

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028422.D
 Acq On : 18 Jan 2021 13:00
 Operator : CG/JU
 Sample : M1117-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFN60

Quant Time: Jan 18 13:41:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 10:13:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	130719	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	71996	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	139950	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	126571	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	129480	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	1496	1.88	ng/uL	0.01
5) Phenol-d5	7.24	99	31417	10.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19607	10.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	27482	11.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	20602	8.93	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	12279	10.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.99	143	13422	10.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	24628	11.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	23710	9.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	69746	12.20	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	88469	12.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10421	9.73	ng/ul	0.01
58) Fluorene-d10	15.72	176	58407	11.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	5833	6.06	ng/ul	0.00
71) Anthracene-d10	17.55	188	87131	12.09	ng/ul	0.00
79) Pyrene-d10	19.82	212	92526	12.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	96398	13.12	ng/ul	0.01

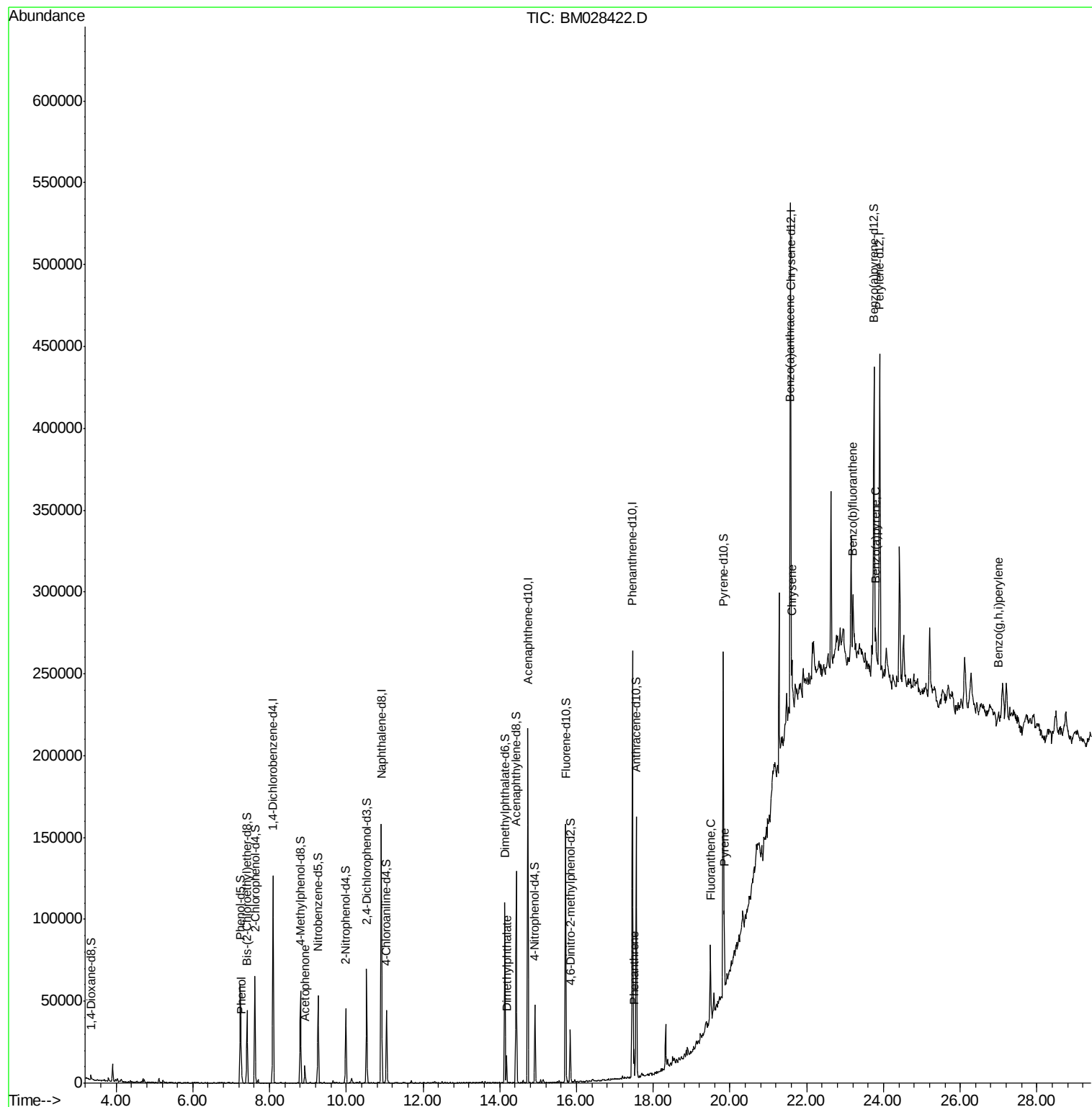
Target Compounds				Ovalue		
6) Phenol	7.27	94	4799	1.688	ng/ul	94
14) Acetophenone	8.92	105	5902	1.728	ng/ul	98
45) Dimethylphthalate	14.18	163	10609	1.831	ng/ul	99
70) Phenanthrene	17.50	178	10431	1.207	ng/ul	99
77) Fluoranthene	19.49	202	25477	2.710	ng/ul	98
80) Pyrene	19.85	202	23385	2.388	ng/ul	99
83) Benzo(a)anthracene	21.56	228	13077	1.487	ng/ul#	91
85) Chrysene	21.62	228	14568	1.708	ng/ul#	93
88) Benzo(b)fluoranthene	23.20	252	19818	2.261	ng/ul#	75
91) Benzo(a)pyrene	23.80	252	13278	1.641	ng/ul#	79
94) Benzo(g,h,i)perylene	26.99	276	8985	1.092	ng/ul#	77

