

Data File : BM023872.D
Acq On : 23 Nov 2019 00:22
Operator : JU
Sample : K5854-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Quant Time: Nov 23 05:24:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	363399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1489994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	932588	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2006486	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1886454	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2310435	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	25091	2.85	ng/uL	0.00
5) Phenol-d5	6.70	99	526951	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	309711	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	432736	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	374196	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	203315	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	234051	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	424037	16.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	390116	13.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1310506	18.02	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1598423	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	133165	10.73	ng/ul	0.01
58) Fluorene-d10	15.17	176	1192382	18.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	79925	6.89	ng/ul	0.00
71) Anthracene-d10	17.02	188	1868560	19.63	ng/ul	0.00
79) Pyrene-d10	19.33	212	2046350	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2491146	20.49	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.66	77	21471	1.105	ng/ul#	1
6) Phenol	6.72	94	145768	4.272	ng/ul	98
14) Acetophenone	8.33	105	100639	2.442	ng/ul	99
17) Hexachloroethane	8.61	117	11940	1.216	ng/ul#	2
28) Naphthalene	10.33	128	138155	1.764	ng/ul	98
34) 2-Methylnaphthalene	11.96	142	112115	1.871	ng/ul	99
45) Dimethylphthalate	13.63	163	331095	4.646	ng/ul	99
70) Phenanthrene	16.96	178	1051309	9.512	ng/ul	99
72) Anthracene	17.05	178	264474	2.380	ng/ul	98
75) Carbazole	17.33	167	109912	1.186	ng/ul	94
76) Di-n-butylphthalate	17.91	149	776209	7.598	ng/ul	98
77) Fluoranthene	18.99	202	1873976	15.826	ng/ul	96
80) Pyrene	19.36	202	1599838	13.120	ng/ul	98
83) Benzo(a)anthracene	21.12	228	855632	6.876	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	671557	11.517	ng/ul	96
85) Chrysene	21.17	228	885473	7.559	ng/ul	97
87) Di-n-octyl phthalate	21.92	149	662022	5.862	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	1306345	8.870	ng/ul#	94
89) Benzo(k)fluoranthene	22.64	252	1306345	9.206	ng/ul#	92
91) Benzo(a)pyrene	23.19	252	879846	6.526	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.41	276	620442	4.303	ng/ul	98
93) Dibenzo(a,h)anthracene	25.41	278	169849	1.396	ng/ul#	85
94) Benzo(g,h,i)perylene	26.06	276	639019	5.470	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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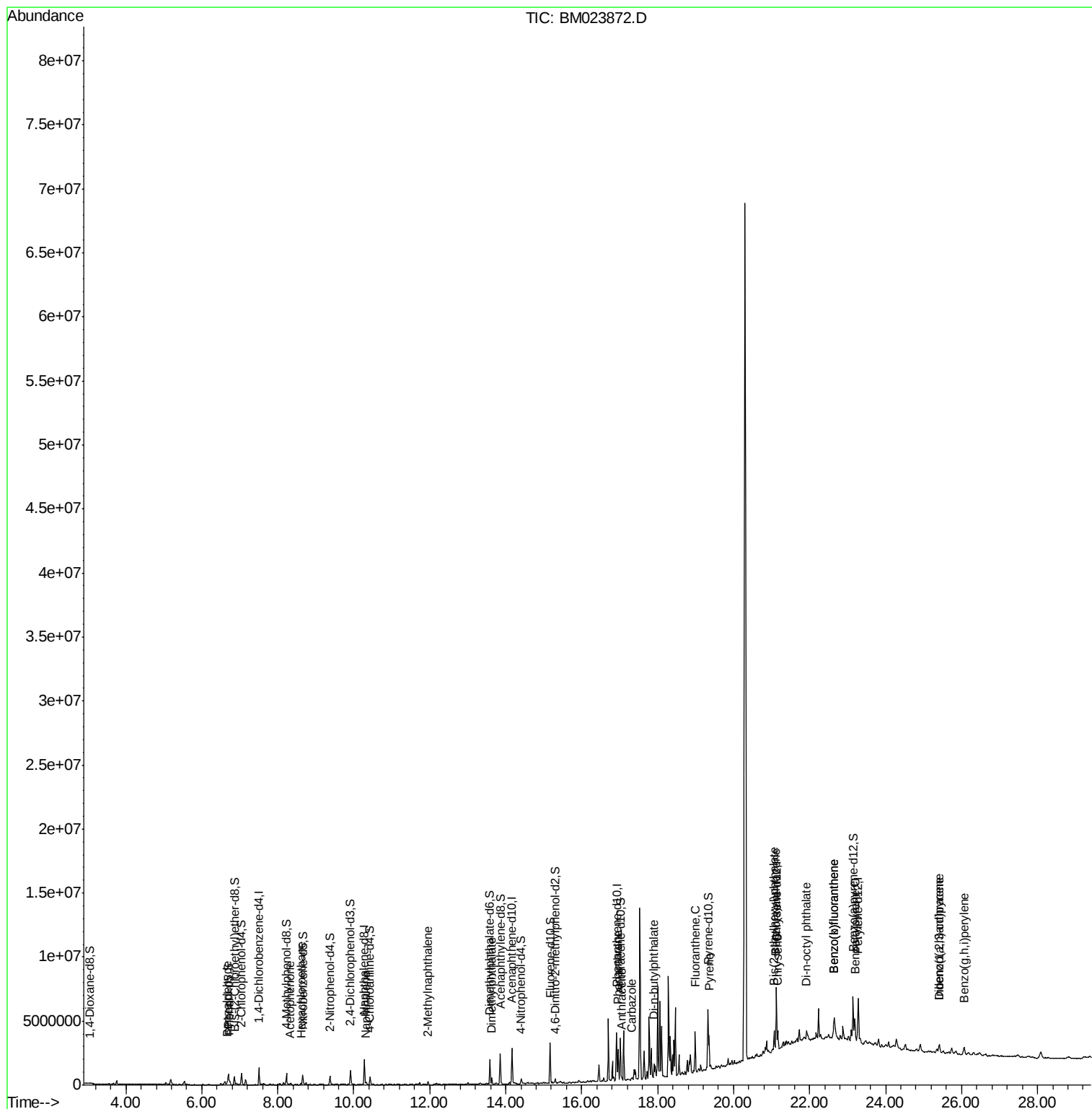
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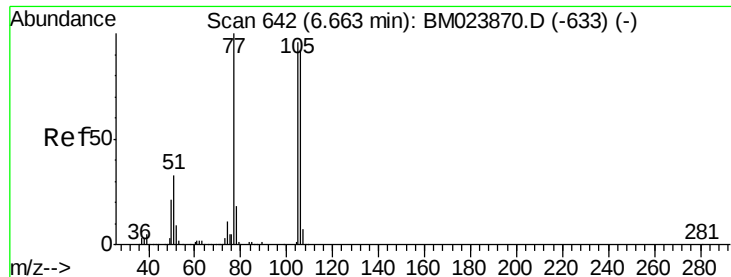
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.105 ng/ul

RT: 6.66 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

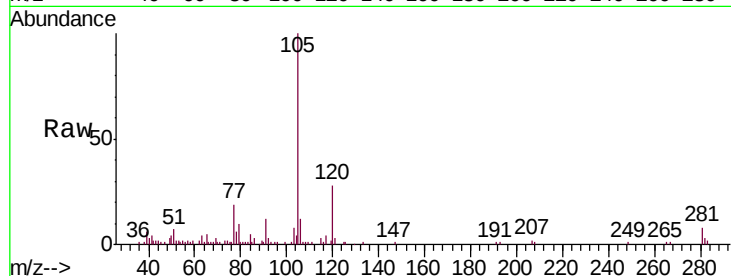
Tgt Ion: 77 Resp: 21471

Ion Ratio Lower Upper

77 100

105 518.3 75.9 113.9#

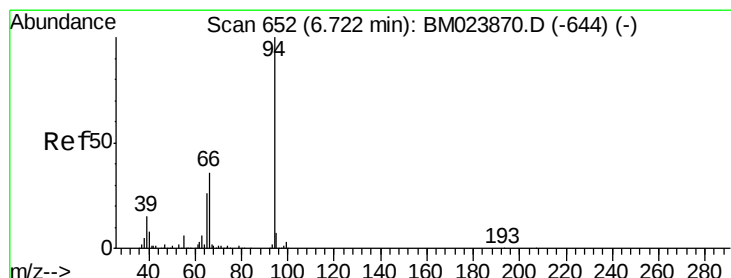
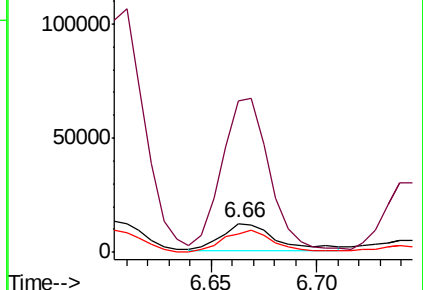
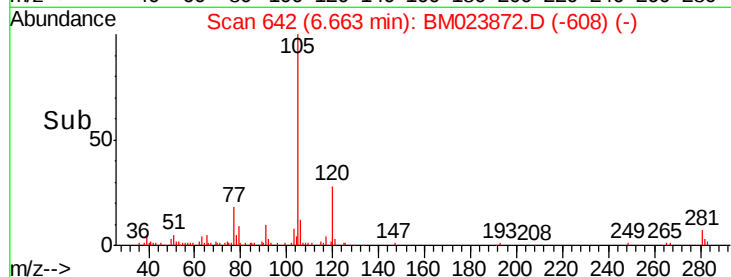
106 64.0 70.2 105.4#



