

Data File : BM022278.D
Acq On : 24 Aug 2019 04:46
Operator : HP/JU
Sample : K4242-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

Quant Time: Aug 29 06:54:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	40236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	177144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	122040	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	279533	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	342462	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	290076	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3417	3.80	ng/uL	0.00
5) Phenol-d5	6.75	99	75891	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	47314	23.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	67376	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	65990	21.93	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	34104	25.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	39545	25.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	75537	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	82502	21.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	265404	24.69	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	284375	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	24387	15.32	ng/ul	0.01
57) Fluorene-d10	15.22	176	228584	25.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	31089	14.41	ng/ul	0.00
70) Anthracene-d10	17.07	188	389157	26.29	ng/ul	0.00
78) Pyrene-d10	19.38	212	522853	29.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	454574	28.52	ng/ul	0.00

Target Compounds

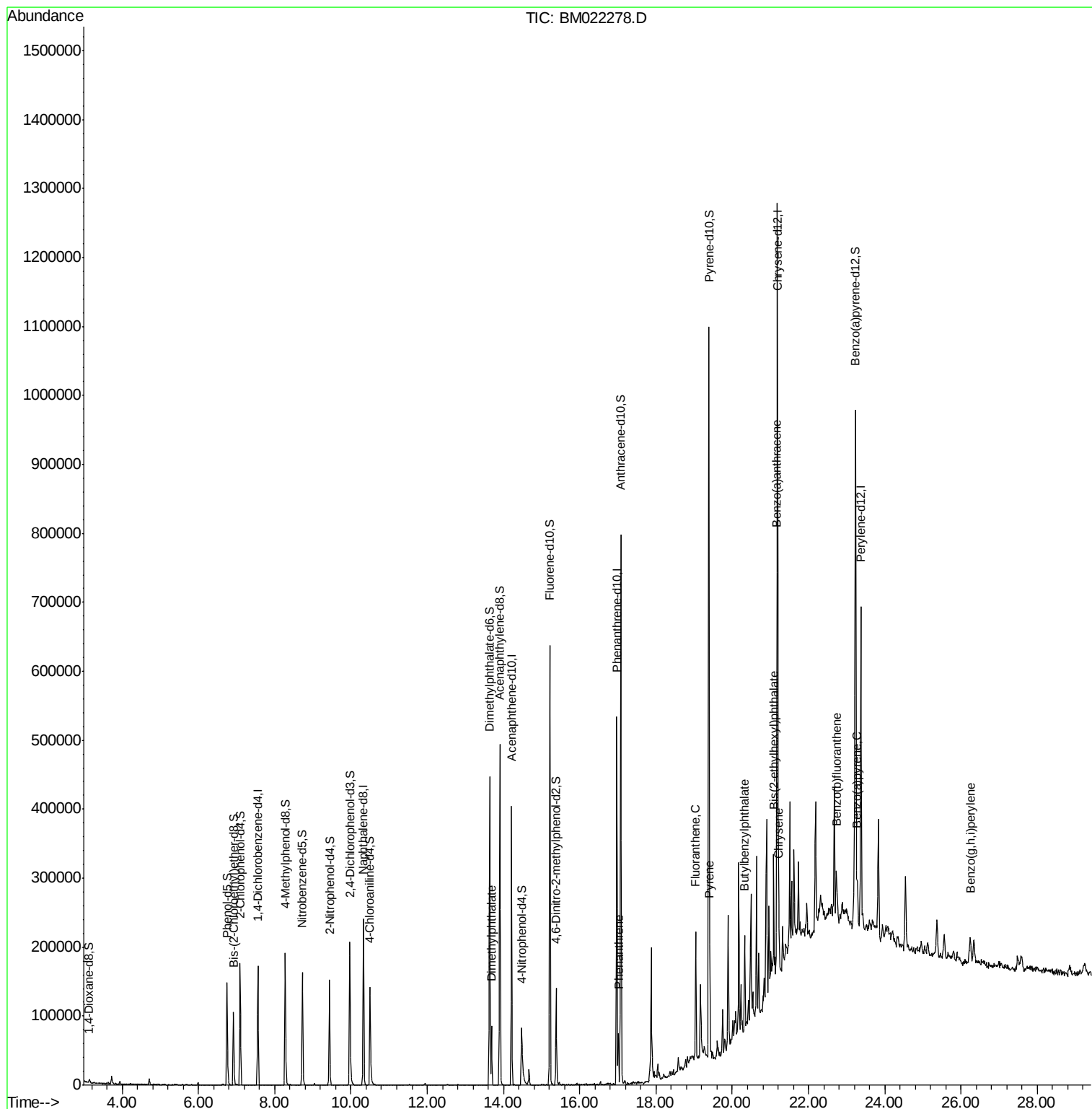
					Qvalue	
44) Dimethylphthalate	13.69	163	49478	4.524	ng/ul#	95
69) Phenanthrene	17.02	178	38497	2.302	ng/ul	99
76) Fluoranthene	19.04	202	96758	3.840	ng/ul	98
79) Pyrene	19.41	202	87934	3.967	ng/ul	99
80) Butylbenzylphthalate	20.32	149	10306	1.099	ng/ul#	91
82) Benzo(a)anthracene	21.17	228	57380	2.226	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.09	149	53977	3.824	ng/ul	98
84) Chrysene	21.22	228	52094	2.162	ng/ul	96
87) Benzo(b)fluoranthene	22.72	252	58928	2.920	ng/ul#	94
90) Benzo(a)pyrene	23.28	252	39083	2.032	ng/ul#	94
93) Benzo(g,h,i)perylene	26.24	276	17619	1.034	ng/ul#	82