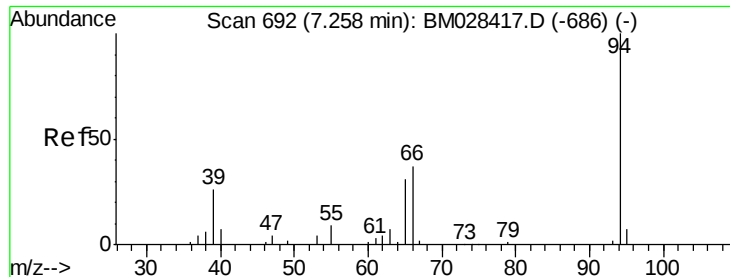
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.688 ng/ul

RT: 7.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

Instrument :

BNA_M

ClientSampleId :

BFN60

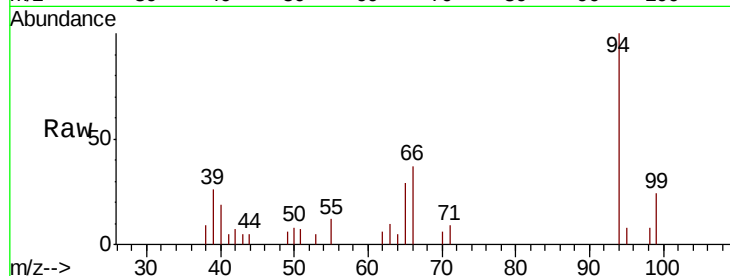
Tot Ion: 94 Resp: 4799

Ion Ratio Lower Upper

94 100

65 29.1 25.6 38.4

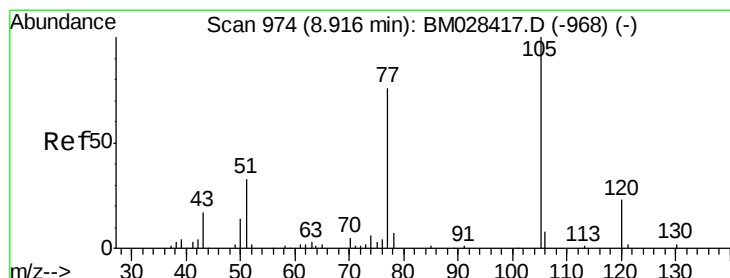
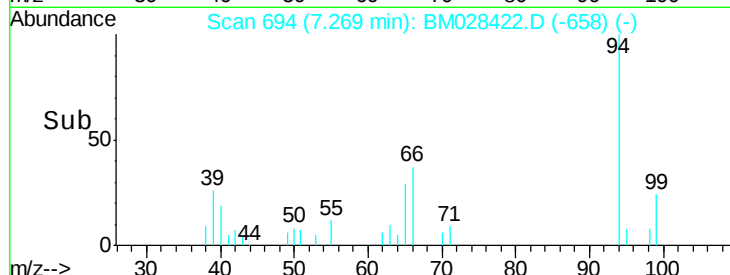
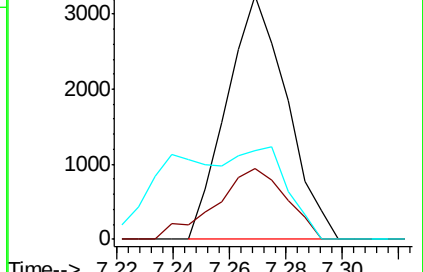
66 36.6 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM028417.D (-686) (-)