Abundance Ion 77.00 (76.70 to 77.70): BM023872.D (-608) (-)

Ion 105.00 (104.70 to 105.70): BM023872.D (-608) (-)

Ion 106.00 (105.70 to 106.70): BM023872.D (-608) (-)



#6

Phenol

Concen: 4.272 ng/ul

RT: 6.72 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

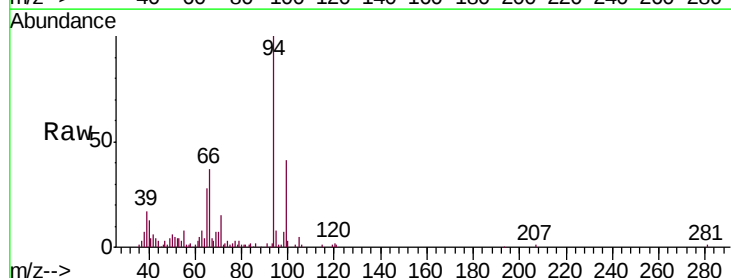
Tgt Ion: 94 Resp: 145768

Ion Ratio Lower Upper

94 100

65 27.8 21.4 32.2

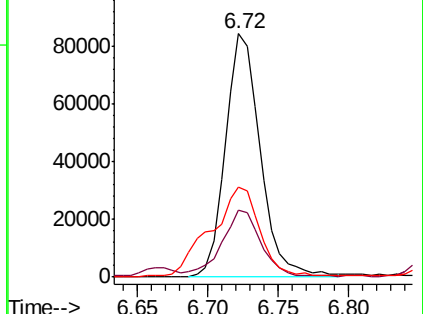
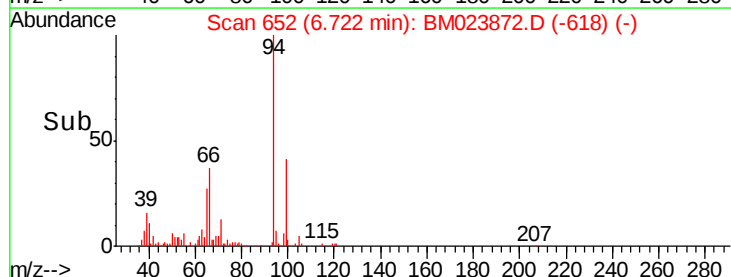
66 36.9 30.7 46.1

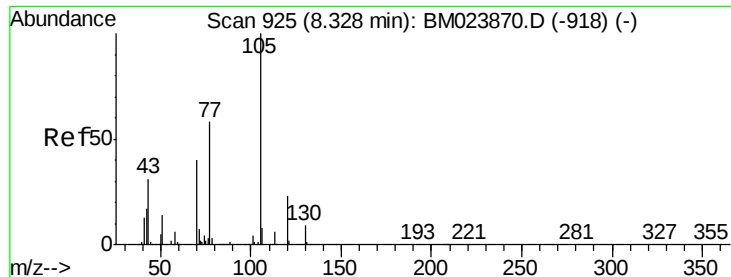


Abundance Ion 94.00 (93.70 to 94.70): BM023872.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BM023872.D (-618) (-)

Ion 66.00 (65.70 to 66.70): BM023872.D (-618) (-)

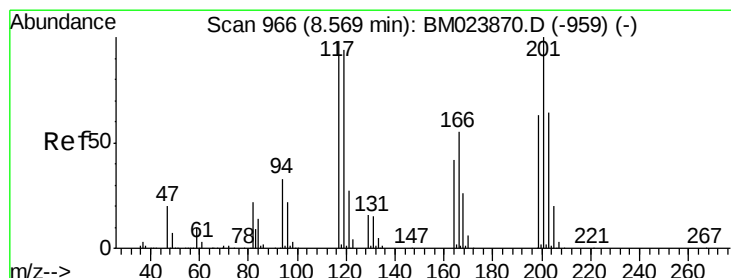
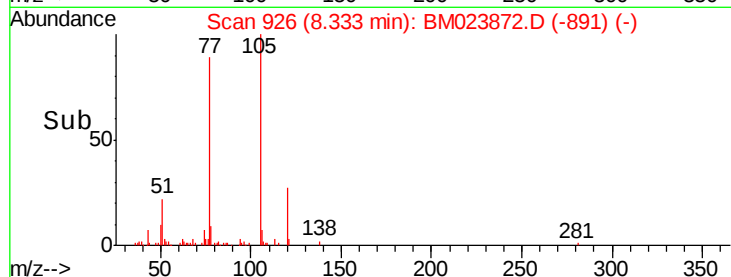
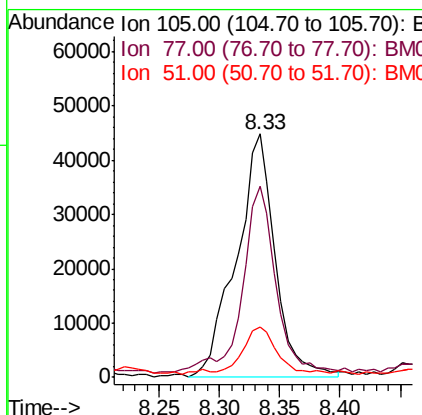
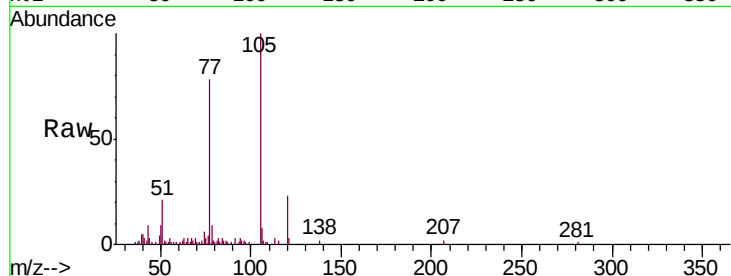




#14
Acetophenone
Concen: 2.442 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM023872.D
Acq: 23 Nov 2019 00:22

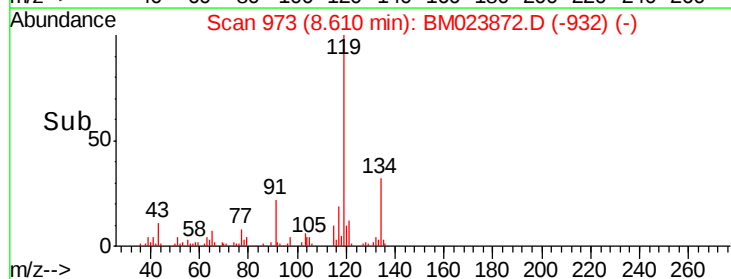
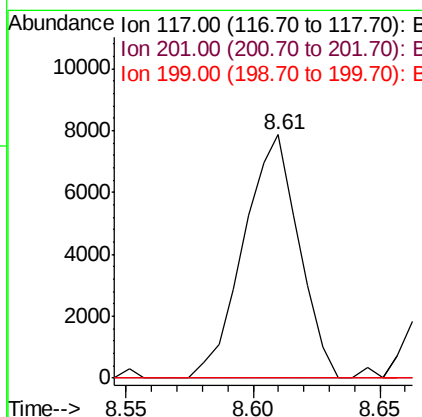
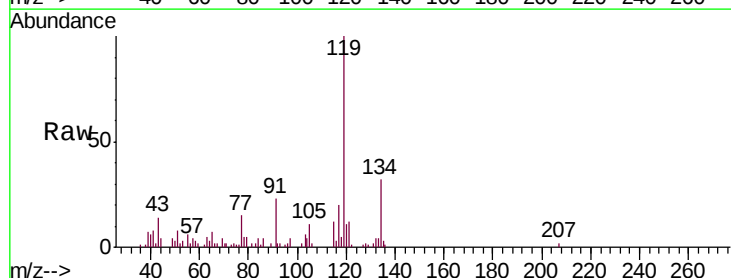
Instrument :
BNA_M
ClientSampleId :
C0AB8

