

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024655.D
 Acq On : 29 Jan 2020 18:05
 Operator : CG/JU
 Sample : L1287-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-B

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:19:06 AM

Quant Time: Jan 30 09:07:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	422219	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1521150	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	873020	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1484032	20.00	ng	0.00
76) Chrysene-d12	21.07	240	1348748	20.00	ng	0.01
87) Perylene-d12	23.19	264	1598306	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1925831	86.74	ng	0.01
7) Phenol-d6	6.65	99	2435079	79.62	ng	0.00
23) Nitrobenzene-d5	8.59	82	1563217	50.40	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	997331	70.23	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3507322	54.62	ng	0.00
79) Terphenyl-d14	19.51	244	3871779	53.59	ng	0.00

Target Compounds					Qvalue	
10) Phenol	6.67	94	94103	3.087	ng	95
13) 1,4-Dichlorobenzene	7.47	146	67559	2.145	ng	95
31) Naphthalene	10.25	128	2413499	31.414	ng	100
37) 2-Methylnaphthalene	11.88	142	3767163	63.537	ng	99
38) 1-Methylnaphthalene	12.11	142	7549137	133.853	ng	100
46) 1,1'-Biphenyl	12.92	154	532392	8.058	ng	99
49) Acenaphthylene	13.82	152	3012680	37.731	ng	# 95
50) Dimethylphthalate	13.57	163	563839	7.987	ng	# 97
52) Acenaphthene	14.17	154	5454410	110.086	ng	99
55) Dibenzofuran	14.50	168	760670	9.414	ng	# 91
58) Fluorene	15.16	166	5177882	76.251	ng	98
71) Phenanthrene	16.90	178	15767354	196.202	ng	# 88
72) Anthracene	16.99	178	7006252	89.101	ng	99
73) Carbazole	17.26	167	364524	5.092	ng	# 79
74) Di-n-butylphthalate	17.85	149	247386	2.703	ng	# 74
75) Fluoranthene	18.93	202	10763181	107.309	ng	97
78) Pyrene	19.29	202	13789066	155.082	ng	93
80) Butylbenzylphthalate	20.22	149	293344	7.862	ng	# 94
81) Benzo(a)anthracene	21.05	228	6616859m	70.685	ng	
83) Chrysene	21.10	228	6171262	69.088	ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	8654307	157.206	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.27	276	2473421	25.406	ng	97
88) Benzo(b)fluoranthene	22.57	252	5675130m	54.746	ng	
89) Benzo(k)fluoranthene	22.60	252	1632450m	16.133	ng	
90) Benzo(a)pyrene	23.10	252	5088076	53.986	ng	97
91) Dibenzo(a,h)anthracene	25.27	278	778261	8.700	ng	# 89
92) Benzo(g,h,i)perylene	25.90	276	2442013	30.065	ng	97

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

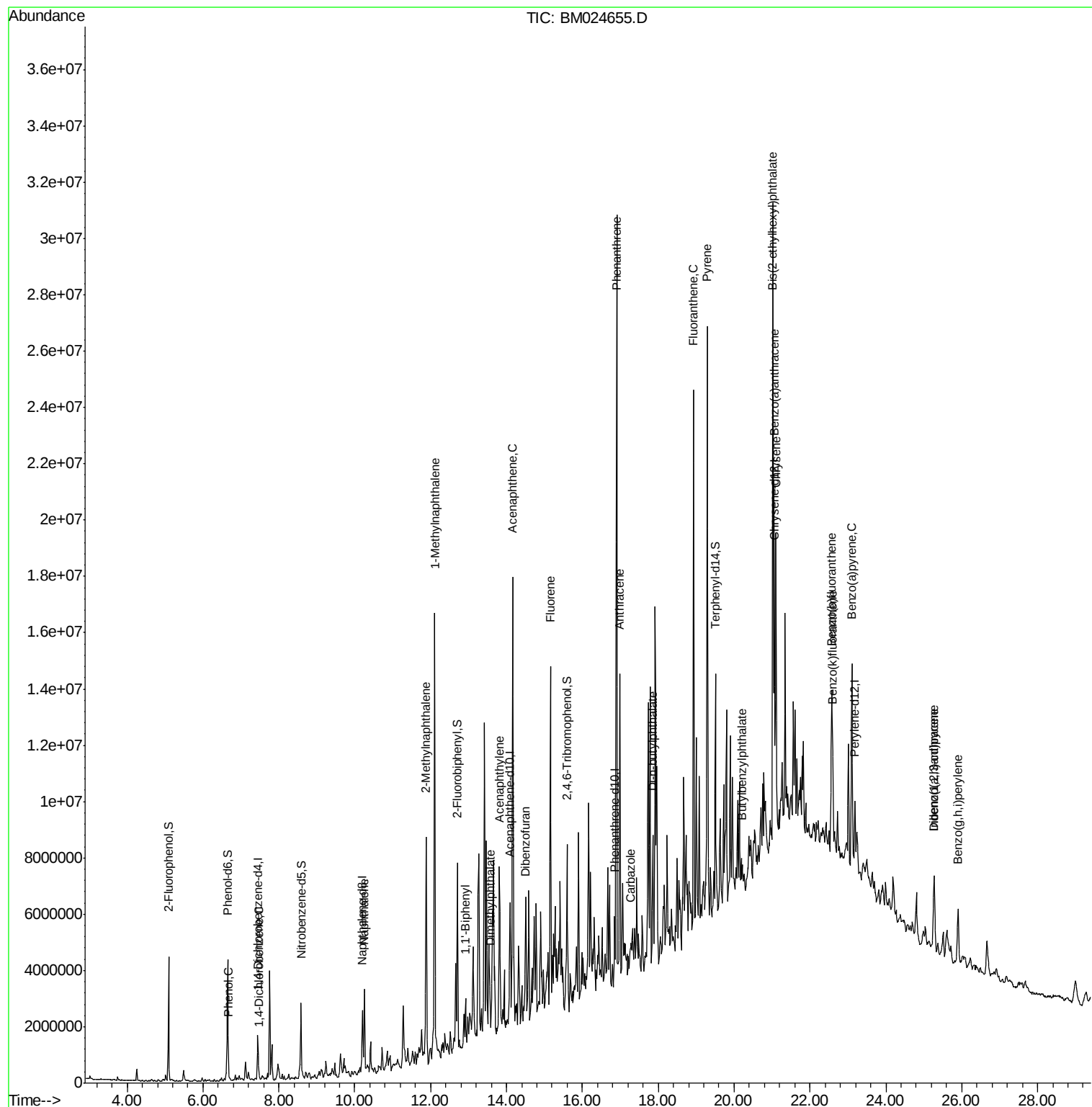
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024655.D
Acq On : 29 Jan 2020 18:05
Operator : CG/JU
Sample : L1287-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

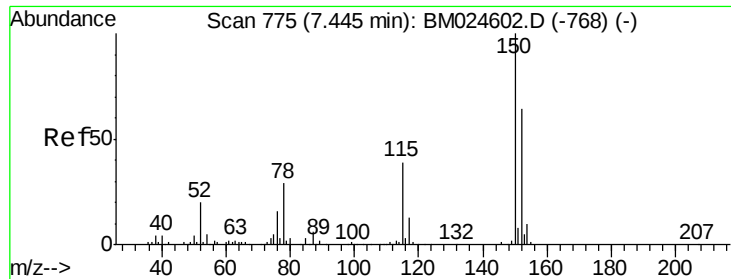
Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

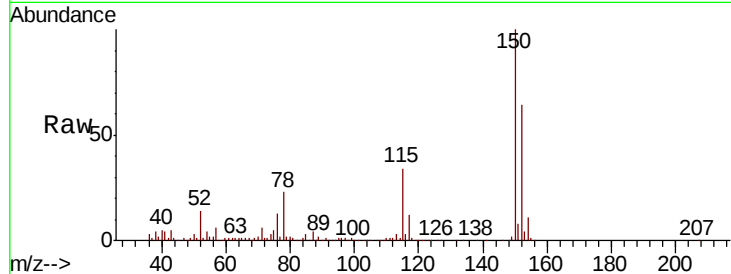
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.4
115	53.1	48.6	72.8

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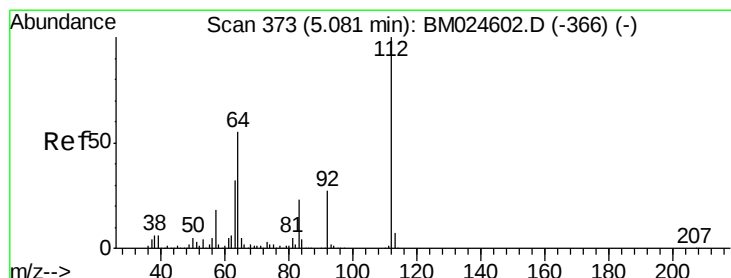
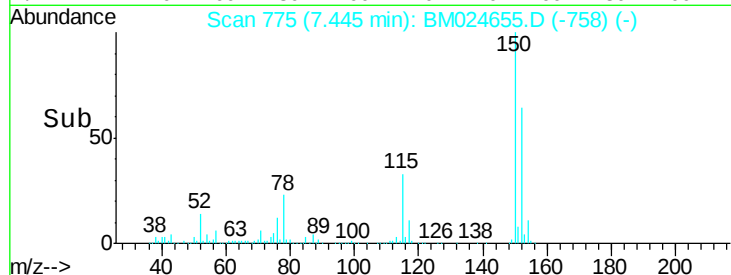
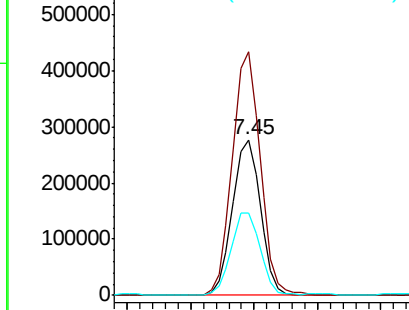


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

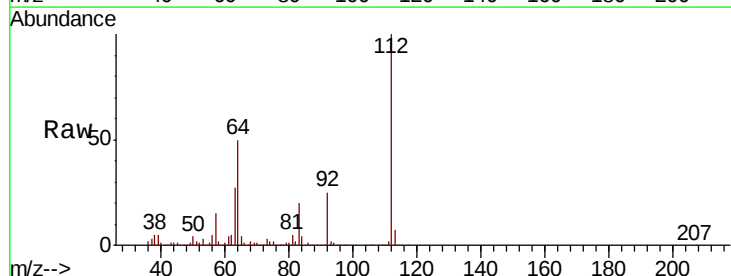
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.743 ng
RT: 5.09 min Scan# 375
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	44.2	66.4
63	26.9	25.9	38.9

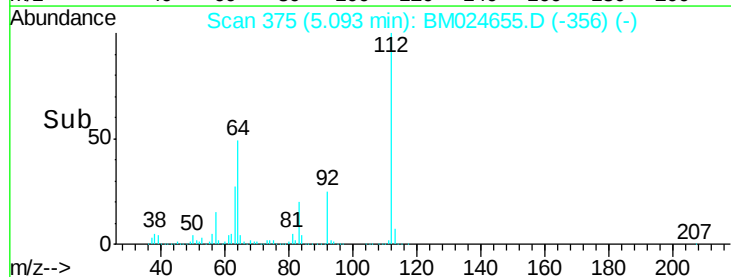
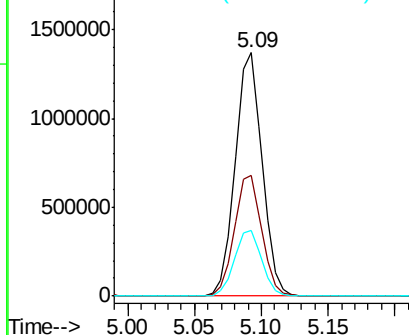


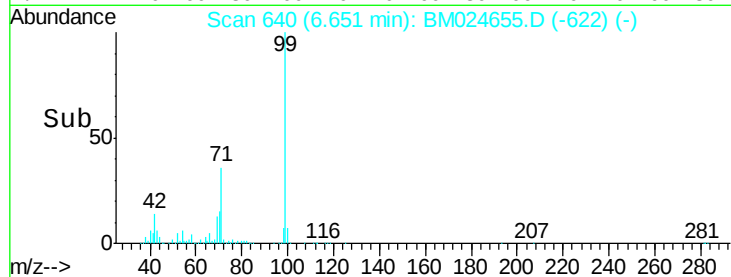
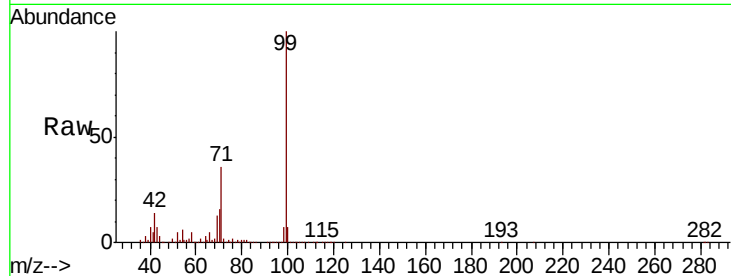
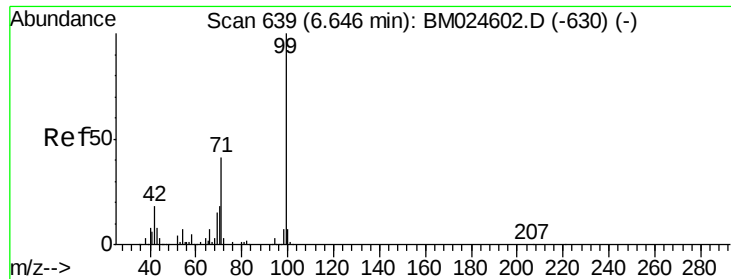
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 79.619 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tot Ion: 99 Resp: 2435079

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 36.5 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