Ion 65.00 (64.70 to 65.70): BM028417.D (-686) (-)

Ion 66.00 (65.70 to 66.70): BM028417.D (-686) (-)



#14

Acetophenone

Concen: 1.728 ng/ul

RT: 8.92 min Scan# 975

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

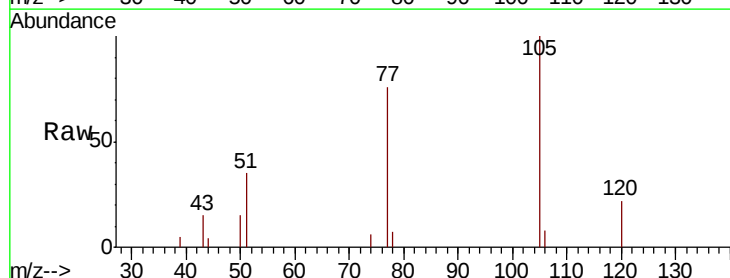
Tgt Ion: 105 Resp: 5902

Ion Ratio Lower Upper

105 100

77 76.2 63.2 94.8

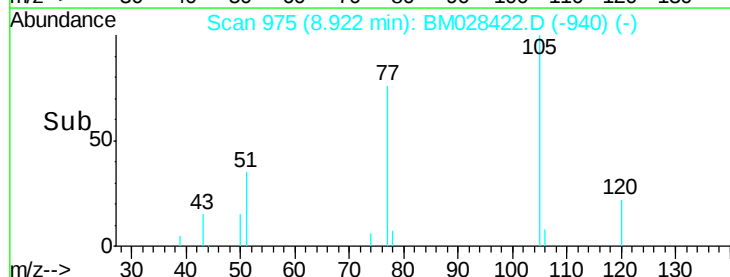
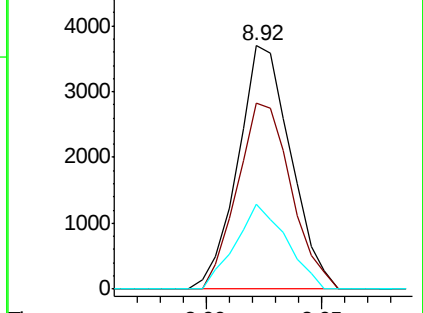
51 34.9 27.6 41.4

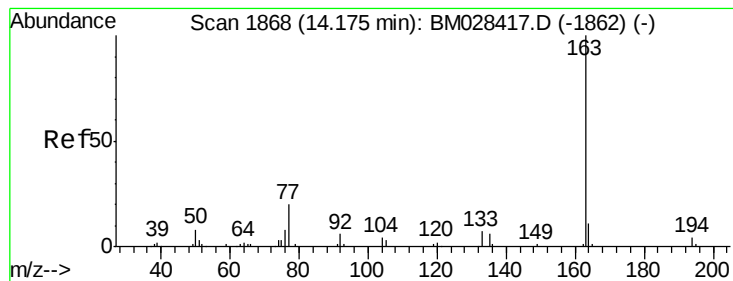


Abundance Ion 105.00 (104.70 to 105.70): BM028417.D (-968) (-)

Ion 77.00 (76.70 to 77.70): BM028417.D (-968) (-)

Ion 51.00 (50.70 to 51.70): BM028417.D (-968) (-)





#45

Dimethylphthalate

Concen: 1.831 ng/ul

RT: 14.18 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

Instrument :

BNA_M

ClientSampleId :