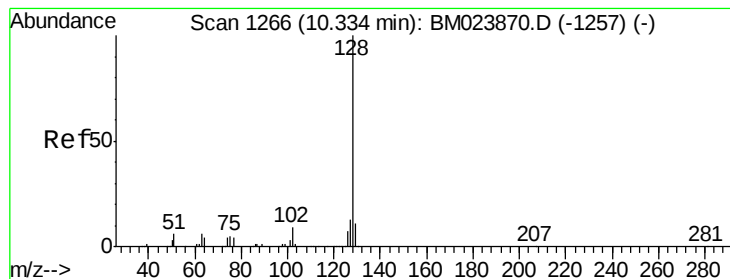
Tgt Ion	Ratio	Lower	Upper
105	100		
77	78.5	63.8	95.6
51	20.9	16.3	24.5



#17
Hexachloroethane
Concen: 1.216 ng/ul
RT: 8.61 min Scan# 973
Delta R.T. 0.04 min
Lab File: BM023872.D
Acq: 23 Nov 2019 00:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	90.0	135.0#
199	0.0	57.0	85.4#





#28

Naphthalene

Concen: 1.764 ng/ul

RT: 10.33 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

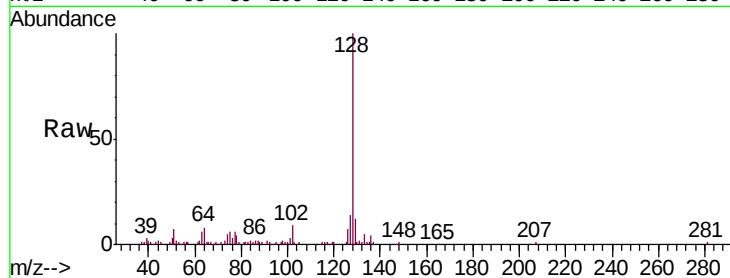
Tgt Ion:128 Resp: 138155

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

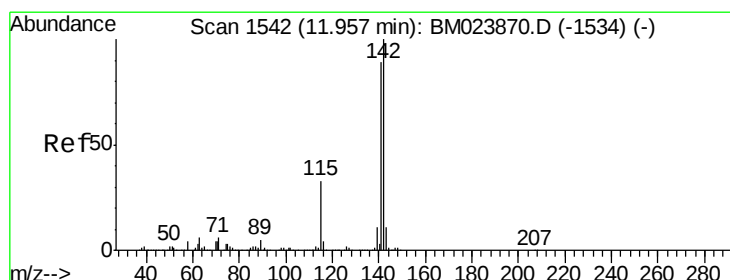
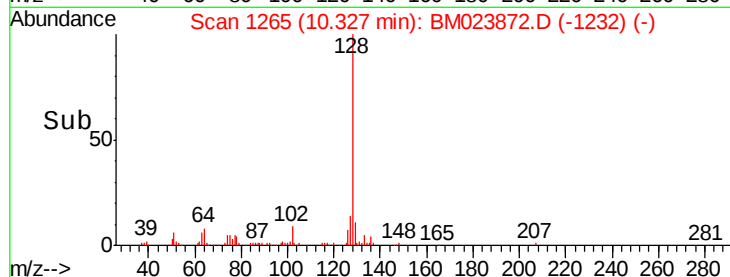
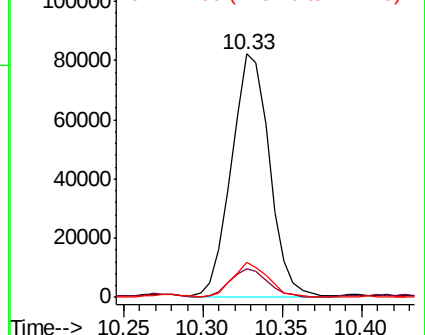
127 14.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.871 ng/ul

RT: 11.96 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BM023872.D

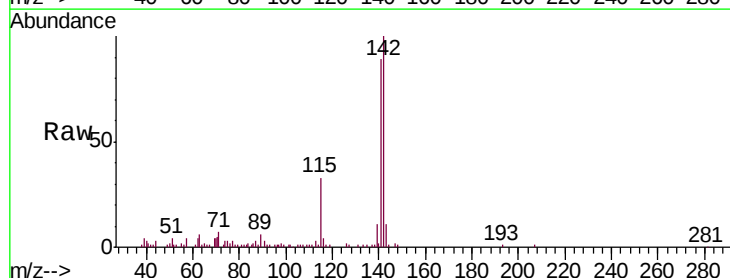
Acq: 23 Nov 2019 00:22

Tgt Ion:142 Resp: 112115

Ion Ratio Lower Upper

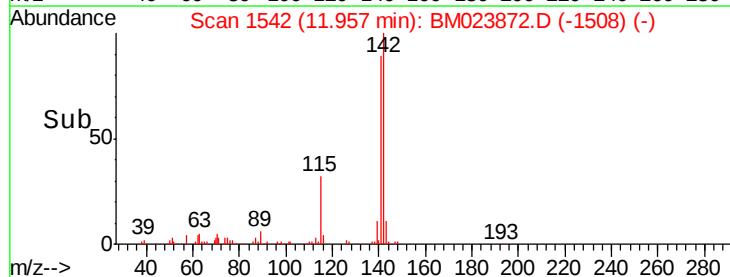
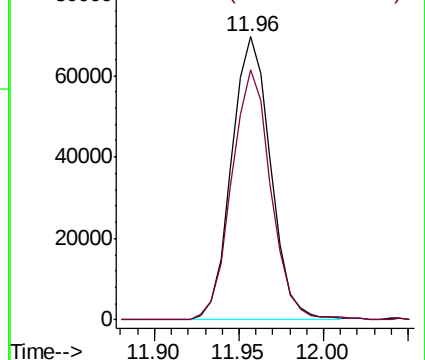
142 100

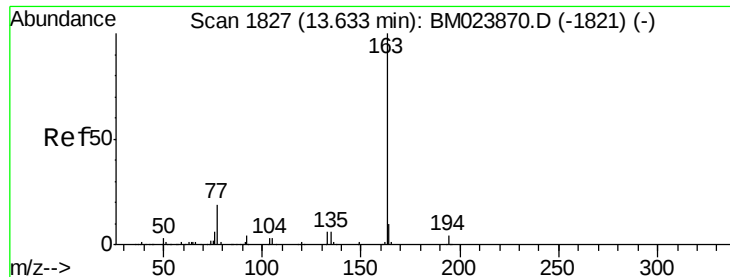
141 88.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

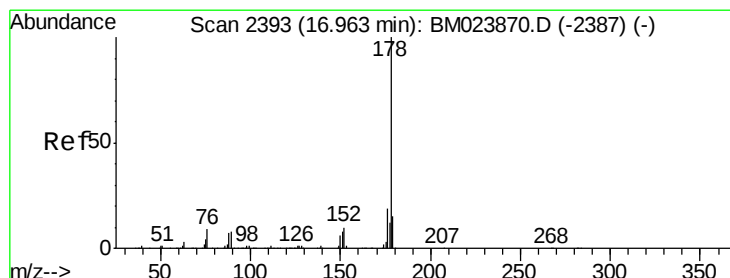
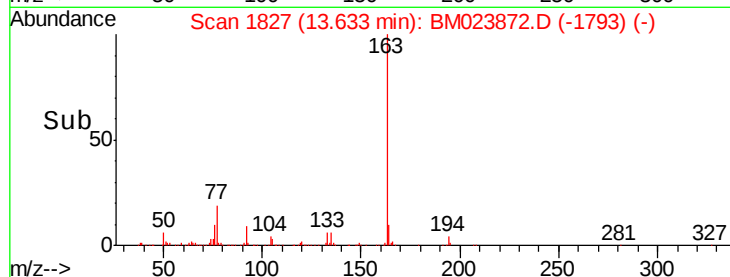
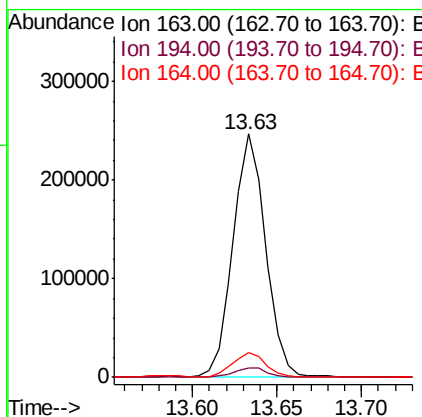
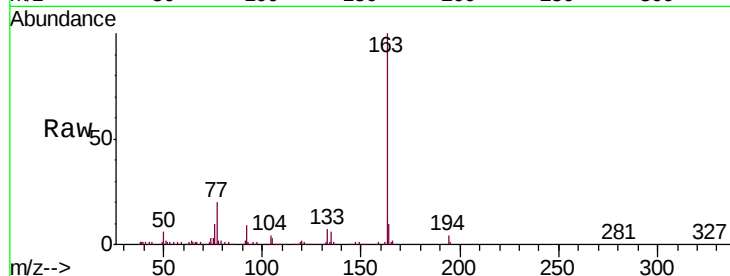