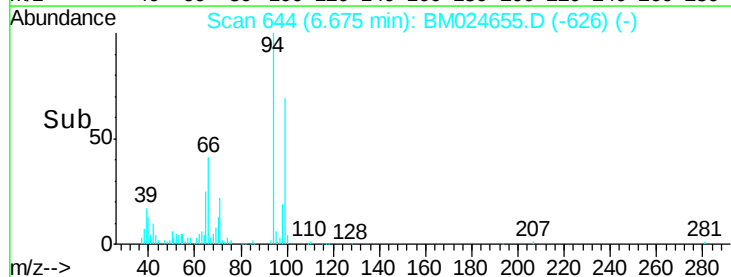
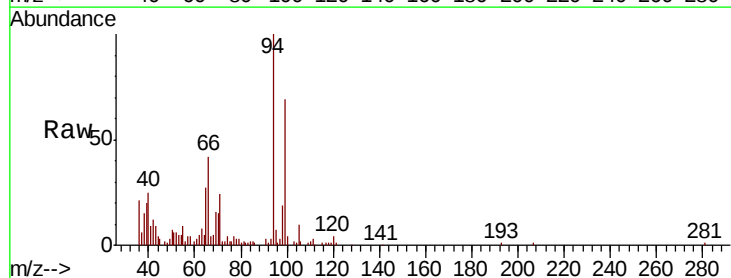
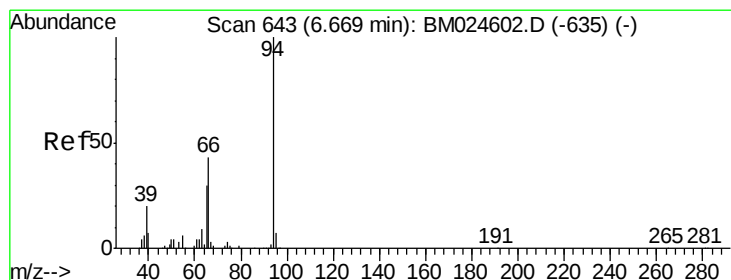
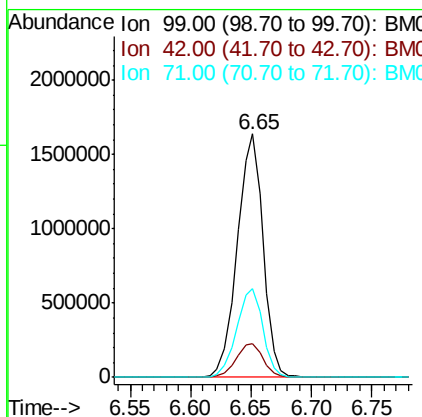
AOC-3-EXC-PIT-(0-5)-B

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#10

Phenol

Concen: 3.087 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

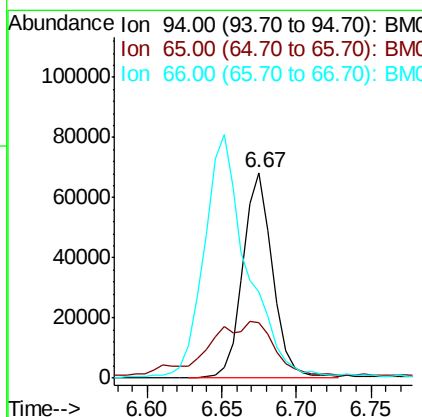
Tgt Ion: 94 Resp: 94103

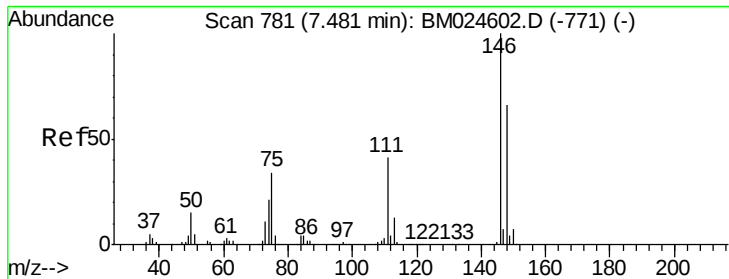
Ion Ratio Lower Upper

94 100

65 27.3 10.3 50.3

66 41.8 24.8 64.8





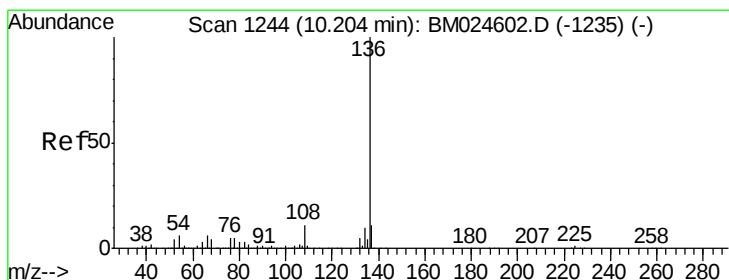
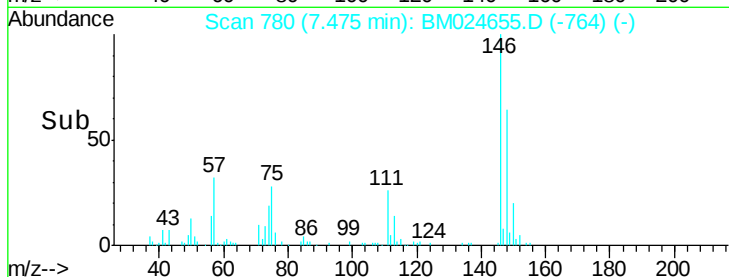
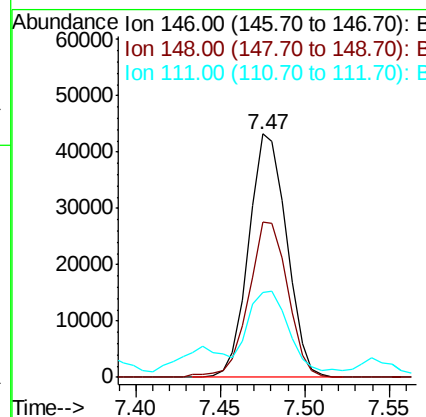
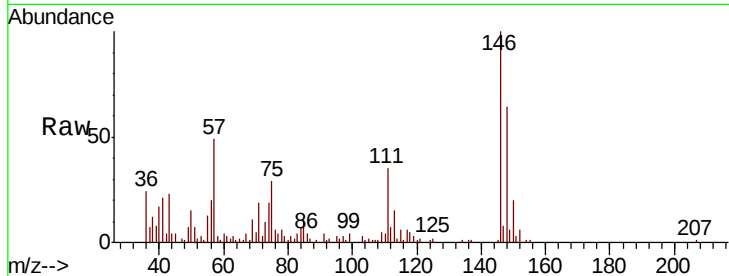
#13
1,4-Dichlorobenzene
Concen: 2.145 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.5	78.7
111	34.9	33.0	49.4

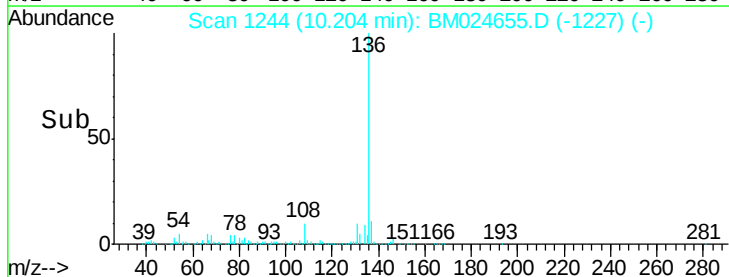
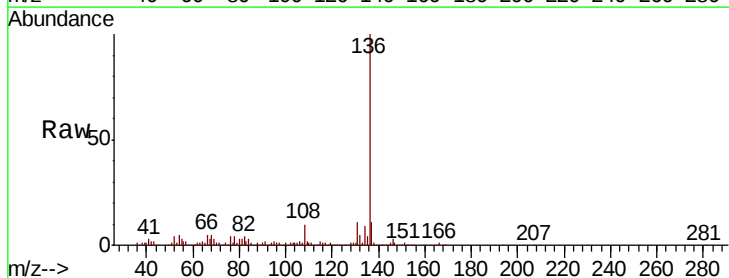
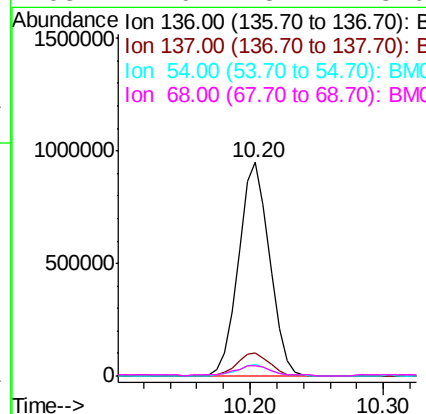
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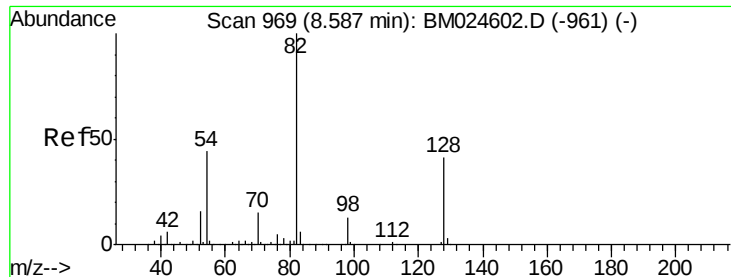
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	4.5	6.7
68	4.9	3.4	5.0





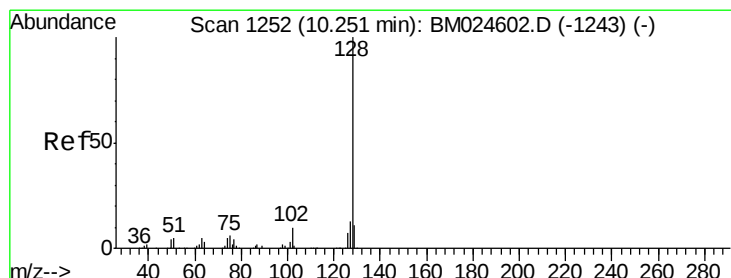
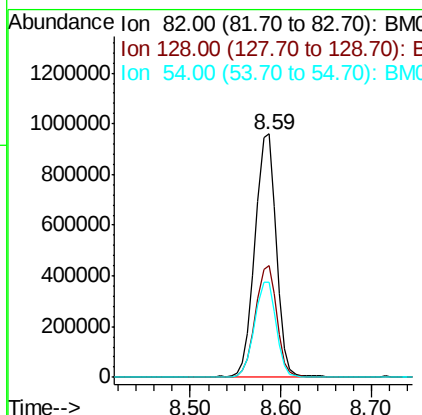
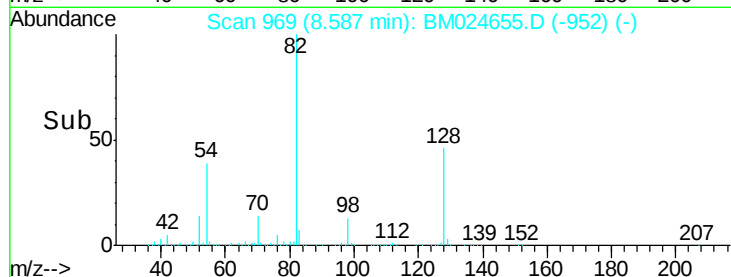
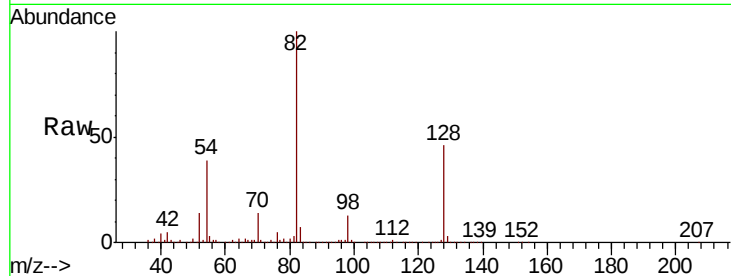
#23
Nitrobenzene-d5
Concen: 50.398 ng
RT: 8.59 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.6	48.8
54	39.3	34.8	52.2

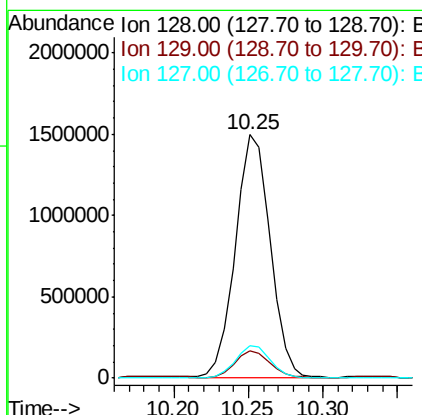
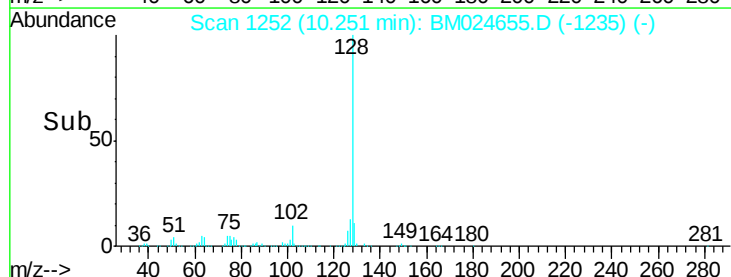
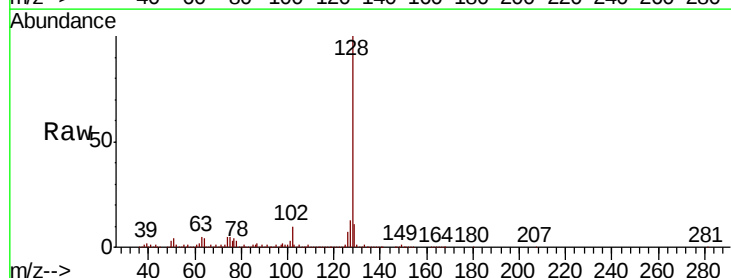
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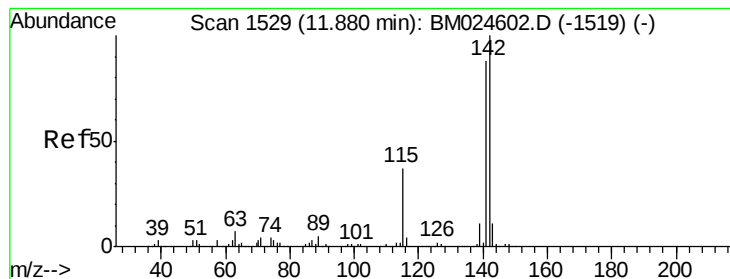
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#31
Naphthalene
Concen: 31.414 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.6	15.8