BFN60

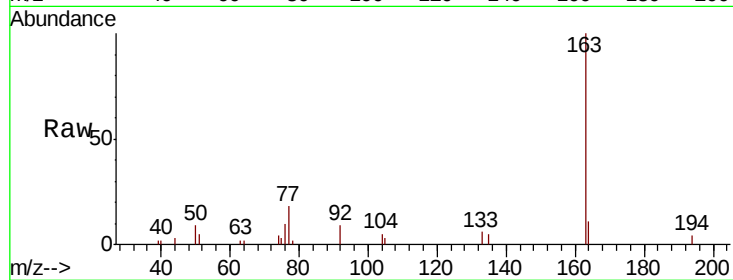
Tot Ion:163 Resp: 10609

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

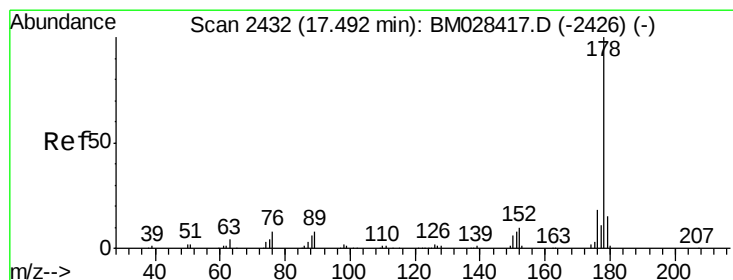
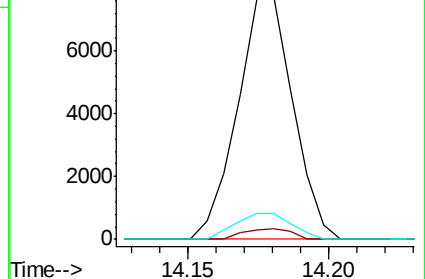
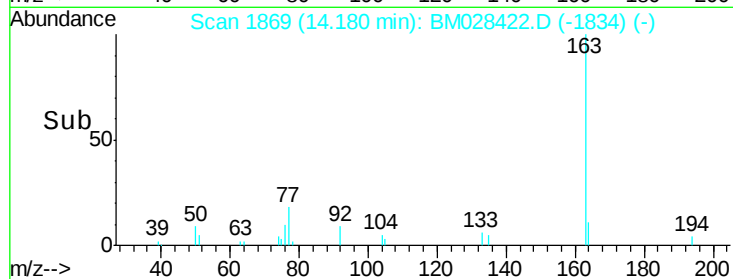
164 10.6 8.2 12.2



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



#70

Phenanthrene

Concen: 1.207 ng/ul

RT: 17.50 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

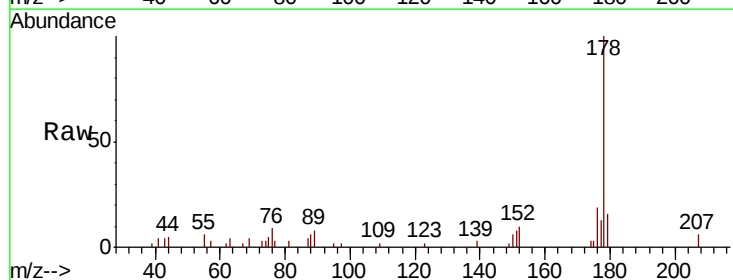
Tgt Ion:178 Resp: 10431

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

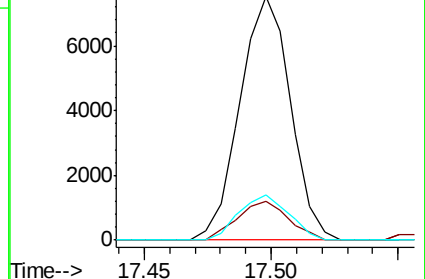
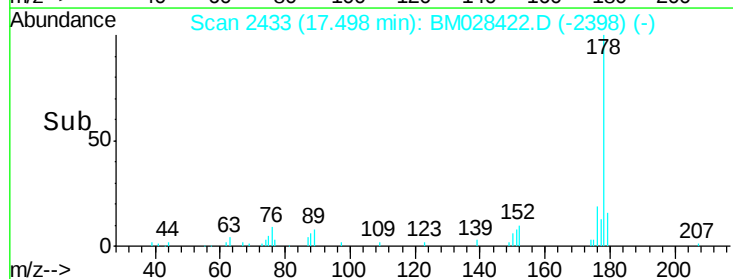
176 18.7 14.6 22.0

