

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047032.D
 Acq On : 06 Aug 2024 21:16
 Operator : RC/JU
 Sample : P3328-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20L4

Quant Time: Aug 07 01:45:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:21:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

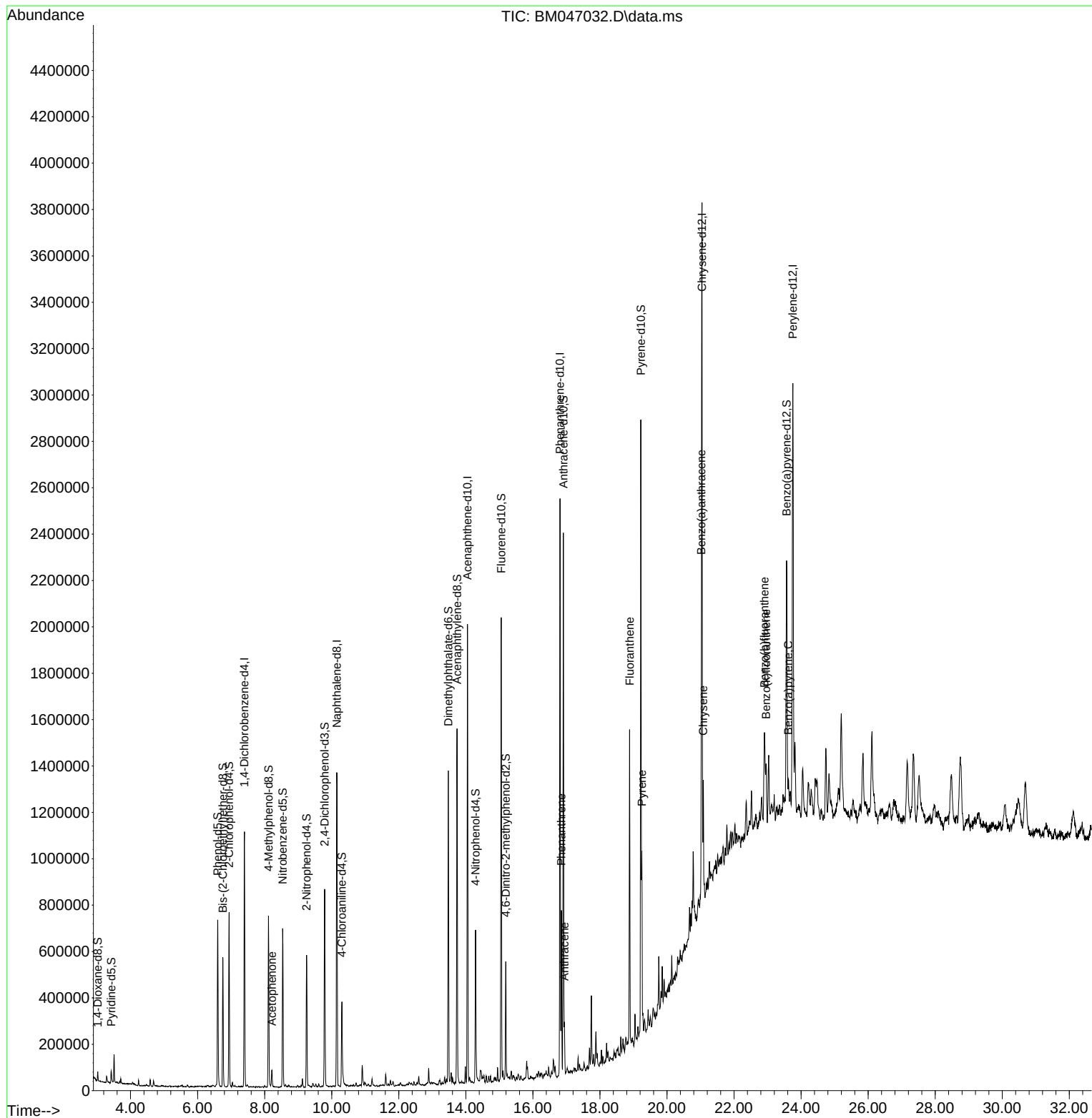
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	283546	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1064850	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	659591	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.809	188	1375846	20.000	ng/ul	0.00
79) Chrysene-d12	21.044	240	1409529	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1612292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	16044	2.242	ng/uL	0.00
4) Pyridine-d5	3.422	84	27195	1.393	ng/ul	0.02
7) Phenol-d5	6.598	99	388133	18.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	244508	17.252	ng/ul	0.00
11) 2-Chlorophenol-d4	6.939	132	308893	16.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	256417	15.027	ng/ul	0.00
21) Nitrobenzene-d5	8.539	128	147188	17.225	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	160284	17.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	301515	16.830	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	200929	8.534	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	851537	16.884	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	969339	17.219	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	134715	13.815	ng/ul	0.00
60) Fluorene-d10	15.057	176	770187	17.852	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	91224	10.495	ng/ul	0.00
73) Anthracene-d10	16.909	188	1229632	18.853	ng/ul	0.00
81) Pyrene-d10	19.221	212	1224654	15.178	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	964262	11.358	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.216	105	38000	1.415	ng/ul	96
72) Phenanthrene	16.851	178	400416	5.192	ng/ul	99
74) Anthracene	16.945	178	109048	1.402	ng/ul	96
80) Fluoranthene	18.886	202	783662	8.127	ng/ul	99
82) Pyrene	19.250	202	469329	4.568	ng/ul#	96
85) Benzo(a)anthracene	21.027	228	347773	3.378	ng/ul	98
87) Chrysene	21.080	228	313813	3.196	ng/ul	96
90) Benzo(b)fluoranthene	22.909	252	358636	3.596	ng/ul#	94
91) Benzo(k)fluoranthene	22.956	252	111841	1.135	ng/ul#	81
93) Benzo(a)pyrene	23.621	252	120521	1.297	ng/ul#	83

