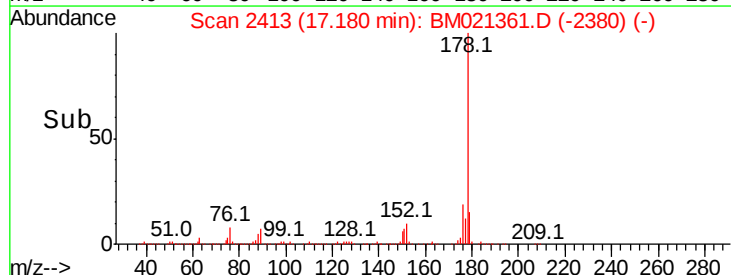
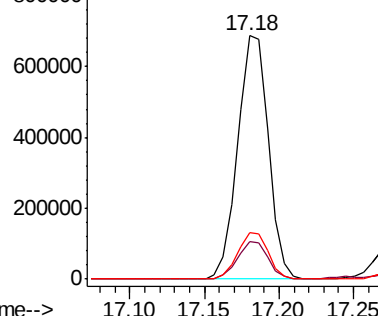


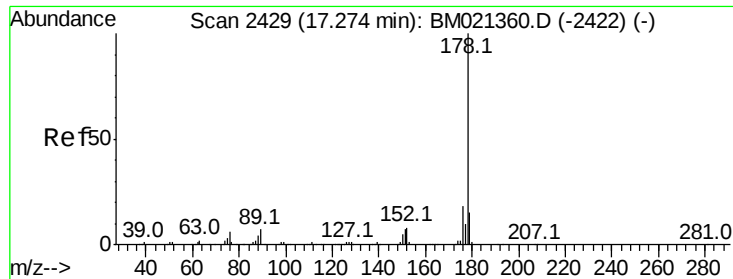
Abundance

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





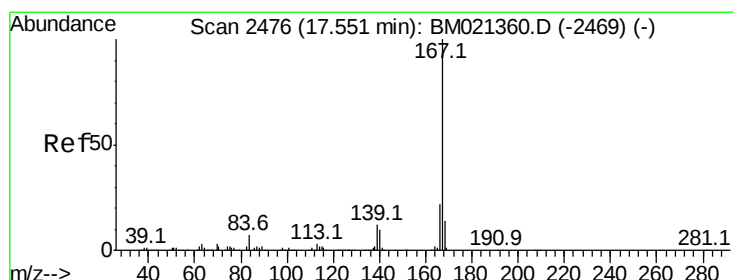
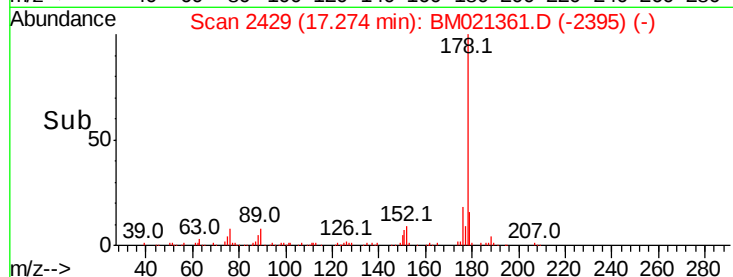
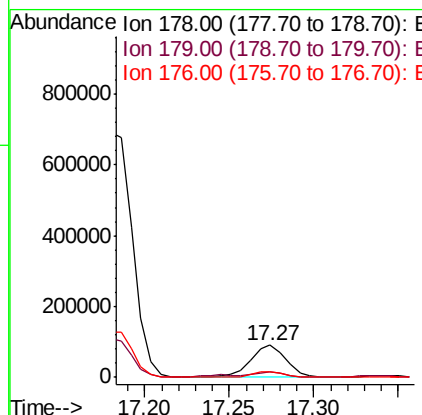
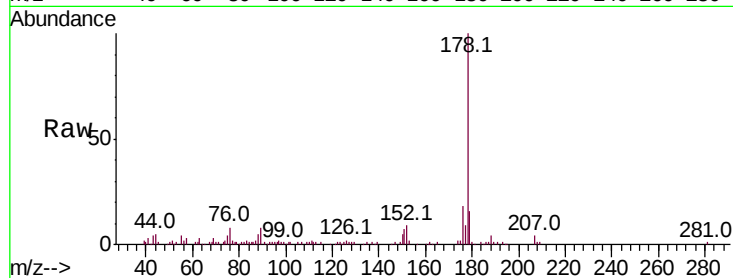
#71
 Anthracene
 Concen: 1.820 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BM021361.D
 Acq: 03 Jul 2019 09:51

Instrument :
 BNA_M
 ClientSampleId :
 C5BC8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	17.9	14.6	21.8

