

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
 Data File : BM023873.D
 Acq On : 23 Nov 2019 00:58
 Operator : JU
 Sample : K5854-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Manual Integrations
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mohammad
 11/25/2019 8:20:50 AM

Quant Time: Nov 25 00:50:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 23 05:21:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	422677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1680452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1006679	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2006760	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2073550	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2570312	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	27914	2.72	ng/uL	0.01
5) Phenol-d5	6.70	99	649723	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	373389	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	528663	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	488582	15.90	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	251307	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	286008	22.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	522172	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	441598	13.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1513133	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1869372	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	136259	10.17	ng/ul	0.01
58) Fluorene-d10	15.17	176	1357415	19.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	65022	5.60	ng/ul	0.00
71) Anthracene-d10	17.02	188	2092157	21.98	ng/ul	0.00
79) Pyrene-d10	19.33	212	2227450	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2887585	21.35	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	6.73	94	193316	4.870	ng/ul 96
14) Acetophenone	8.33	105	216344m	4.513	ng/ul
16) 4-Methylphenol	8.29	108	118784	3.621	ng/ul 97
28) Naphthalene	10.33	128	485214	5.494	ng/ul 99
34) 2-Methylnaphthalene	11.96	142	501240	7.419	ng/ul 96
41) 1,1'-Biphenyl	12.99	154	127692	1.644	ng/ul 99
45) Dimethylphthalate	13.63	163	549343	7.141	ng/ul 99
50) Acenaphthene	14.23	153	208861	3.263	ng/ul 98
54) Dibenzofuran	14.57	168	286424	3.023	ng/ul 98
59) Fluorene	15.23	166	324255	4.218	ng/ul# 94
70) Phenanthrene	16.97	178	3950430	35.739	ng/ul 99
72) Anthracene	17.06	178	1106091	9.952	ng/ul 97
75) Carbazole	17.33	167	498815	5.384	ng/ul# 87
76) Di-n-butylphthalate	17.91	149	220708	2.160	ng/ul# 86
77) Fluoranthene	19.00	202	6209510	52.434	ng/ul 97
80) Pyrene	19.36	202	5921377	44.179	ng/ul 99
81) Butylbenzylphthalate	20.28	149	479591	11.298	ng/ul 92
83) Benzo(a)anthracene	21.12	228	3185686	23.292	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.07	149	4741139	73.972	ng/ul 99
85) Chrysene	21.17	228	3093648m	24.026	ng/ul
87) Di-n-octyl phthalate	21.93	149	190607	1.517	ng/ul 100
88) Benzo(b)fluoranthene	22.66	252	5006165	30.554	ng/ul# 90
89) Benzo(k)fluoranthene	22.69	252	1444175m	9.149	ng/ul

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.20	252	3538556	23.591	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.44	276	2384049	14.864	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	627057	4.632	ng/ul#	73
94) Benzo(g,h,i)perylene	26.10	276	2351138	18.090	ng/ul	95

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

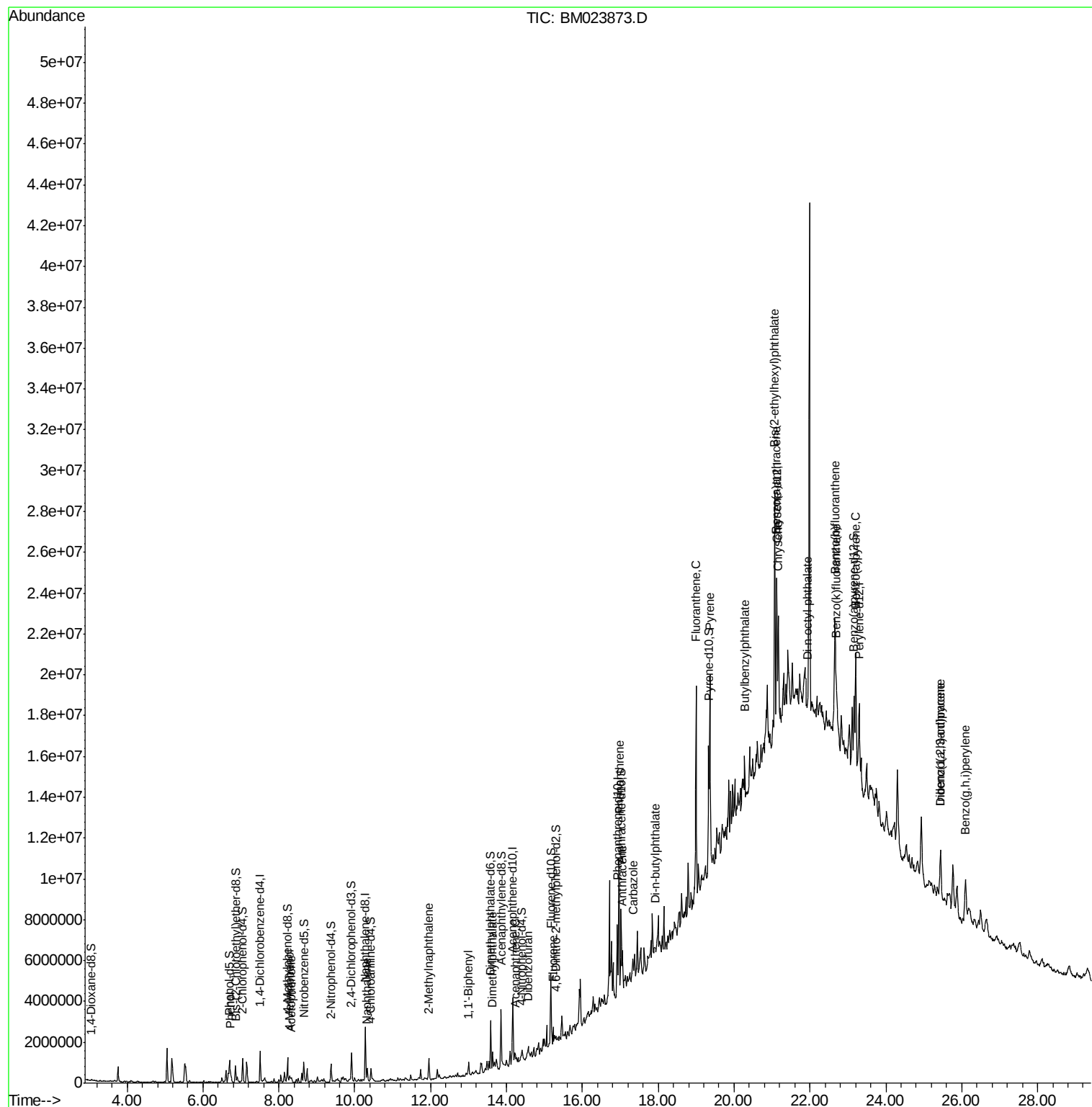
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023873.D
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Operator : JU
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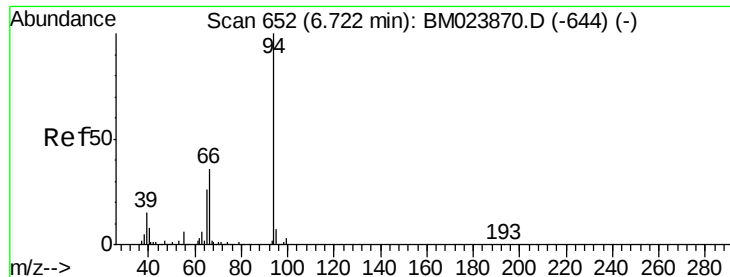
Instrument :
BNA_M
ClientSampleID :
C0AC3

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 4.870 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

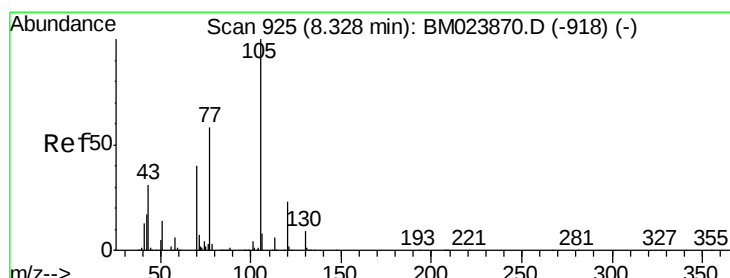
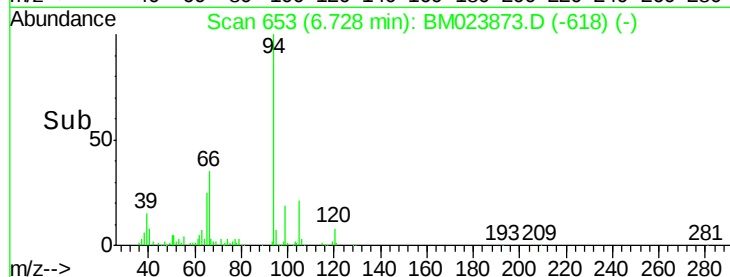
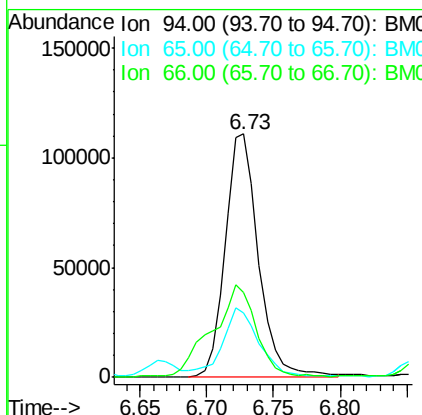
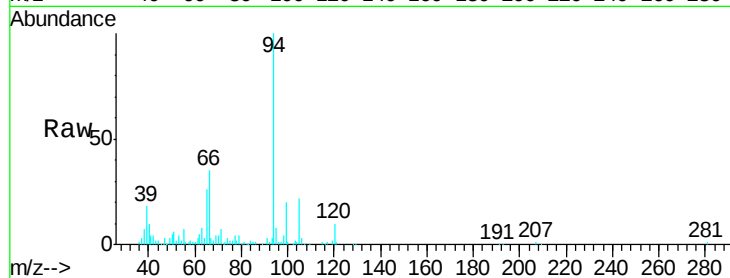
ClientSampleId :