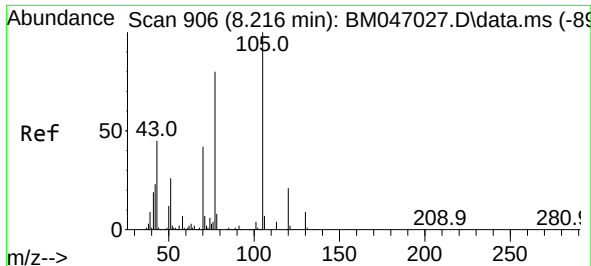
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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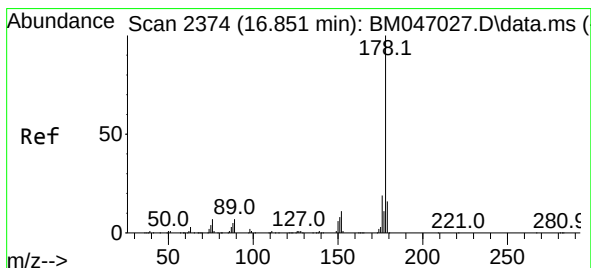
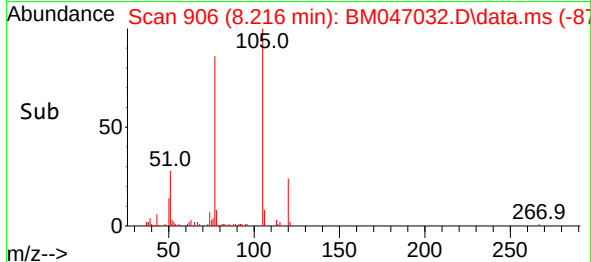
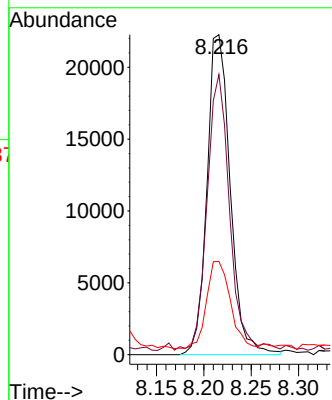
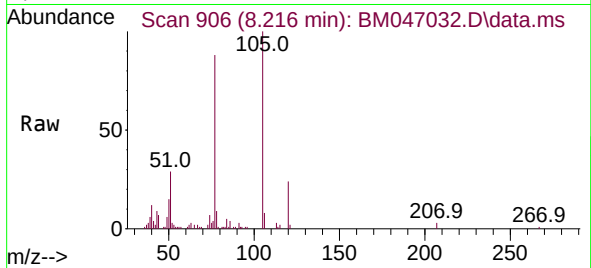