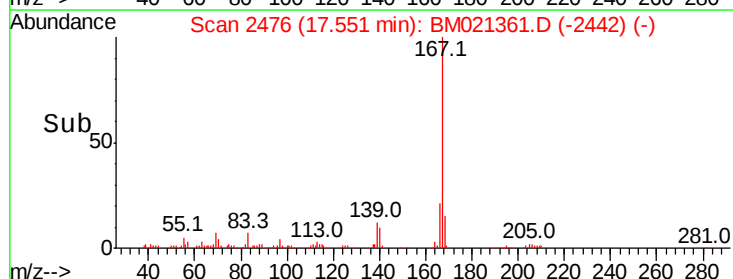
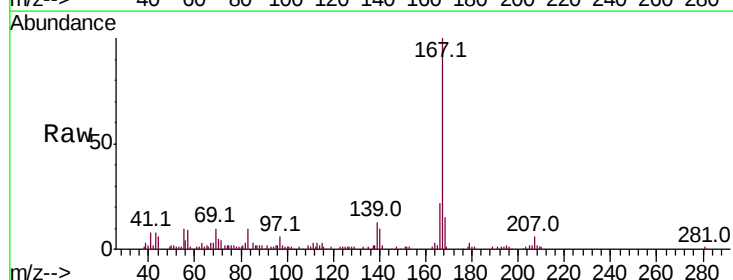
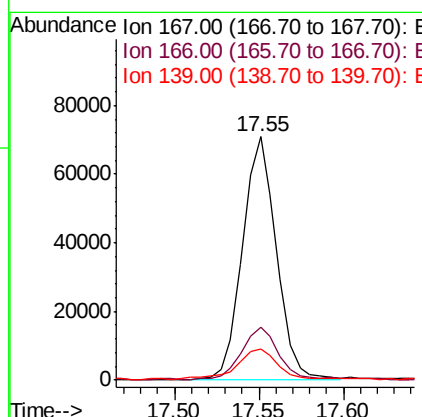
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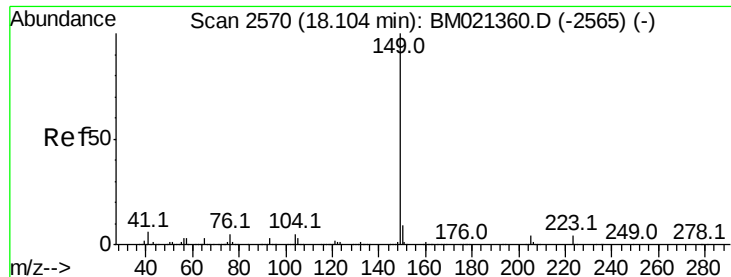
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#74
 Carbazole
 Concen: 1.735 ng/ul
 RT: 17.55 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BM021361.D
 Acq: 03 Jul 2019 09:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	12.8	9.8	14.6





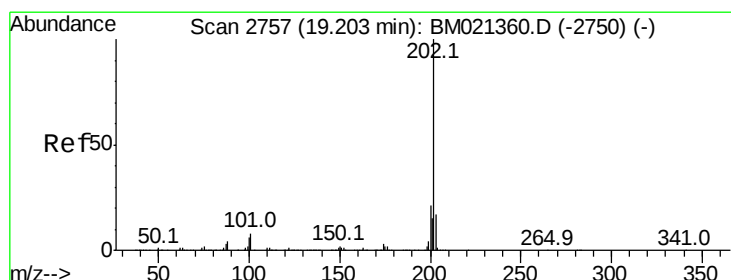
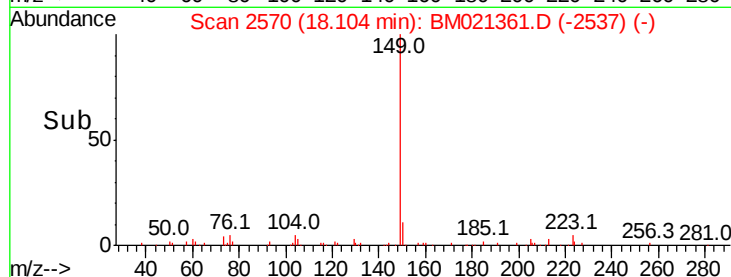
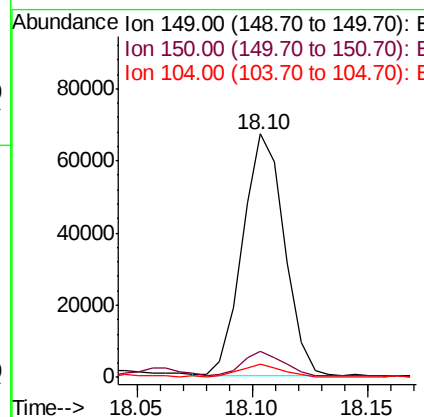
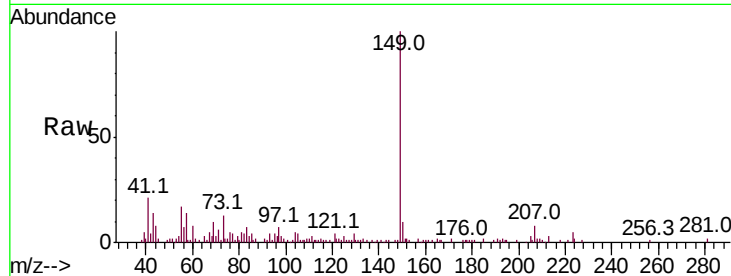
#75
Di-n-butylphthalate
Concen: 1.233 ng/ul
RT: 18.10 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Instrument :
BNA_M
ClientSampleId :
C5BC8DL