#45
Dimethylphthalate
Concen: 4.646 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM023872.D
Acq: 23 Nov 2019 00:22

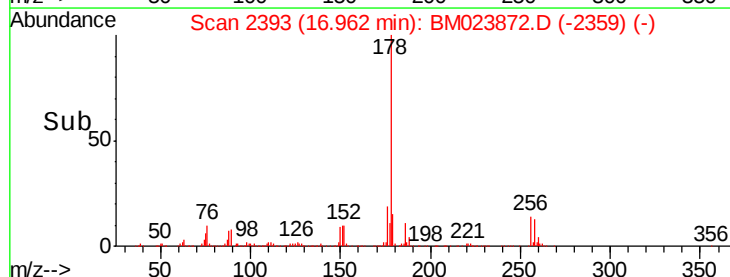
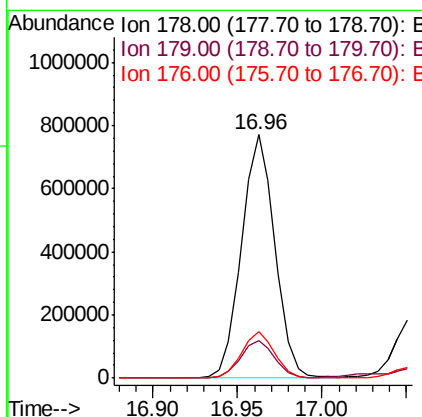
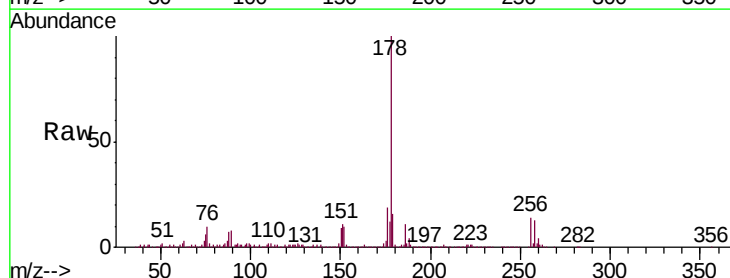
Instrument :
BNA_M
ClientSampleId :
C0AB8

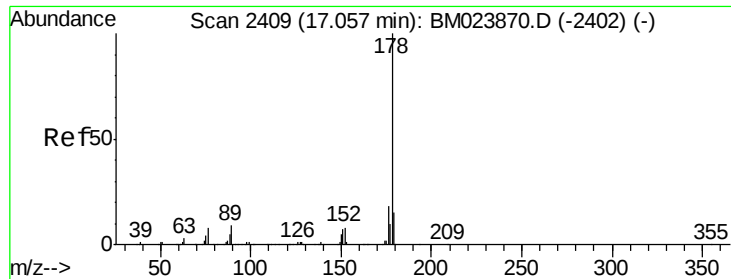
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.0	12.0



#70
Phenanthrene
Concen: 9.512 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM023872.D
Acq: 23 Nov 2019 00:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.0	22.6

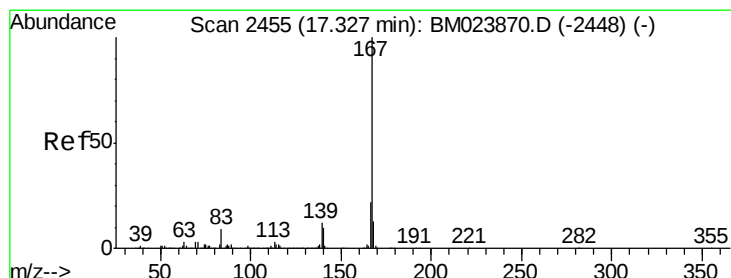
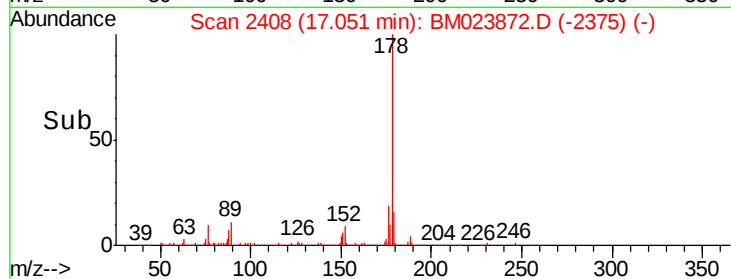
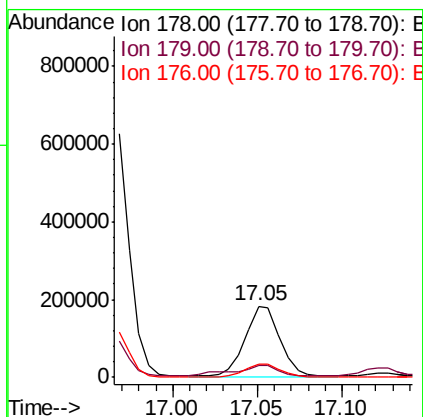
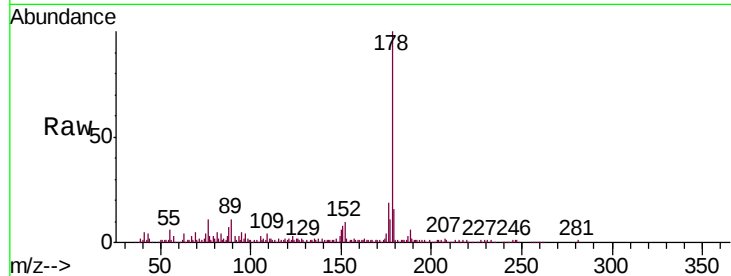




#72
 Anthracene
 Concen: 2.380 ng/ul
 RT: 17.05 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

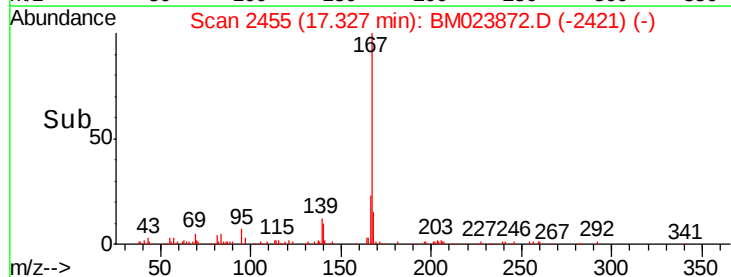
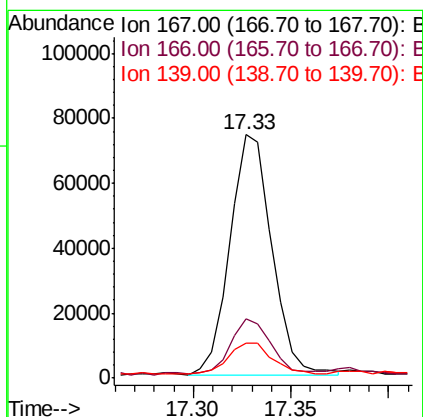
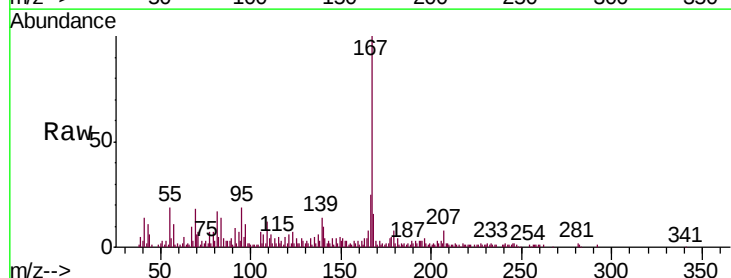
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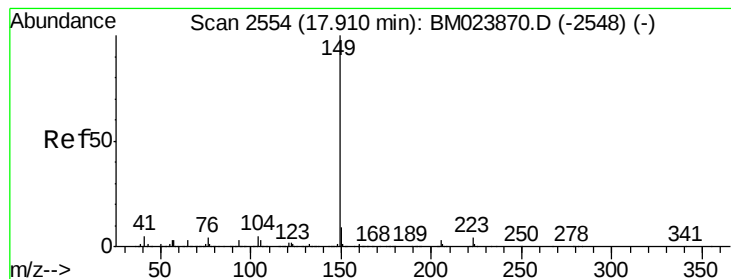
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.1	14.7	22.1



