

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
 Data File : BM022280.D
 Acq On : 24 Aug 2019 06:00
 Operator : HP/JU
 Sample : K42420-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Quant Time: Aug 25 01:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 25 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	39735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	172277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	119250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	273170	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	316384	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	272998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2612	2.94	ng/uL	0.00
5) Phenol-d5	6.75	99	67200	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	40349	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	57964	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	51923	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29406	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	33093	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	67089	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	61213	16.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	236140	22.49	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	253110	22.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	21427	13.77	ng/ul	0.01
57) Fluorene-d10	15.22	176	200577	23.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	22439	10.65	ng/ul	0.00
70) Anthracene-d10	17.07	188	335796	23.21	ng/ul	0.00
78) Pyrene-d10	19.38	212	448636	27.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	382121	25.48	ng/ul	0.00

Target Compounds

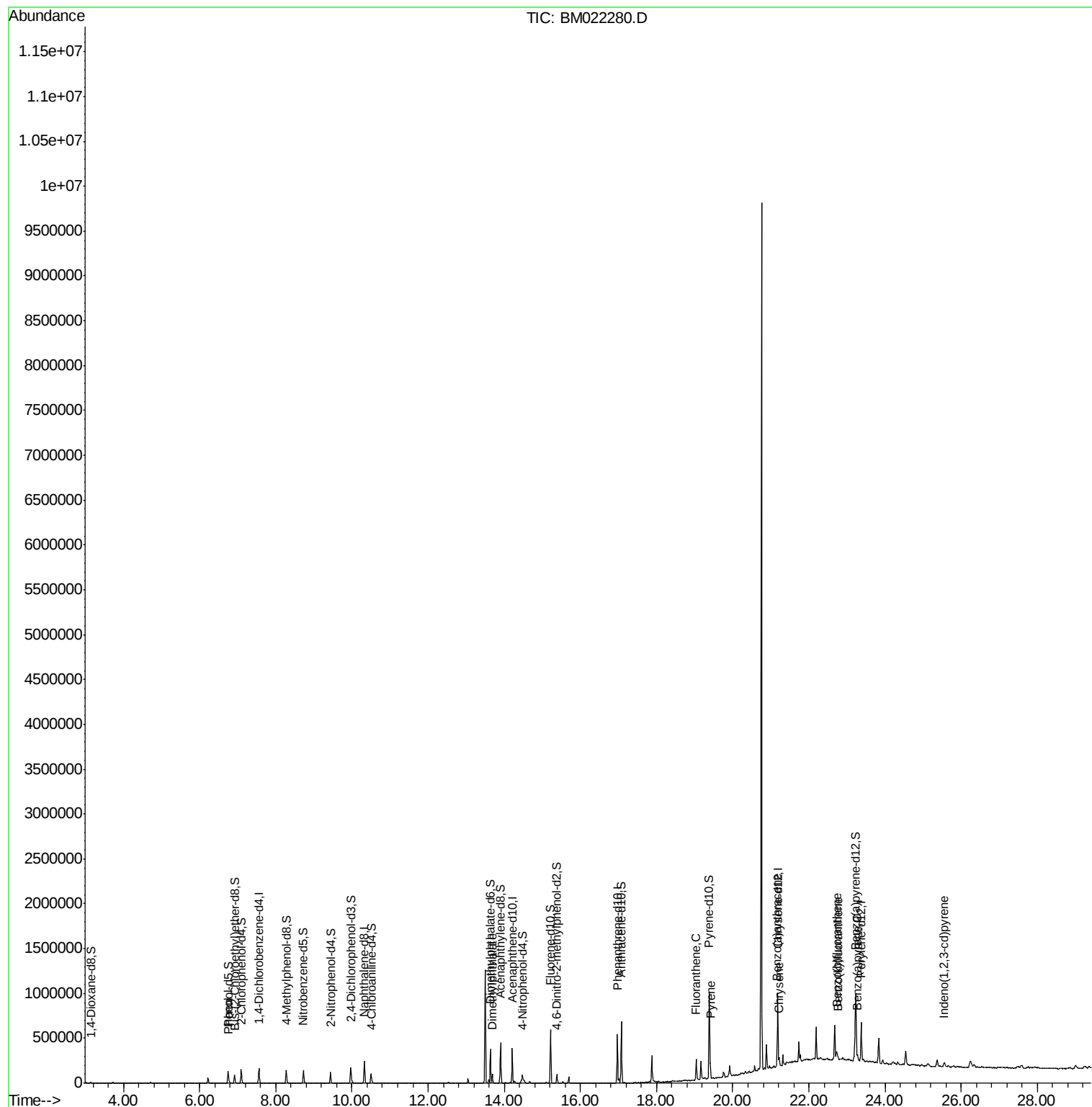
					Qvalue	
6) Phenol	6.77	94	4921	1.340	ng/ul#	71
44) Dimethylphthalate	13.69	163	61773	5.781	ng/ul	100
76) Fluoranthene	19.04	202	107148	4.351	ng/ul	99
79) Pyrene	19.41	202	89544	4.373	ng/ul	99
82) Benzo(a)anthracene	21.17	228	49768	2.090	ng/ul	96
84) Chrysene	21.22	228	52155	2.342	ng/ul	96
87) Benzo(b)fluoranthene	22.72	252	65494	3.449	ng/ul#	93
88) Benzo(k)fluoranthene	22.76	252	21545	1.170	ng/ul#	90
90) Benzo(a)pyrene	23.28	252	39774	2.197	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.56	276	29279	1.393	ng/ul	97