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.3	10.9
104	5.2	3.8	5.8

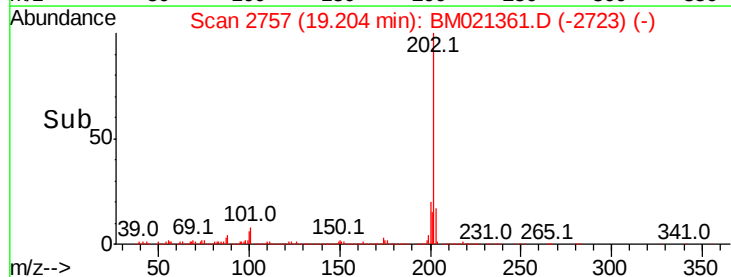
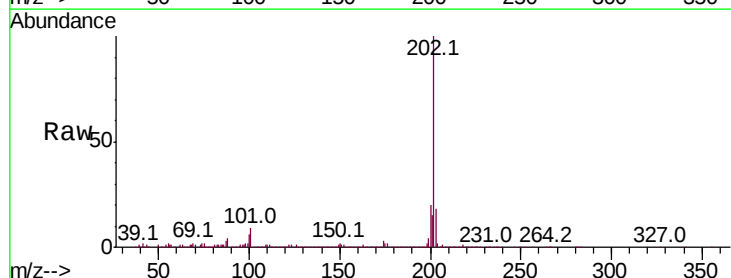
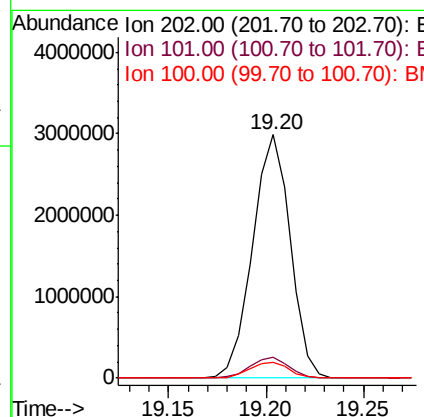
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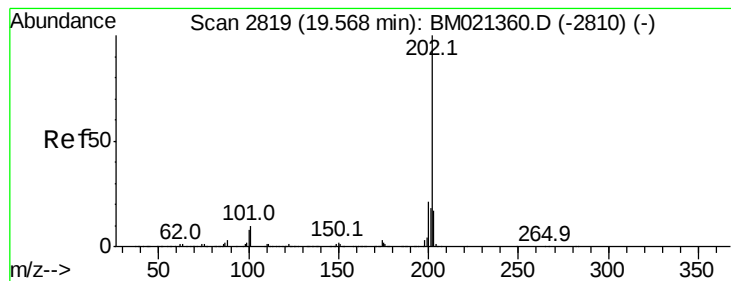
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#76
Fluoranthene
Concen: 53.963 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.5	5.5	8.3





#79

Pvrene

Concen: 47.478 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Instrument :

BNA_M

ClientSampleId :