#75
 Carbazole
 Concen: 1.186 ng/ul
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.1	25.7
139	14.2	9.8	14.6





#76

Di-n-butylphthalate

Concen: 7.598 ng/ul

RT: 17.91 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

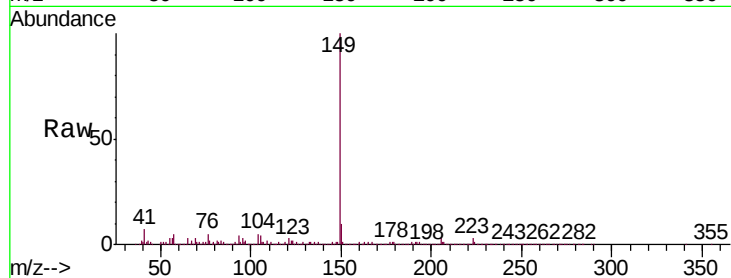
Tgt Ion:149 Resp: 776209

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

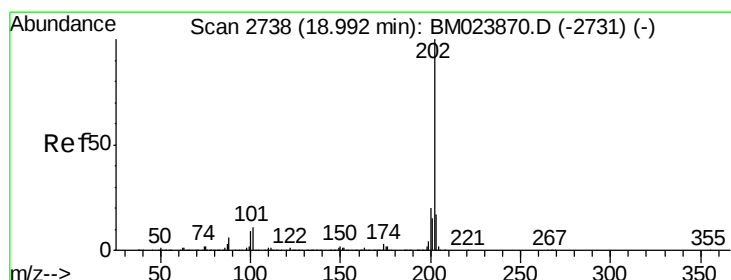
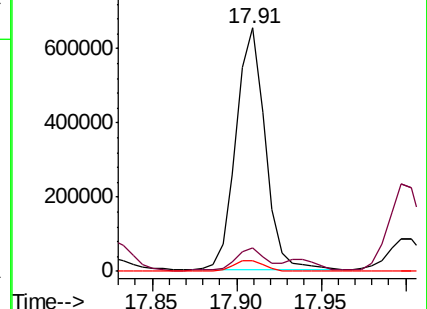
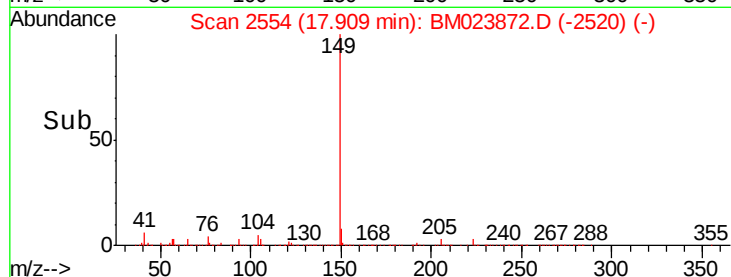
104 4.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 15.826 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

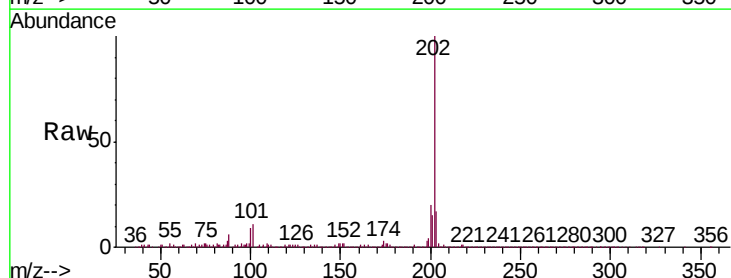
Tgt Ion:202 Resp: 1873976

Ion Ratio Lower Upper

202 100

101 11.4 7.7 11.5

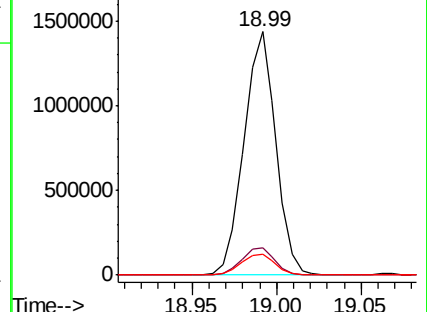
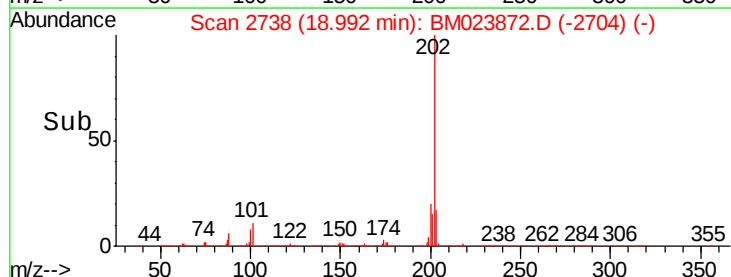
100 8.5 6.0 9.0

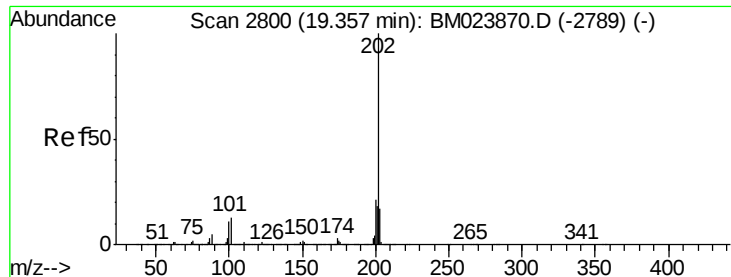


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

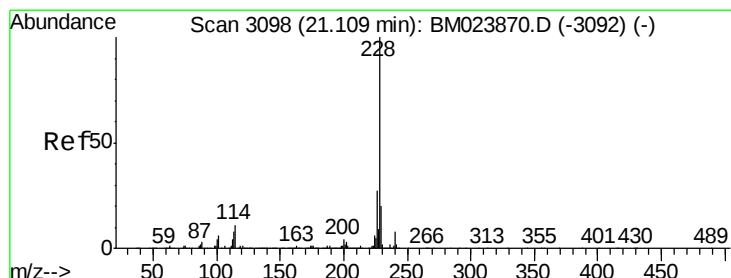
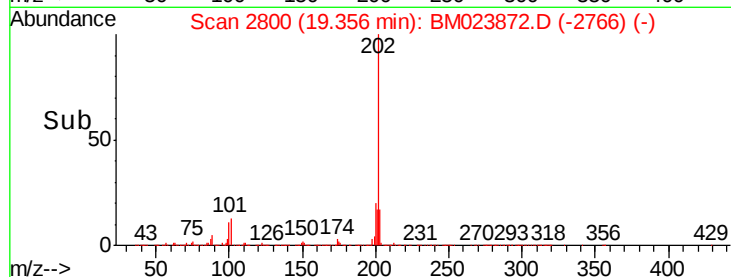
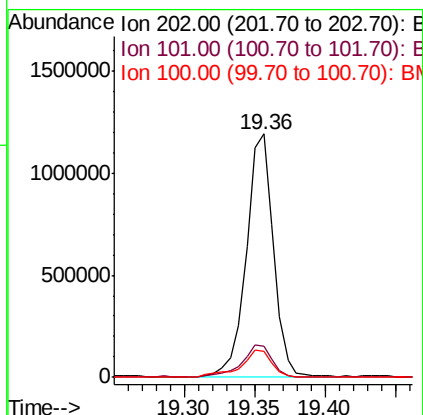
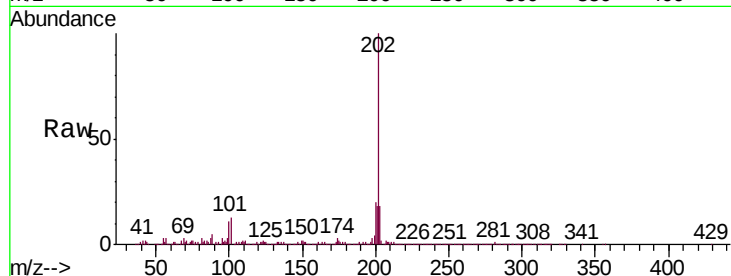