#16
Acetophenone
Concen: 1.415 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.000 min
Lab File: BM047032.D
Acq: 06 Aug 2024 21:16

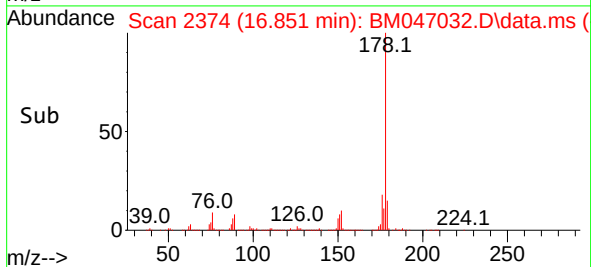
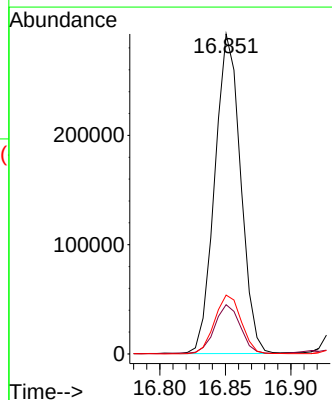
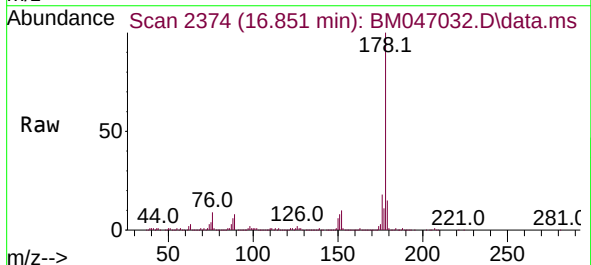
Instrument :
BNA_M
ClientSampleId :
E20L4

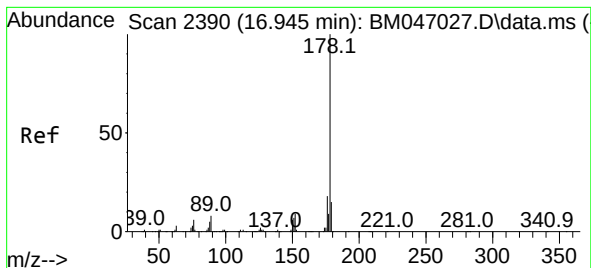
Tgt Ion:105 Resp: 38000
Ion Ratio Lower Upper
105 100
77 87.6 66.1 99.1
51 29.2 23.0 34.4



#72
Phenanthrene
Concen: 5.192 ng/ul
RT: 16.851 min Scan# 2374
Delta R.T. -0.000 min
Lab File: BM047032.D
Acq: 06 Aug 2024 21:16

Tgt Ion:178 Resp: 400416
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.4 15.3 22.9





#74

Anthracene

Concen: 1.402 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

Instrument :

BNA_M

ClientSampleId :