C0AC3

Tgt Ion:	94	Resp:	193316
Ion	Ratio	Lower	Upper
94	100		
65	26.2	21.4	32.2
66	34.7	30.7	46.1

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#14

Acetophenone

Concen: 4.513 ng/ul m

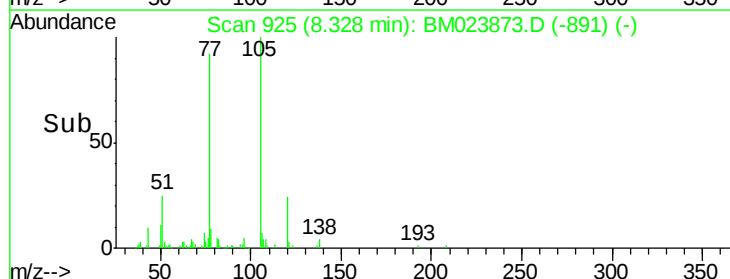
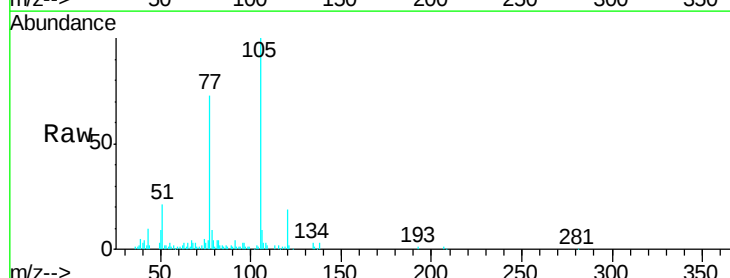
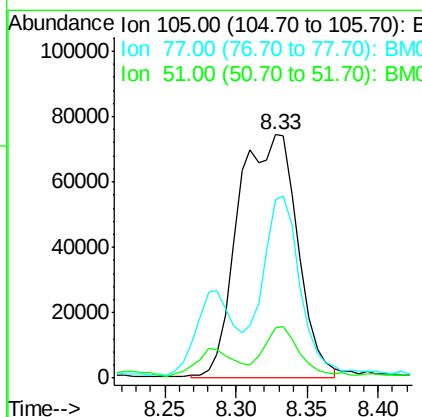
RT: 8.33 min Scan# 925

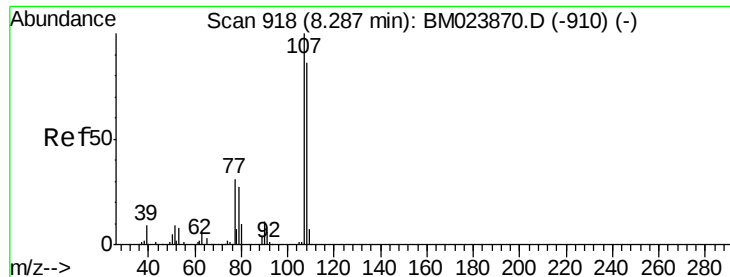
Delta R.T. -0.00 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Tgt Ion:	105	Resp:	216344
Ion	Ratio	Lower	Upper
105	100		
77	73.1	63.8	95.6
51	20.7	16.3	24.5





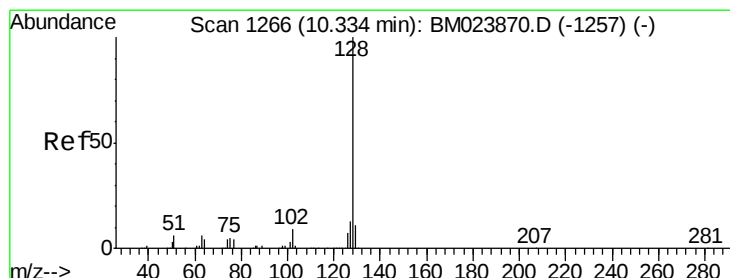
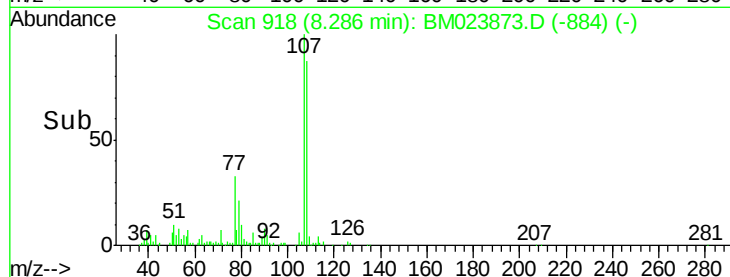
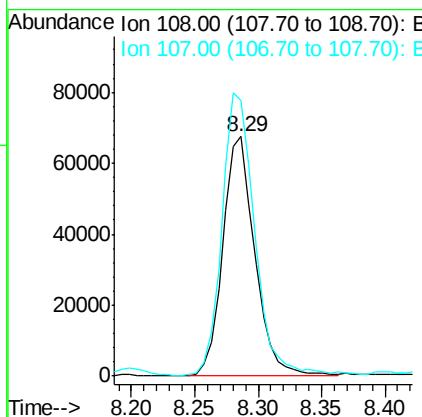
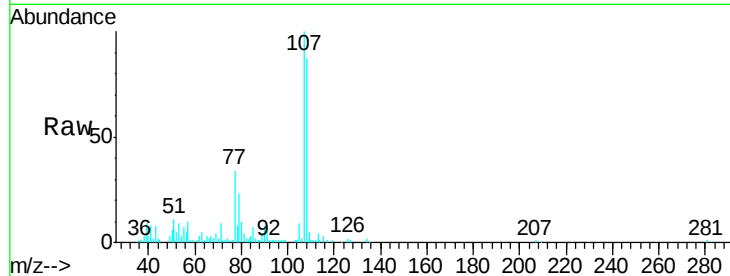
#16
4-Methylphenol
Concen: 3.621 ng/ul
RT: 8.29 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	118784		
107	115.2	89.8	134.6	

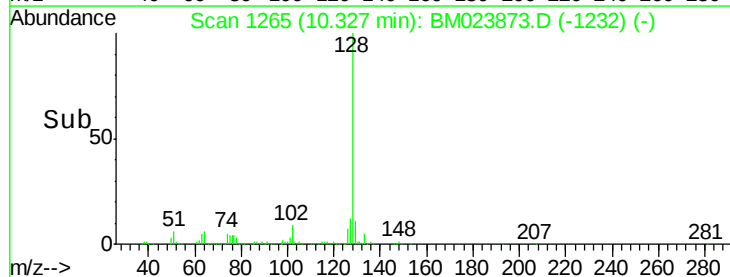
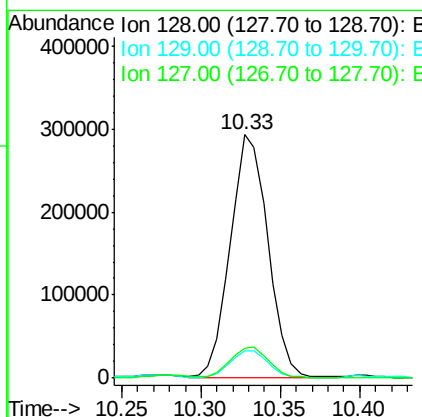
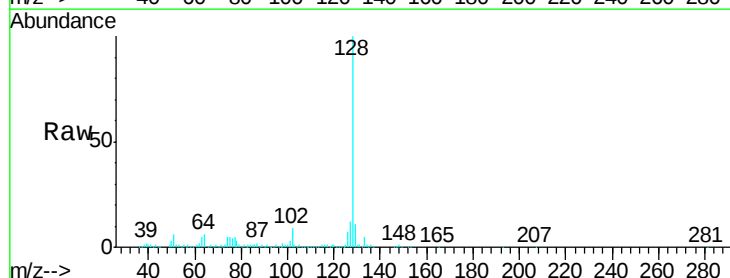
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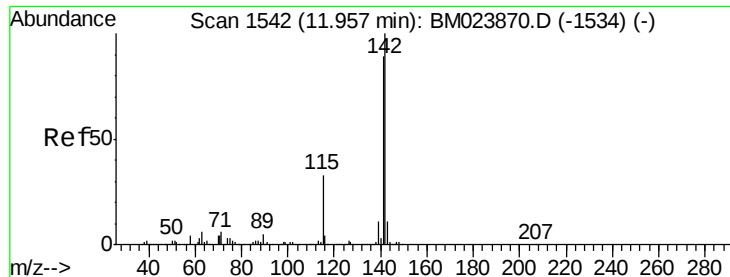
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#28
Naphthalene
Concen: 5.494 ng/ul
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	485214		
129	11.1	8.7	13.1	
127	12.4	10.6	16.0	