#80
 Pyrene
 Concen: 13.120 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

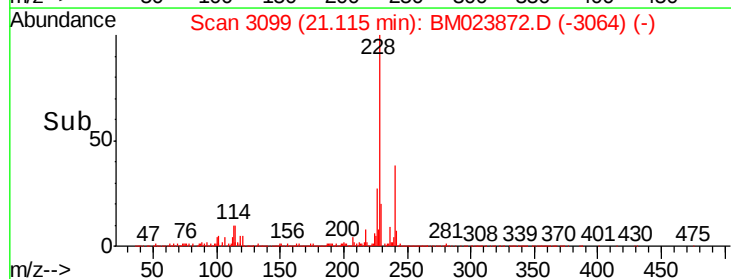
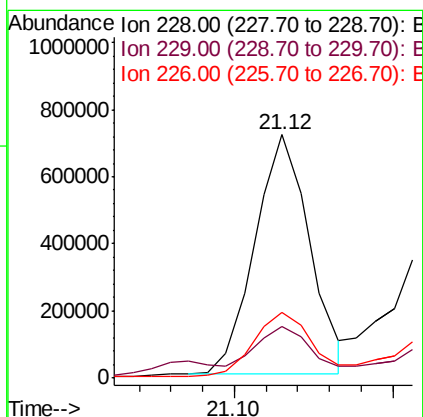
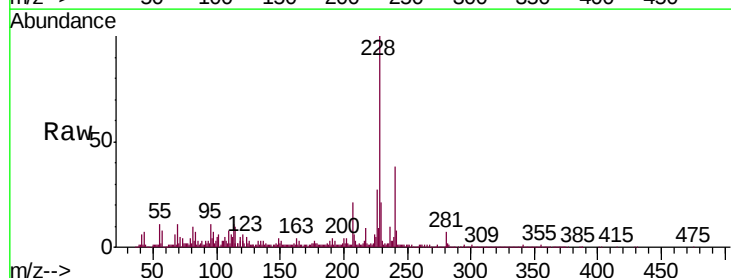
Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

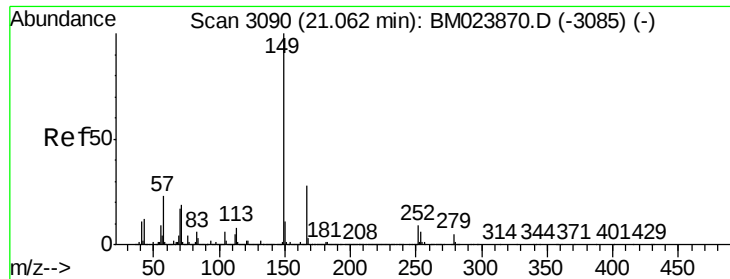
Tgt Ion:202 Resp: 1599838
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.8 14.6
 100 10.8 8.1 12.1



#83
 Benzo(a)anthracene
 Concen: 6.876 ng/ul
 RT: 21.12 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

Tgt Ion:228 Resp: 855632
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.6 23.4
 226 27.1 21.4 32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.517 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

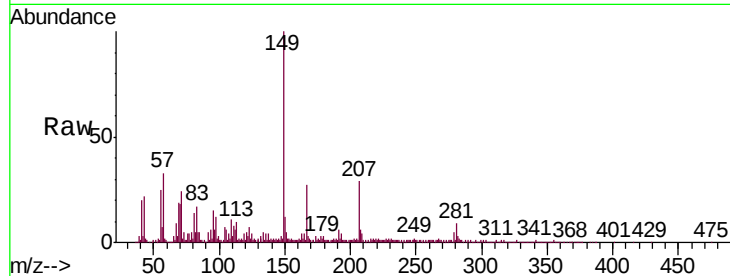
Tgt Ion:149 Resp: 671557

Ion Ratio Lower Upper

149 100

167 26.8 23.4 35.2

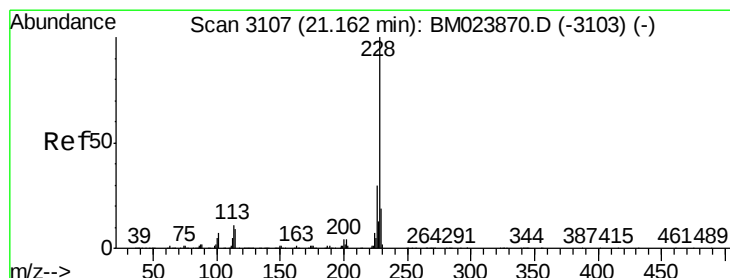
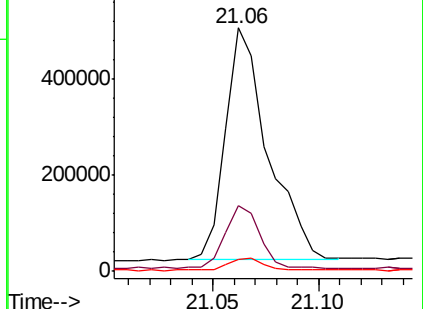
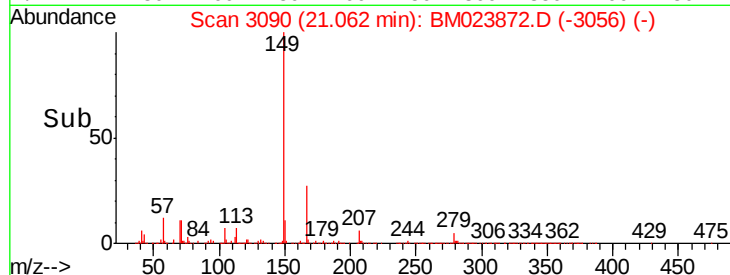
279 5.1 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 7.559 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

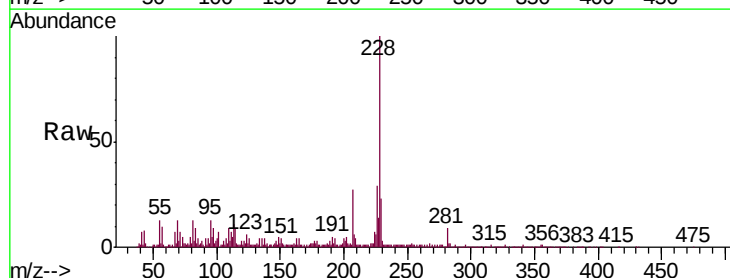
Tgt Ion:228 Resp: 885473

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

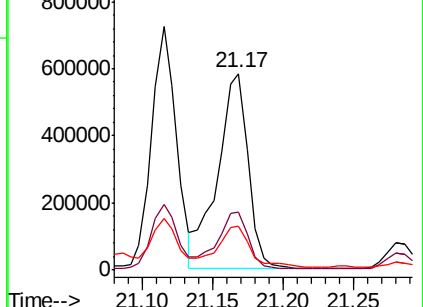
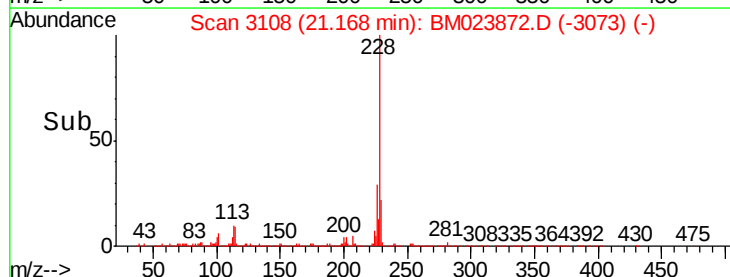
229 22.7 15.8 23.6