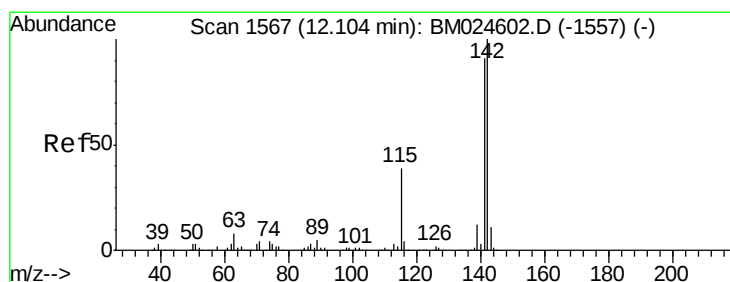
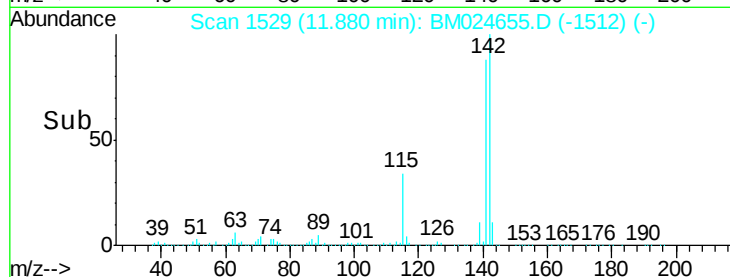
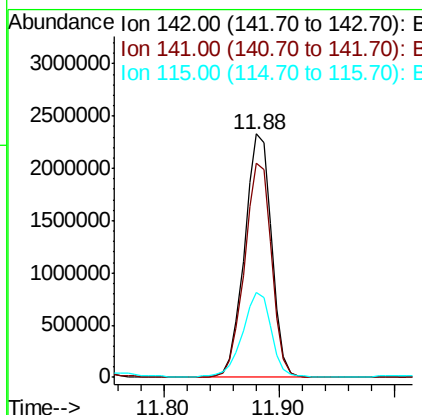
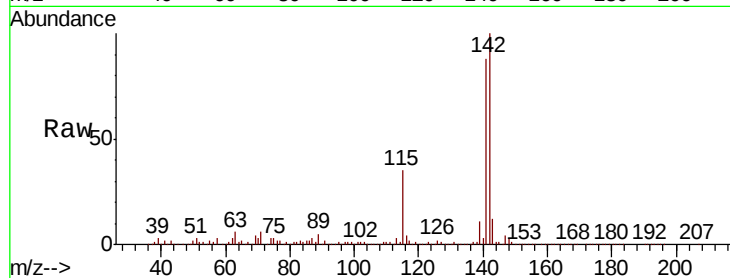
#37
2-Methylnaphthalene
Concen: 63.537 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion:142 Resp: 3767163
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2
115 35.0 29.7 44.5

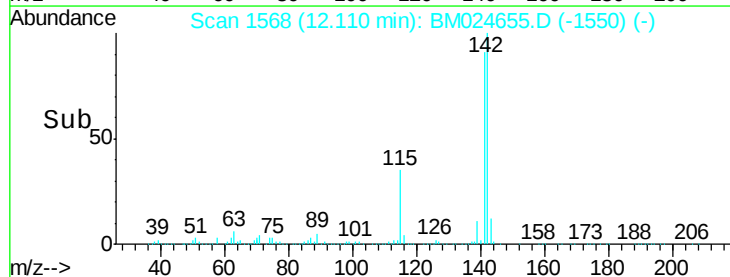
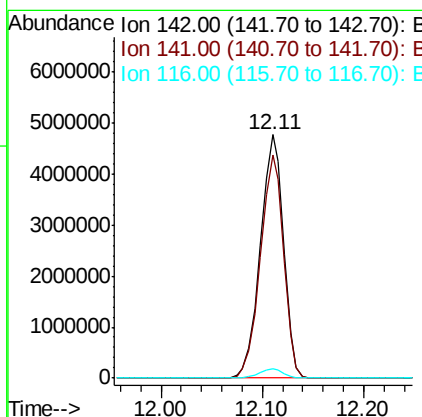
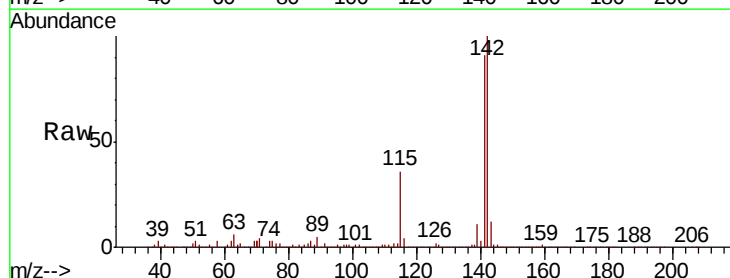
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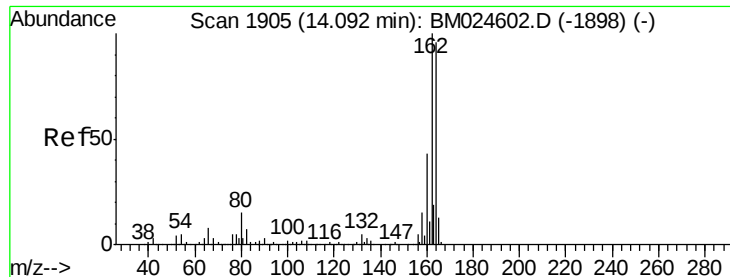
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#38
1-Methylnaphthalene
Concen: 133.853 ng
RT: 12.11 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:142 Resp: 7549137
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2
116 3.8 3.2 4.8





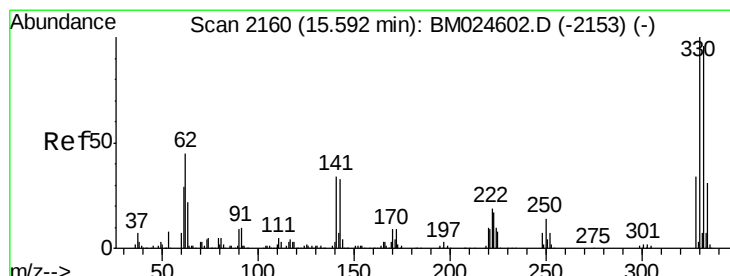
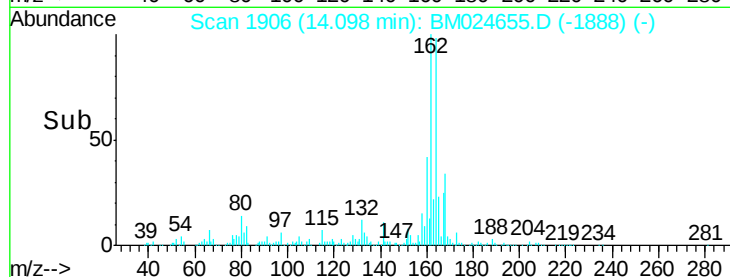
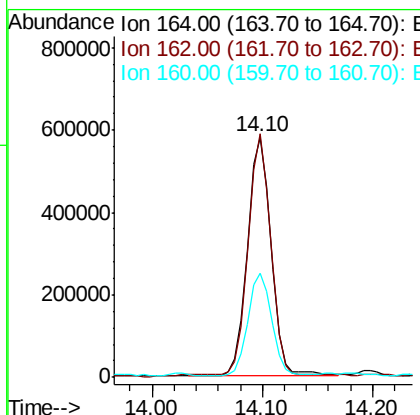
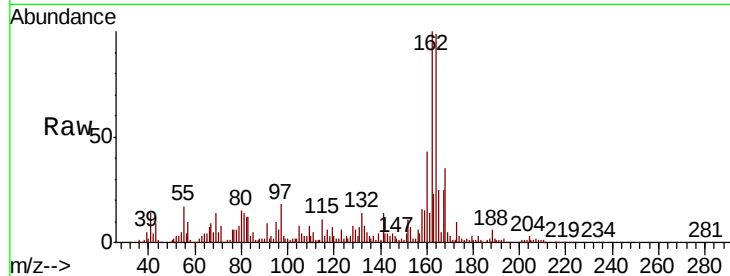
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.9	124.3
160	43.6	35.5	53.3

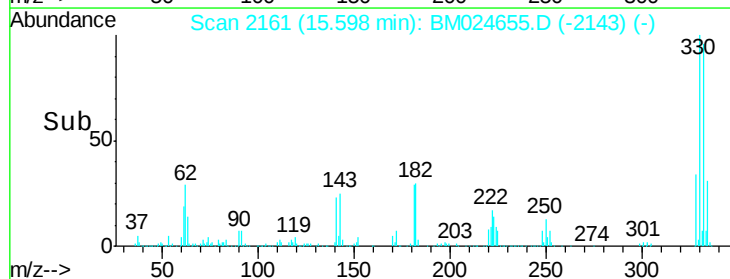
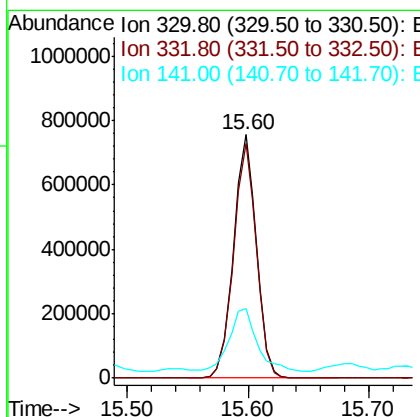
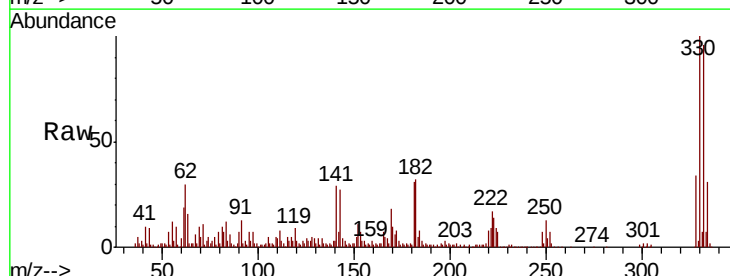
Manual Integrations
APPROVED

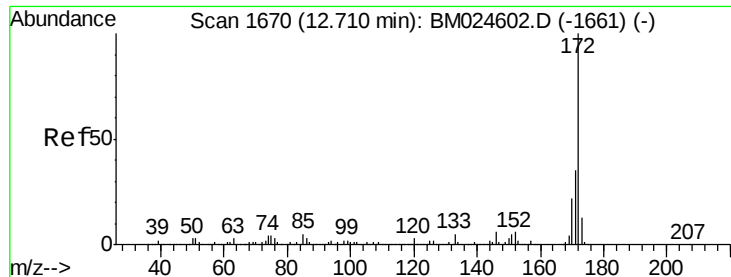
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#42
2,4,6-Tribromophenol
Concen: 70.230 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	31.7	26.9	40.3





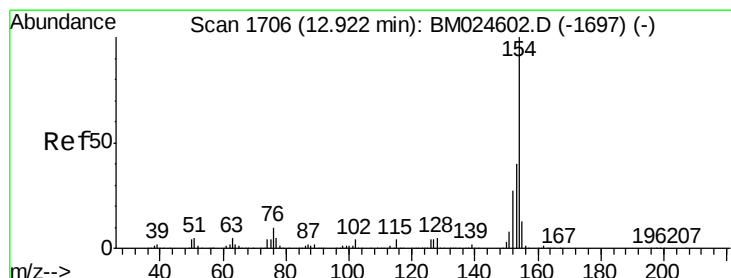
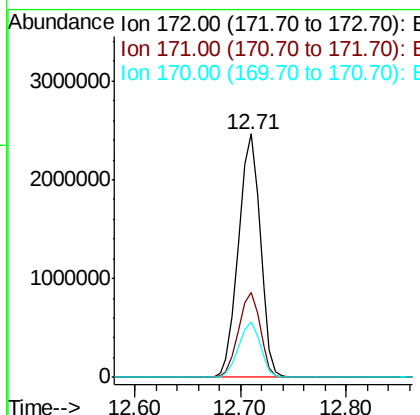
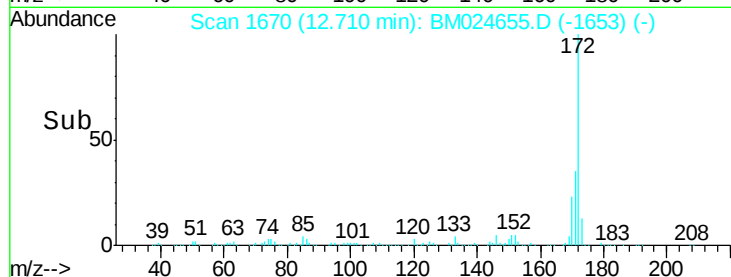
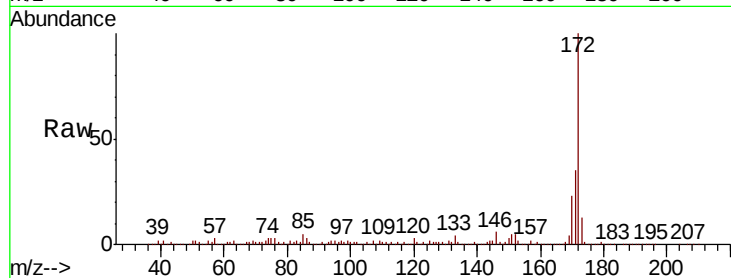
#45
2-Fluorobiphenyl
Concen: 54.617 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	17.9	26.9