C5BC8DL

Tot Ion:202 Resp: 3216004

Ion Ratio Lower Upper

202 100

101 9.7 8.1 12.1

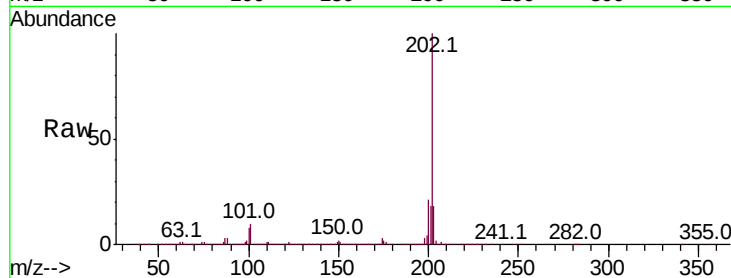
100 8.2 6.6 10.0

Manual Integrations

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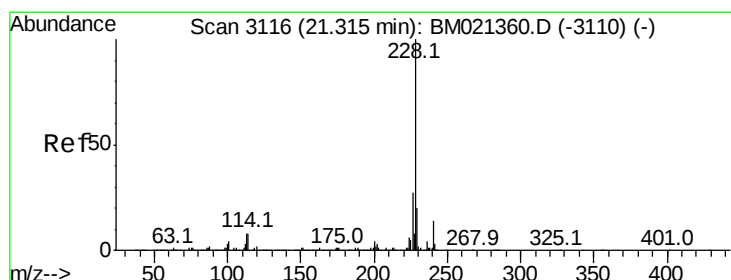
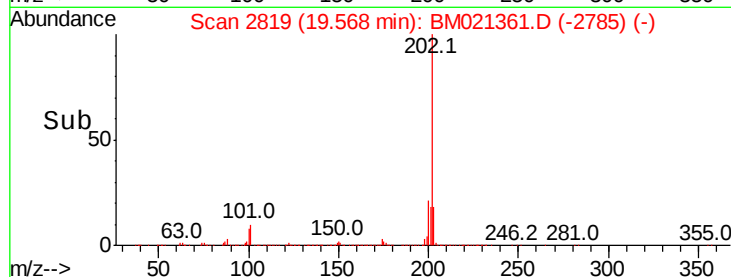
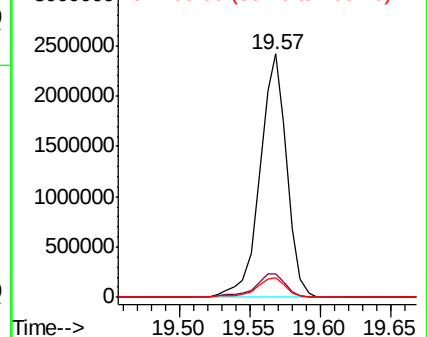
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 26.403 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

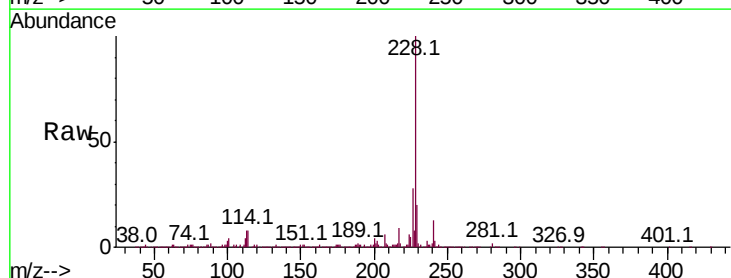
Tgt Ion:228 Resp: 1724722

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.8

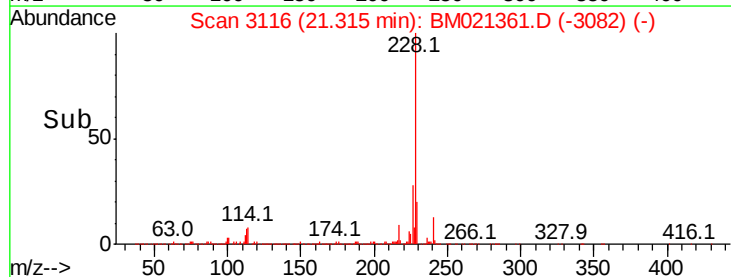
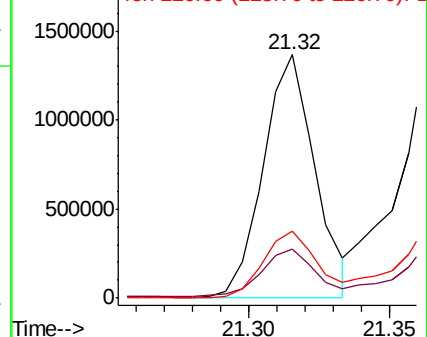
226 27.7 21.4 32.2

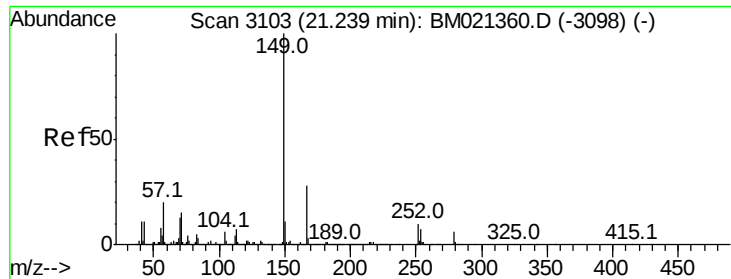


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.008 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Instrument :