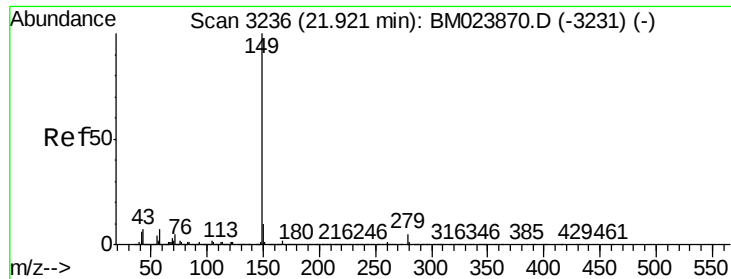


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

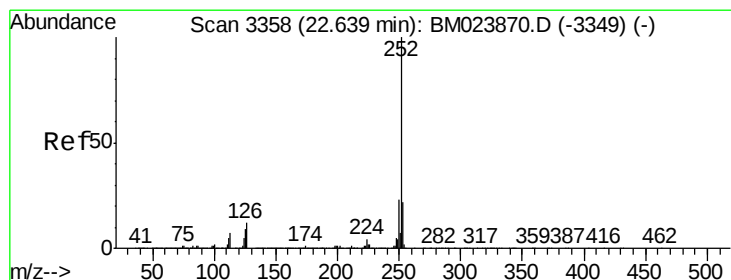
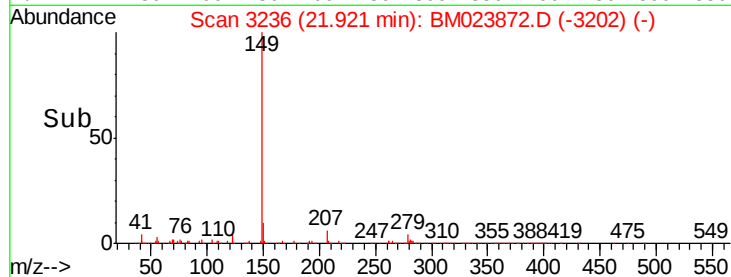
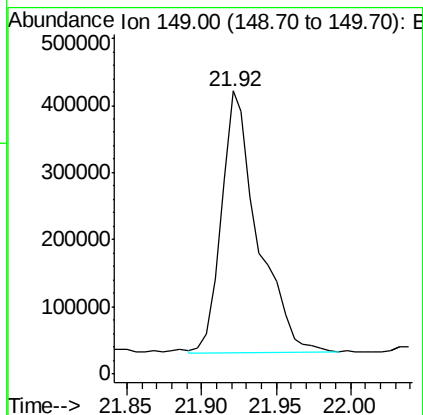
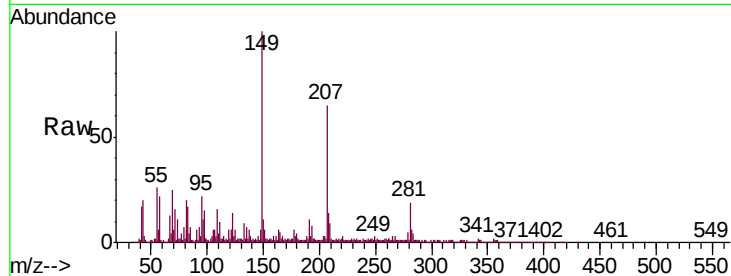




#87
 Di-n-octyl phthalate
 Concen: 5.862 ng/ul
 RT: 21.92 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

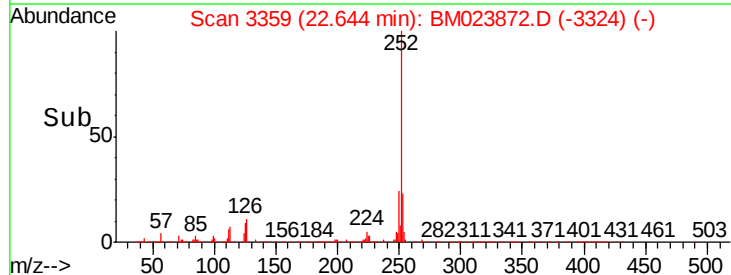
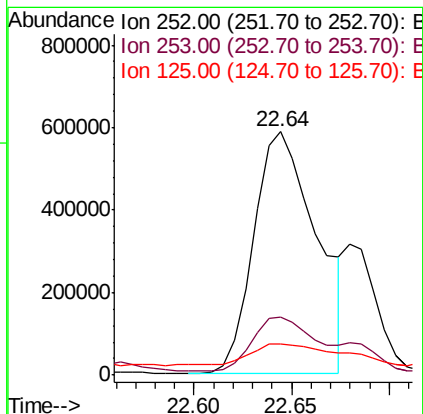
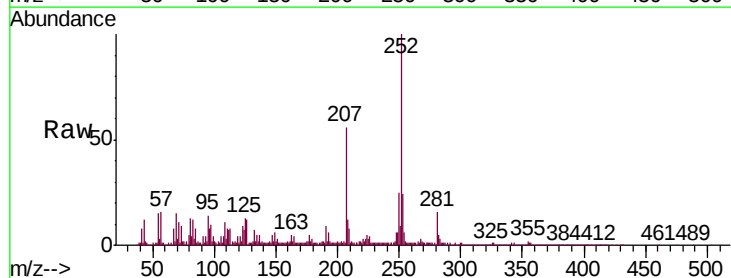
Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

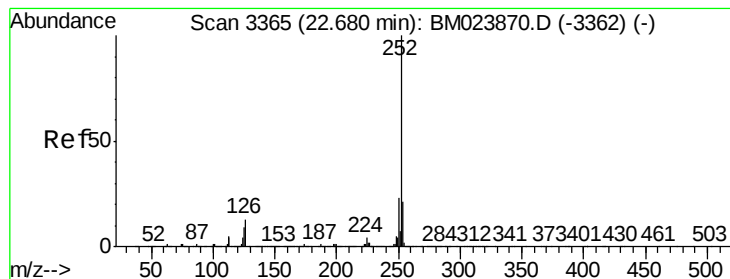
Tgt Ion:149 Resp: 662022



#88
 Benzo(b)fluoranthene
 Concen: 8.870 ng/ul
 RT: 22.64 min Scan# 3359
 Delta R.T. 0.01 min
 Lab File: BM023872.D
 Acq: 23 Nov 2019 00:22

Tgt Ion:252 Resp: 1306345
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.8 26.8
 125 12.7 6.5 9.7#





#89

Benzo(k)fluoranthene

Concen: 9.206 ng/u1

RT: 22.64 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

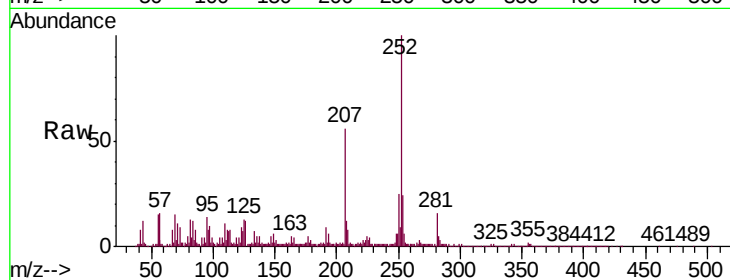
Tgt Ion:252 Resp: 1306345

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

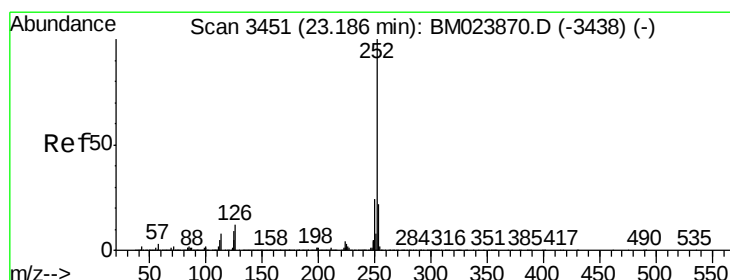
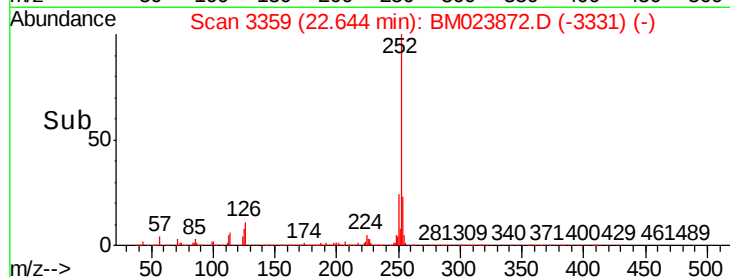
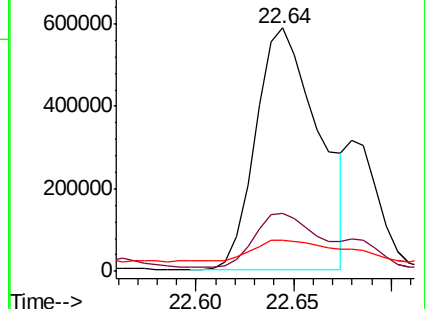
125 12.7 5.9 8.9#