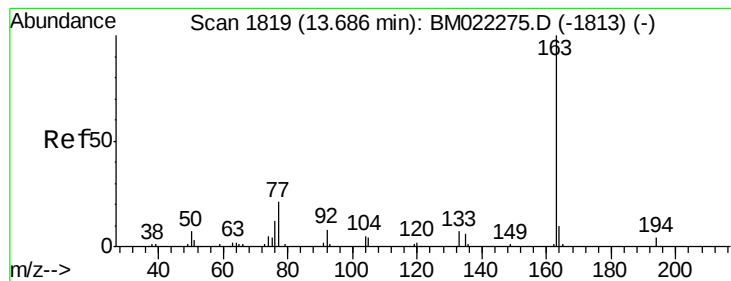
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.524 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.00 min

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Acq: 24 Aug 2019 04:46

Instrument :

BNA_M

ClientSampleId :

C0AF5

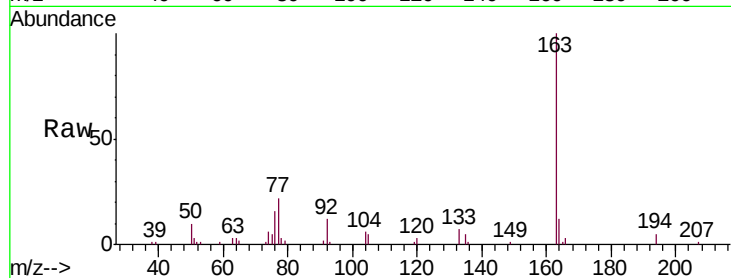
Tgt Ion:163 Resp: 49478

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

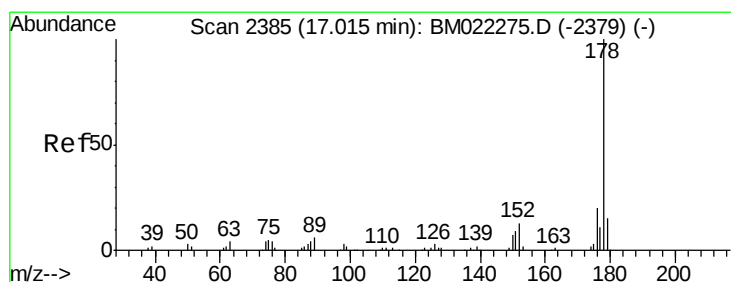
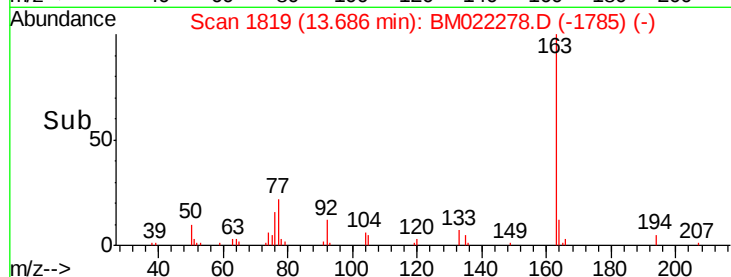
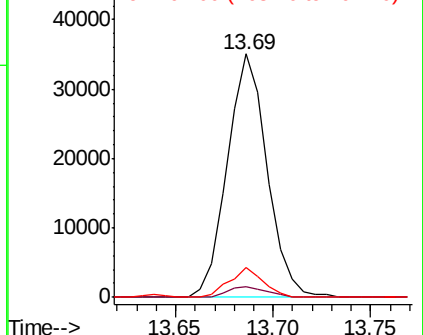
164 12.3 7.8 11.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.302 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM022278.D