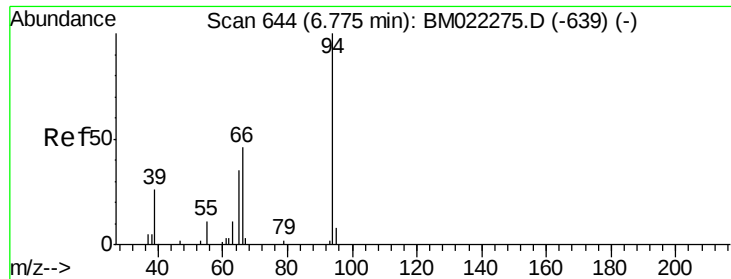
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.340 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Instrument :

BNA_M

ClientSampleId :

C0AF9

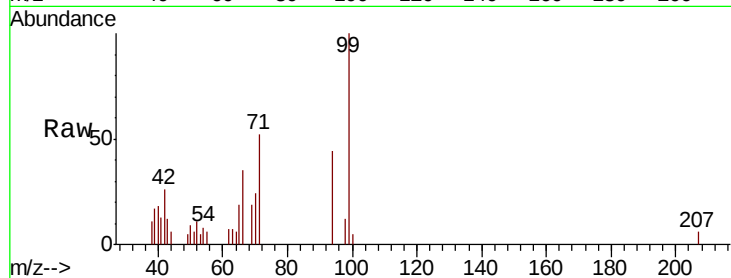
Tgt Ion: 94 Resp: 4921

Ion Ratio Lower Upper

94 100

65 42.8 29.2 43.8

66 79.5 40.6 60.8#

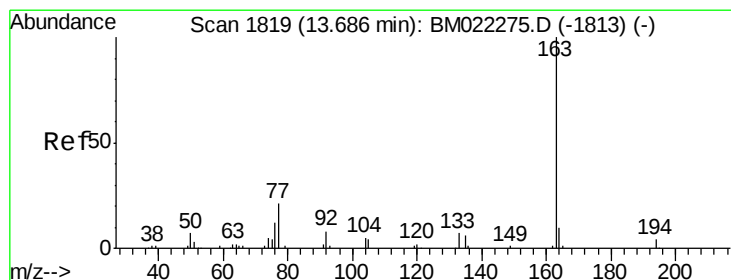
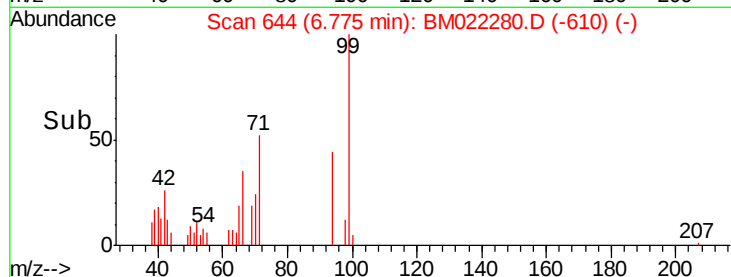
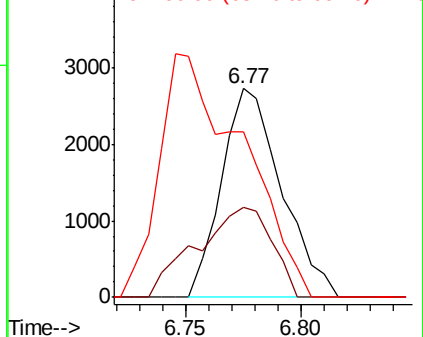


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#44

Dimethylphthalate

Concen: 5.781 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

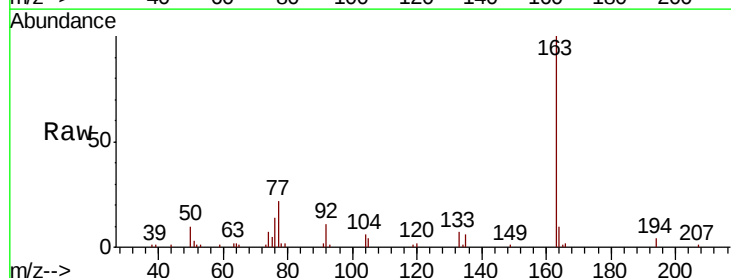
Tgt Ion: 163 Resp: 61773

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.7 7.8 11.8

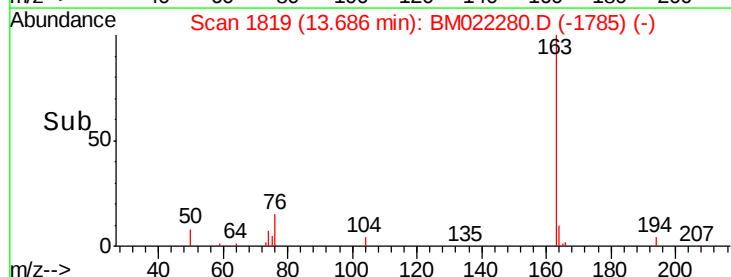
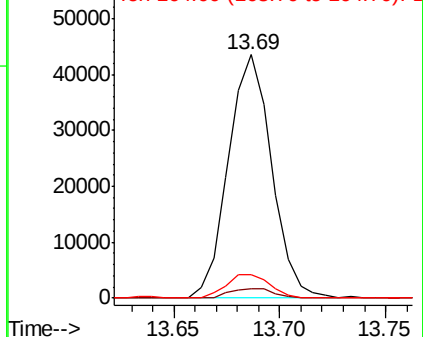