BNA_M

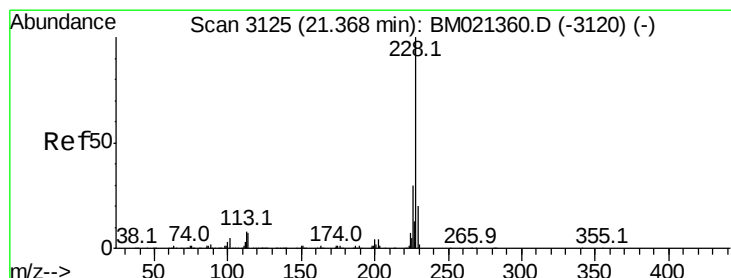
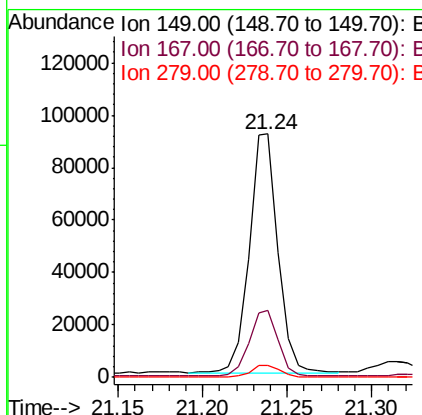
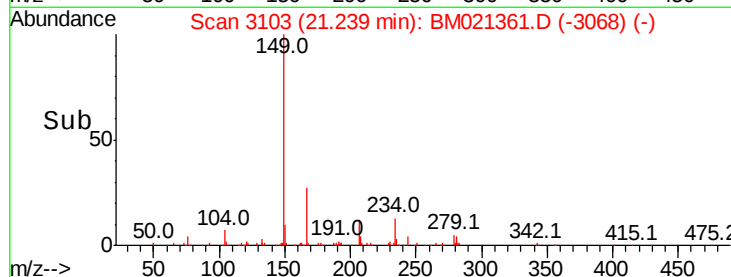
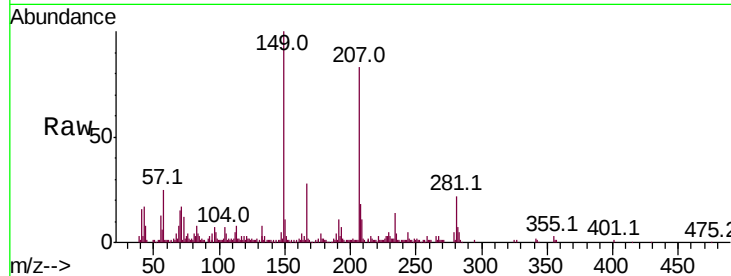
ClientSampleId :

C5BC8DL

Tot Ion:	149	Resp:	107373
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.3	33.5
279	5.1	3.8	5.6

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#84

Chrysene

Concen: 35.603 ng/ul

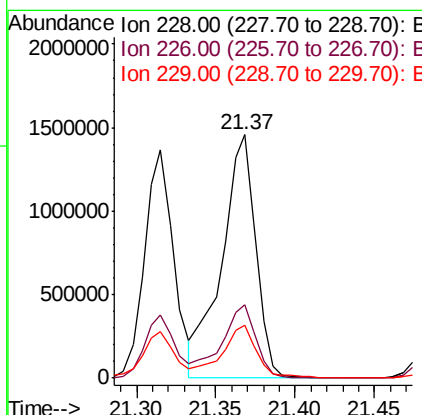
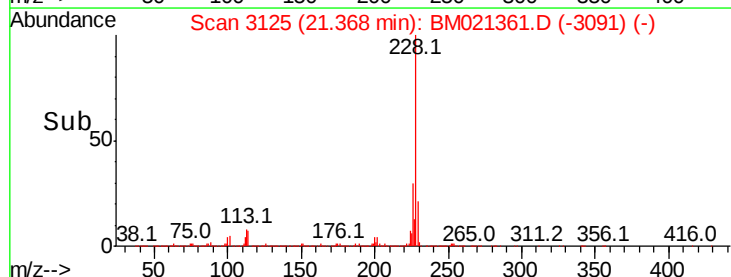
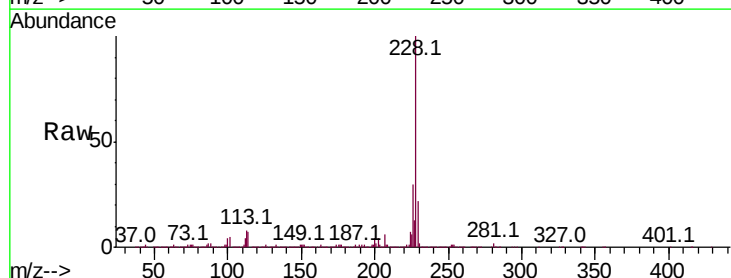
RT: 21.37 min Scan# 3125

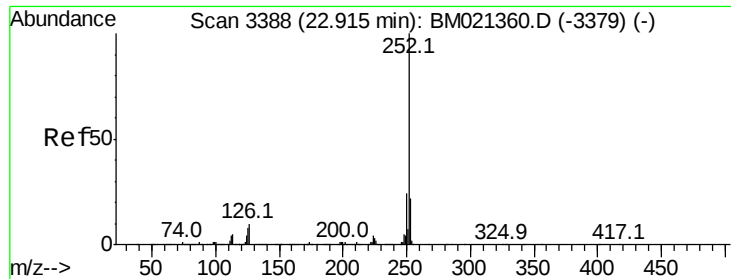
Delta R.T. 0.00 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Tgt Ion:	228	Resp:	2178105
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.9	35.9
229	21.6	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 54.291 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Instrument :