E20L4

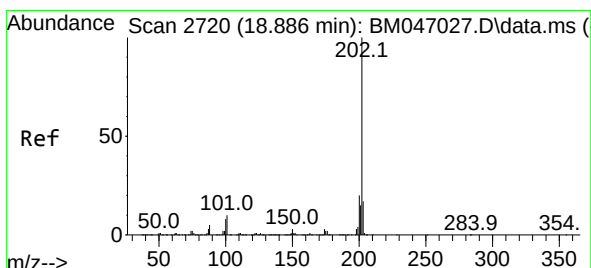
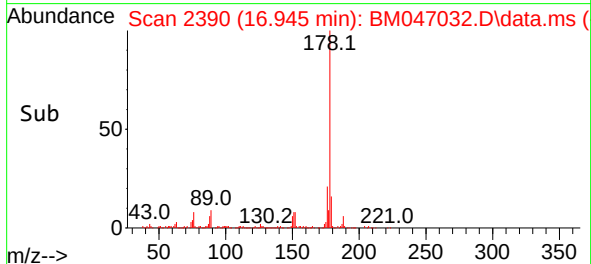
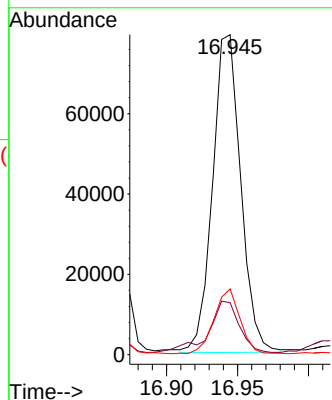
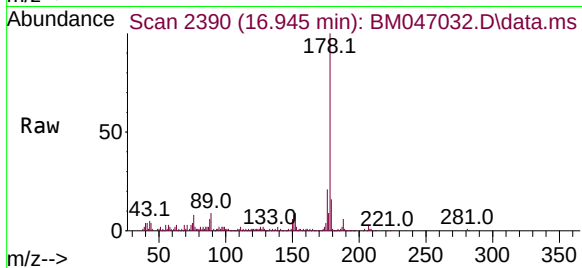
Tgt Ion:178 Resp: 109048

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

176 20.6 14.6 22.0



#80

Fluoranthene

Concen: 8.127 ng/ul

RT: 18.886 min Scan# 2720

Delta R.T. -0.000 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

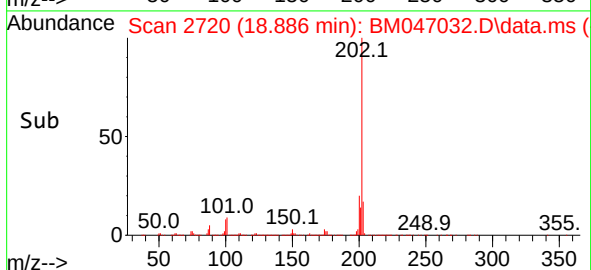
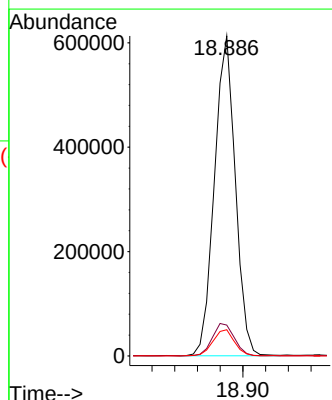
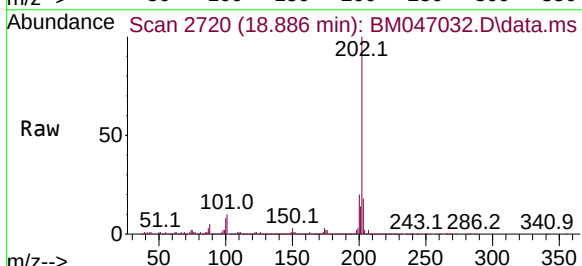
Tgt Ion:202 Resp: 783662

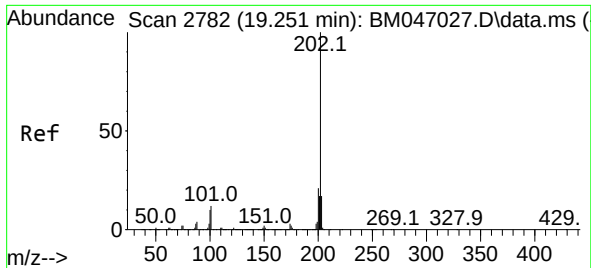
Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