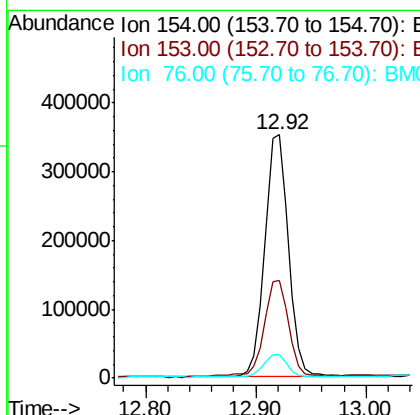
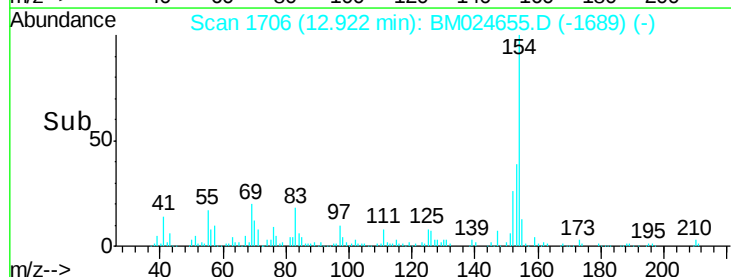
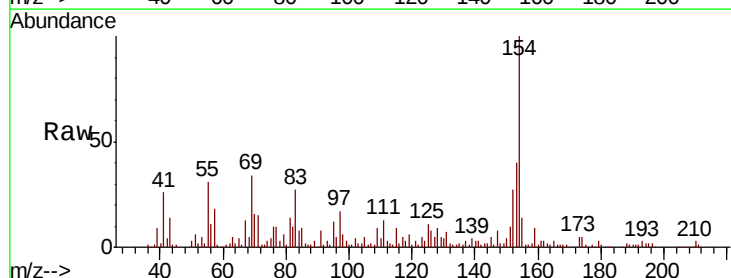
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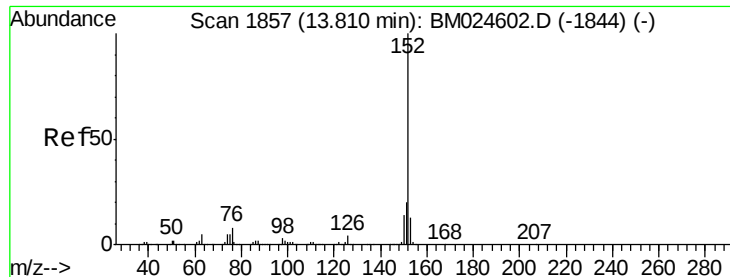
mohammad
1/30/2020 10:19:06 AM



#46
1,1'-Biphenyl
Concen: 8.058 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	9.7	0.0	30.5





#49

Acenaphthylene

Concen: 37.731 ng

RT: 13.82 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:152 Resp: 3012680

Ion Ratio Lower Upper

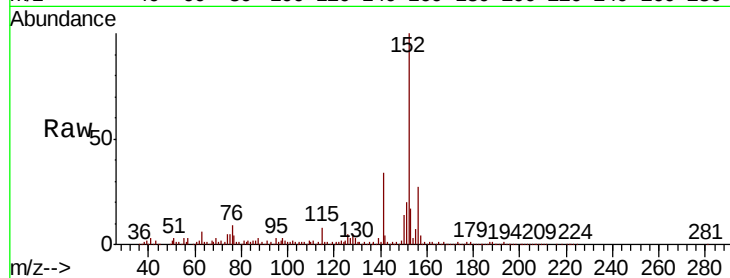
152 100

151 20.3 15.8 23.6

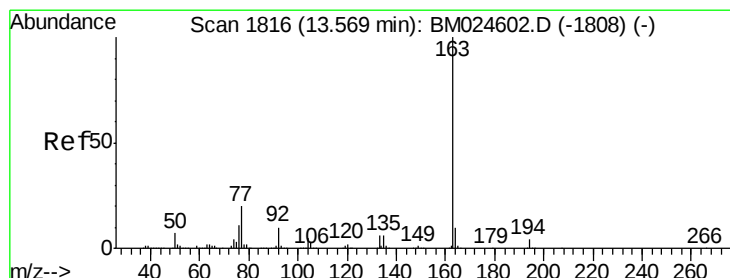
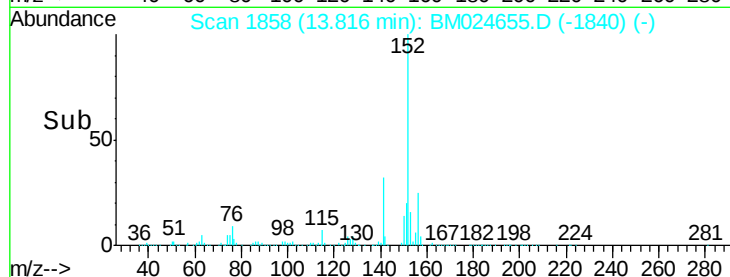
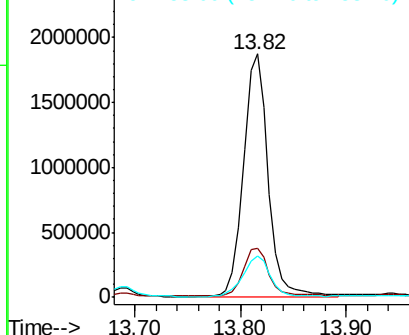
153 16.8 10.4 15.6#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.987 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

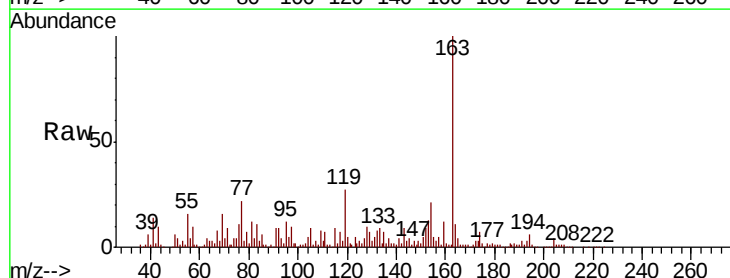
Tgt Ion:163 Resp: 563839

Ion Ratio Lower Upper

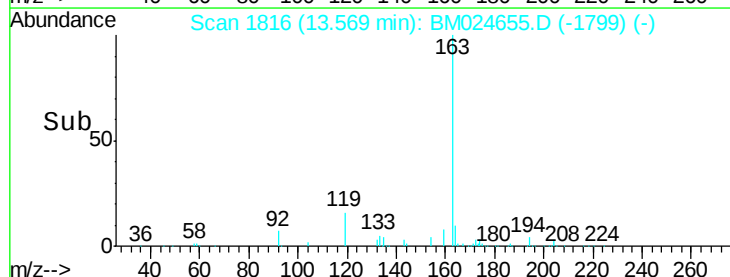
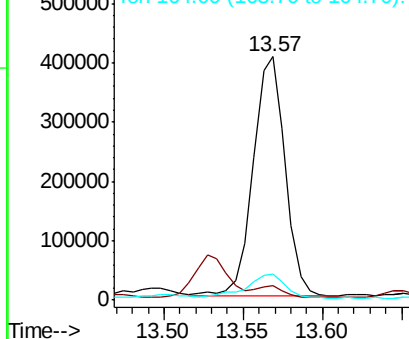
163 100

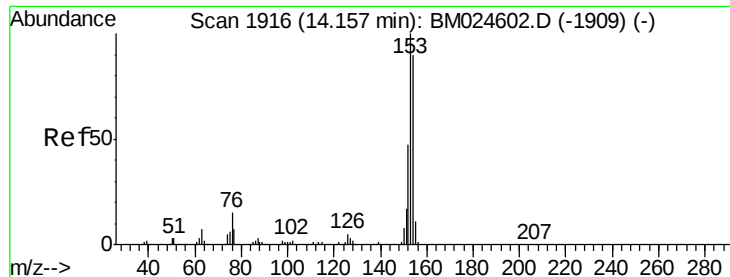
194 5.9 3.4 5.0#

164 10.6 8.0 12.0



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





#52

Acenaphthene

Concen: 110.086 ng

RT: 14.17 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:154 Resp: 5454410

Ion Ratio Lower Upper

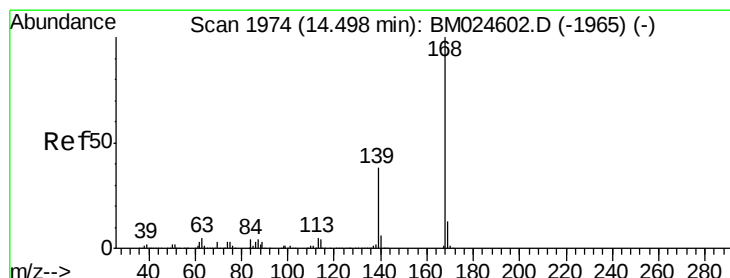
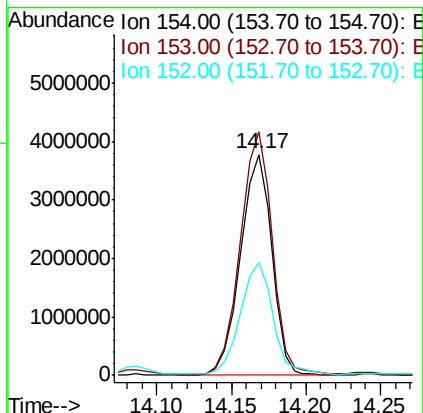
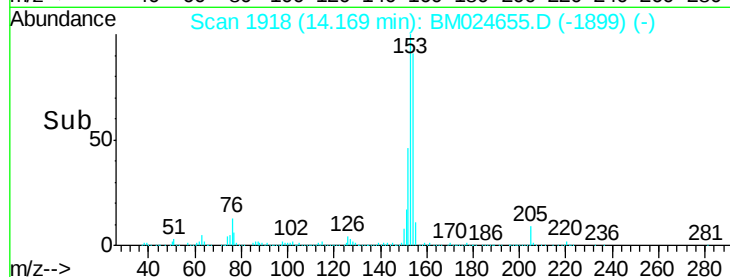
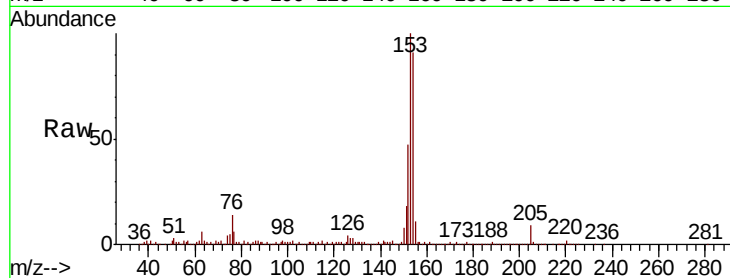
154 100

153 110.3 89.1 133.7

152 51.5 41.9 62.9

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#55

Dibenzofuran

Concen: 9.414 ng

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

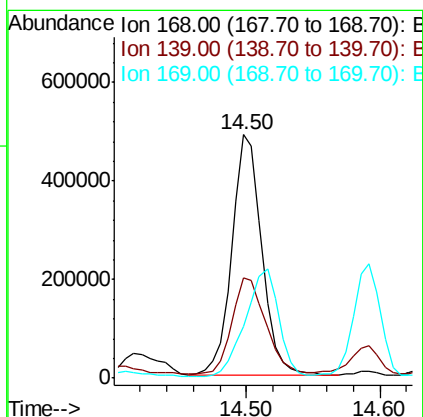
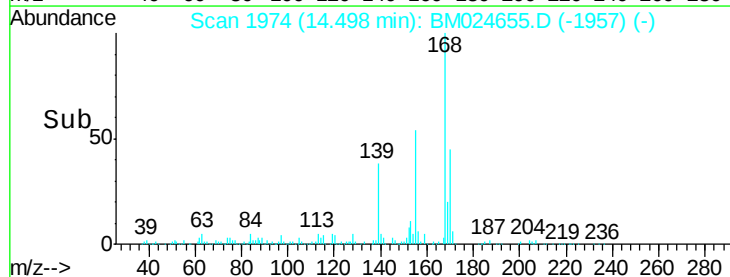
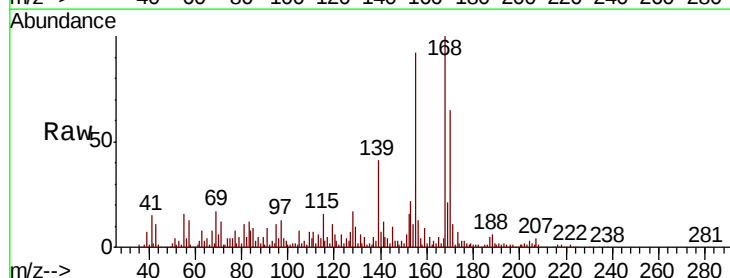
Tgt Ion:168 Resp: 760670

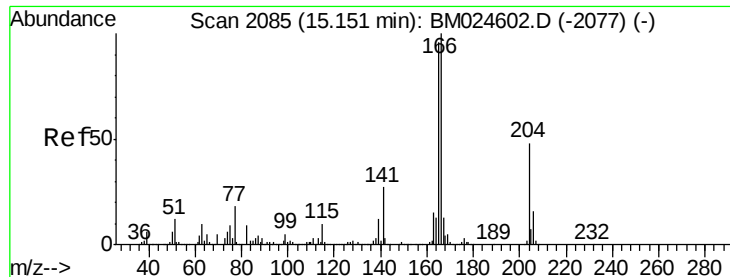
Ion Ratio Lower Upper

168 100

139 41.2 30.2 45.4

169 21.3 10.7 16.1#





#58

Fluorene

Concen: 76.251 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:166 Resp: 5177882