Acq: 24 Aug 2019 04:46

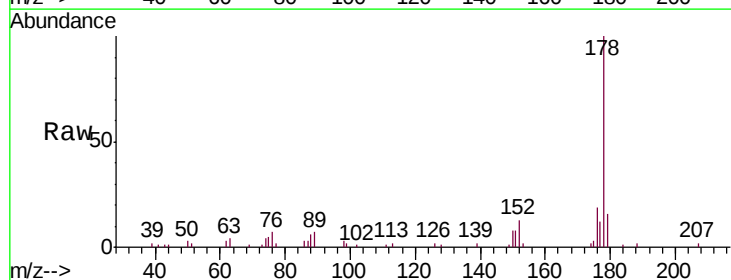
Tgt Ion:178 Resp: 38497

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

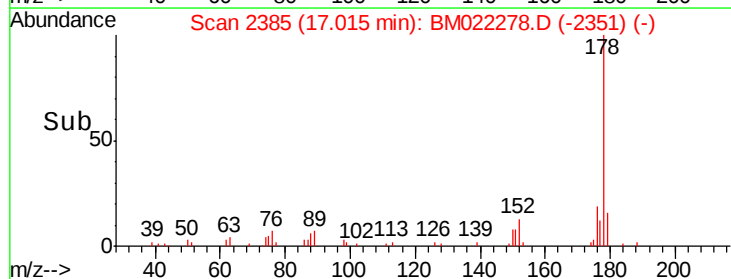
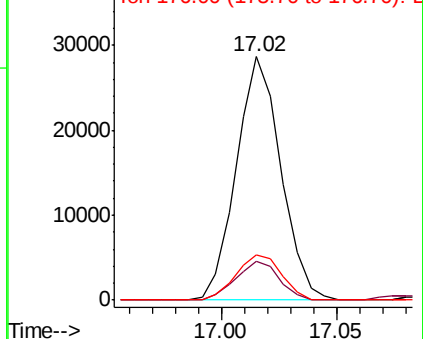
176 18.5 15.4 23.0