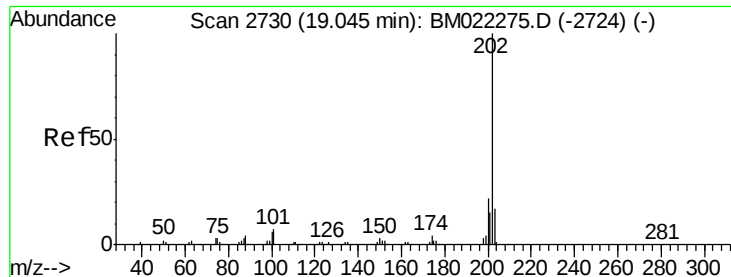
Abundance

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

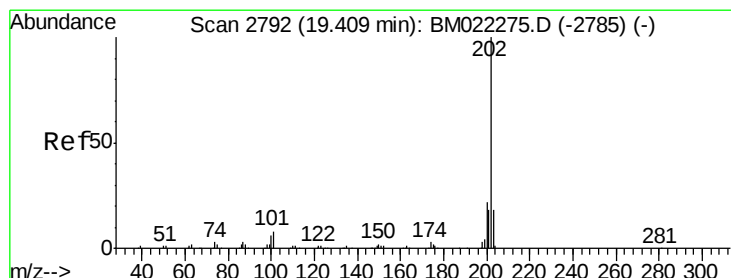
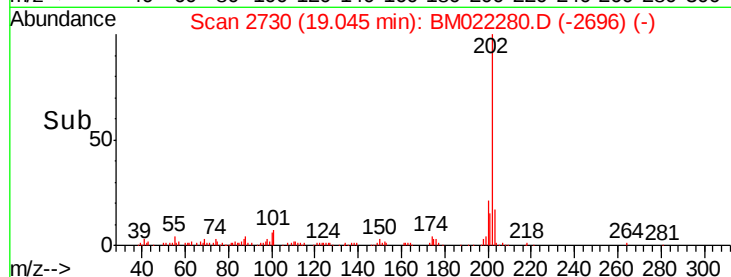
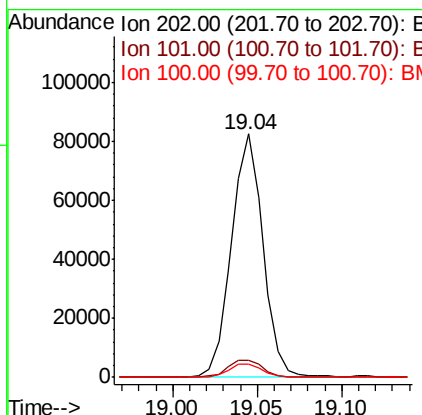
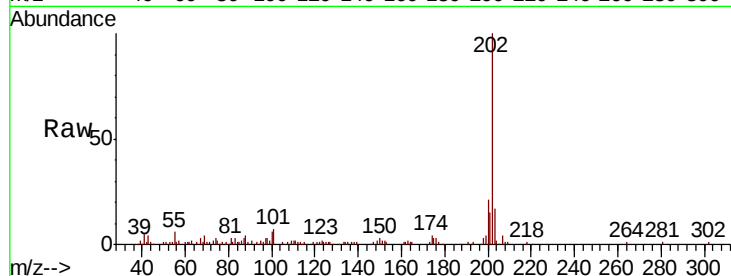




#76
 Fluoranthene
 Concen: 4.351 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM022280.D
 Acq: 24 Aug 2019 06:00

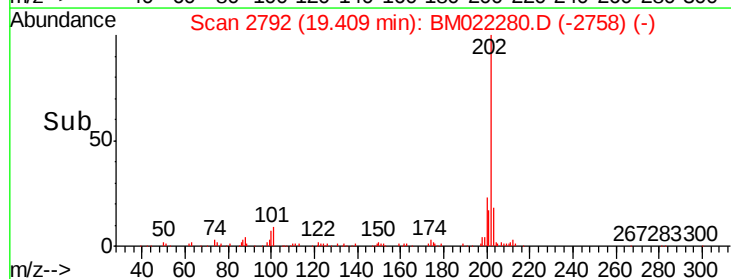
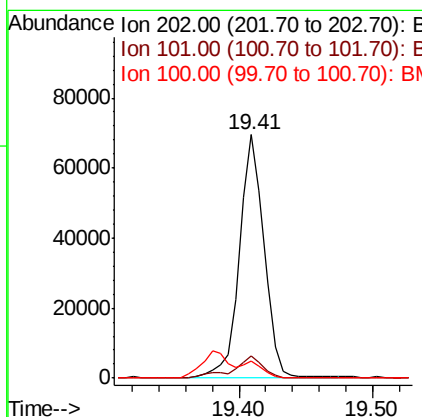
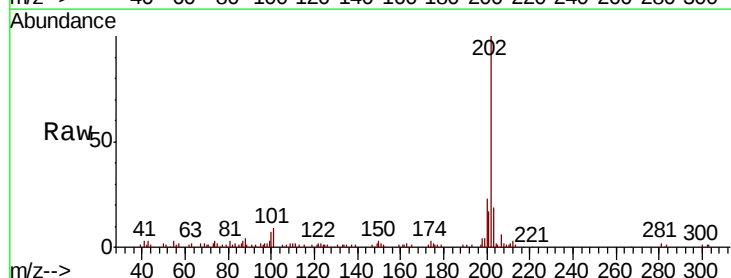
Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