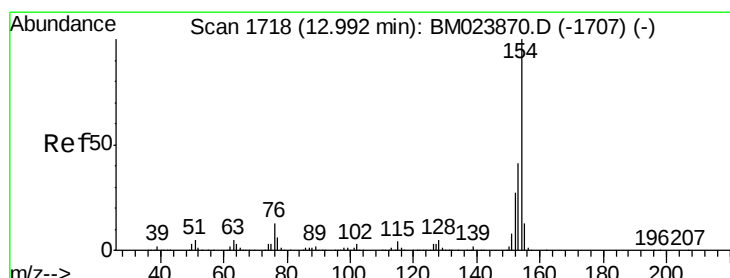
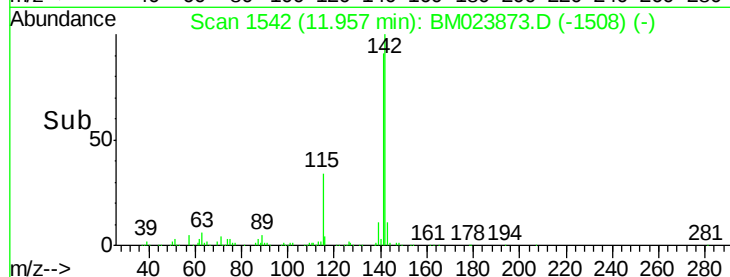
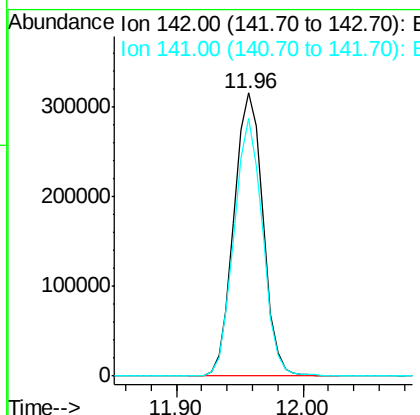
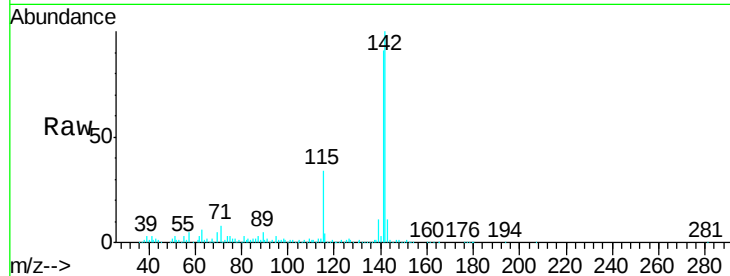
#34
2-Methylnaphthalene
Concen: 7.419 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	501240		
141	90.9	69.8	104.8	

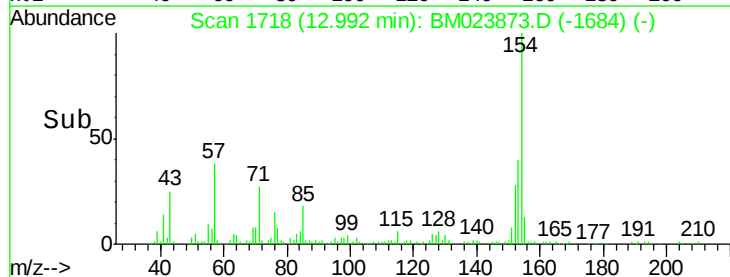
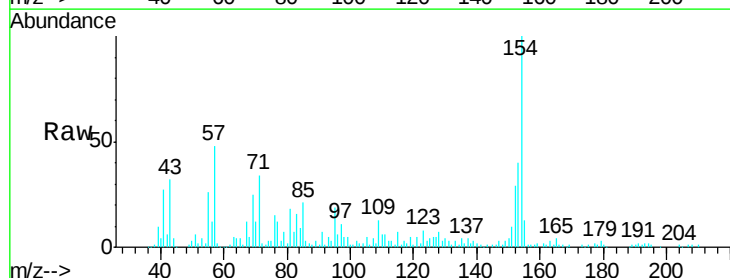
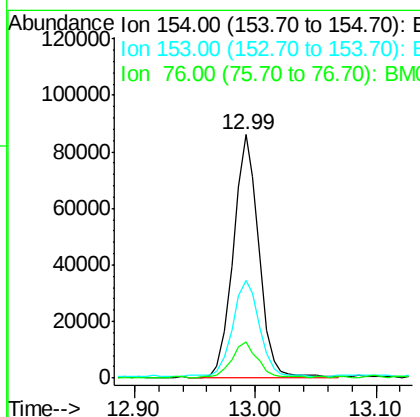
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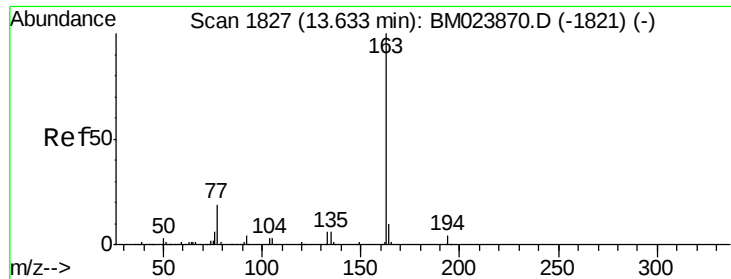
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#41
1,1'-Biphenyl
Concen: 1.644 ng/ul
RT: 12.99 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	127692		
153	40.3	32.3	48.5	
76	14.7	10.6	15.8	





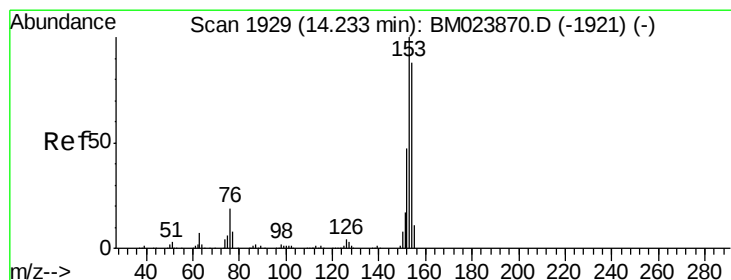
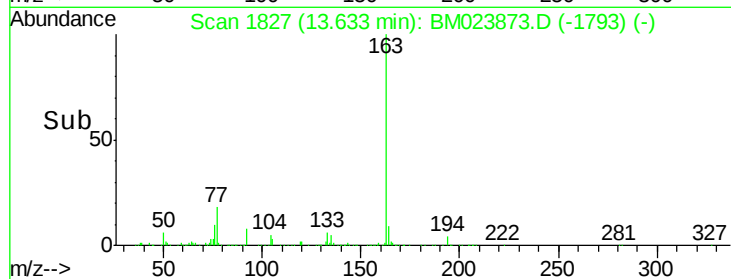
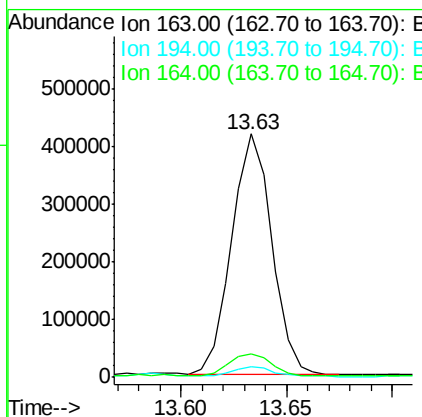
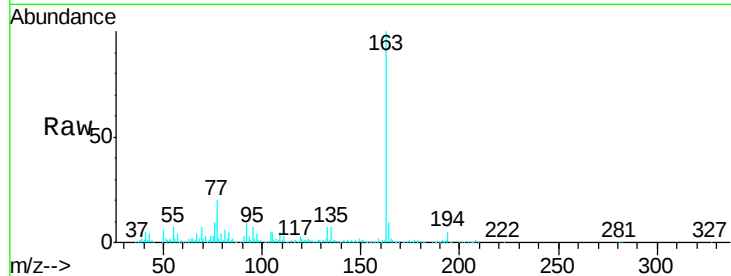
#45
Dimethylphthalate
Concen: 7.141 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	549343		
194	4.6		3.4	5.2
164	9.7		8.0	12.0

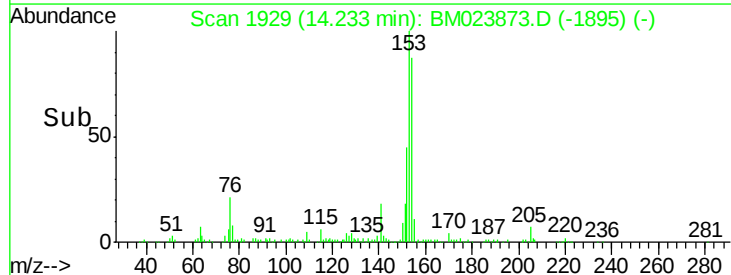
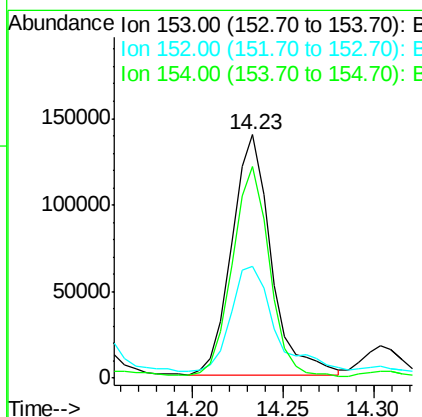
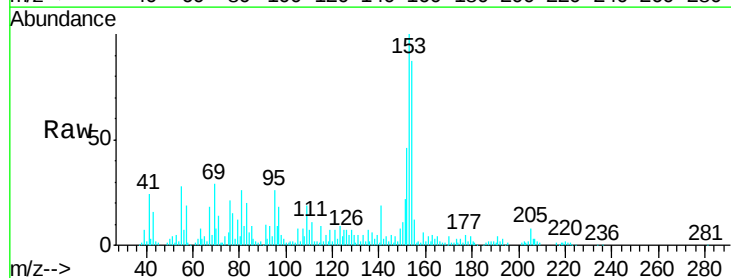
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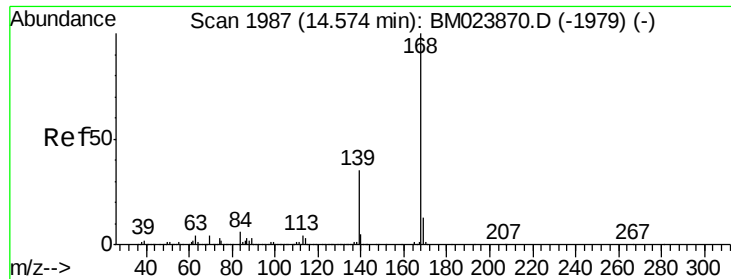
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#50
Acenaphthene
Concen: 3.263 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	208861		
152	45.8		37.7	56.5
154	86.9		70.6	106.0





#54

Dibenzenofuran

Concen: 3.023 ng/ul

RT: 14.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tgt Ion:168 Resp: 286424