BNA_M

ClientSampleId :

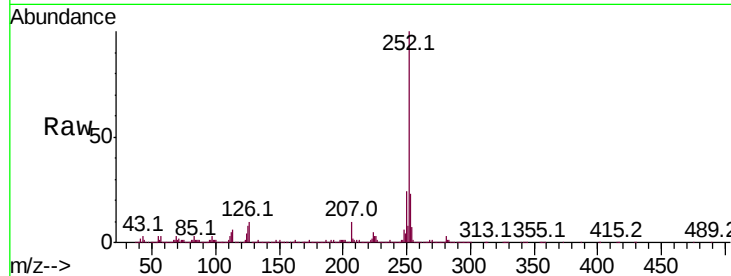
C5BC8DL

Tot Ion:252 Resp: 3701521

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.3	6.3	9.5

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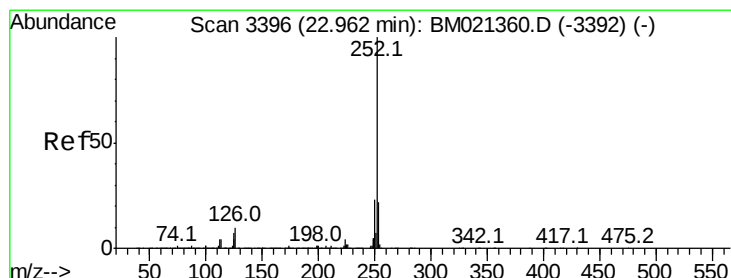
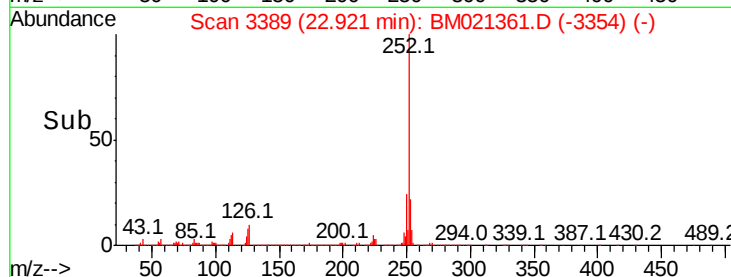
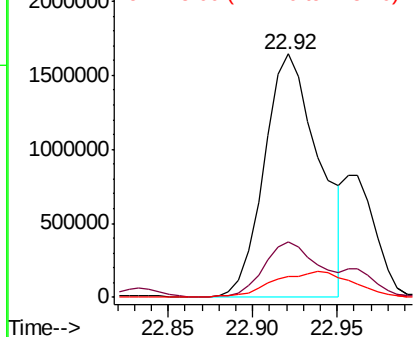
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 16.199 ng/ul m

RT: 22.96 min Scan# 3396

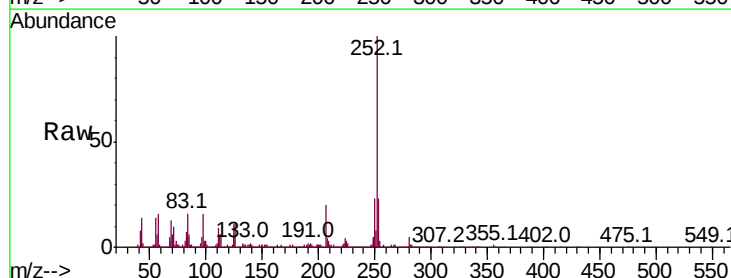
Delta R.T. 0.00 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Tgt Ion:252 Resp: 1062515

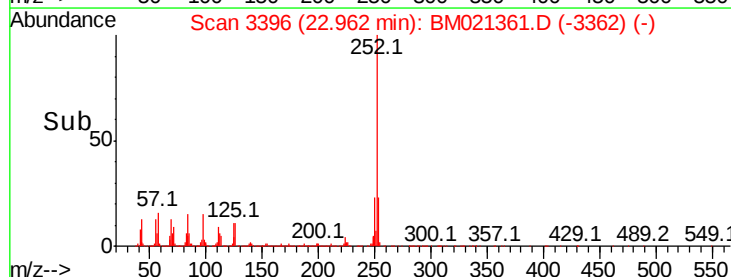
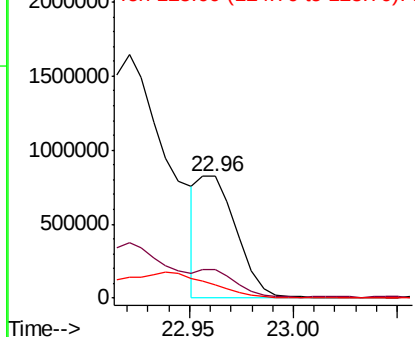
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.1	6.6	9.8#