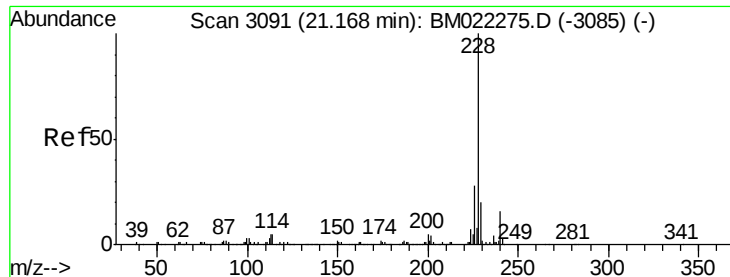
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.3	7.9
100	5.6	4.6	6.8



#79
 Pyrene
 Concen: 4.373 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM022280.D
 Acq: 24 Aug 2019 06:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	7.0	5.8	8.8

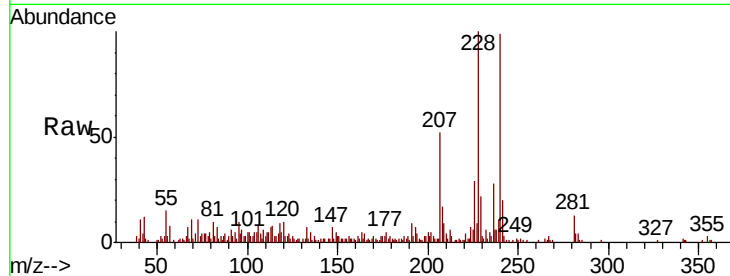




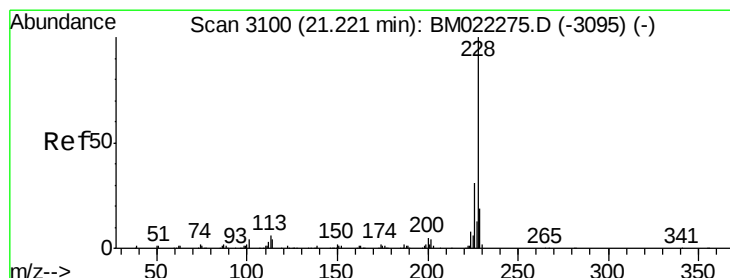
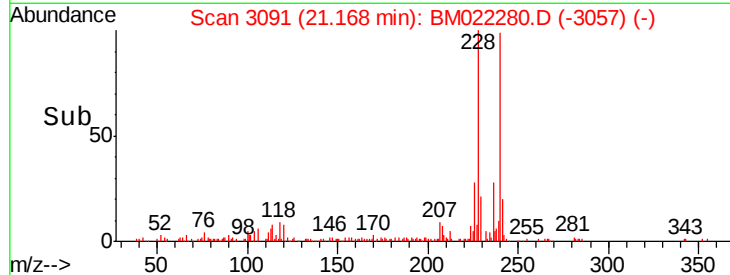
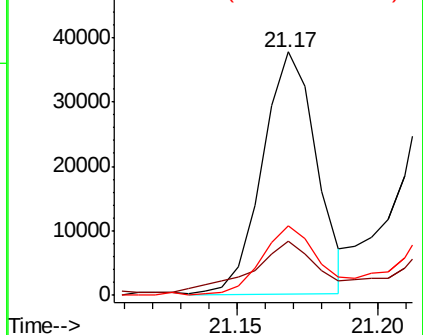
#82
Benzo(a)anthracene
Concen: 2.090 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM022280.D
Acq: 24 Aug 2019 06:00