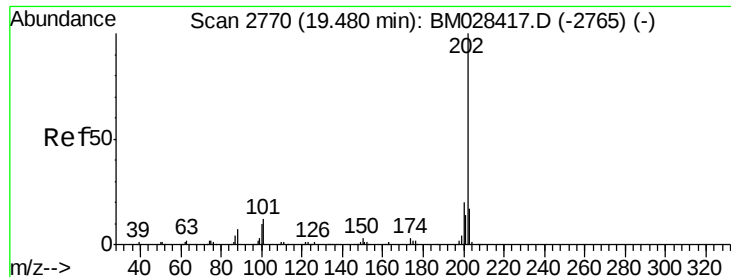


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

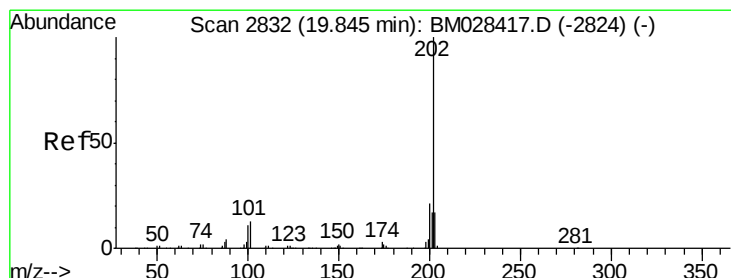
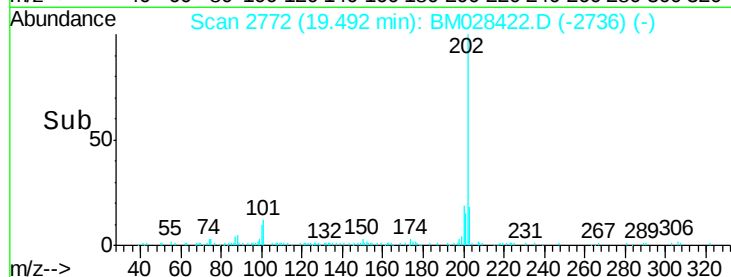
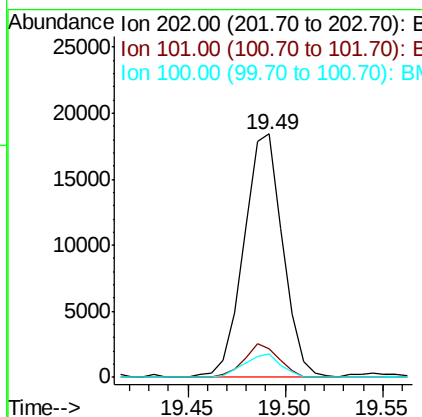
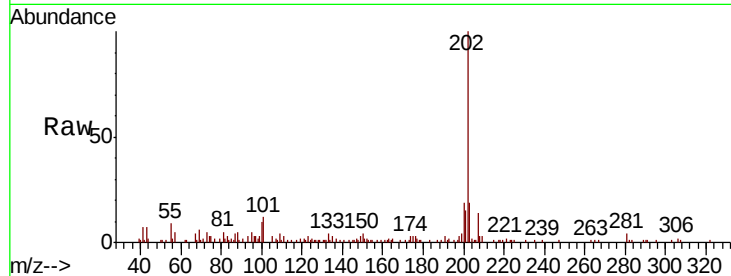




#77
 Fluoranthene
 Concen: 2.710 ng/ul
 RT: 19.49 min Scan# 2772
 Delta R.T. 0.01 min
 Lab File: BM028422.D
 Acq: 18 Jan 2021 13:00

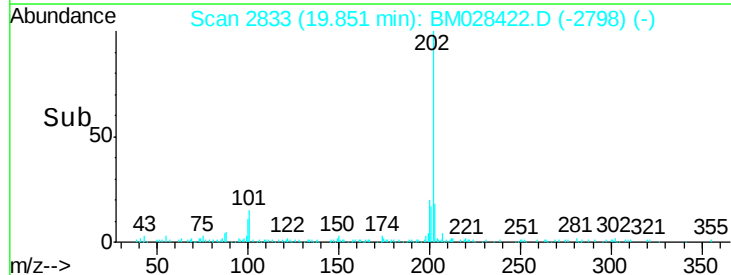
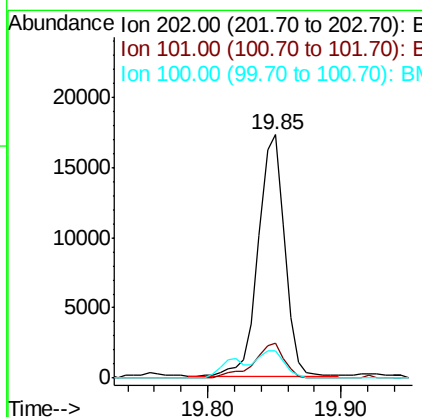
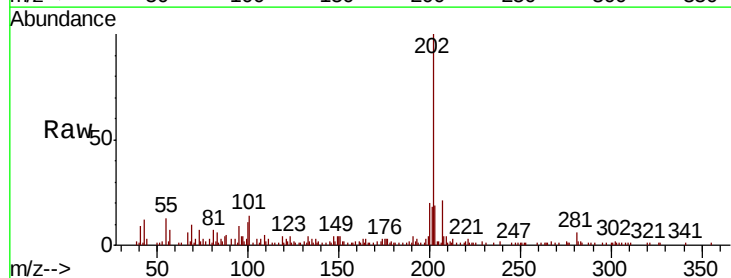
Instrument :
 BNA_M
 ClientSampleId :
 BFN60