100 8.2 5.9 8.9

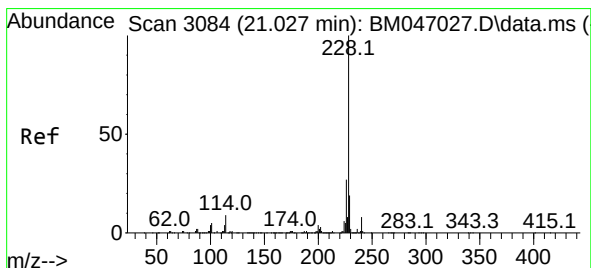
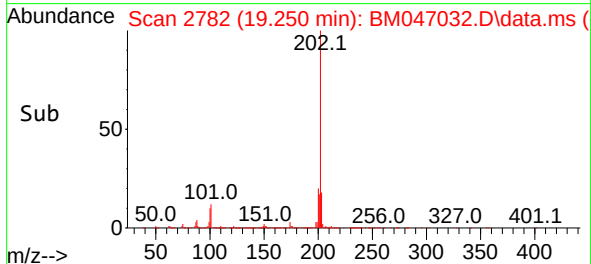
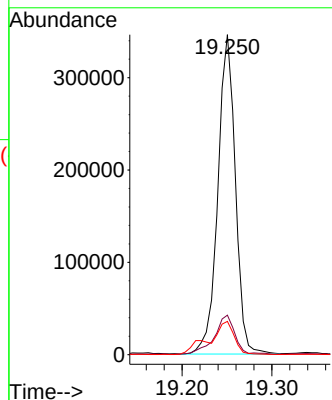
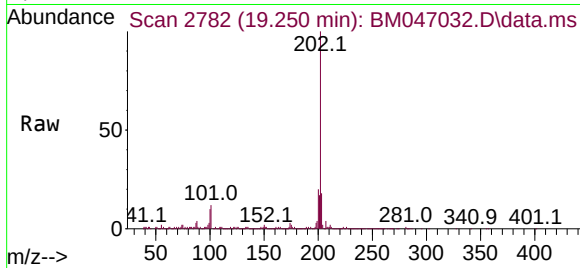




#82
 Pyrene
 Concen: 4.568 ng/ul
 RT: 19.250 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047032.D
 Acq: 06 Aug 2024 21:16

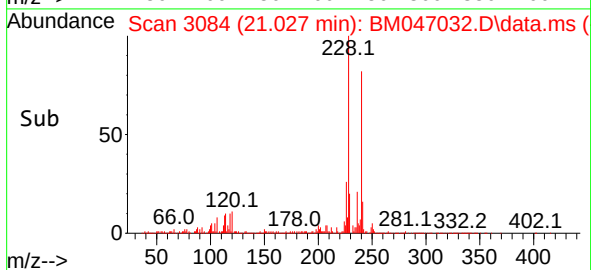
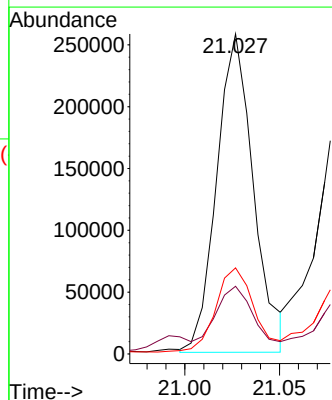
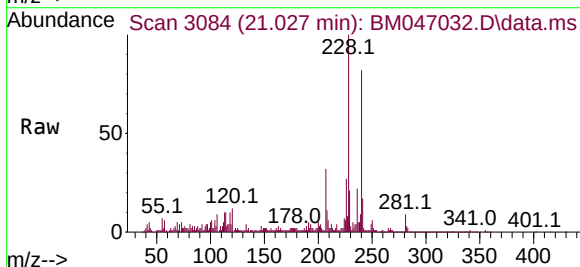
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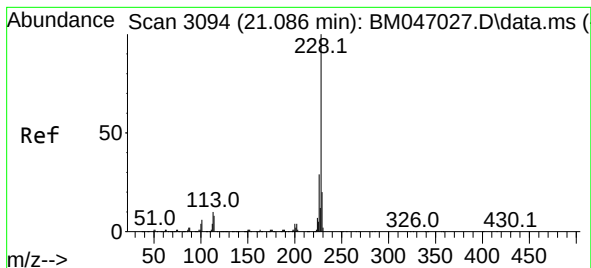
Tgt Ion:202 Resp: 469329
 Ion Ratio Lower Upper
 202 100
 101 12.3 8.7 13.1
 100 10.4 6.8 10.2#



