

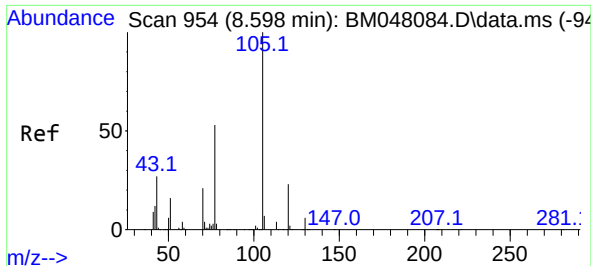
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048094.D
 Acq On : 16 Oct 2024 19:10
 Operator : RC/JU
 Sample : P4329-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FB8

Quant Time: Oct 16 23:19:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	279626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1109445	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	673087	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1300439	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1166574	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1296778	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14344	1.658	ng/uL	0.00
4) Pyridine-d5	3.663	84	28432	1.122	ng/u1	0.00
7) Phenol-d5	6.957	99	252929	9.566	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	161229	8.593	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	231842	12.051	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	125831	6.401	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	108716	12.307	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	116630	13.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	194231	11.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	101513	3.883	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	612641	12.554	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	708102	12.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	61069	6.285	ng/u1	0.02
60) Fluorene-d10	15.410	176	543753	12.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	23306	3.063	ng/u1	0.00
73) Anthracene-d10	17.257	188	813783	12.726	ng/u1	0.00
81) Pyrene-d10	19.545	212	676985	10.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	410228	6.097	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.598	105	44456	1.322	ng/u1	93
72) Phenanthrene	17.198	178	280568	3.679	ng/u1	99
80) Fluoranthene	19.215	202	353720	4.536	ng/u1	98
82) Pyrene	19.574	202	204243	2.353	ng/u1	97
85) Benzo(a)anthracene	21.368	228	185133	2.267	ng/u1	98
87) Chrysene	21.427	228	171273	2.151	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	187125	2.314	ng/u1	94

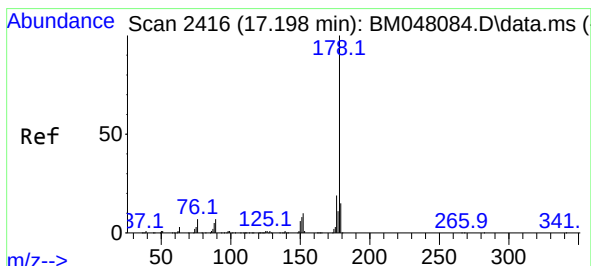
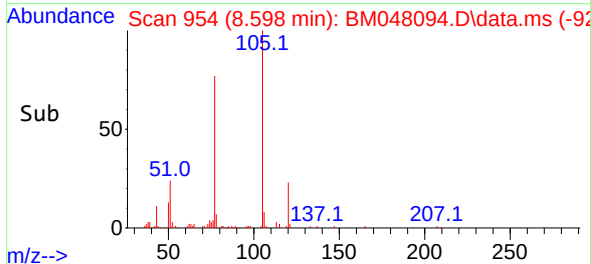
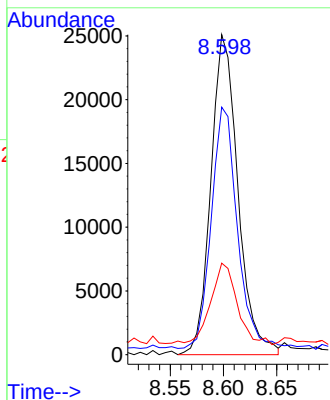
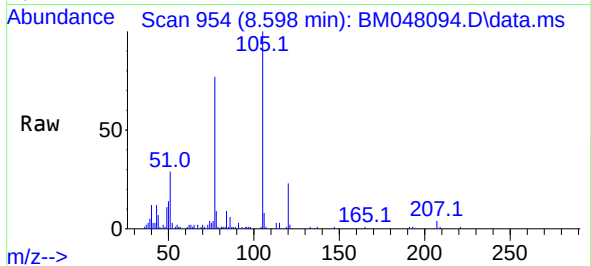
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 1.322 ng/ul
RT: 8.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