Instrument :
BNA_M
ClientSampleId :
C0AF9

Tgt Ion:228 Resp: 49768
Ion Ratio Lower Upper
228 100
229 22.1 15.2 22.8
226 28.5 22.3 33.5

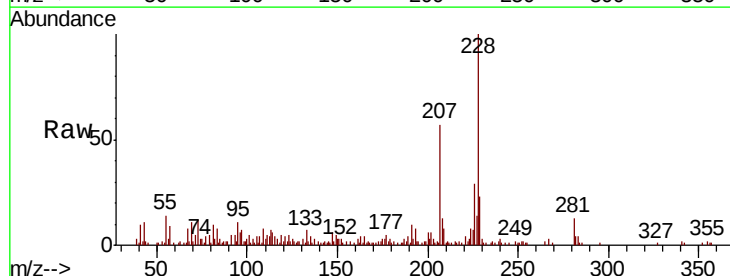


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

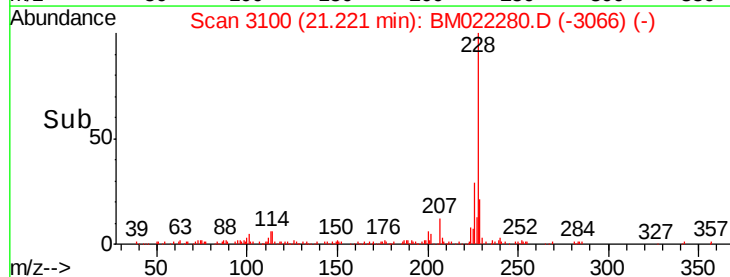
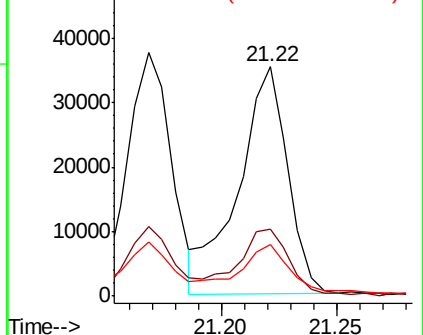


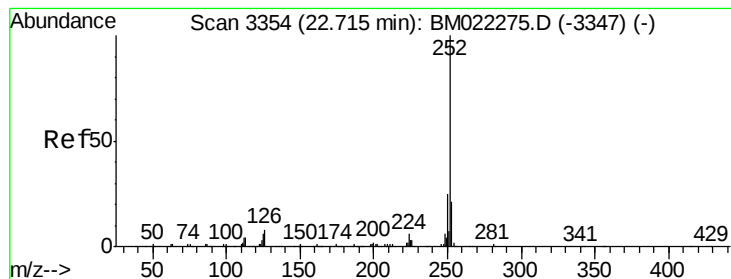
#84
Chrysene
Concen: 2.342 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM022280.D
Acq: 24 Aug 2019 06:00

Tgt Ion:228 Resp: 52155
Ion Ratio Lower Upper
228 100
226 29.1 24.7 37.1
229 22.5 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: 3.449 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Instrument :

BNA_M

ClientSampleId :