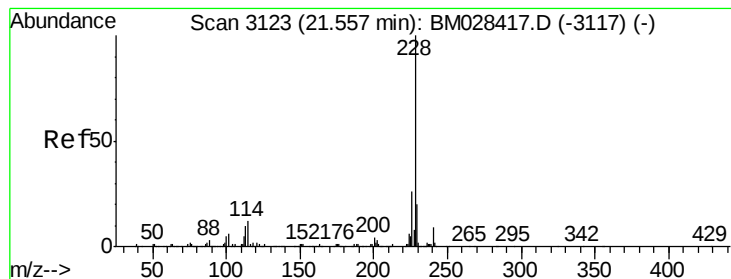
Tot Ion:202	Resp:	25477
Ion Ratio	Lower	Upper
202	100	
101	11.6	8.9 13.3
100	9.7	7.0 10.6



#80
 Pyrene
 Concen: 2.388 ng/ul
 RT: 19.85 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM028422.D
 Acq: 18 Jan 2021 13:00

Tgt Ion:202	Resp:	23385
Ion Ratio	Lower	Upper
202	100	
101	14.1	10.6 15.8
100	11.1	8.9 13.3





#83

Benzo(a)anthracene

Concen: 1.487 ng/ul

RT: 21.56 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

Instrument :

BNA_M

ClientSampleId :

BFN60

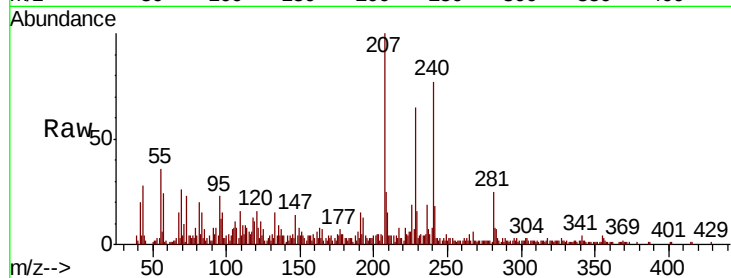
Tot Ion:228 Resp: 13077

Ion Ratio Lower Upper

228 100

229 24.4 15.4 23.2#

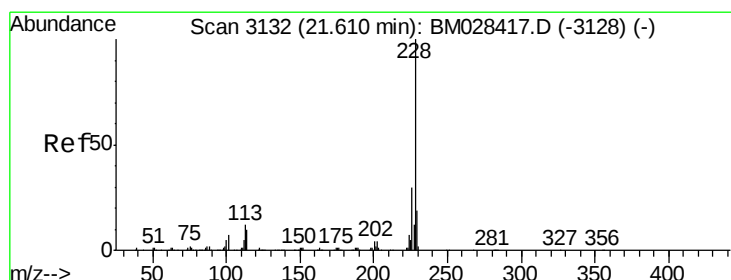
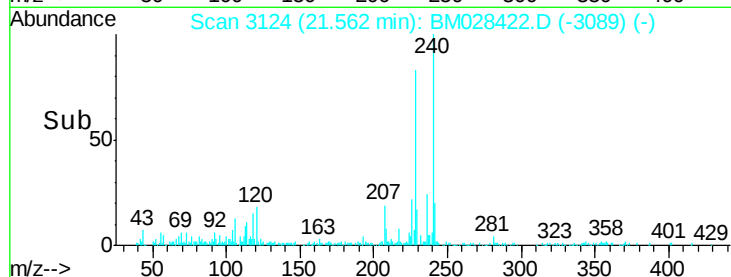
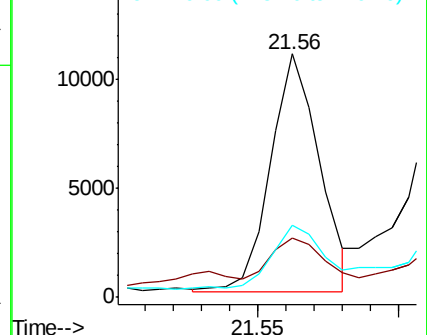
226 29.4 20.6 30.8



