

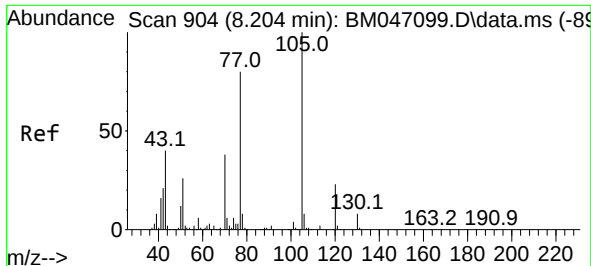
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047101.D
 Acq On : 09 Aug 2024 01:30
 Operator : RC/JU
 Sample : P3434-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E05Z2

Quant Time: Aug 09 02:09:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	215548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.139	136	857674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	523949	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1057563	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.033	240	1072994	20.000	ng/u1	# 0.00
88) Perylene-d12	23.738	264	1422147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	7754	1.425	ng/uL	0.00
4) Pyridine-d5	3.422	84	22118	1.490	ng/u1	0.02
7) Phenol-d5	6.593	99	147724	9.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.745	67	100853	9.361	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	115112	8.299	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	111347	8.584	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	56099	8.151	ng/u1	0.00
24) 2-Nitrophenol-d4	9.239	143	54849	7.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	104867	7.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	102446	5.402	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	331441	8.273	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	383504	8.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	32107	4.145	ng/u1	0.00
60) Fluorene-d10	15.045	176	298151	8.700	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	9421	1.410	ng/u1	0.00
73) Anthracene-d10	16.898	188	446974	8.915	ng/u1	0.00
81) Pyrene-d10	19.209	212	424286	6.908	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	412378	5.507	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.204	105	85495	4.188	ng/u1	97
82) Pyrene	19.239	202	166652	2.131	ng/u1#	90
85) Benzo(a)anthracene	21.015	228	201744	2.574	ng/u1#	90
87) Chrysene	21.074	228	294488	3.940	ng/u1#	95
90) Benzo(b)fluoranthene	22.886	252	218357	2.482	ng/u1#	94
93) Benzo(a)pyrene	23.609	252	236855	2.890	ng/u1	97
95) Dibenzo(a,h)anthracene	26.750	278	124158	1.472	ng/u1#	84

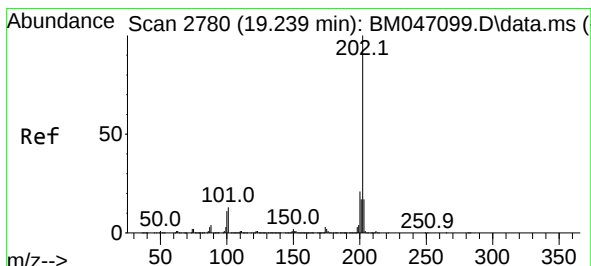
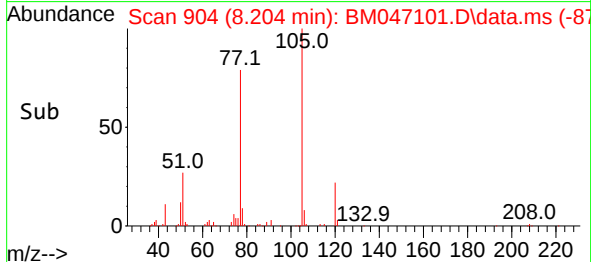
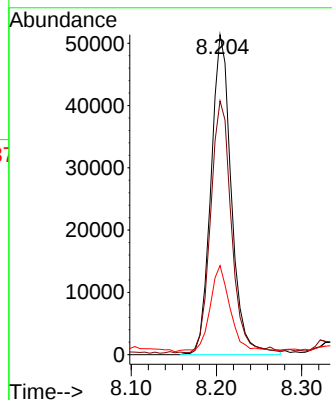
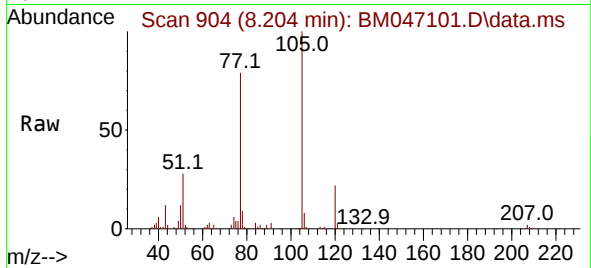
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 4.188 ng/ul
RT: 8.204 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM047101.D
Acq: 09 Aug 2024 01:30