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

Benzo(a)pyrene

Concen: 6.526 ng/u1

RT: 23.19 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

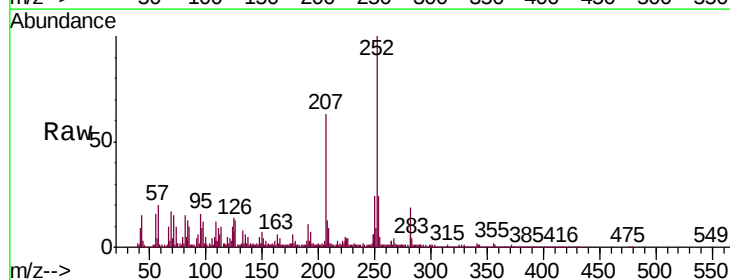
Tgt Ion:252 Resp: 879846

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

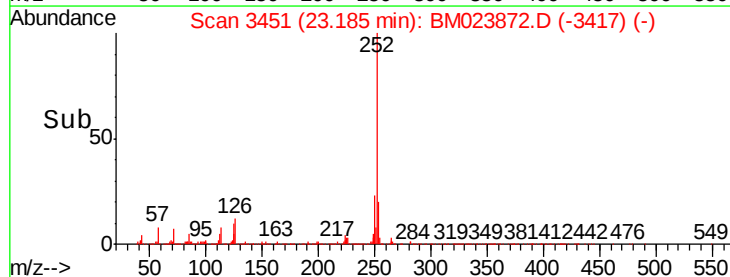
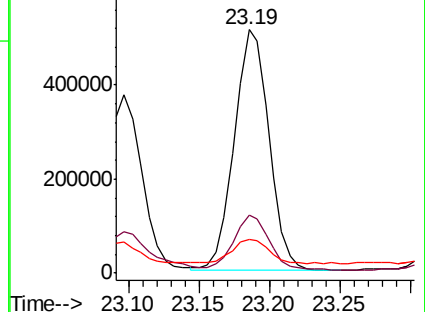
125 14.0 6.9 10.3#

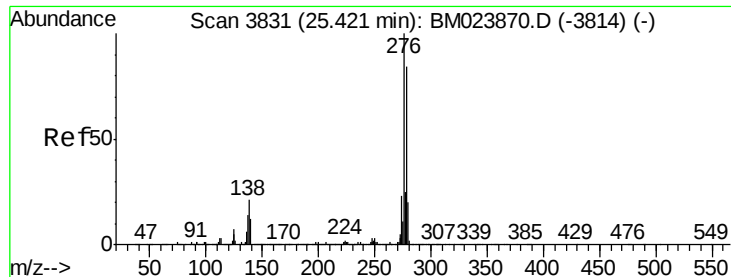


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.303 ng/ul

RT: 25.41 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

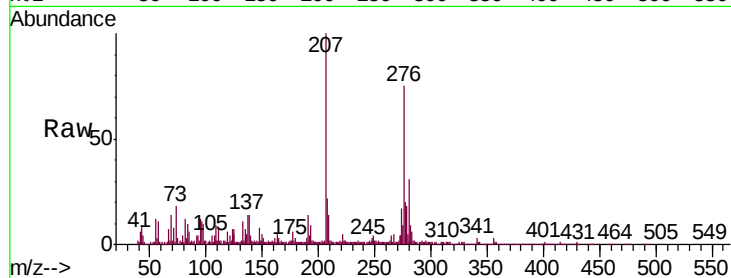
Tgt Ion:276 Resp: 620442

Ion Ratio Lower Upper

276 100

138 18.8 15.0 22.4

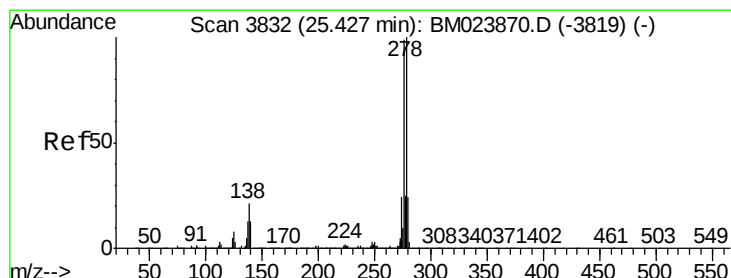
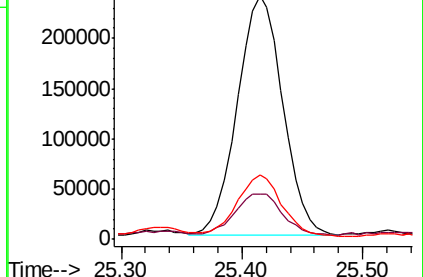
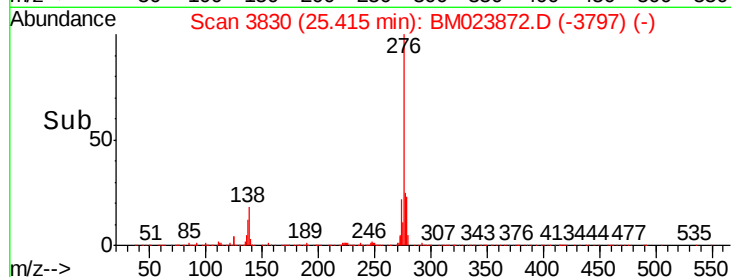
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 1.396 ng/ul

RT: 25.41 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

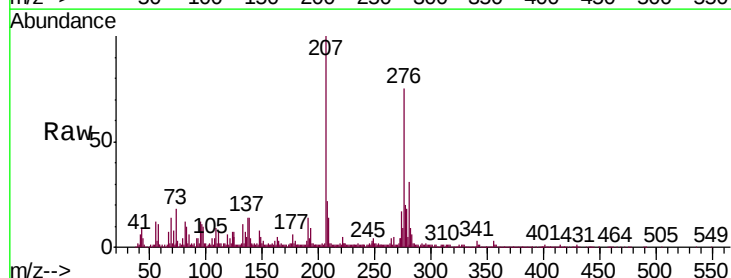
Tgt Ion:278 Resp: 169849

Ion Ratio Lower Upper

278 100

139 23.7 10.0 15.0#

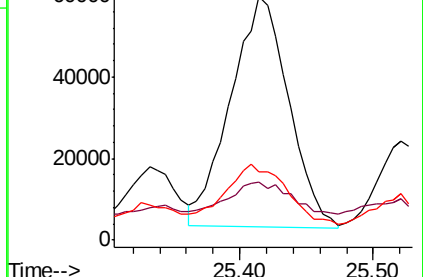
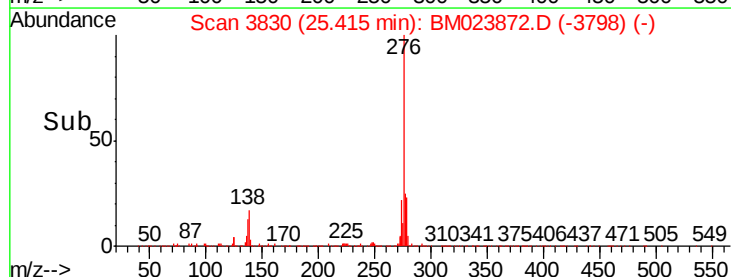
279 27.8 19.0 28.6

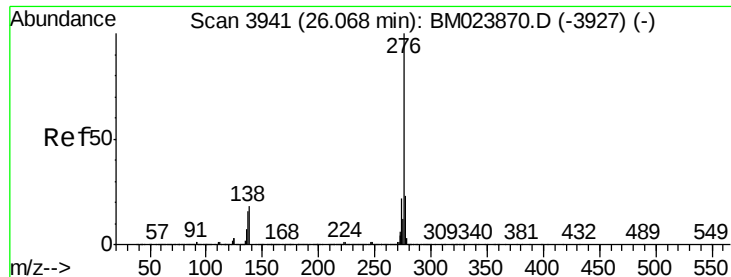


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 5.470 ng/ul

RT: 26.06 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BM023872.D

Acq: 23 Nov 2019 00:22

Instrument :

BNA_M

ClientSampleId :

C0AB8

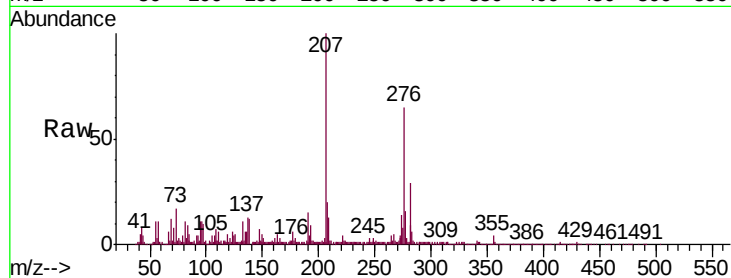
Tgt Ion: 276 Resp: 639019

Ion Ratio Lower Upper

276 100

138 18.8 13.2 19.8

277 24.1 18.6 28.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