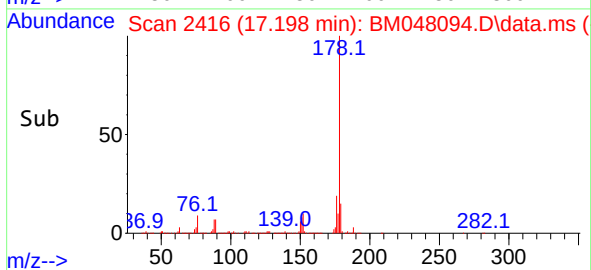
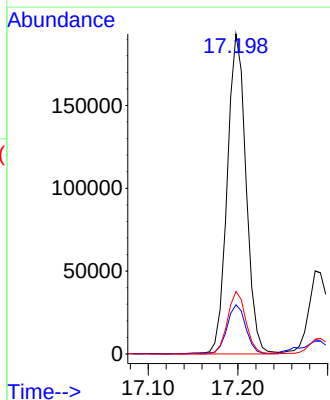
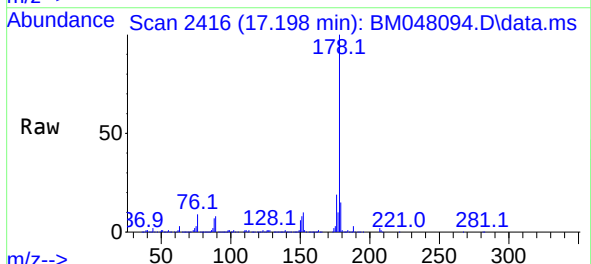
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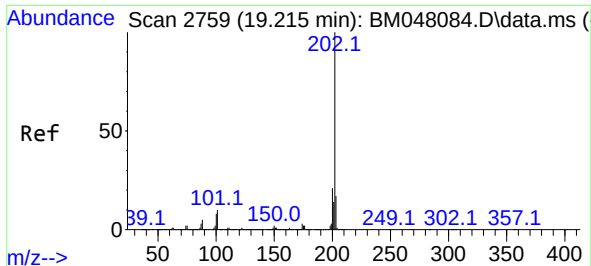
Tgt Ion:105 Resp: 44456
Ion Ratio Lower Upper
105 100
77 77.4 66.6 100.0
51 28.6 27.0 40.4



#72
Phenanthrene
Concen: 3.679 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

Tgt Ion:178 Resp: 280568
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.5 15.4 23.0

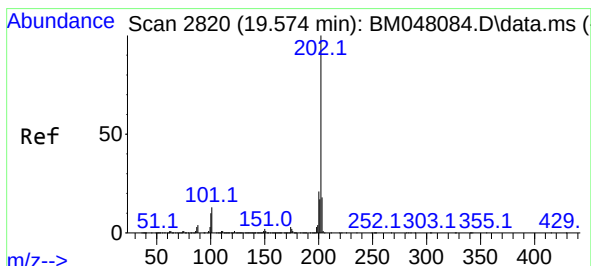
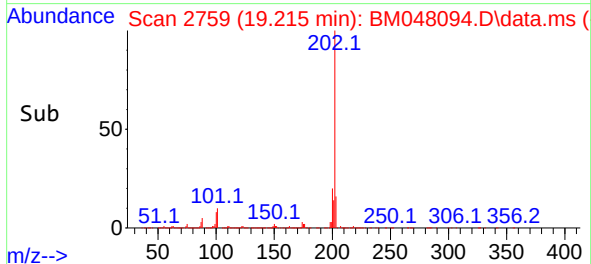
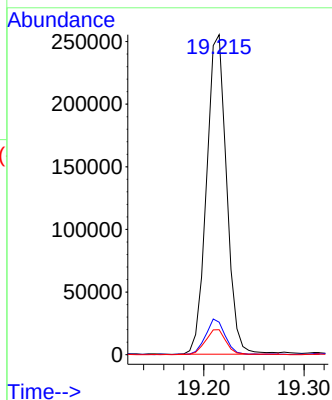
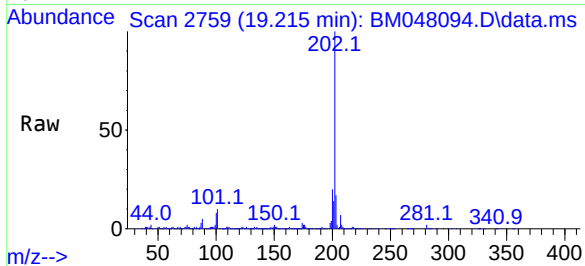