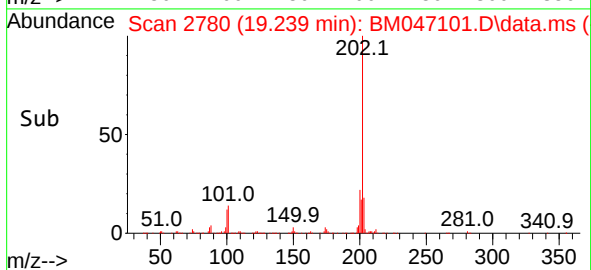
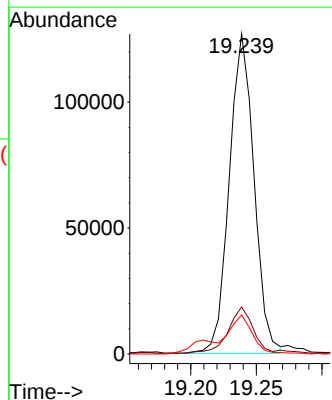
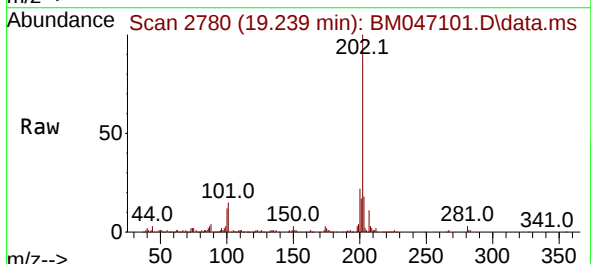
Instrument :
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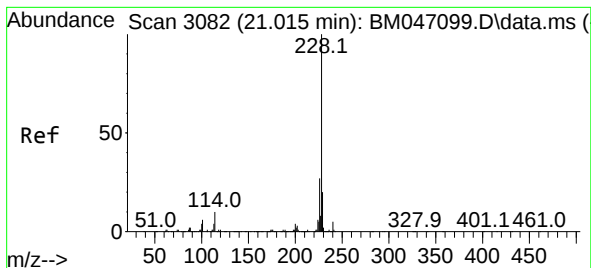
Tgt Ion:105 Resp: 85495
Ion Ratio Lower Upper
105 100
77 79.3 66.1 99.1
51 27.9 23.0 34.4



#82
Pyrene
Concen: 2.131 ng/ul
RT: 19.239 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047101.D
Acq: 09 Aug 2024 01:30

Tgt Ion:202 Resp: 166652
Ion Ratio Lower Upper
202 100
101 14.7 8.7 13.1#
100 12.2 6.8 10.2#





#85

Benzo(a)anthracene

Concen: 2.574 ng/ul

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047101.D

Acq: 09 Aug 2024 01:30

Instrument :

BNA_M

ClientSampleId :

E05Z2

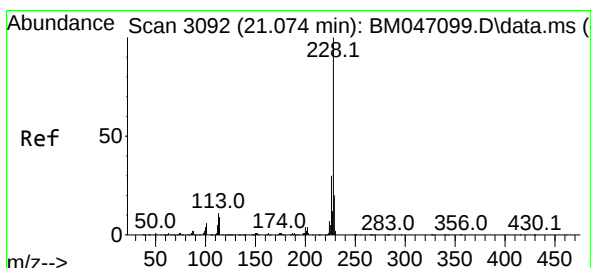
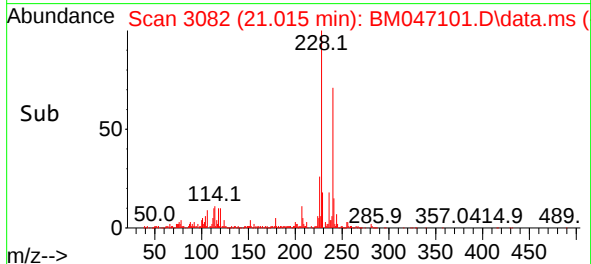
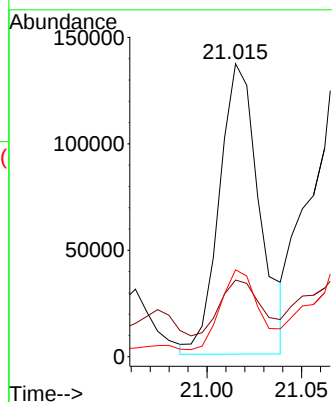
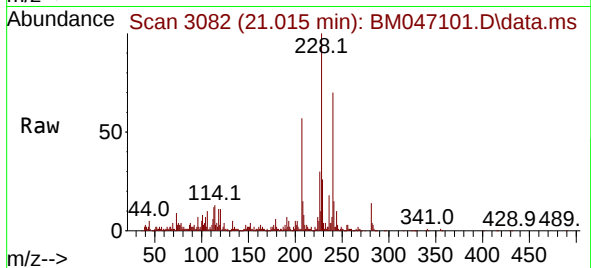
Tgt Ion:228 Resp: 201744