Ion Ratio Lower Upper

166 100

165 97.4 76.6 114.8

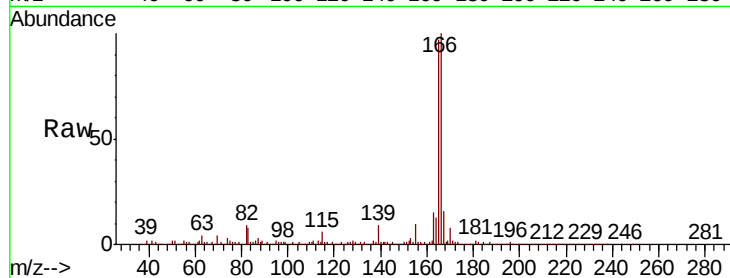
167 15.6 10.8 16.2

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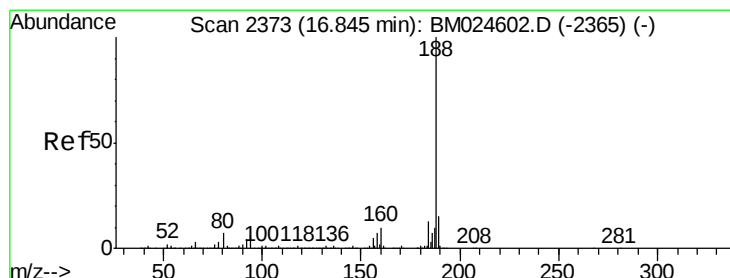
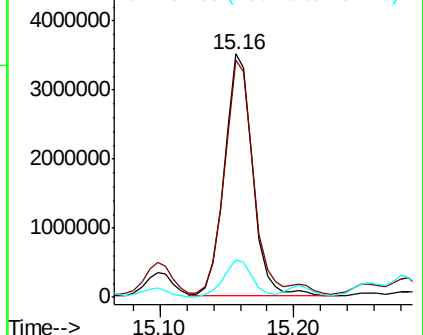
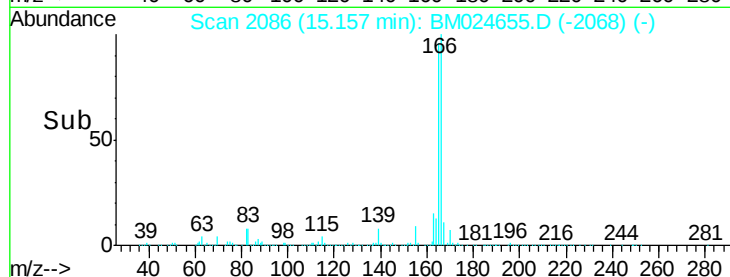
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

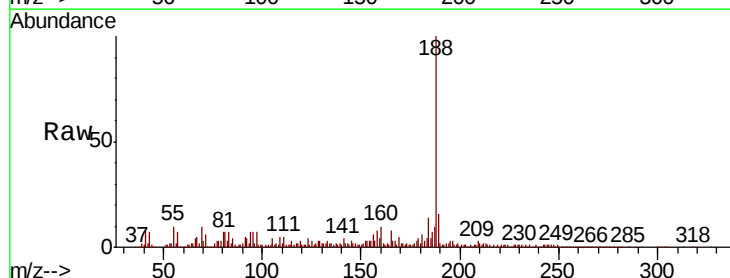
Tgt Ion:188 Resp: 1484032

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.6

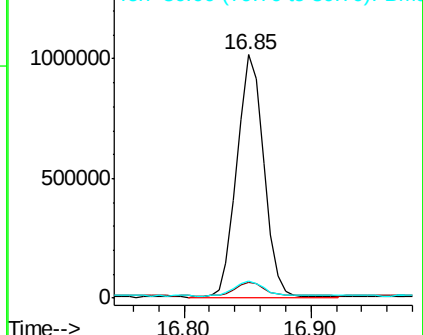
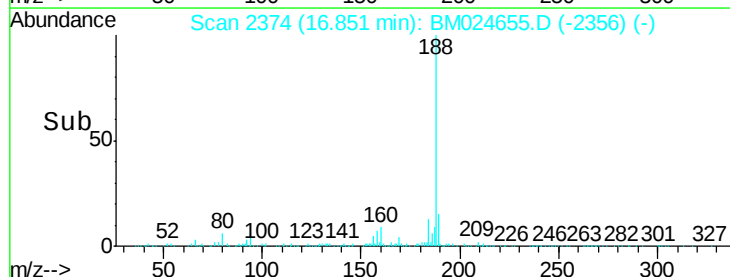
80 7.1 5.8 8.8

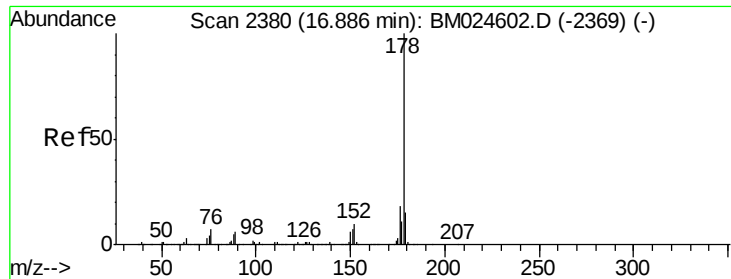


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





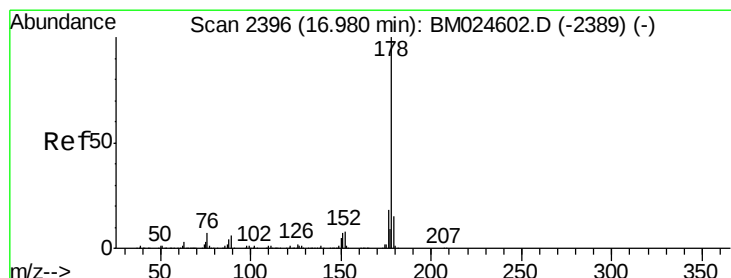
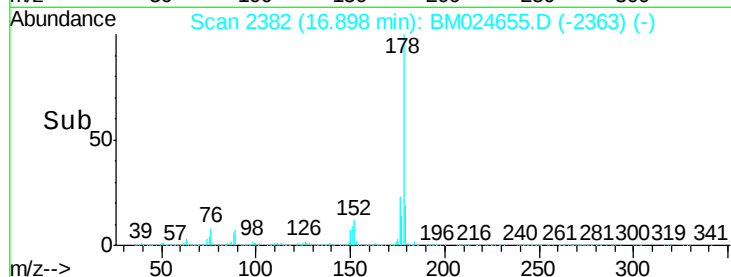
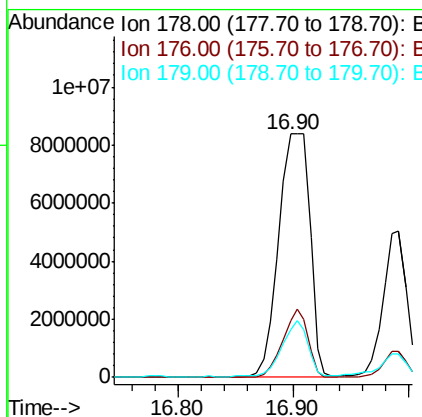
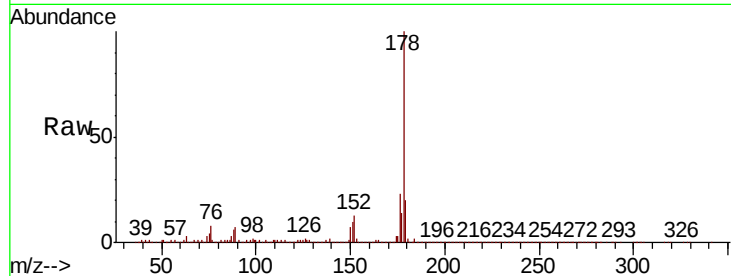
#71
Phenanthrene
Concen: 196.202 ng
RT: 16.90 min Scan# 2382
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion:178 Resp:15767354
Ion Ratio Lower Upper
178 100
176 23.3 14.5 21.7#
179 19.7 11.9 17.9#

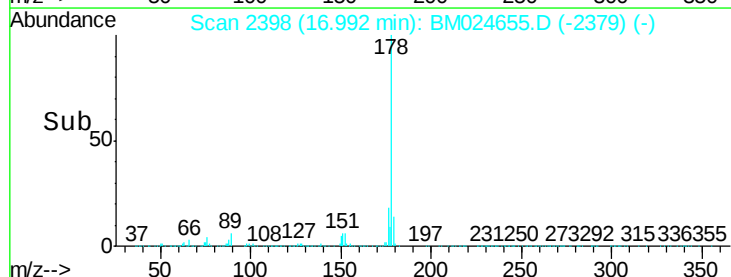
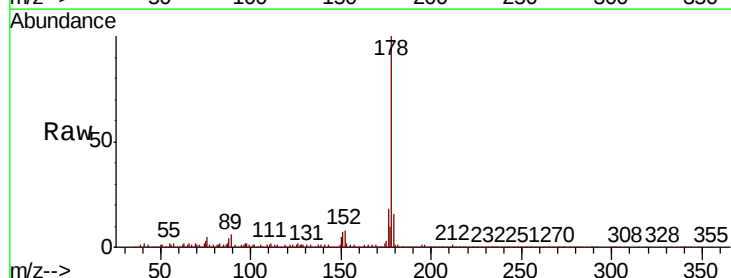
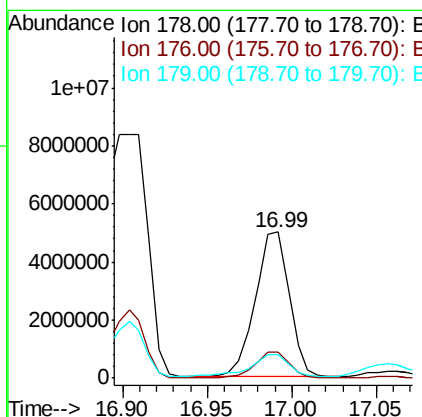
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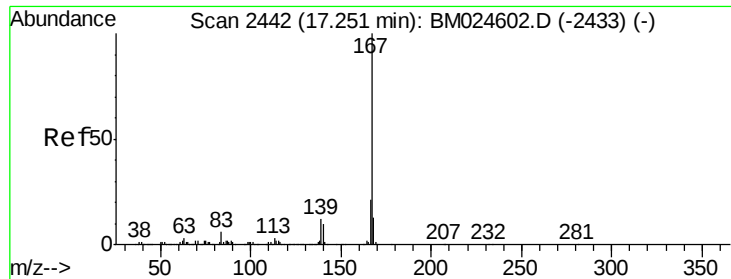
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#72
Anthracene
Concen: 89.101 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:178 Resp: 7006252
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 15.7 12.1 18.1





#73

Carbazole

Concen: 5.092 ng

RT: 17.26 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

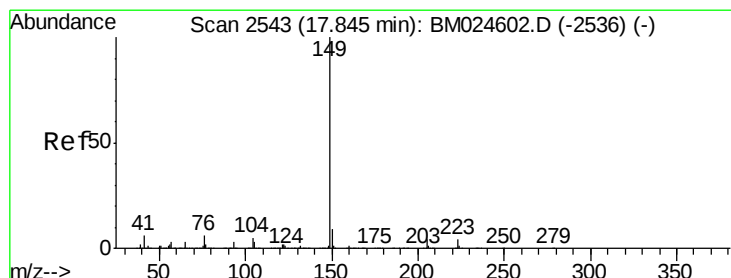
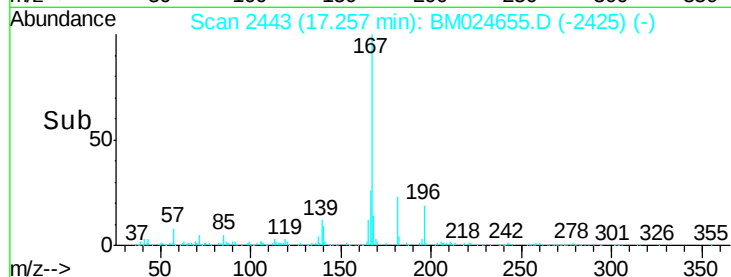
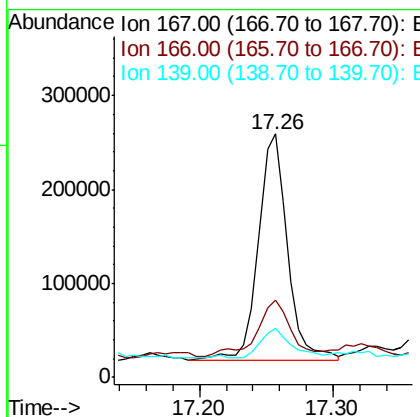
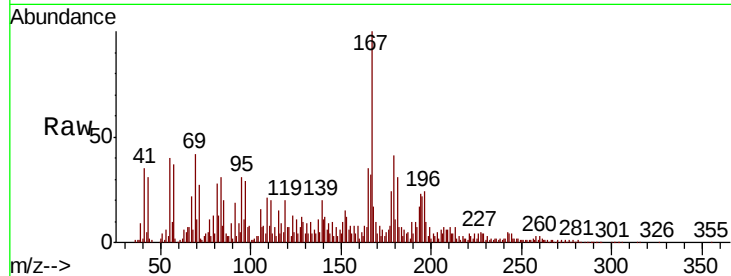
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:	167	Resp:	364524
Ion Ratio	Lower	Upper	
167	100		
166	31.5	17.1	25.7#
139	20.4	9.8	14.8#