C0AF9

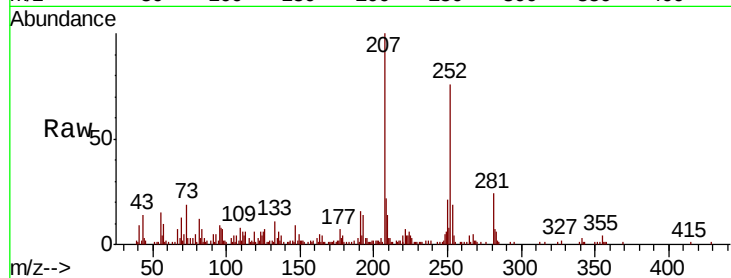
Tgt Ion:252 Resp: 65494

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.6

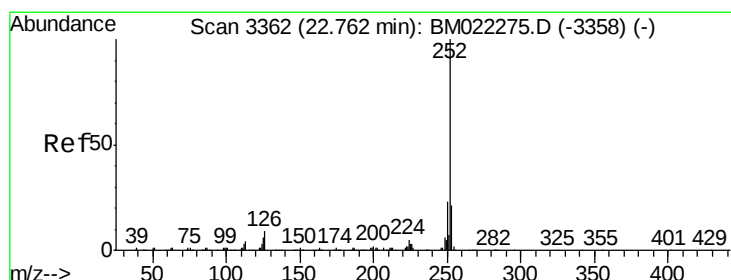
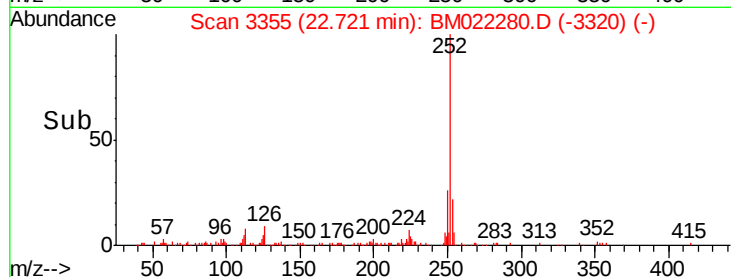
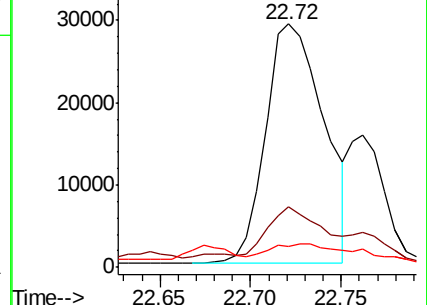
125 8.4 5.2 7.8#



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



#88

Benzo(k)fluoranthene

Concen: 1.170 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

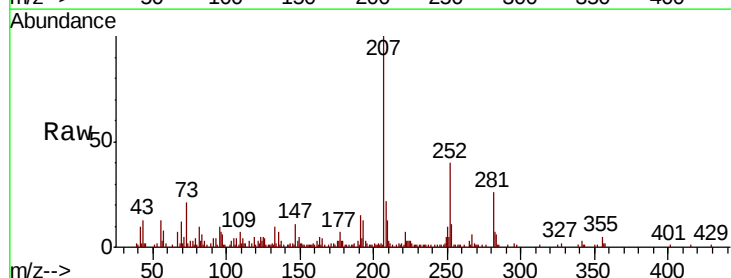
Tgt Ion:252 Resp: 21545

Ion Ratio Lower Upper

252 100

253 26.1 18.1 27.1

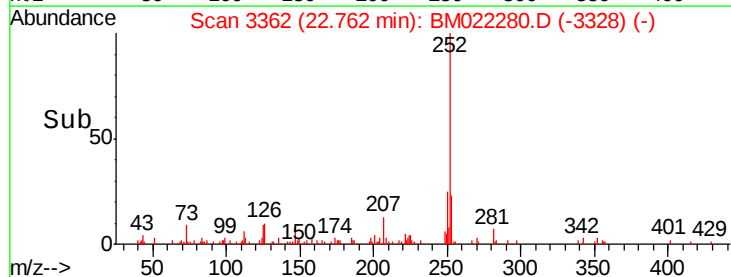
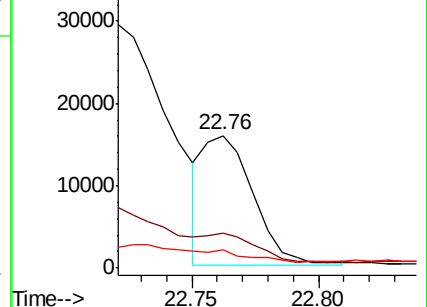
125 13.5 5.1 7.7#