Ion Ratio Lower Upper

168 100

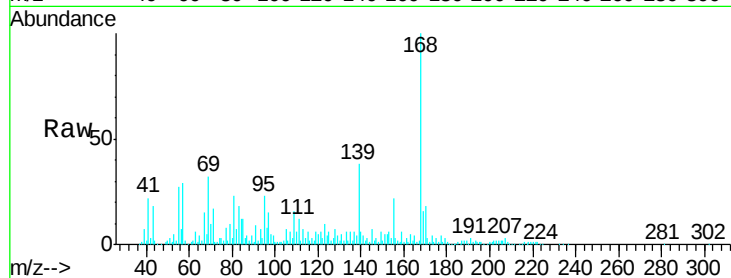
139 37.7 29.3 43.9

Manual Integrations

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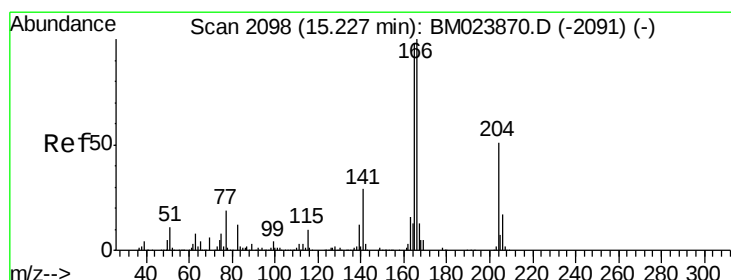
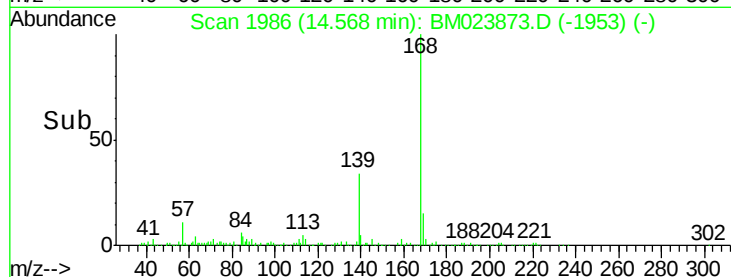
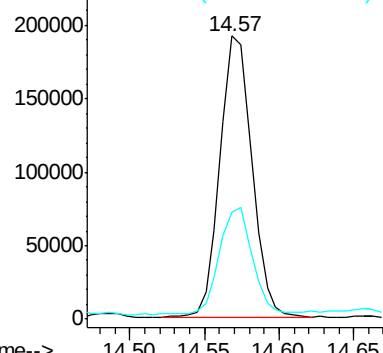
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 4.218 ng/ul

RT: 15.23 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

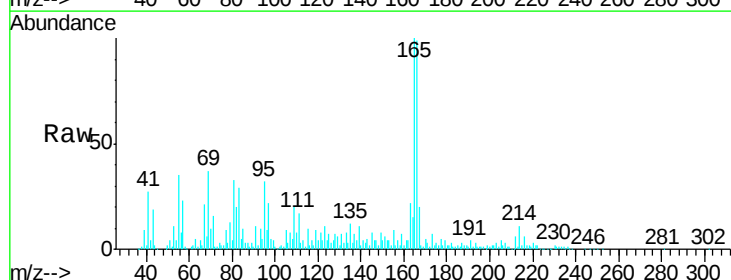
Tgt Ion:166 Resp: 324255

Ion Ratio Lower Upper

166 100

165 100.7 77.2 115.8

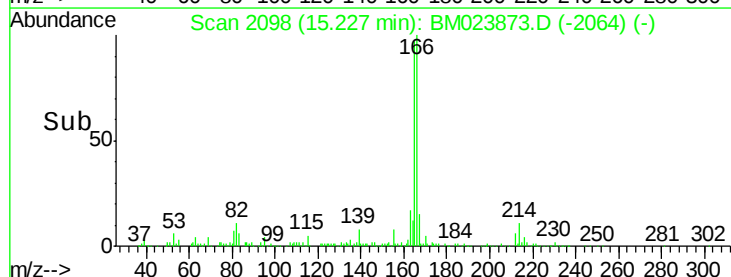
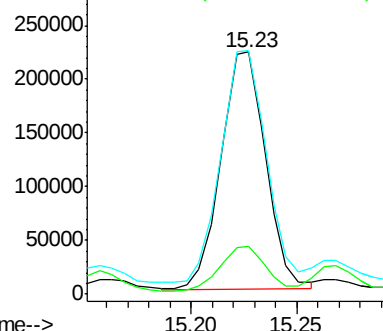
167 19.9 10.9 16.3#

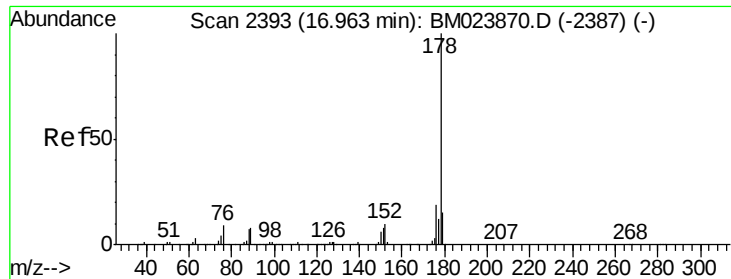


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 35.739 ng/ul

RT: 16.97 min Scan# 2394

Delta R.T. 0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tgt Ion:178 Resp: 3950430

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

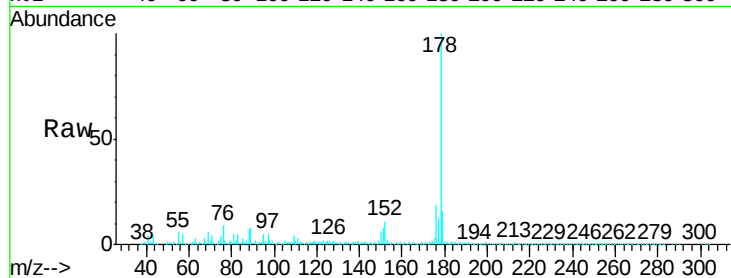
176 19.0 15.0 22.6

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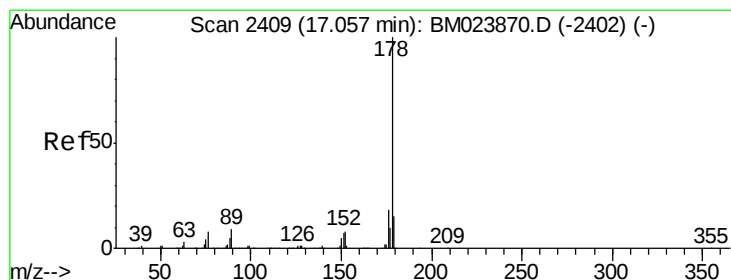
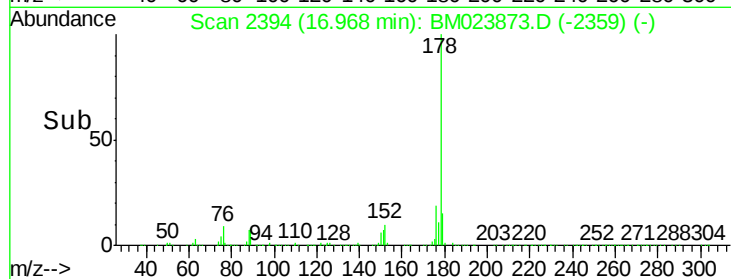
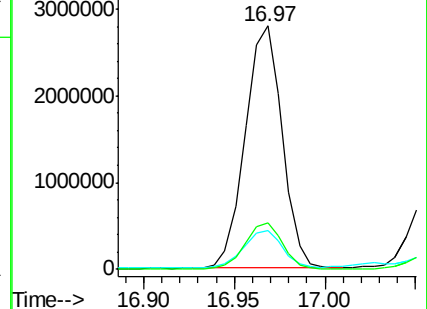
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 9.952 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

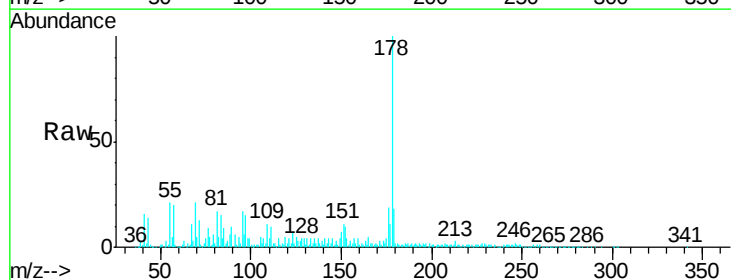
Tgt Ion:178 Resp: 1106091

Ion Ratio Lower Upper

178 100

179 17.9 12.3 18.5

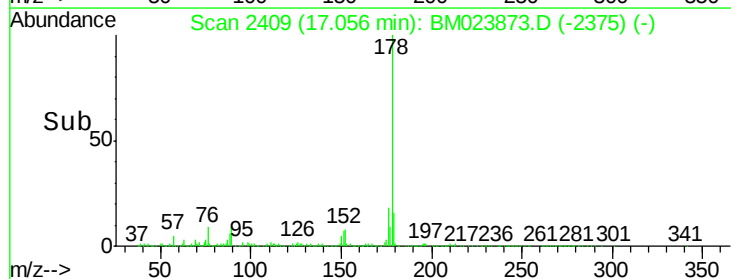
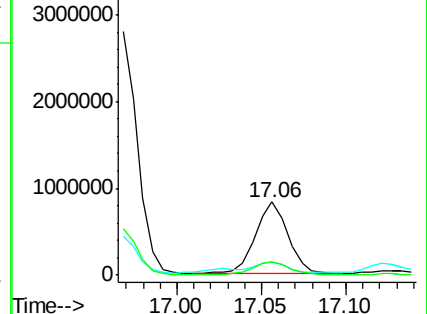
176 18.7 14.7 22.1