#85
 Benzo(a)anthracene
 Concen: 3.378 ng/ul
 RT: 21.027 min Scan# 3084
 Delta R.T. -0.000 min
 Lab File: BM047032.D
 Acq: 06 Aug 2024 21:16

Tgt Ion:228 Resp: 347773
 Ion Ratio Lower Upper
 228 100
 229 21.1 15.5 23.3
 226 26.9 21.2 31.8





#87

Chrysene

Concen: 3.196 ng/ul

RT: 21.080 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

Instrument :

BNA_M

ClientSampleId :

E20L4

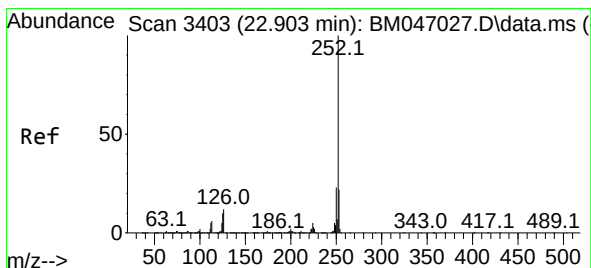
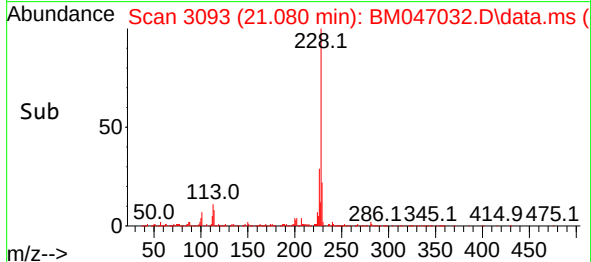
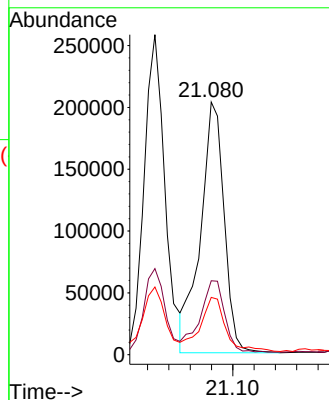
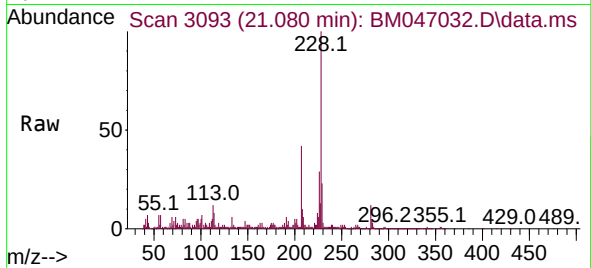
Tgt Ion:228 Resp: 313813

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

229 22.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 3.596 ng/ul

RT: 22.909 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

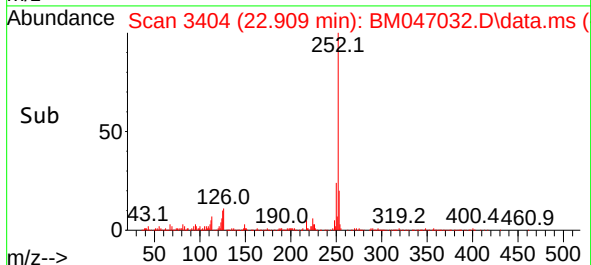
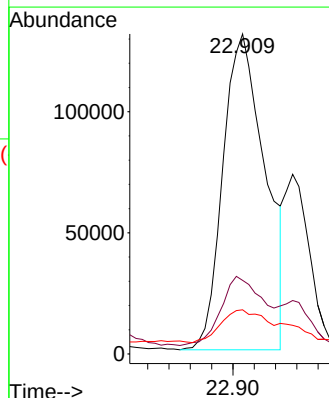
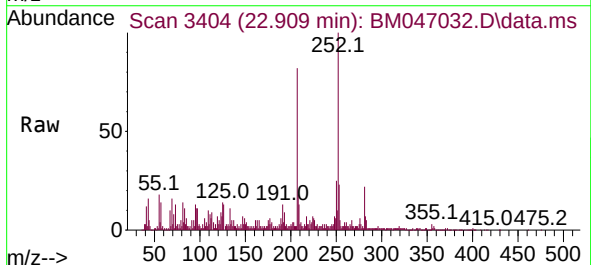
Tgt Ion:252 Resp: 358636