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 2.703 ng

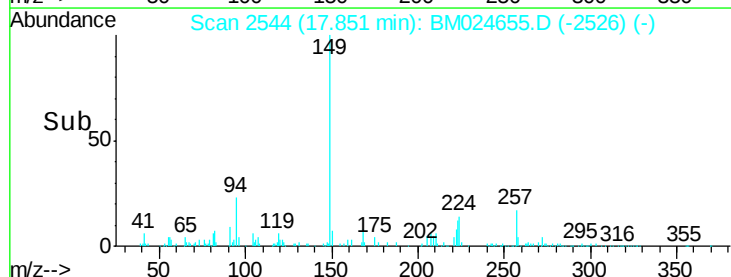
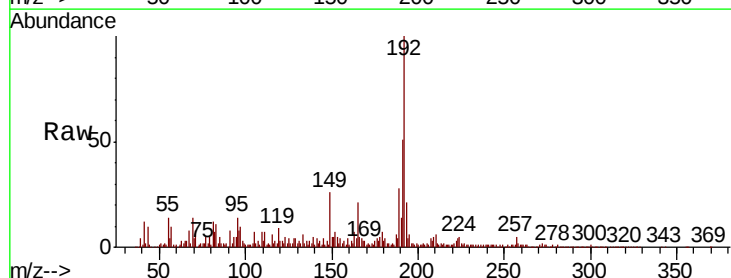
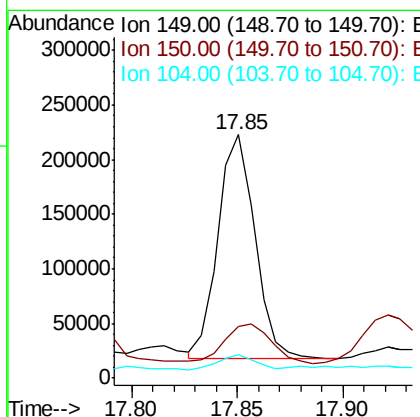
RT: 17.85 min Scan# 2544

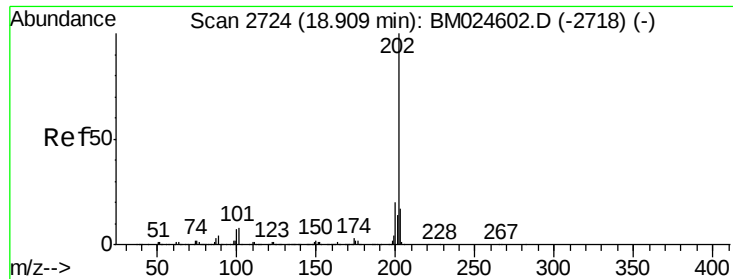
Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:	149	Resp:	247386
Ion Ratio	Lower	Upper	
149	100		
150	21.3	7.4	11.0#
104	9.7	4.3	6.5#





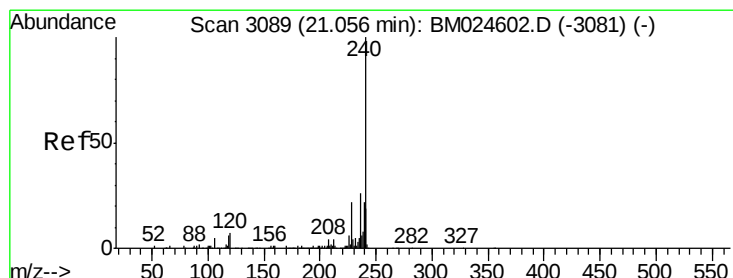
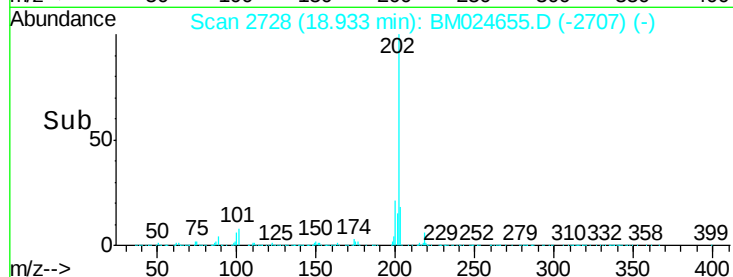
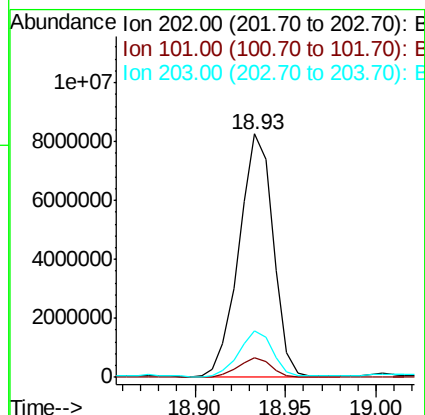
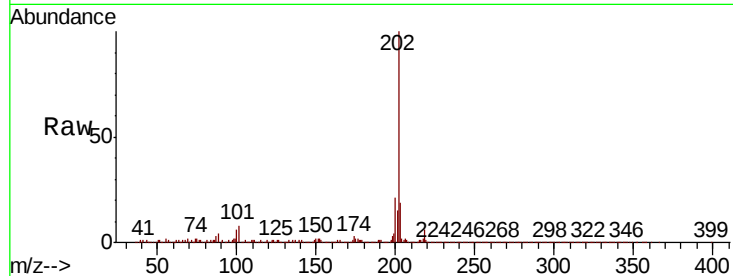
#75
 Fluoranthene
 Concen: 107.309 ng
 RT: 18.93 min Scan# 2728
 Delta R.T. 0.02 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-B

Tot Ion:202 Resp:10763181
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 28.4
 203 19.1 0.0 37.5

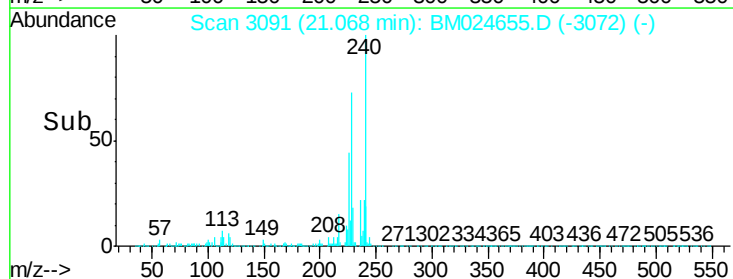
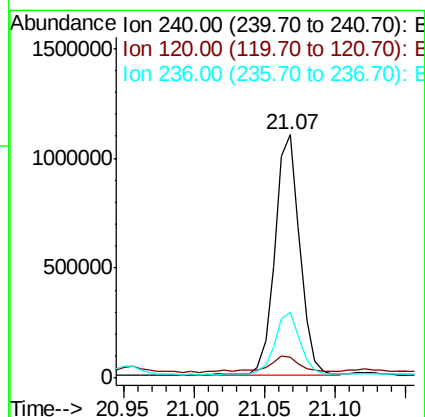
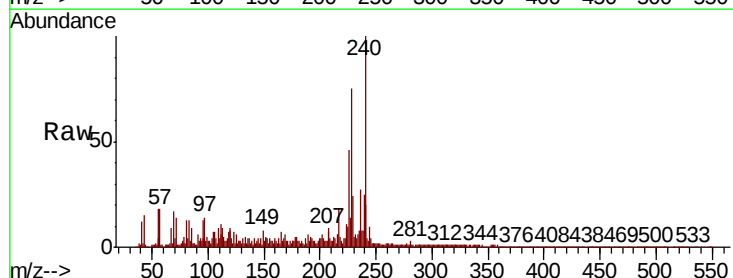
Manual Integrations
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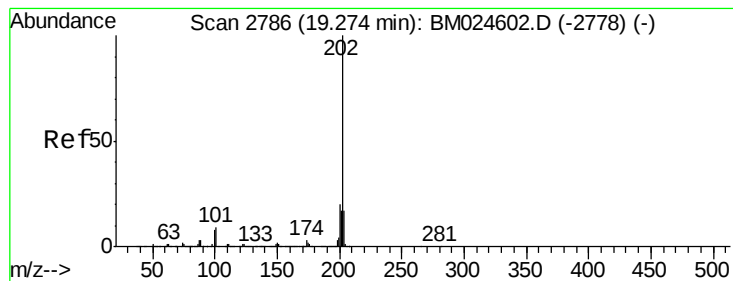
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Tgt Ion:240 Resp: 1348748
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.3 7.9#
 236 26.9 20.6 31.0





#78

Pvrene

Concen: 155.082 ng

RT: 19.29 min Scan# 2789

Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:202 Resp:13789066

Ion Ratio Lower Upper

202 100

200 23.3 16.2 24.2

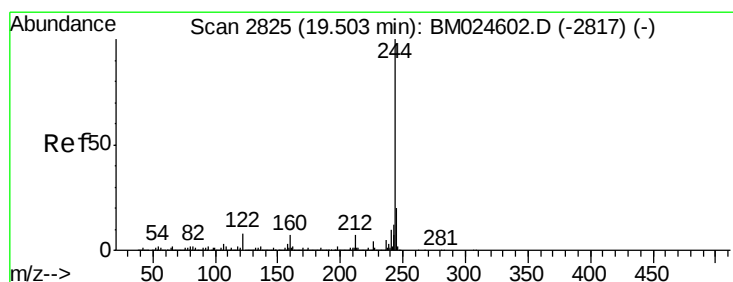
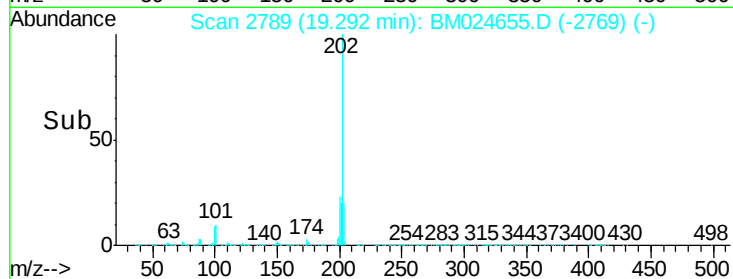
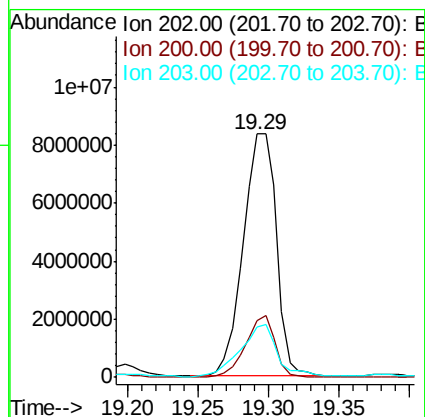
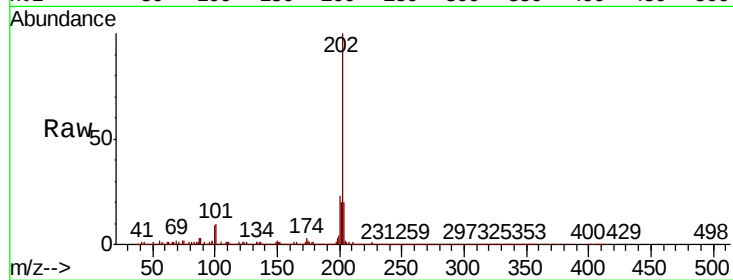
203 20.4 14.0 21.0

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#79

Terphenyl-d14

Concen: 53.592 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

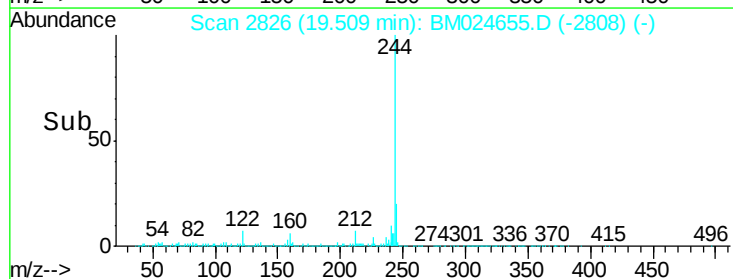
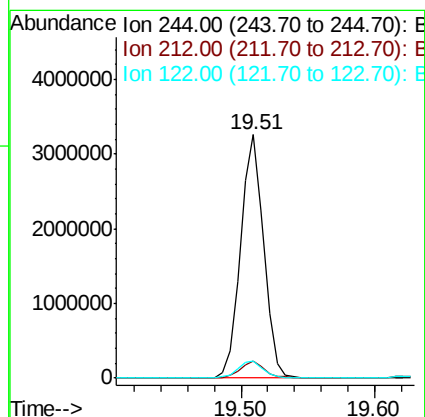
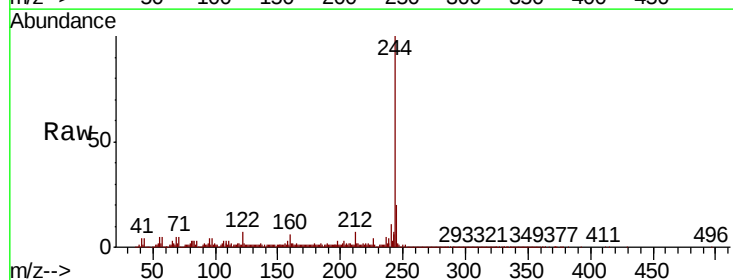
Tgt Ion:244 Resp: 3871779

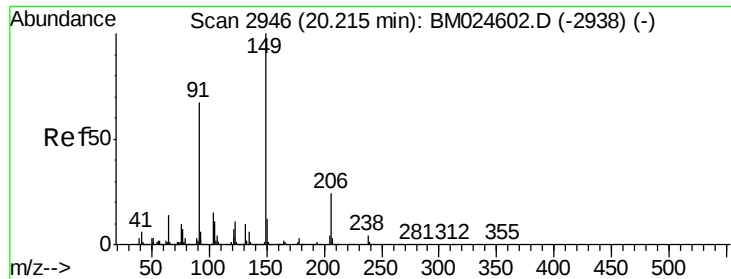
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 7.2 6.2 9.4