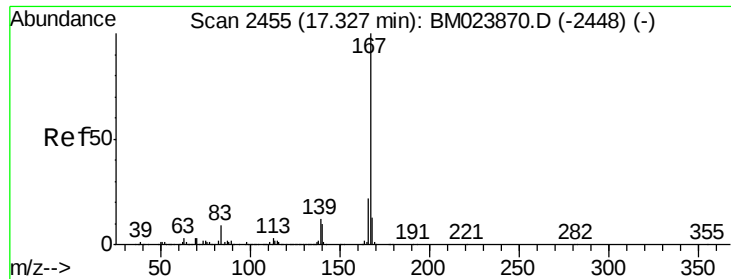


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.384 ng/ul

RT: 17.33 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

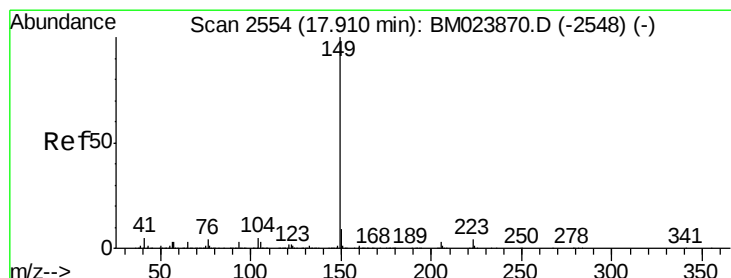
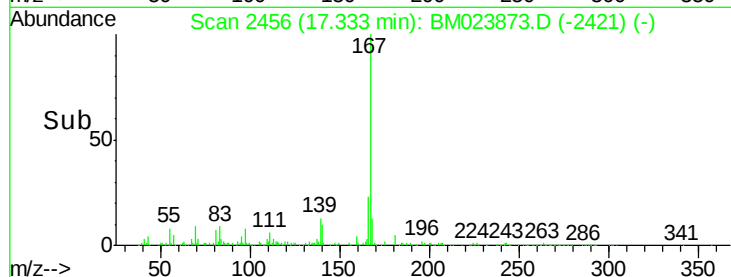
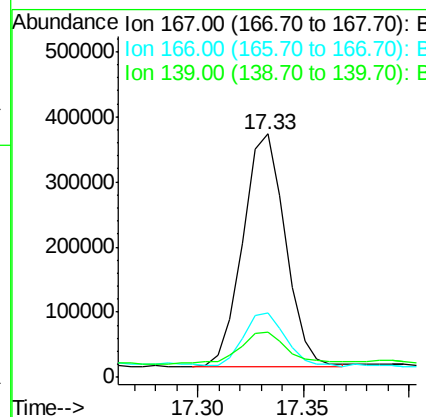
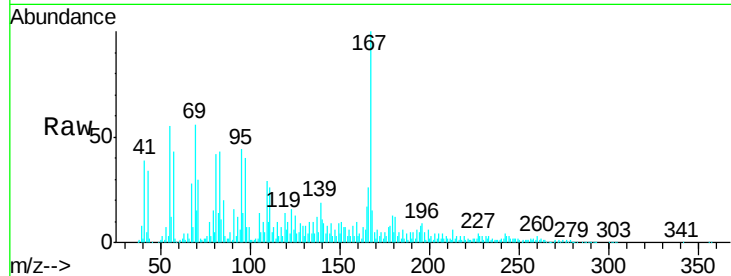
ClientSampleId :

C0AC3

Tgt Ion:	167	Resp:	498815
Ion Ratio		Lower	Upper
167	100		
166	26.4	17.1	25.7#
139	18.6	9.8	14.6#

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#76

Di-n-butylphthalate

Concen: 2.160 ng/ul

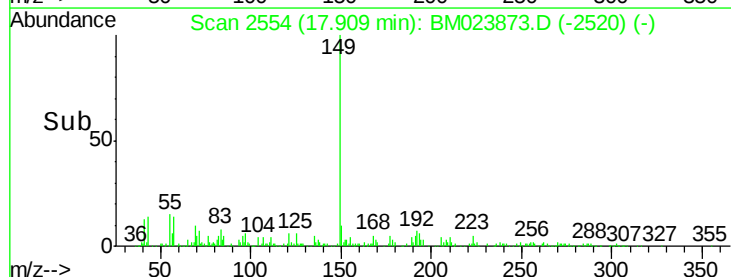
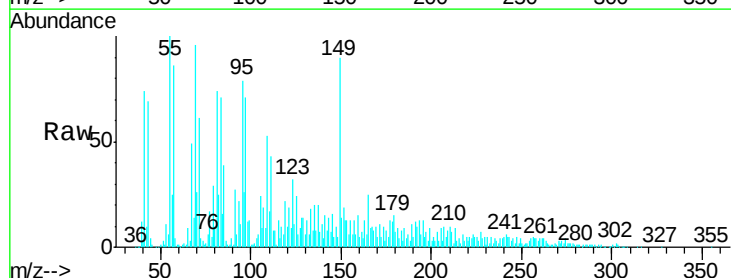
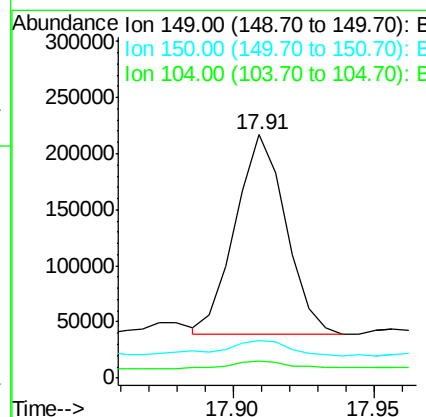
RT: 17.91 min Scan# 2554

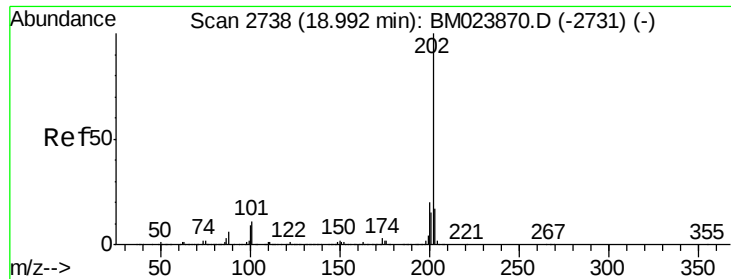
Delta R.T. -0.00 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Tgt Ion:	149	Resp:	220708
Ion Ratio		Lower	Upper
149	100		
150	15.6	7.1	10.7#
104	7.1	4.2	6.2#





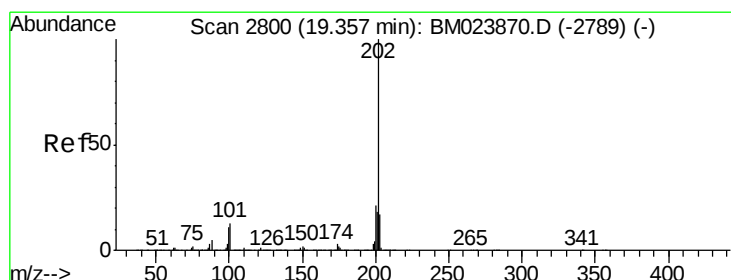
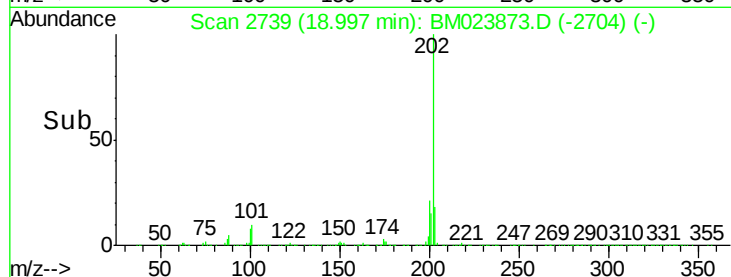
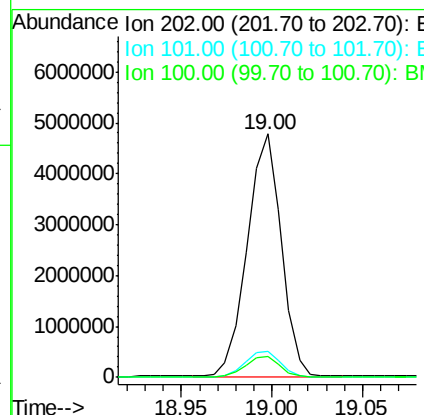
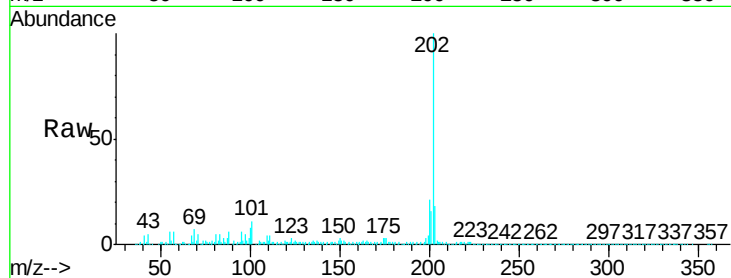
#77
 Fluoranthene
 Concen: 52.434 ng/ul
 RT: 19.00 min Scan# 2739
 Delta R.T. 0.01 min
 Lab File: BM023873.D
 Acq: 23 Nov 2019 00:58