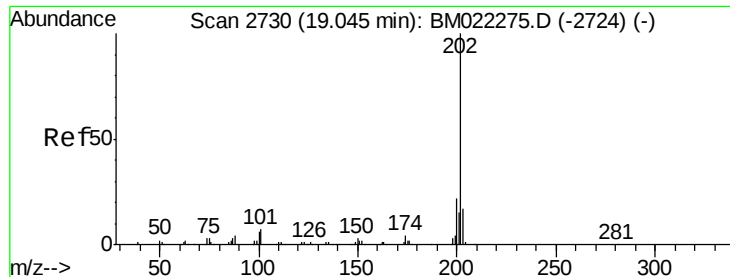


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

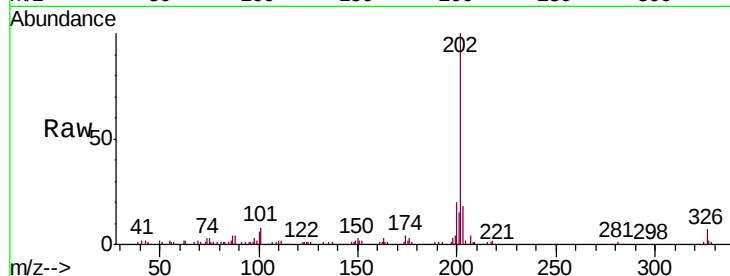




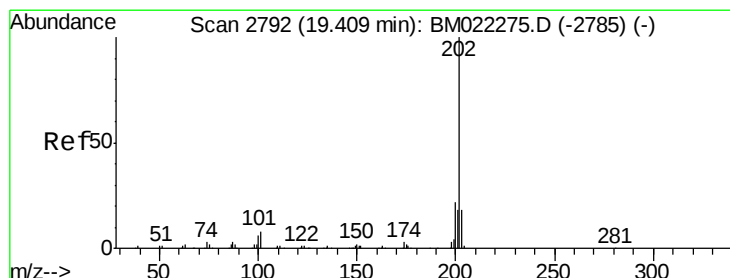
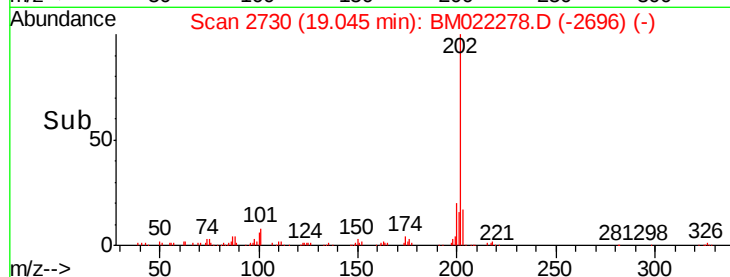
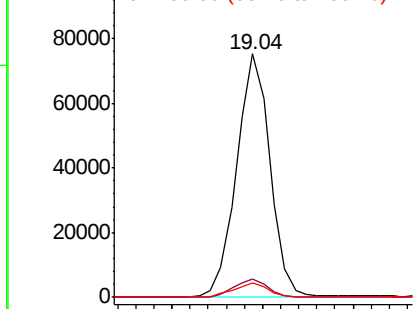
#76
 Fluoranthene
 Concen: 3.840 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM022278.D
 Acq: 24 Aug 2019 04:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.3	7.9
100	6.0	4.6	6.8

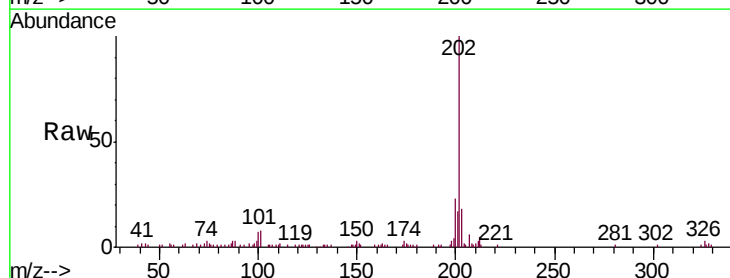


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

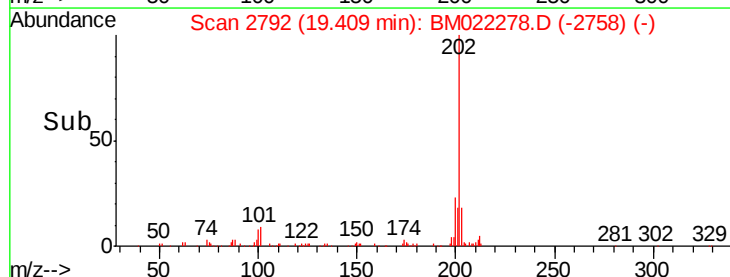
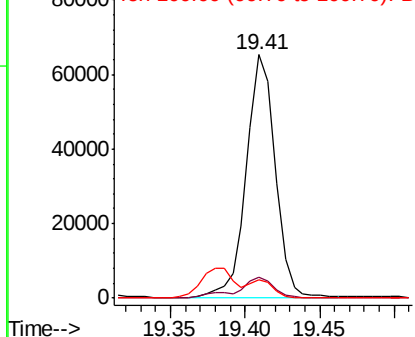


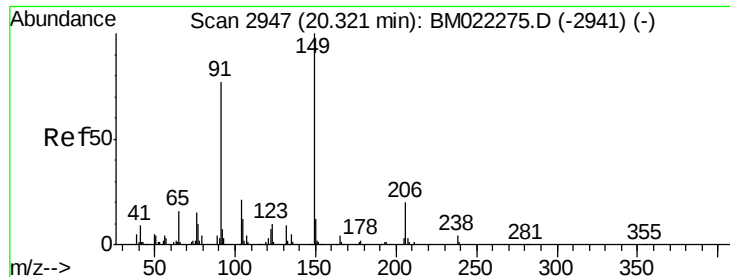
#79
 Pyrene
 Concen: 3.967 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM022278.D
 Acq: 24 Aug 2019 04:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	7.4	5.8	8.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