#80

Butylbenzylphthalate

Concen: 7.862 ng

RT: 20.22 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

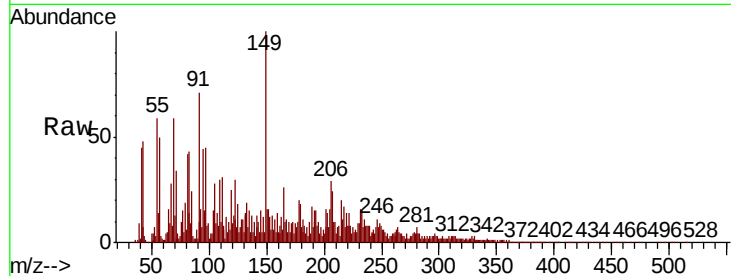
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:	149	Resp:	293344
Ion Ratio	Lower	Upper	
149	100		
91	70.8	53.9	80.9
206	29.0	19.0	28.6

Manual Integrations
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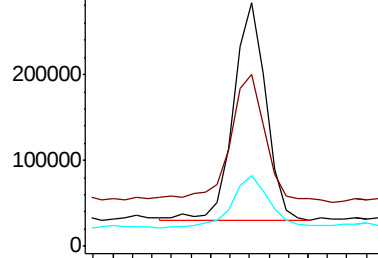
mohammad
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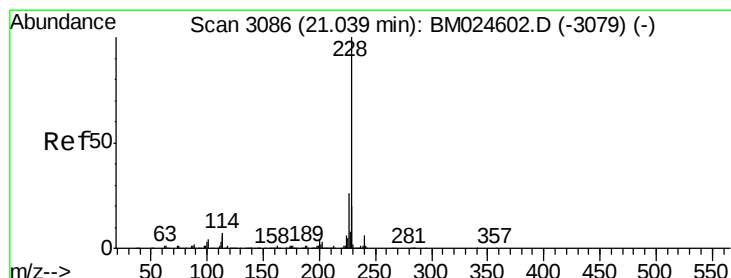
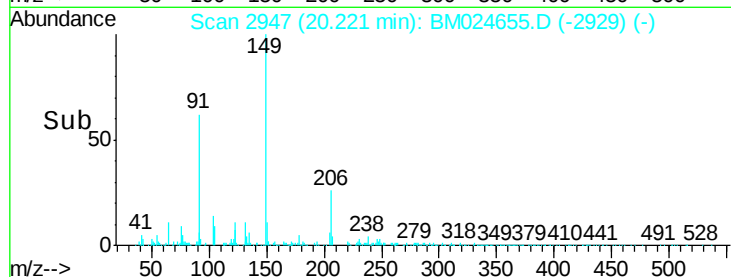
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 70.685 ng m

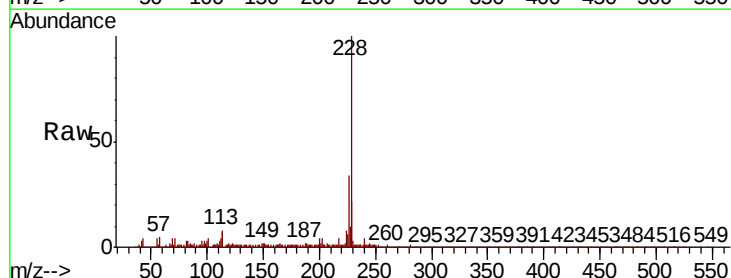
RT: 21.05 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

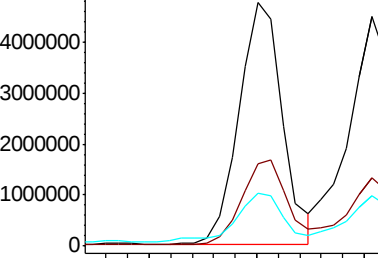
Tgt Ion:	228	Resp:	6616859
Ion Ratio	Lower	Upper	
228	100		
226	33.9	21.1	31.7
229	21.5	15.8	23.6



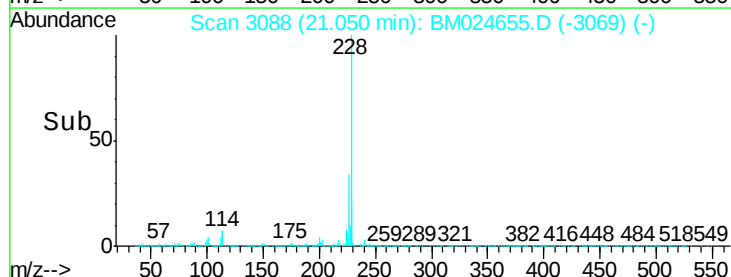
Abundance Ion 228.00 (227.70 to 228.70): E

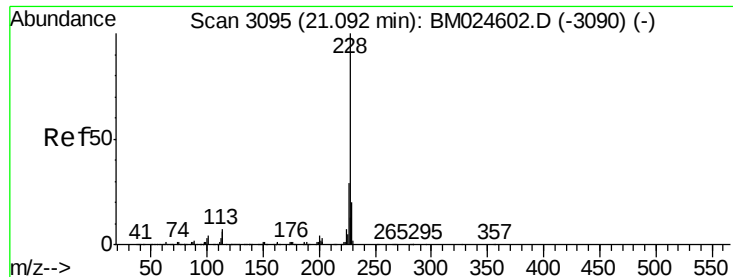
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





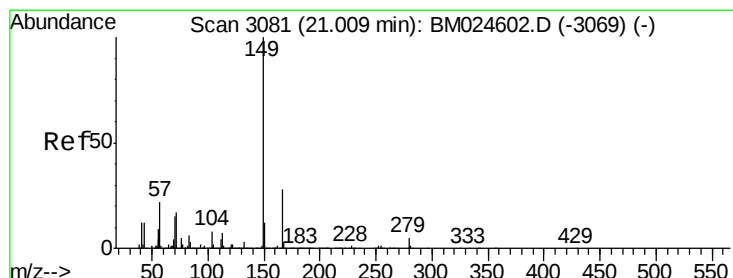
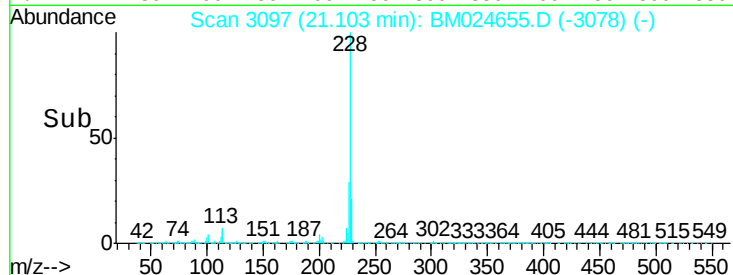
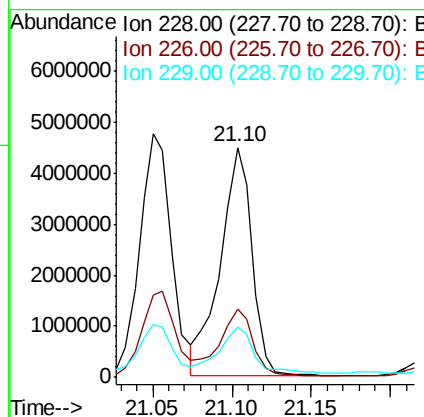
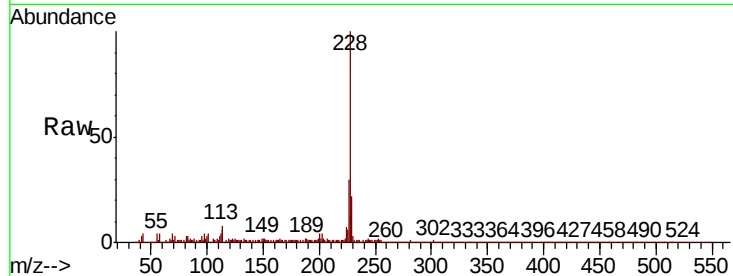
#83
Chrysene
Concen: 69.088 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion:228 Resp: 6171262
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 22.1 15.7 23.5

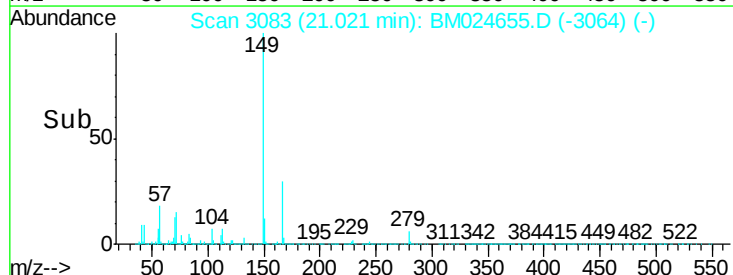
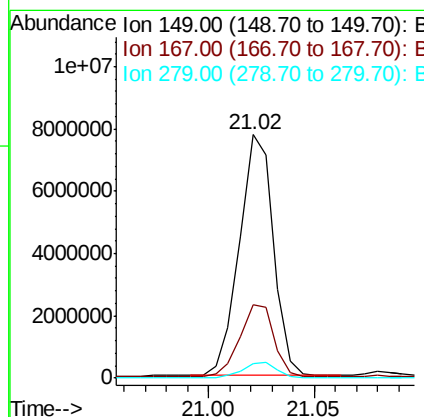
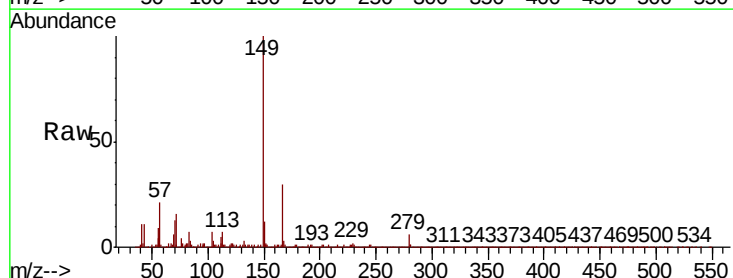
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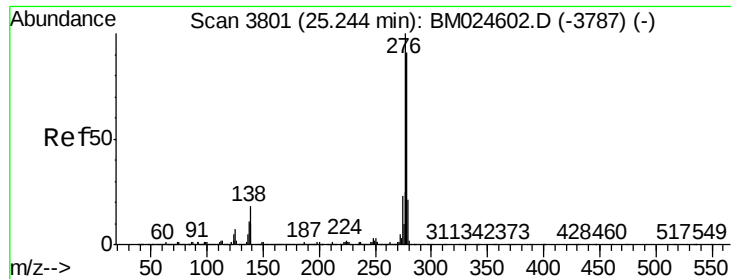
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 157.206 ng
RT: 21.02 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:149 Resp: 8654307
Ion Ratio Lower Upper
149 100
167 30.4 22.5 33.7
279 6.1 4.0 6.0#





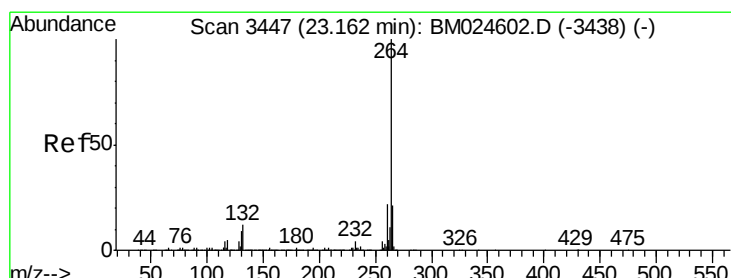
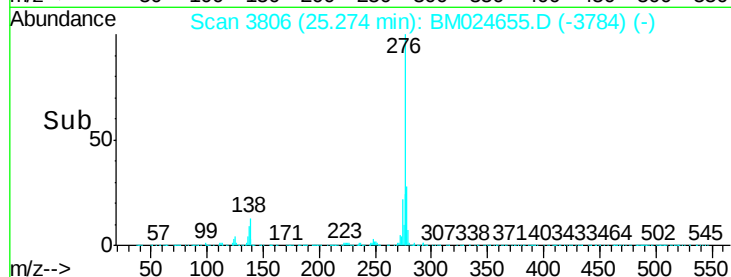
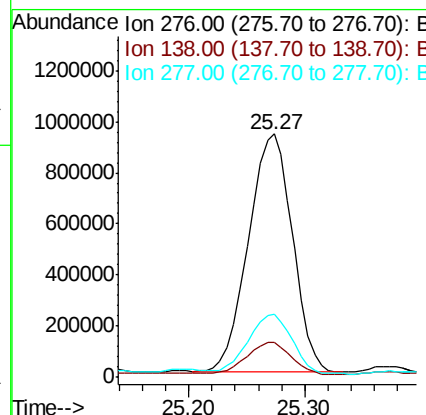
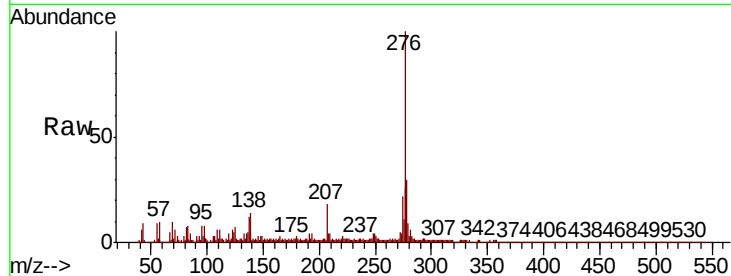
#86
Indeno(1,2,3-cd)pyrene
Concen: 25.406 ng
RT: 25.27 min Scan# 3806
Delta R.T. 0.03 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	13.4	20.0
277	24.9	19.6	29.4