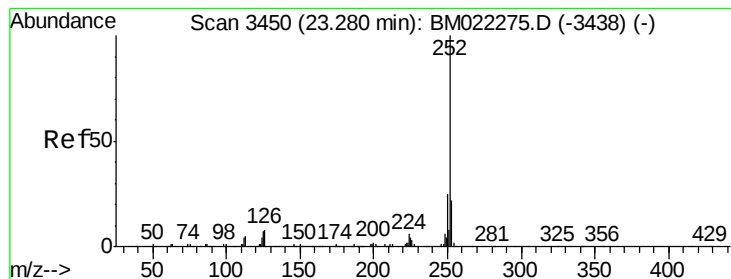


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.197 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM022280.D

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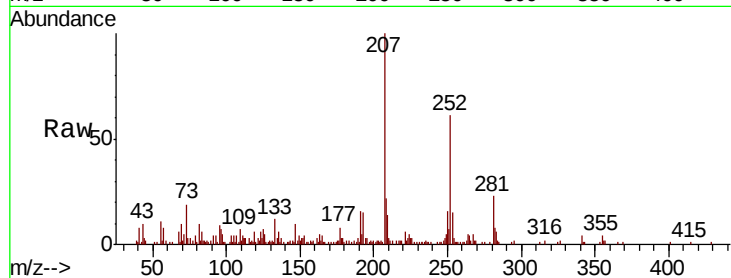
Tgt Ion:252 Resp: 39774

Ion Ratio Lower Upper

252 100

253 24.8 16.9 25.3

125 11.0 5.5 8.3#

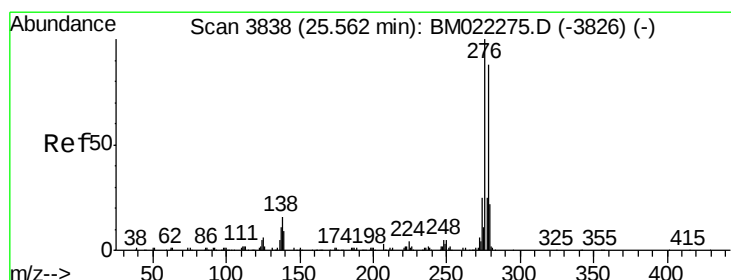
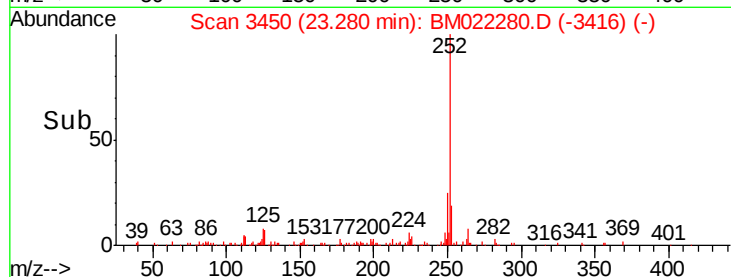
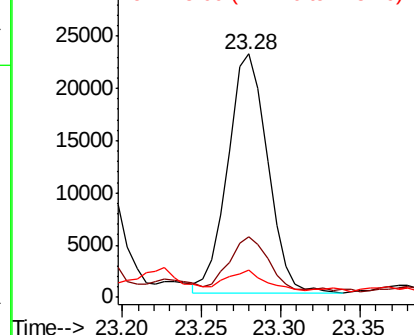


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.393 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

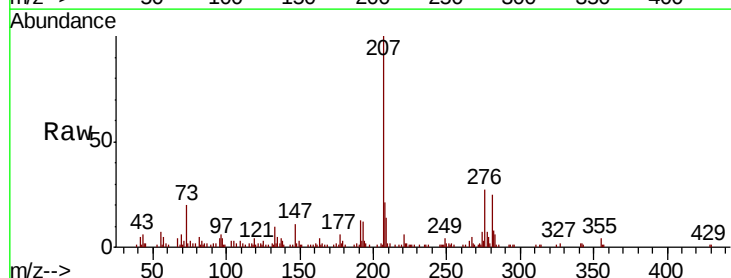
Tgt Ion:276 Resp: 29279

Ion Ratio Lower Upper

276 100

138 13.1 12.6 18.8

277 25.9 20.2 30.2



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