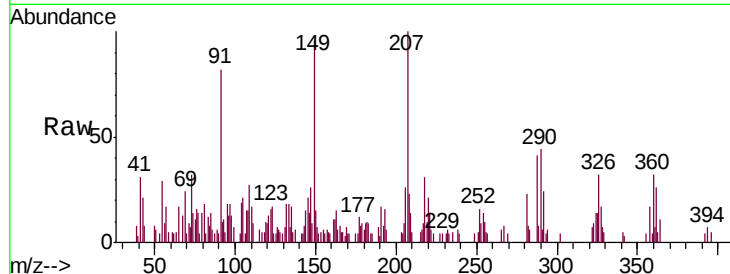




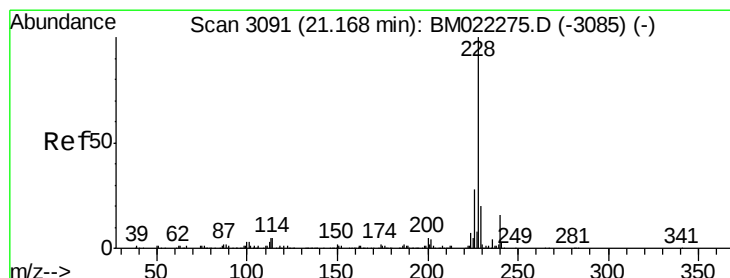
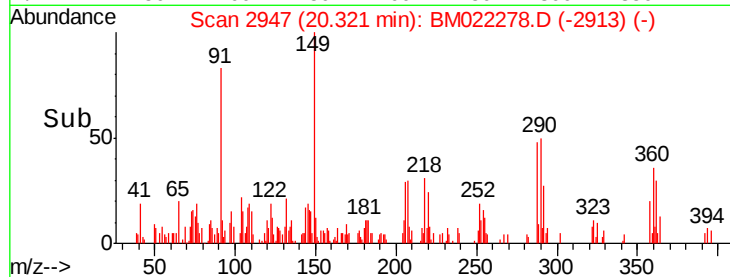
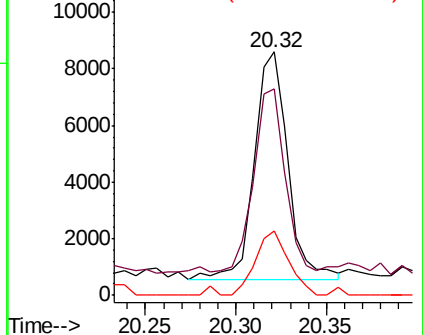
#80
Butylbenzylphthalate
Concen: 1.099 ng/u1
RT: 20.32 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BM022278.D
Acq: 24 Aug 2019 04:46

Instrument :
BNA_M
ClientSampleId :
C0AF5

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.8	61.8	92.8
206	26.5	16.6	25.0

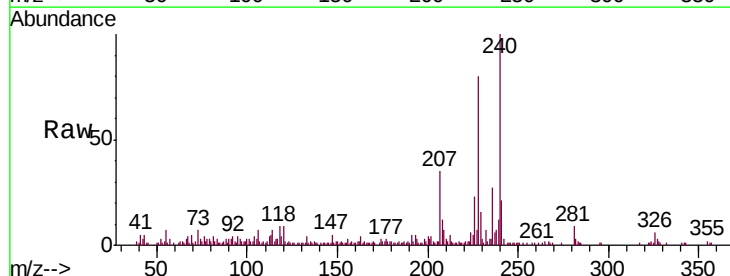


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

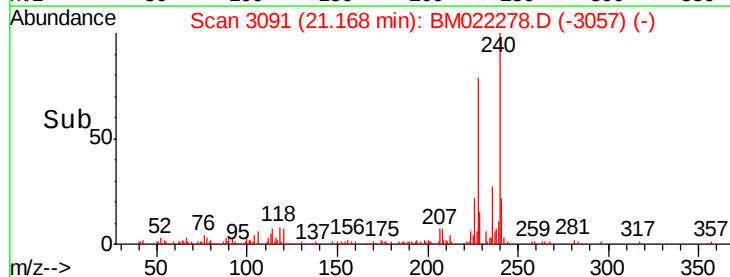
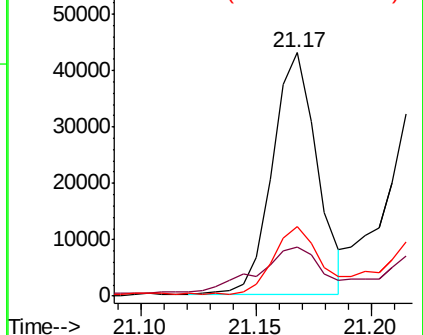