Ion Ratio Lower Upper

228 100

229 26.1 15.5 23.3#

226 29.6 21.2 31.8



#87

Chrysene

Concen: 3.940 ng/ul

RT: 21.074 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BM047101.D

Acq: 09 Aug 2024 01:30

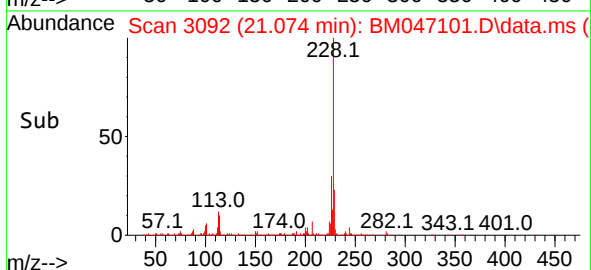
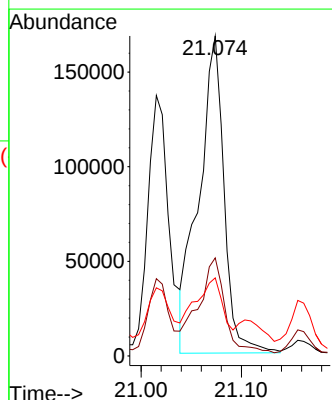
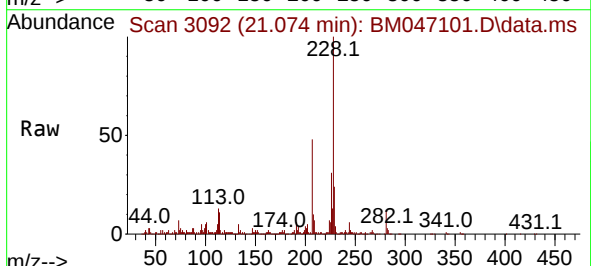
Tgt Ion:228 Resp: 294488

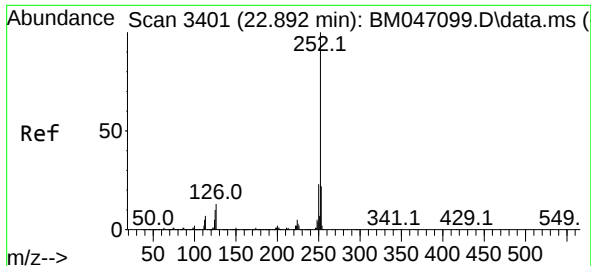
Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 24.4 15.5 23.3#

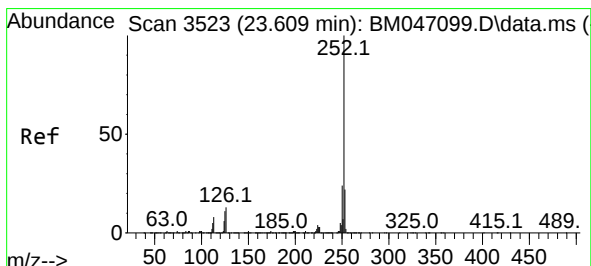
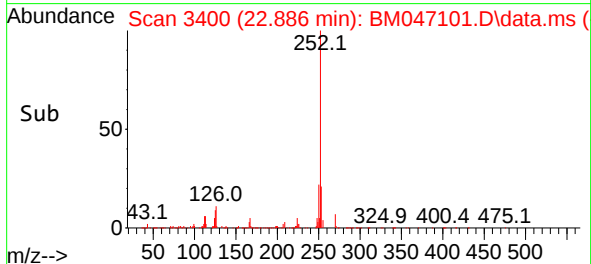
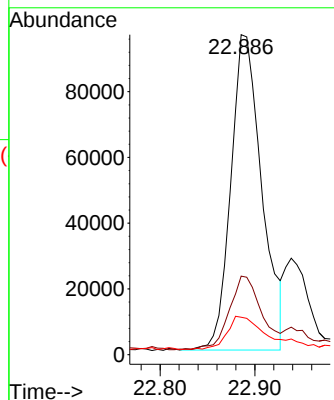
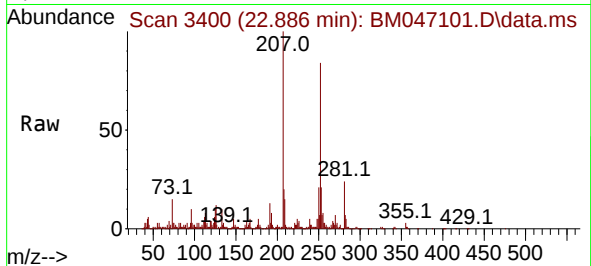