Abundance Ion 228.00 (227.70 to 228.70): E

15000 Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.708 ng/ul

RT: 21.62 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

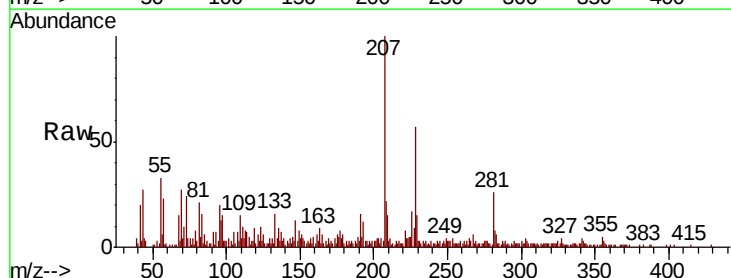
Tgt Ion:228 Resp: 14568

Ion Ratio Lower Upper

228 100

226 29.8 22.8 34.2

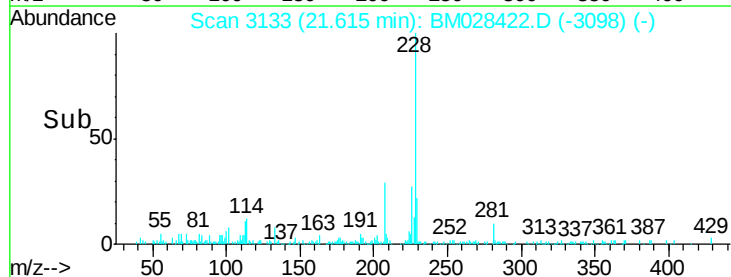
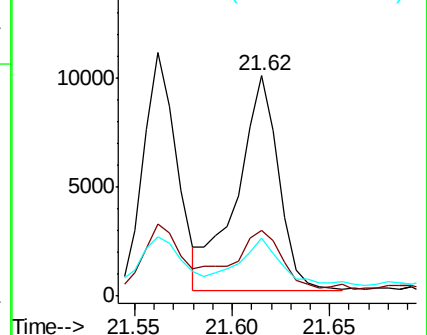
229 26.3 15.7 23.5#

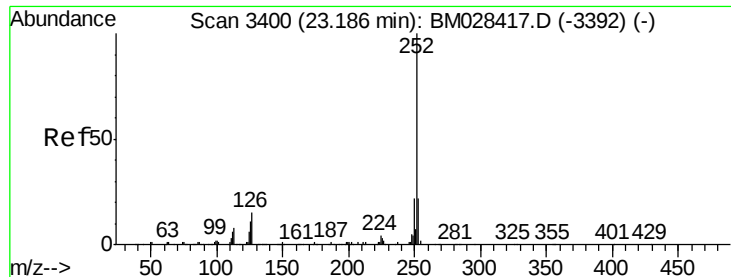


Abundance Ion 228.00 (227.70 to 228.70): E

15000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.261 ng/ul

RT: 23.20 min Scan# 3402

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

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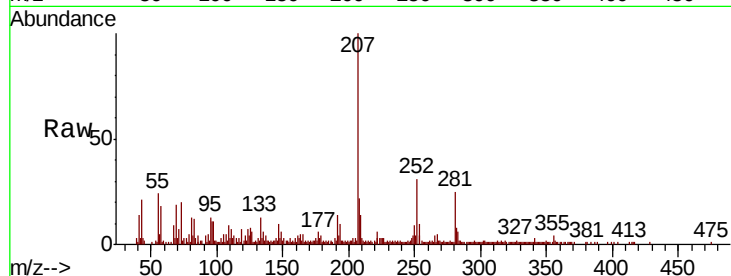
Tot Ion:252 Resp: 19818

Ion Ratio Lower Upper

252 100

253 30.7 17.9 26.9#

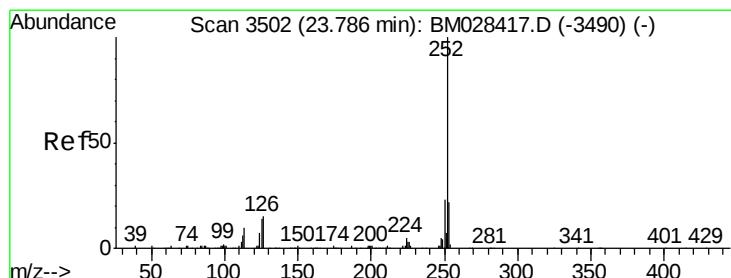
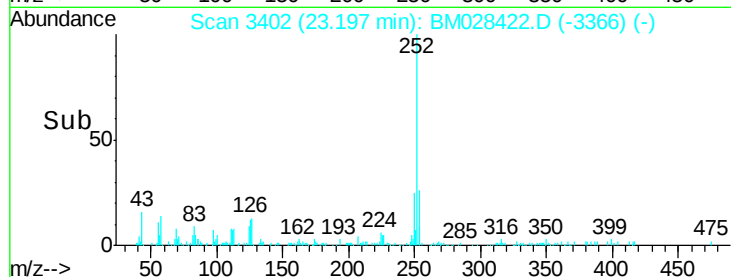
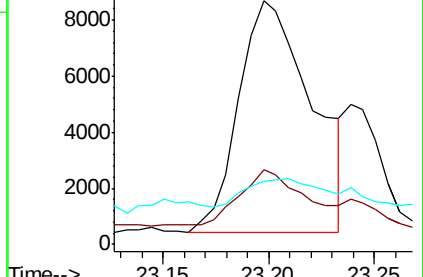
125 25.7 8.6 12.8#