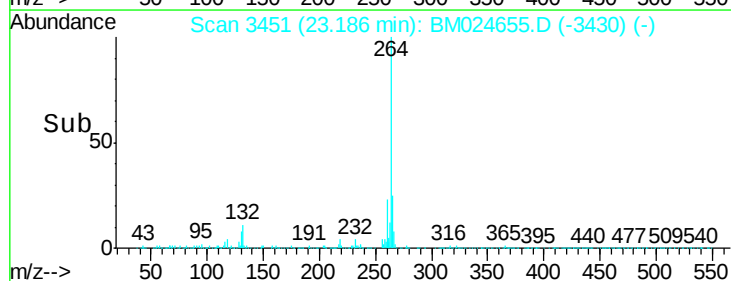
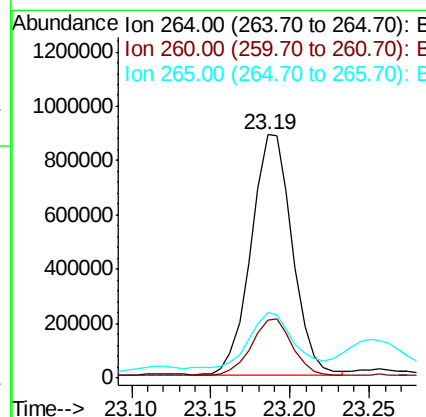
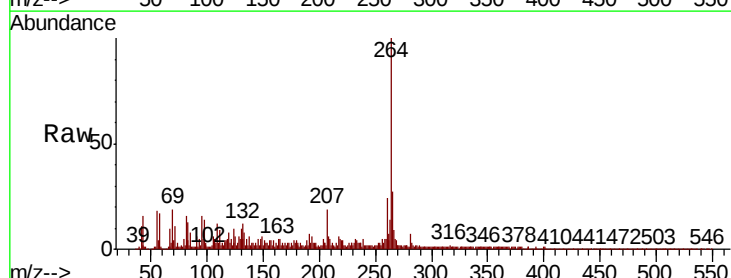
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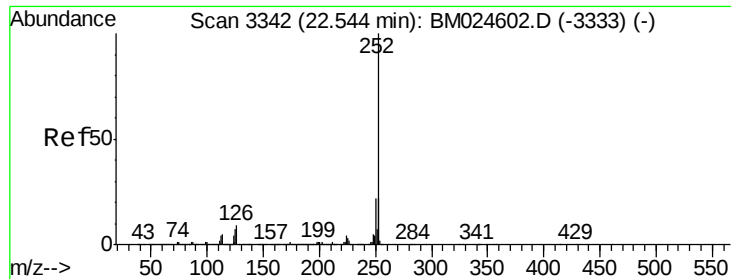
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3451
Delta R.T. 0.02 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	27.2	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 54.746 ng m

RT: 22.57 min Scan# 3347

Delta R.T. 0.03 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:252 Resp: 5675130

Ion Ratio Lower Upper

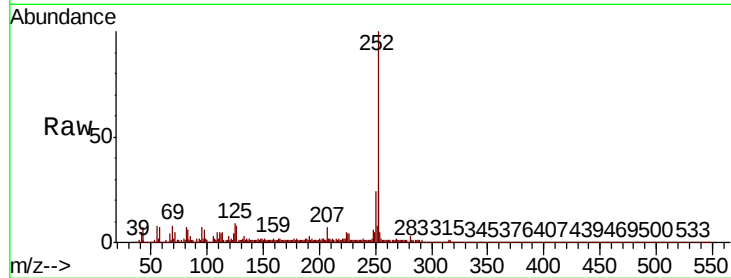
252 100

253 23.9 17.6 26.4

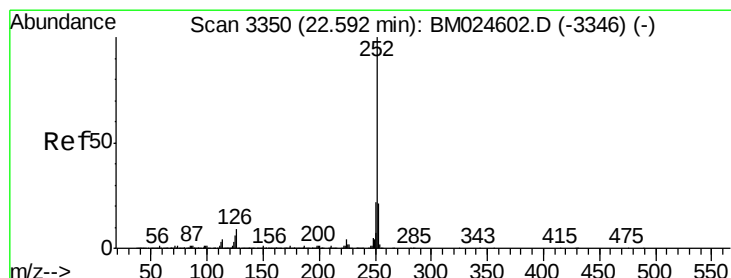
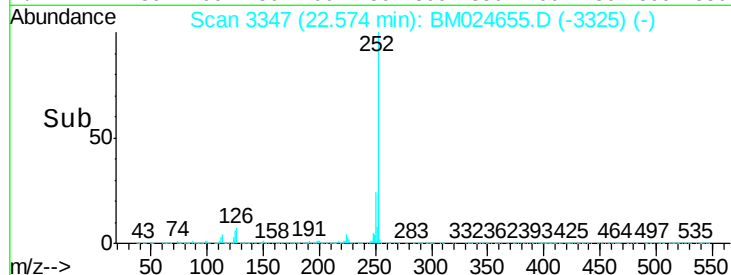
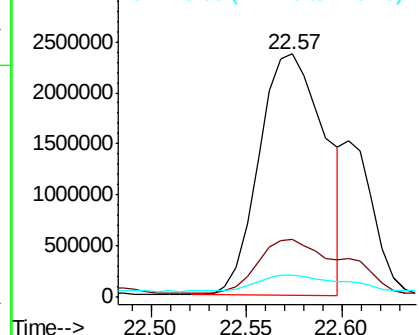
125 9.0 5.7 8.5#

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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



#89

Benzo(k)fluoranthene

Concen: 16.133 ng m

RT: 22.60 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:252 Resp: 1632450

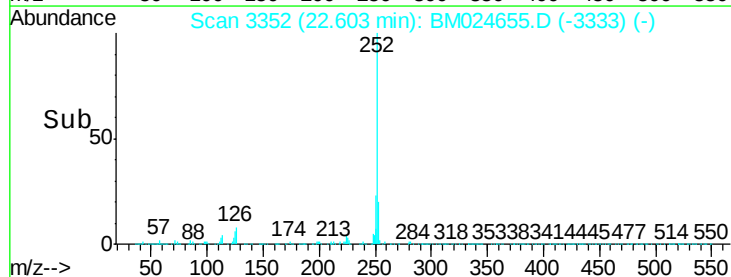
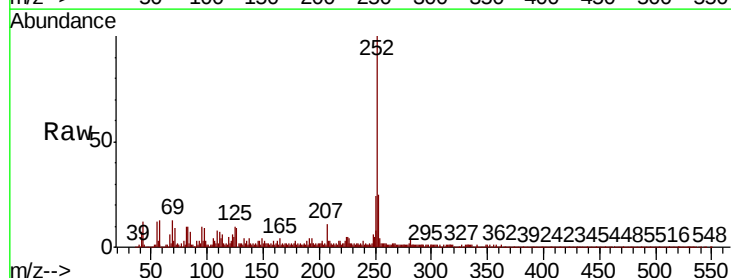
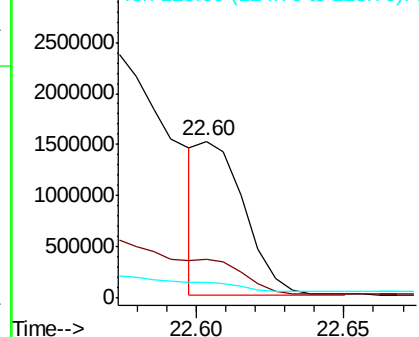
Ion Ratio Lower Upper

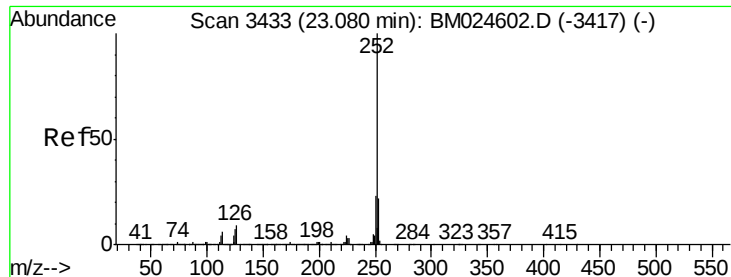
252 100

253 24.7 17.3 25.9

125 10.2 5.2 7.8#

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: 53.986 ng

RT: 23.10 min Scan# 3437

Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

AOC-3-EXC-PIT-(0-5)-B

Tot Ion:252 Resp: 5088076

Ion Ratio Lower Upper

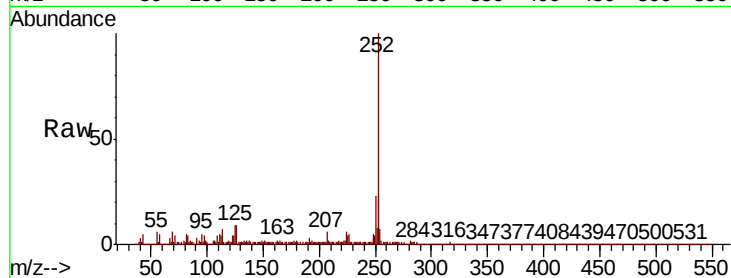
252 100

253 23.2 17.3 25.9

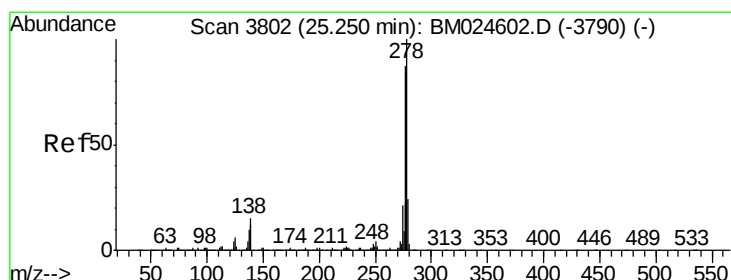
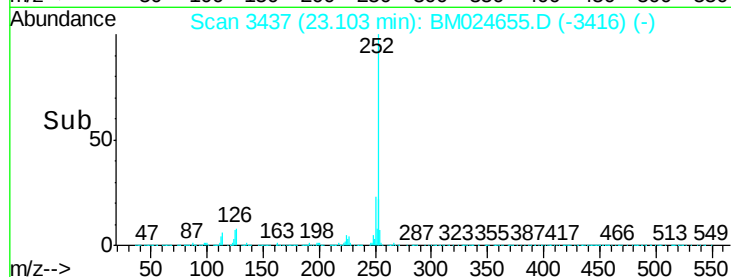
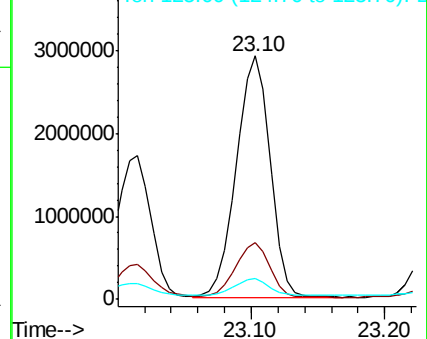
125 8.5 5.8 8.8

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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



#91

Dibenzo(a,h)anthracene

Concen: 8.700 ng

RT: 25.27 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

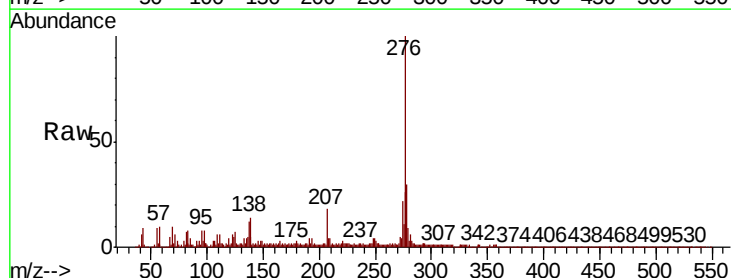
Tgt Ion:278 Resp: 778261

Ion Ratio Lower Upper

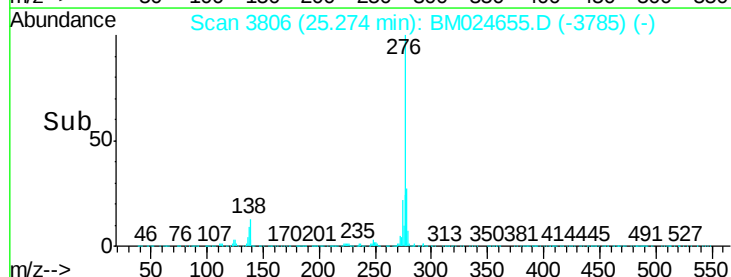
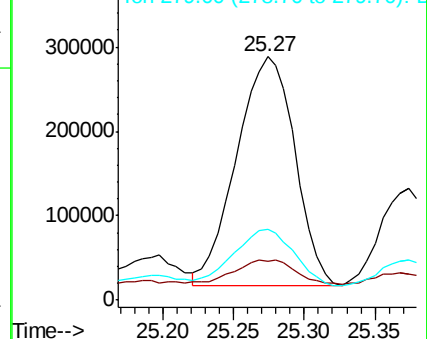
278 100

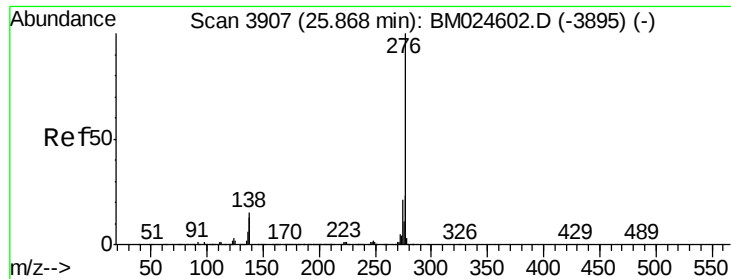
139 15.9 9.3 13.9#

279 29.3 18.9 28.3#



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





#92
 Benzo(a,h,i)perylene
 Concen: 30.065 ng
 RT: 25.90 min Scan# 3913
 Delta R.T. 0.04 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 AOC-3-EXC-PIT-(0-5)-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	14.2	11.9	17.9

Manual Integrations
 APPROVED

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 1/30/2020 10:19:06 AM