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.7	11.5
100	8.4	6.0	9.0

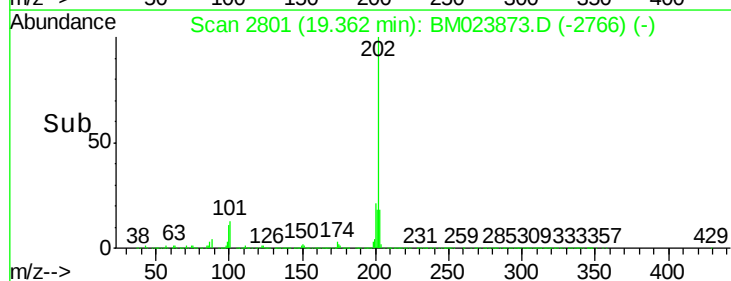
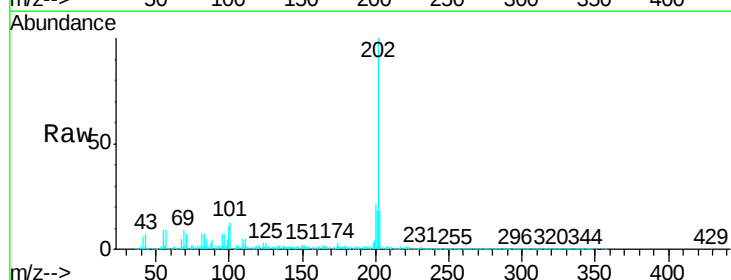
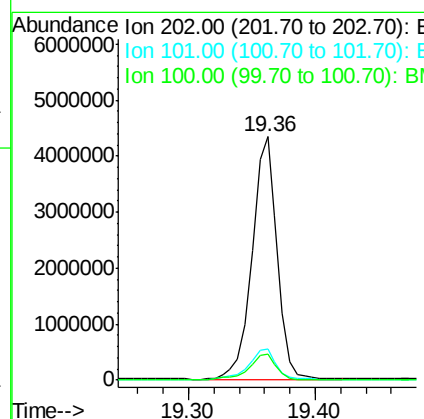
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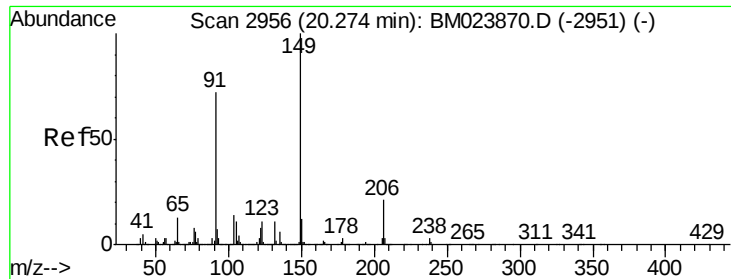
mohammad
 11/25/2019 8:20:50 AM



#80
 Pyrene
 Concen: 44.179 ng/ul
 RT: 19.36 min Scan# 2801
 Delta R.T. 0.01 min
 Lab File: BM023873.D
 Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	10.6	8.1	12.1





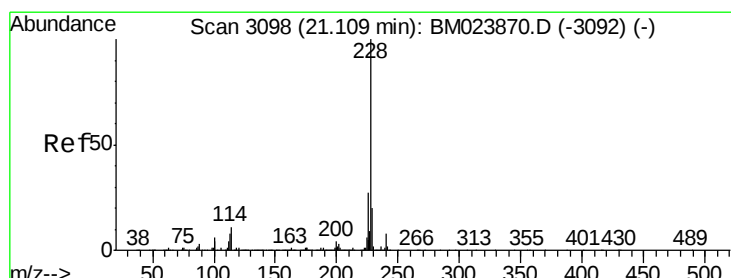
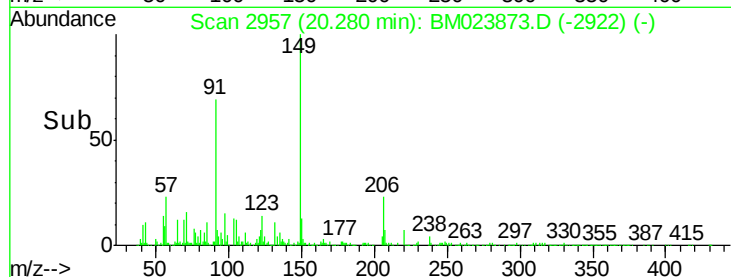
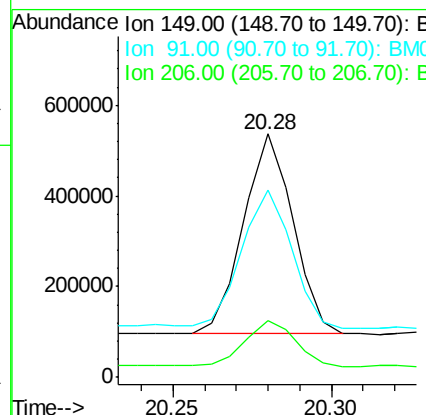
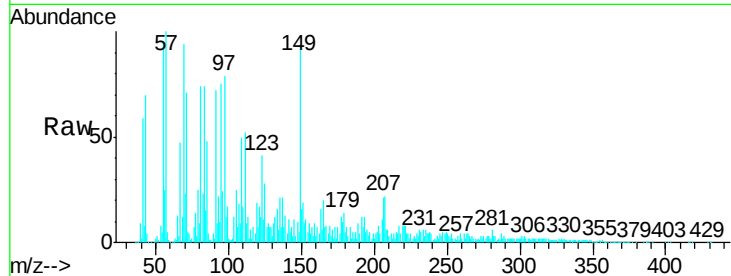
#81
Butylbenzylphthalate
Concen: 11.298 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. 0.01 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.1	54.9	82.3
206	23.1	19.3	28.9

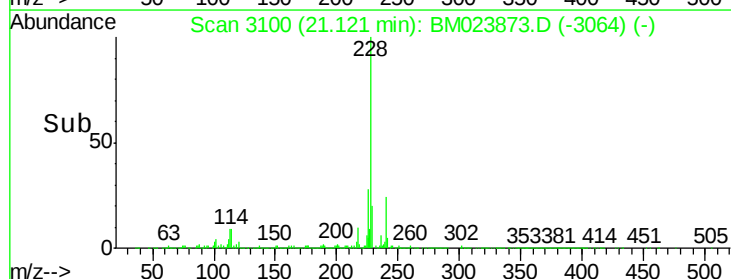
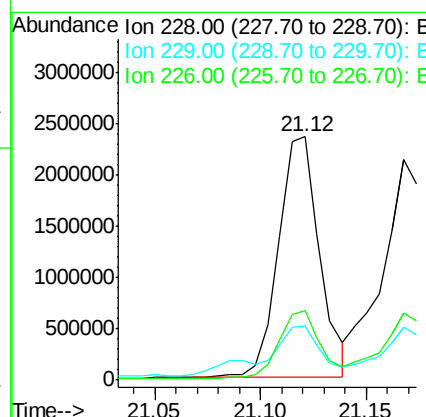
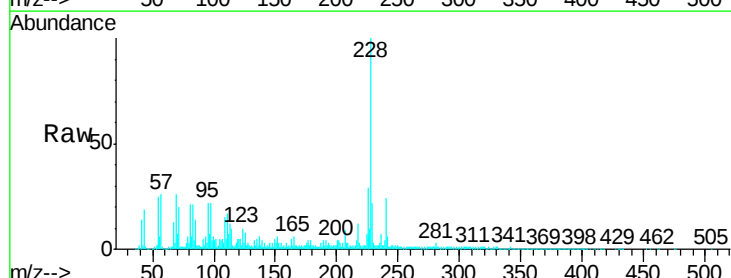
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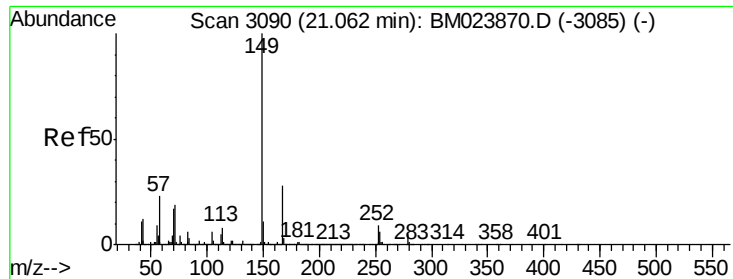
mohammad
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#83
Benzo(a)anthracene
Concen: 23.292 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	28.5	21.4	32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 73.972 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

ClientSampled :

C0AC3

Tgt Ion:149 Resp: 4741139

Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.2

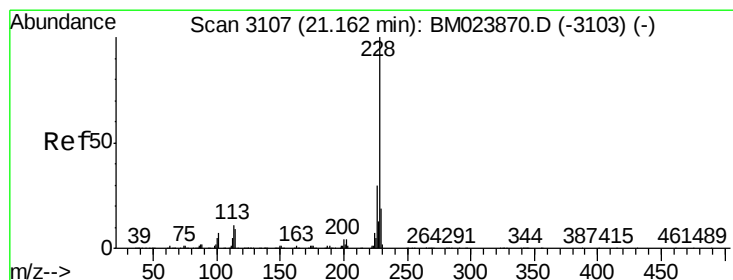
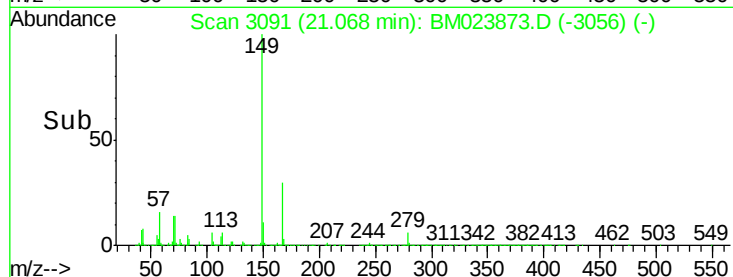
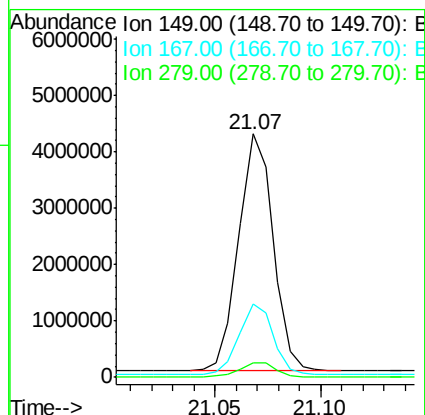
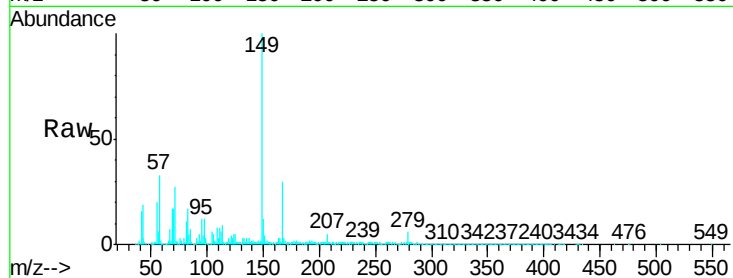
279 6.1 5.0 7.4