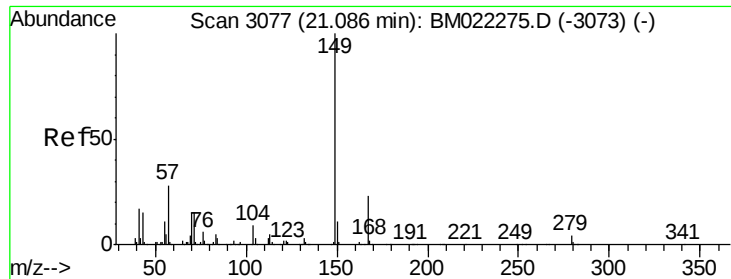
#82
Benzo(a)anthracene
Concen: 2.226 ng/u1
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM022278.D
Acq: 24 Aug 2019 04:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.2	22.8
226	28.6	22.3	33.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

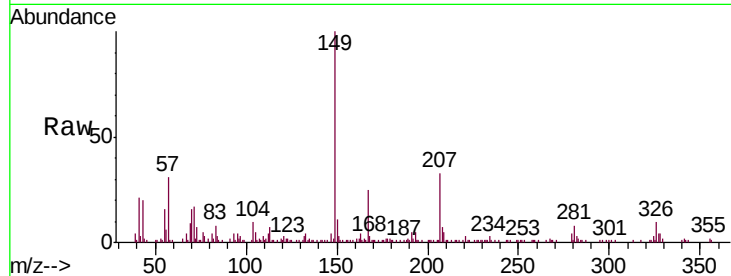




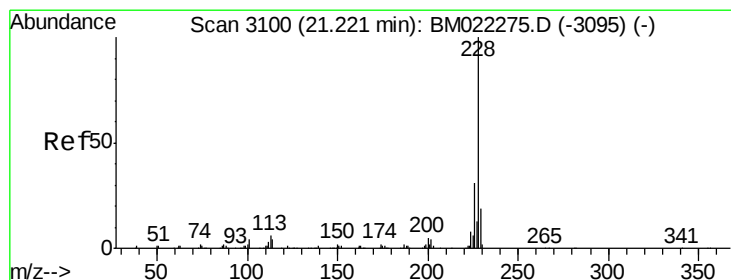
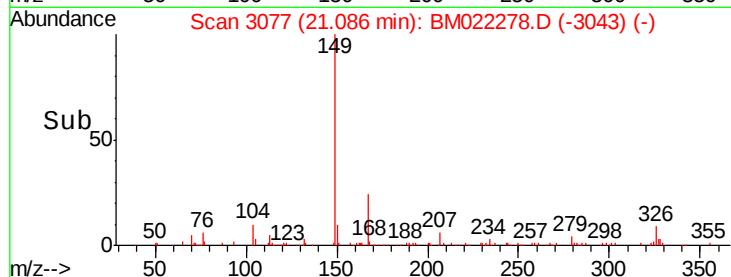
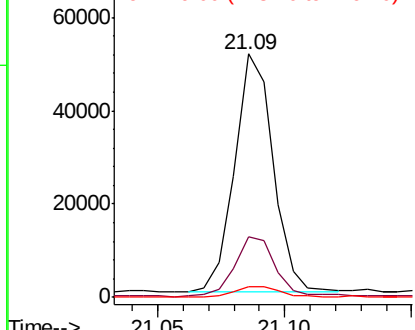
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.824 ng/ul
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.00 min
 Lab File: BM022278.D
 Acq: 24 Aug 2019 04:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Tgt Ion:149 Resp: 53977
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.1 28.7
 279 4.3 3.3 4.9