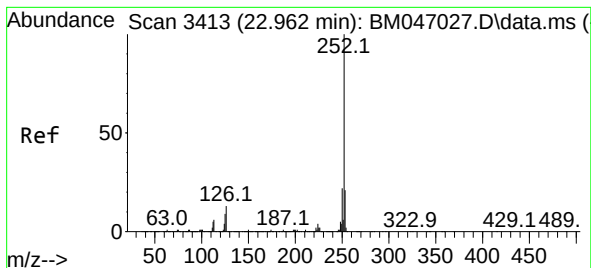
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 13.8 7.0 10.6#





#91

Benzo(k)fluoranthene

Concen: 1.135 ng/ul

RT: 22.956 min Scan# 3413

Delta R.T. -0.006 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

Instrument :

BNA_M

ClientSampleId :

E20L4

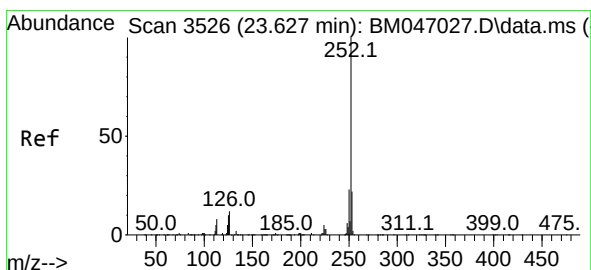
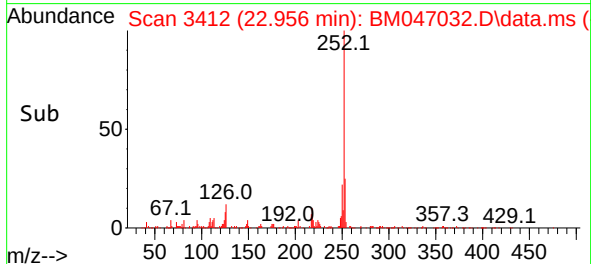
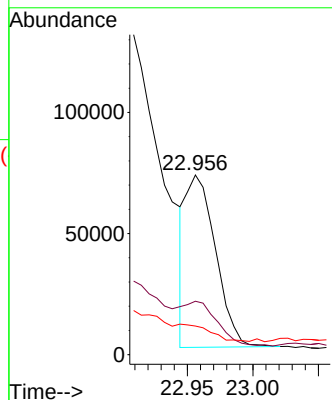
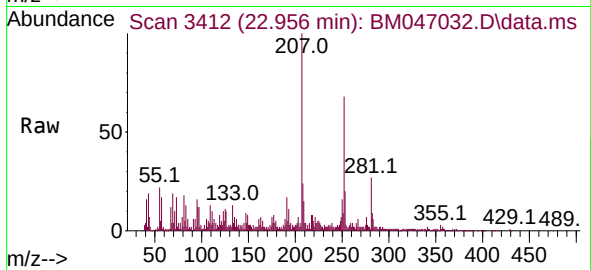
Tgt Ion:252 Resp: 111841

Ion Ratio Lower Upper

252 100

253 29.8 17.0 25.6#

125 16.0 6.9 10.3#



#93

Benzo(a)pyrene

Concen: 1.297 ng/ul

RT: 23.621 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BM047032.D

Acq: 06 Aug 2024 21:16

Tgt Ion:252 Resp: 120521

Ion Ratio Lower Upper

252 100

253 29.2 18.2 27.2#

125 18.9 8.1 12.1#