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#85

Chrysene

Concen: 24.026 ng/ul m

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

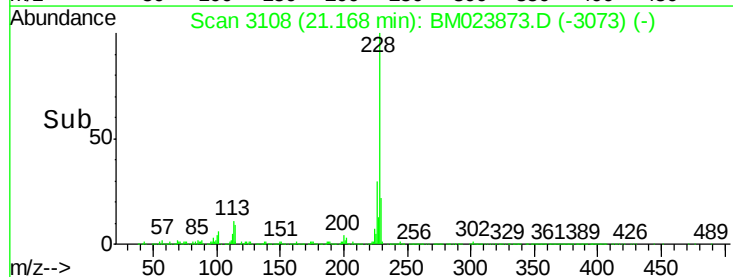
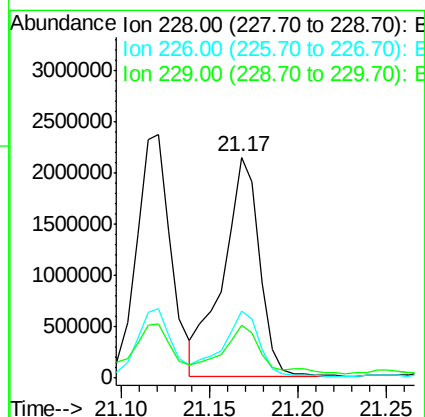
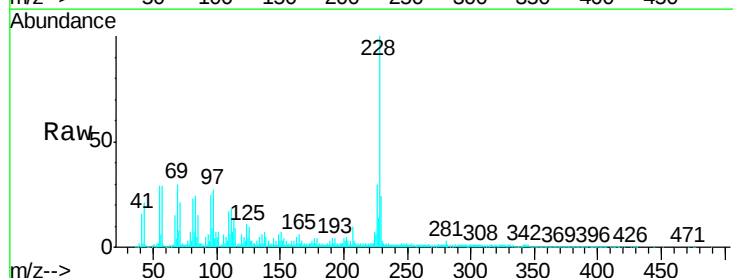
Tgt Ion:228 Resp: 3093648

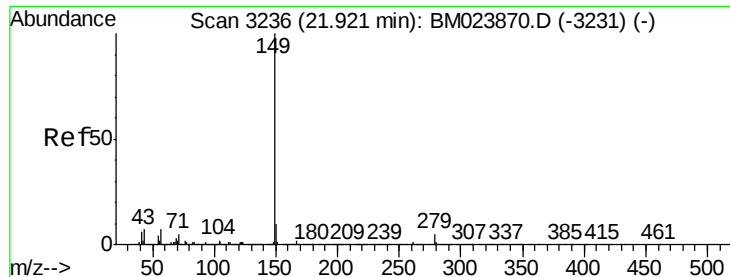
Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 23.8 15.8 23.6#





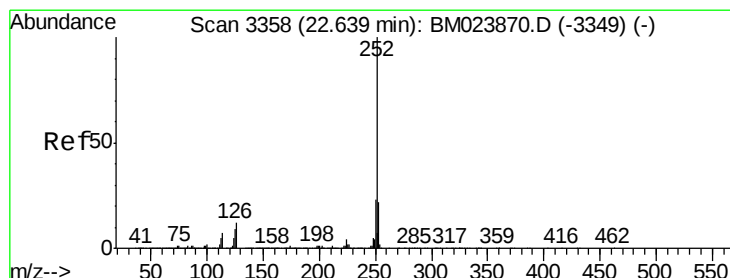
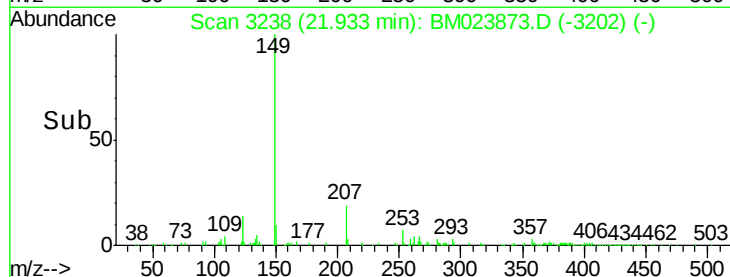
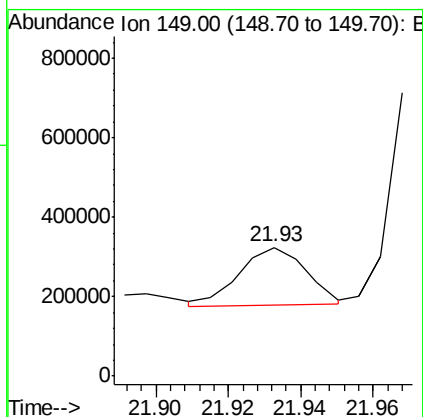
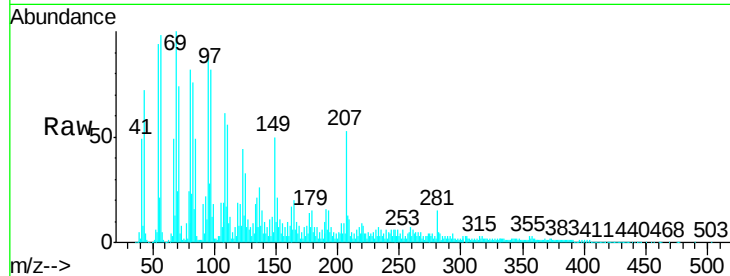
#87
Di-n-octyl phthalate
Concen: 1.517 ng/ul
RT: 21.93 min Scan# 3238
Delta R.T. 0.01 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:149 Resp: 190607

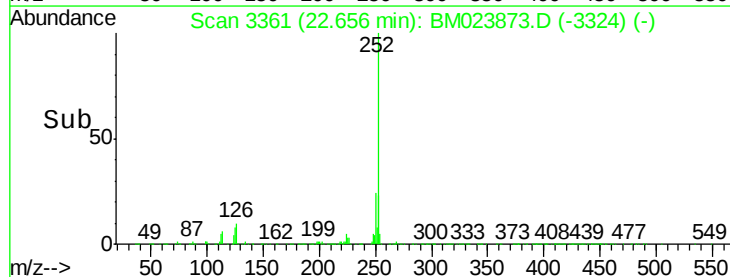
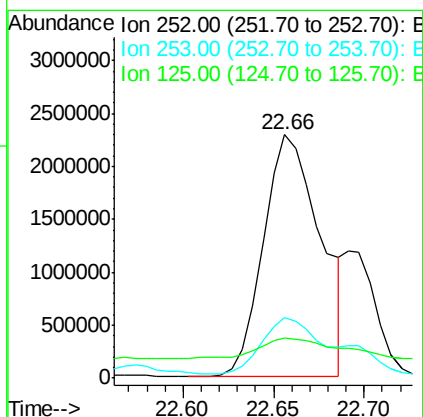
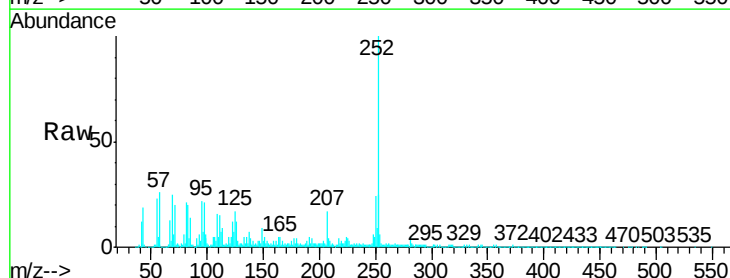
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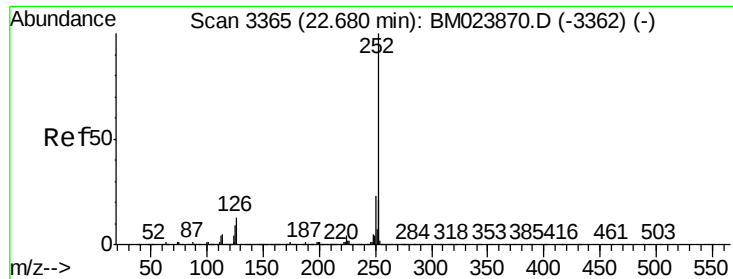
mohammad
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#88
Benzo(b)fluoranthene
Concen: 30.554 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion:252 Resp: 5006165
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 16.7 6.5 9.7#





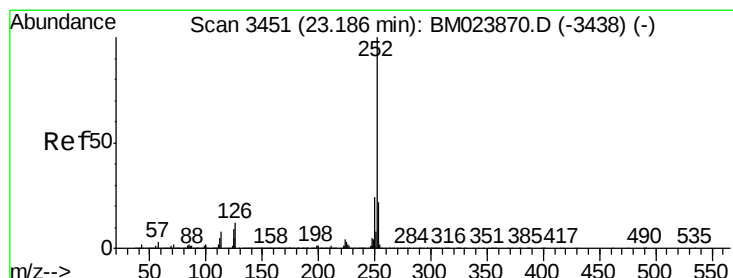
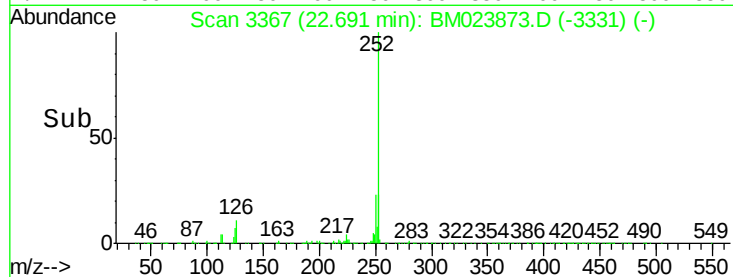
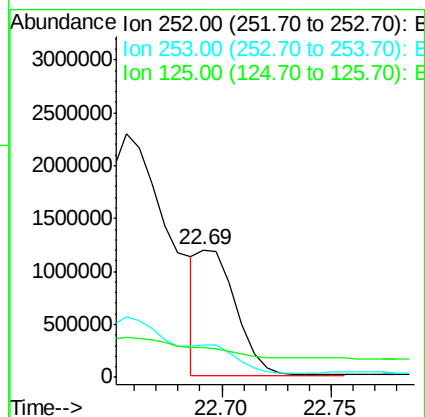
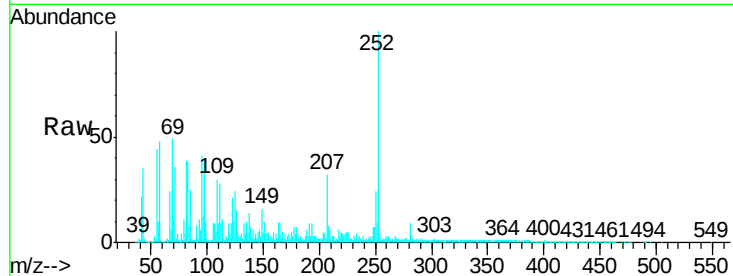
#89
Benzo(k)fluoranthene
Concen: 9.149 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:252 Resp: 1444175
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 23.8 5.9 8.9#