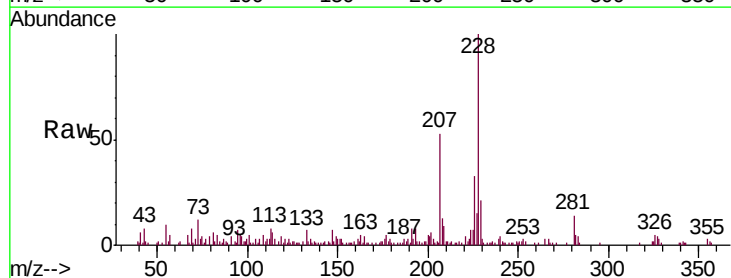


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

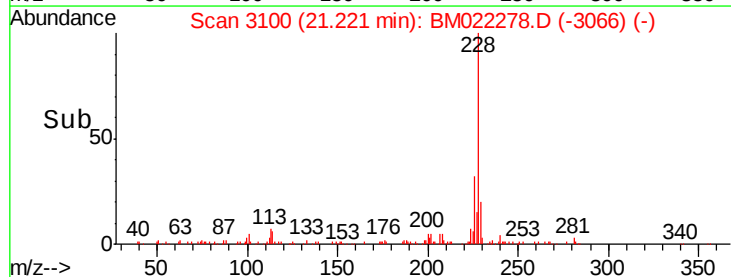
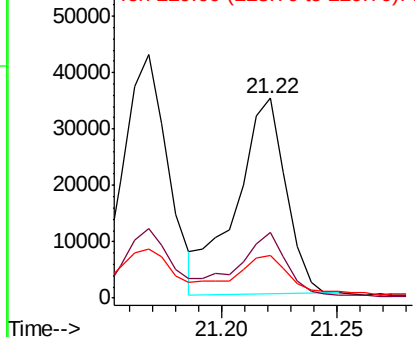


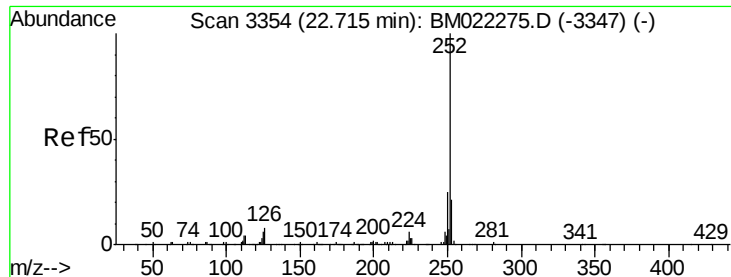
#84
 Chrysene
 Concen: 2.162 ng/ul
 RT: 21.22 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM022278.D
 Acq: 24 Aug 2019 04:46

Tgt Ion:228 Resp: 52094
 Ion Ratio Lower Upper
 228 100
 226 32.9 24.7 37.1
 229 21.4 15.7 23.5



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

Benzo(b)fluoranthene

Concen: 2.920 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM022278.D

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Instrument :

BNA_M

ClientSampleId :

C0AF5

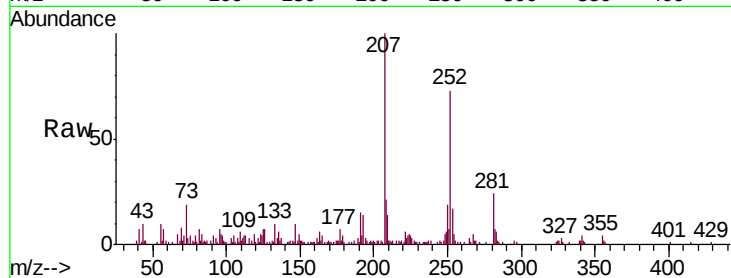
Tgt Ion:252 Resp: 58928

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

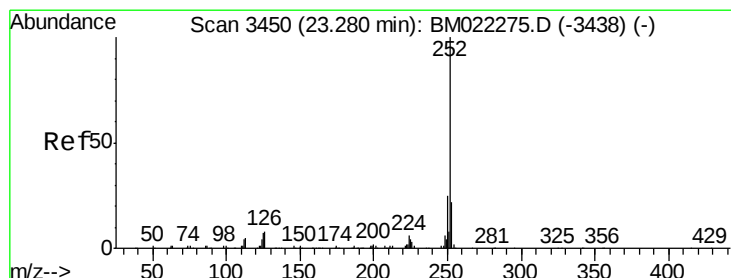
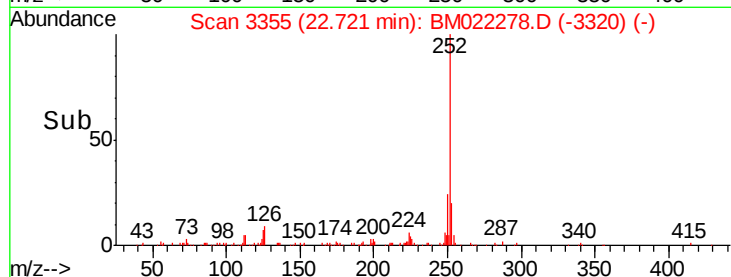
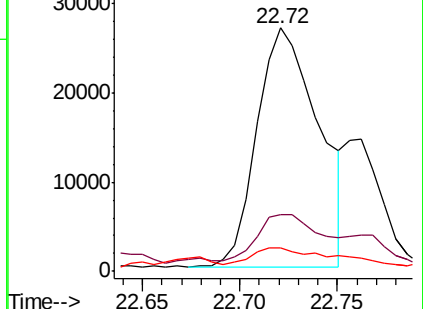
125 9.8 5.2 7.8#