#90
Benzo(b)fluoranthene
Concen: 2.482 ng/u1
RT: 22.886 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM047101.D
Acq: 09 Aug 2024 01:30

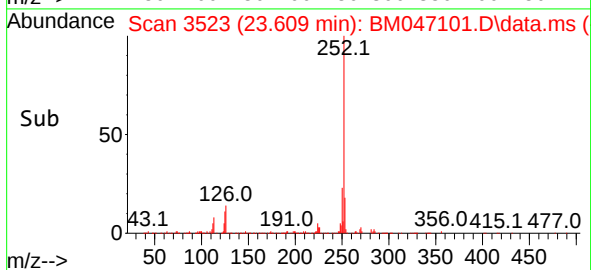
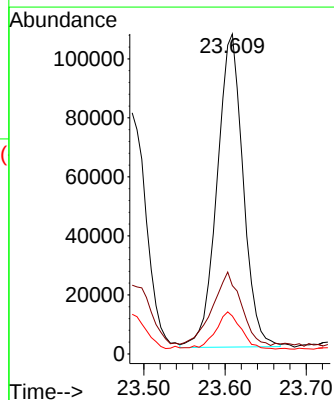
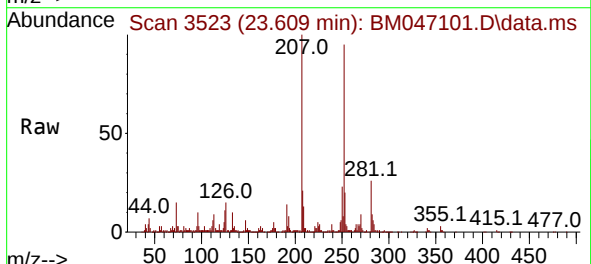
Instrument :
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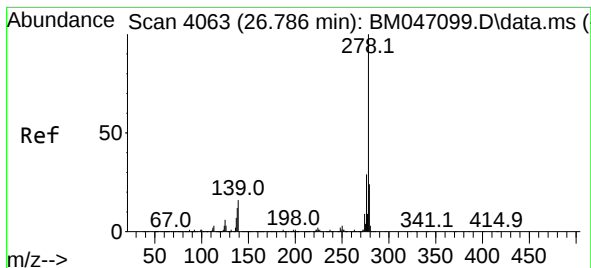
Tgt Ion:252 Resp: 218357
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 11.7 7.0 10.6#



#93
Benzo(a)pyrene
Concen: 2.890 ng/u1
RT: 23.609 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BM047101.D
Acq: 09 Aug 2024 01:30

Tgt Ion:252 Resp: 236855
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 11.8 8.1 12.1





#95

Dibenzo(a,h)anthracene

Concen: 1.472 ng/ul

RT: 26.750 min Scan# 40

Delta R.T. -0.036 min

Lab File: BM047101.D

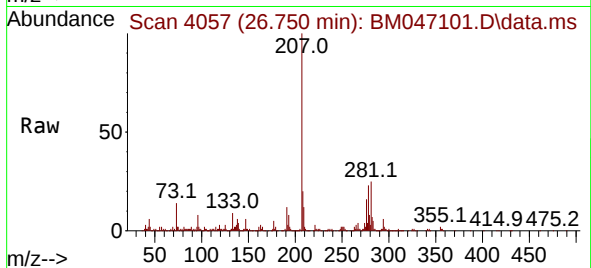
Acq: 09 Aug 2024 01:30

Instrument :

BNA_M

ClientSampleId :

E05Z2



Tgt Ion:278 Resp: 124158

Ion Ratio Lower Upper

278 100

139 18.3 11.4 17.0#

279 34.1 19.4 29.0#