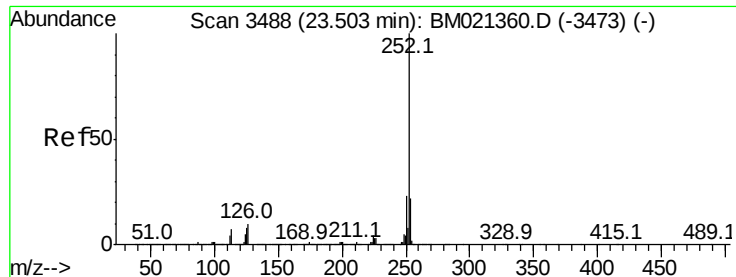


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 30.154 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Instrument :

BNA_M

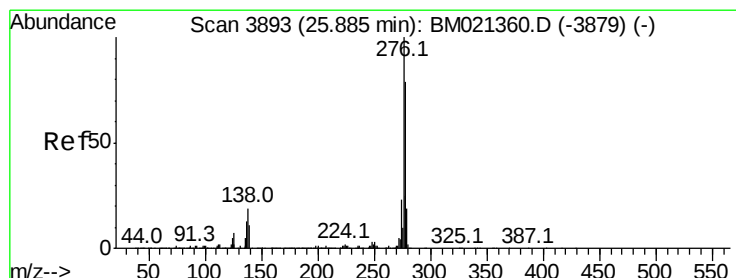
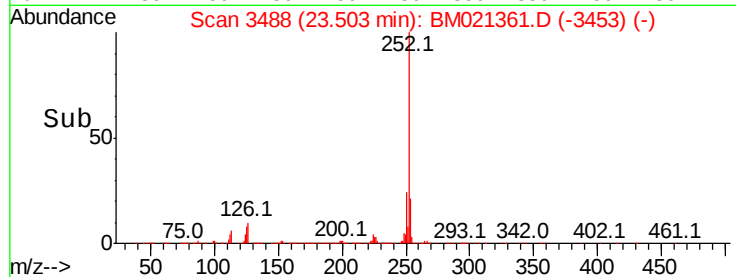
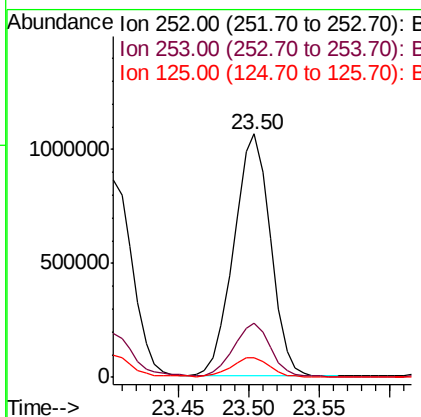
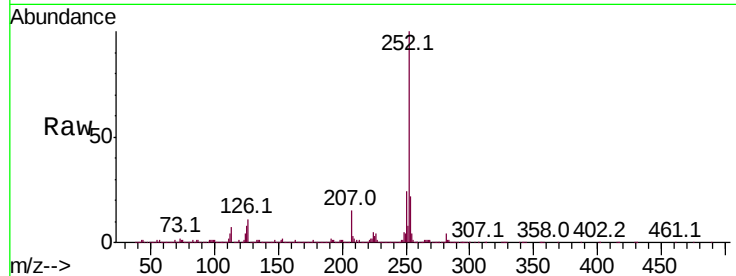
ClientSampleId :

C5BC8DL

Tot Ion:	252	Resp:	1935037
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	8.1	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 23.622 ng/ul

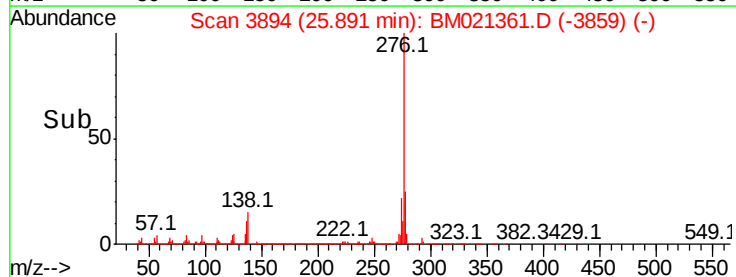
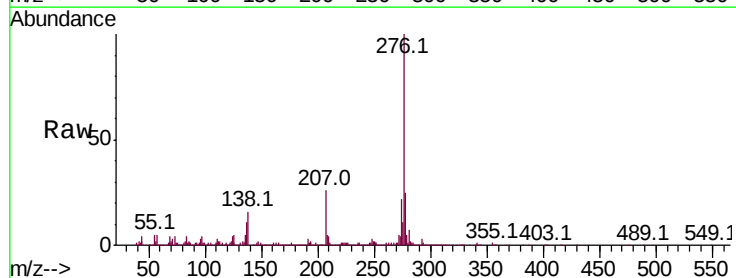
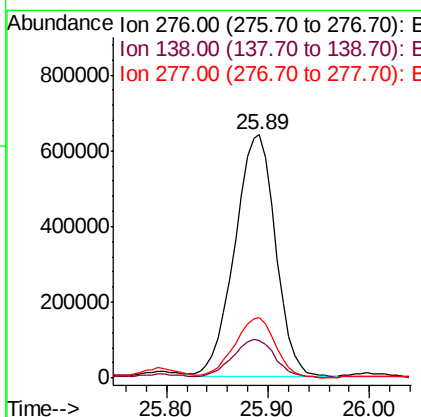
RT: 25.89 min Scan# 3894