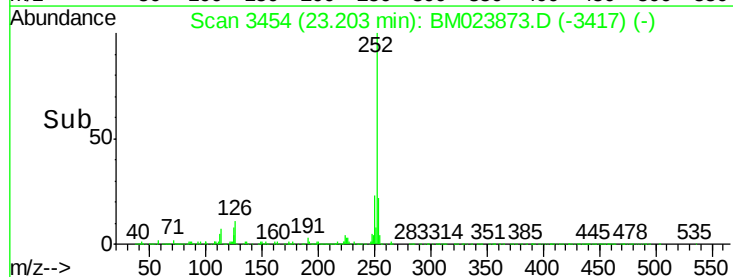
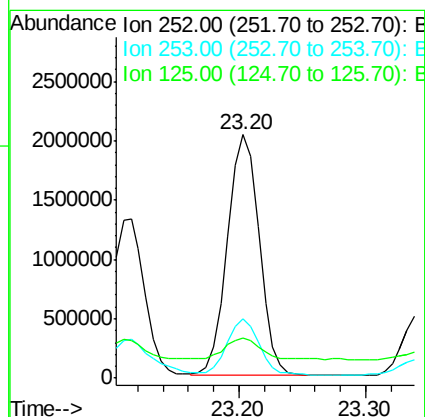
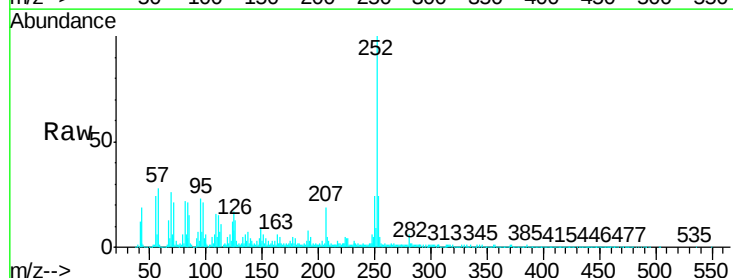
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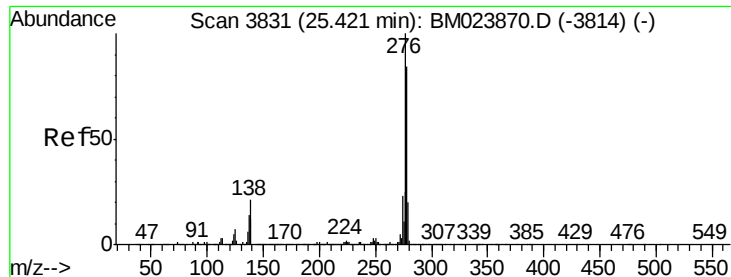
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#91
Benzo(a)pyrene
Concen: 23.591 ng/ul
RT: 23.20 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion:252 Resp: 3538556
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 16.7 6.9 10.3#





#92

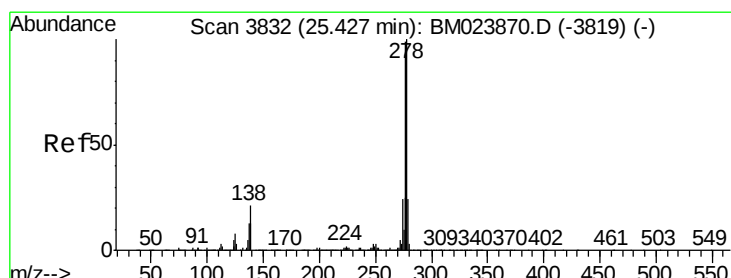
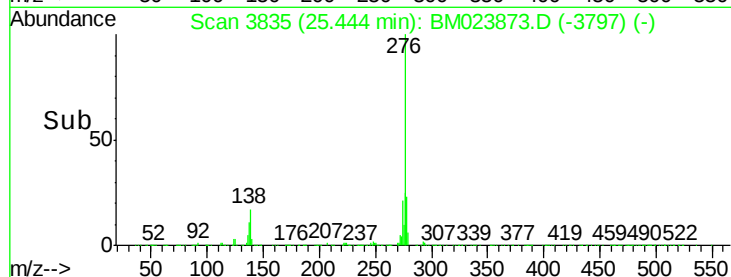
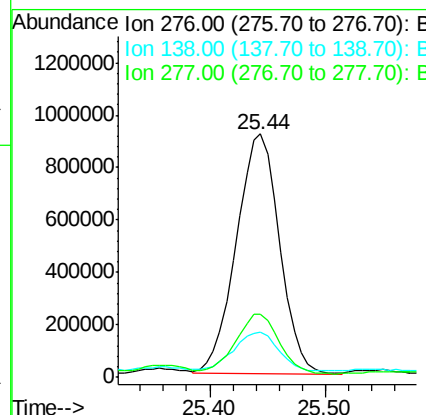
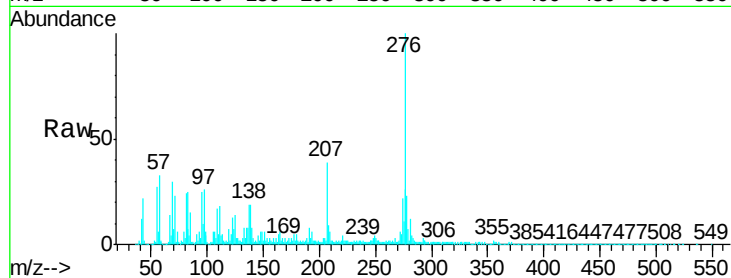
Indeno(1,2,3-cd)pyrene
Concen: 14.864 ng/u1
RT: 25.44 min Scan# 3835
Delta R.T. 0.02 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.0	22.4
277	25.8	20.0	30.0

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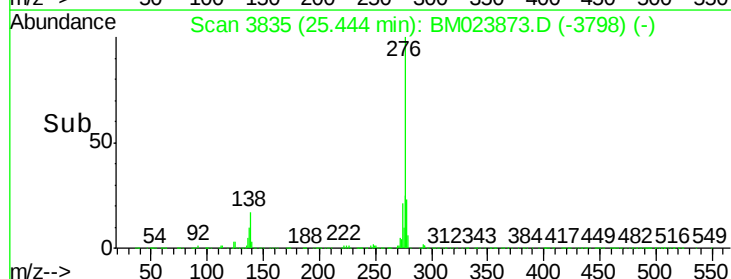
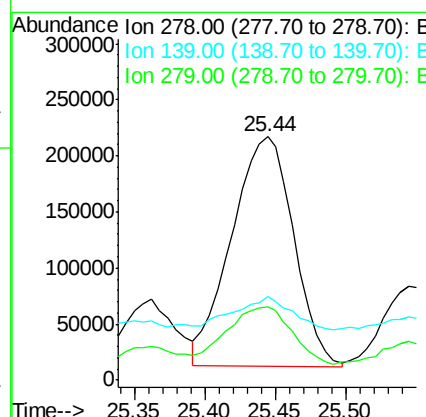
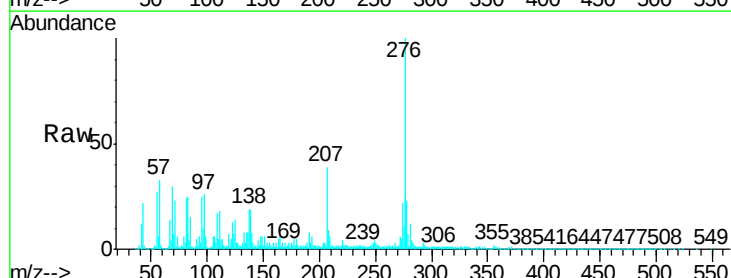
mohammad
11/25/2019 8:20:50 AM

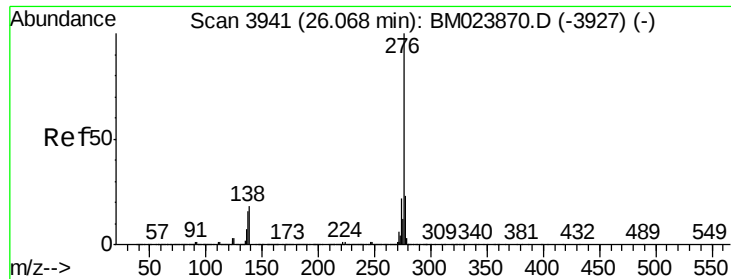


#93

Dibenzo(a,h)anthracene
Concen: 4.632 ng/u1
RT: 25.44 min Scan# 3835
Delta R.T. 0.02 min
Lab File: BM023873.D
Acq: 23 Nov 2019 00:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.1	10.0	15.0#
279	30.0	19.0	28.6#





#94

Benzo(g,h,i)perylene

Concen: 18.090 ng/ul

RT: 26.10 min Scan# 3947

Delta R.T. 0.04 min

Lab File: BM023873.D

Acq: 23 Nov 2019 00:58

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tgt Ion: 276 Resp: 2351138

Ion Ratio Lower Upper

276 100

138 19.0 13.2 19.8

277 25.2 18.6 28.0

Manual Integrations

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mohammad

11/25/2019 8:20:50 AM