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



#91

Benzo(a)pyrene

Concen: 1.641 ng/ul

RT: 23.80 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BM028422.D

Acq: 18 Jan 2021 13:00

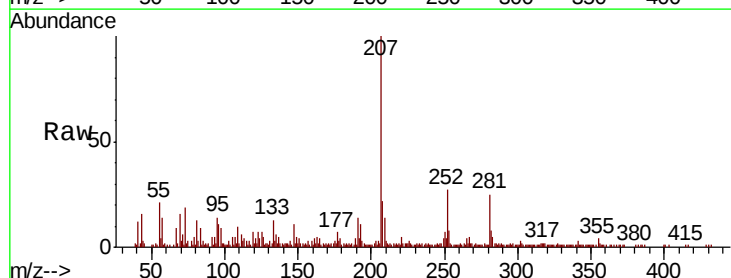
Tgt Ion:252 Resp: 13278

Ion Ratio Lower Upper

252 100

253 28.3 17.2 25.8#

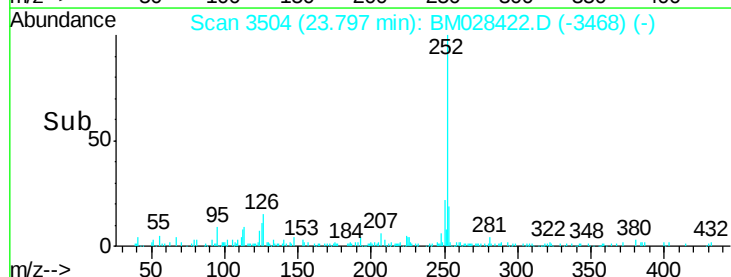
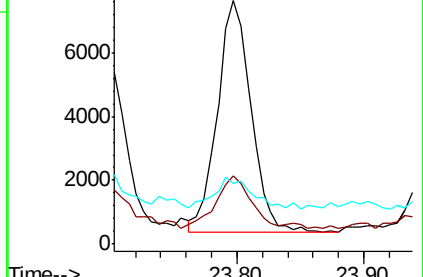
125 24.7 10.0 15.0#

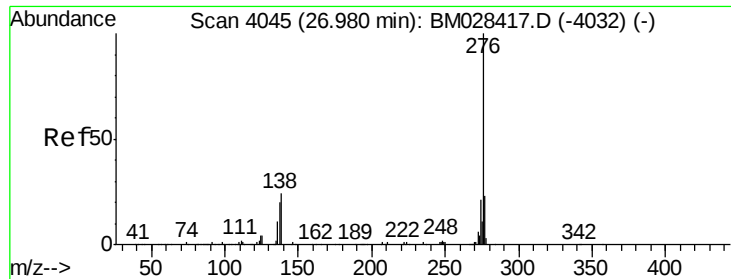


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.092 ng/ul

RT: 26.99 min Scan# 4047

Delta R.T. 0.01 min

Lab File: BM028422.D

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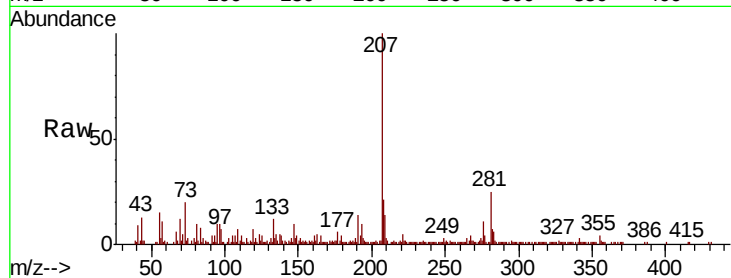
Tot Ion:276 Resp: 8985

Ion Ratio Lower Upper

276 100

138 33.7 18.5 27.7#

277 34.6 18.6 27.8#



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