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: 2.032 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM022278.D

Acq: 24 Aug 2019 04:46

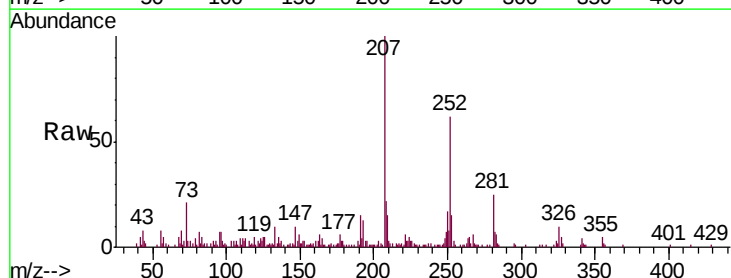
Tgt Ion:252 Resp: 39083

Ion Ratio Lower Upper

252 100

253 24.4 16.9 25.3

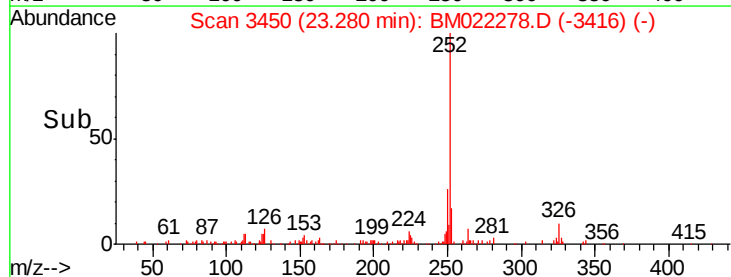
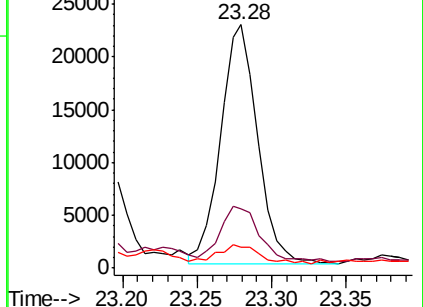
125 8.5 5.5 8.3#

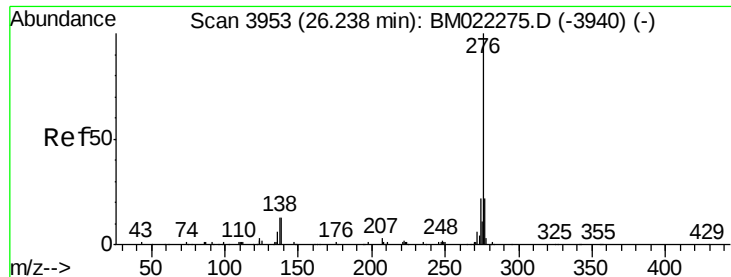


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.034 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.00 min

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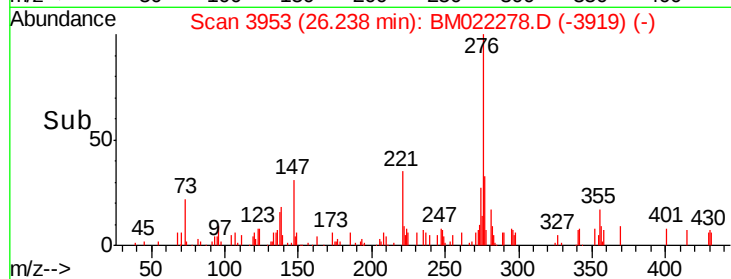
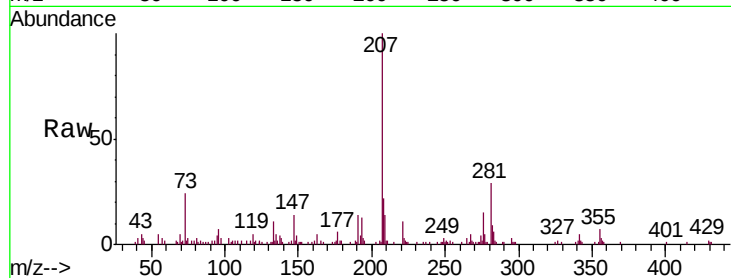
Tgt Ion:276 Resp: 17619

Ion Ratio Lower Upper

276 100

138 18.2 10.2 15.4#

277 32.6 18.2 27.4#



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