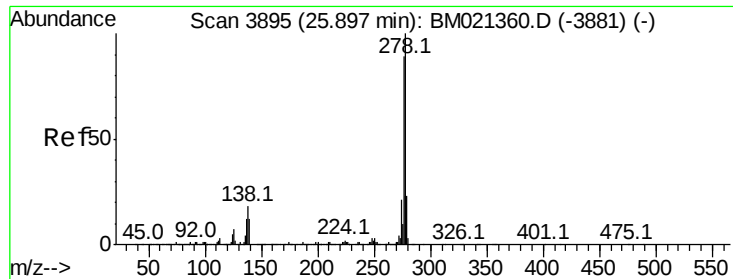
Delta R.T. 0.01 min

Lab File: BM021361.D

Acq: 03 Jul 2019 09:51

Tgt Ion:	276	Resp:	1785003
Ion Ratio	Lower	Upper	
276	100		
138	15.5	15.9	23.9#
277	24.9	20.4	30.6





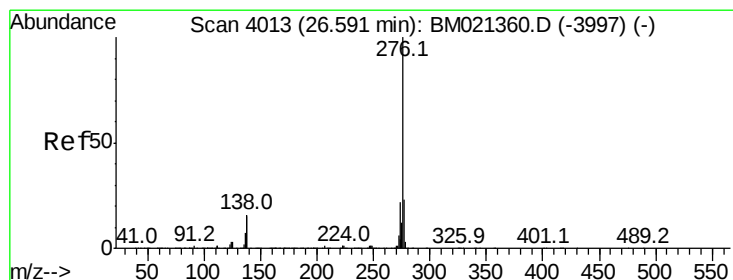
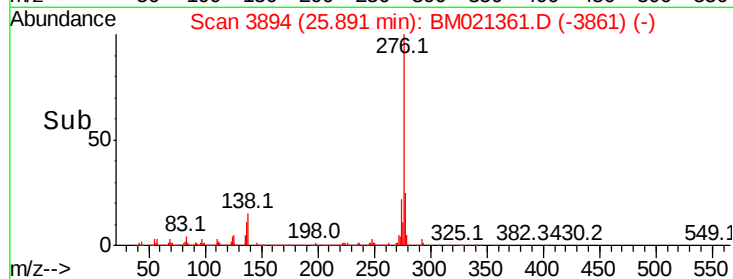
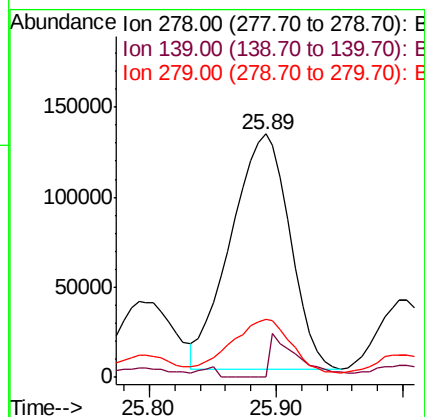
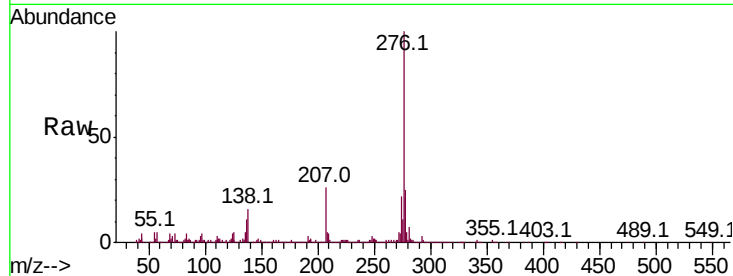
#92
Dibenzo(a,h)anthracene
Concen: 6.641 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Instrument :
BNA_M
ClientSampleId :
C5BC8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	15.8#
279	23.7	19.0	28.4

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 23.991 ng/ul
RT: 26.59 min Scan# 4013
Delta R.T. 0.01 min
Lab File: BM021361.D
Acq: 03 Jul 2019 09:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.6	21.8
277	24.2	18.9	28.3