#80
Fluoranthene
Concen: 4.536 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

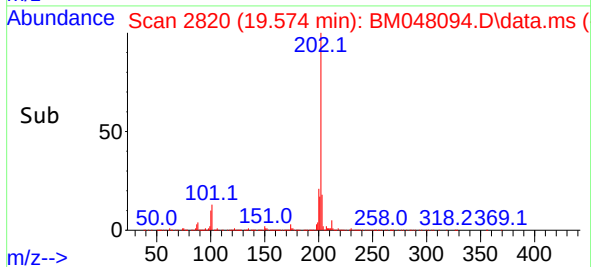
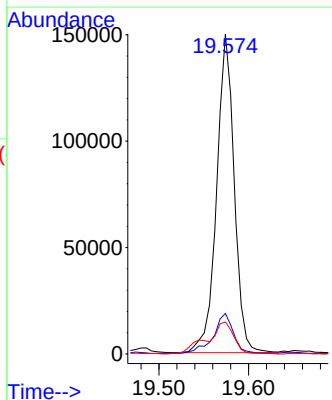
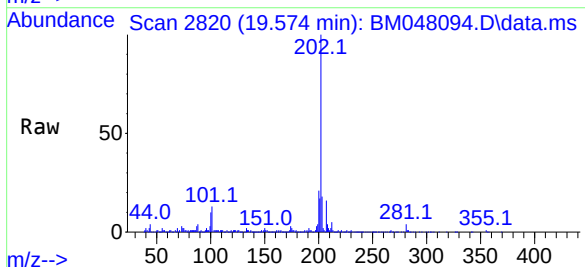
Instrument :
BNA_M
ClientSampleId :
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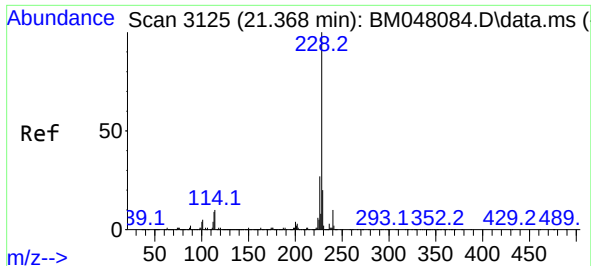
Tgt Ion:202 Resp: 353720
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.8 6.8 10.2



#82
Pyrene
Concen: 2.353 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

Tgt Ion:202 Resp: 204243
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.0 9.4 14.2



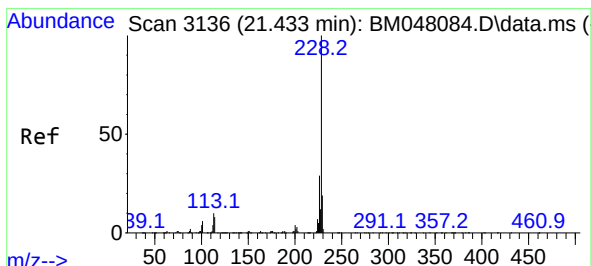
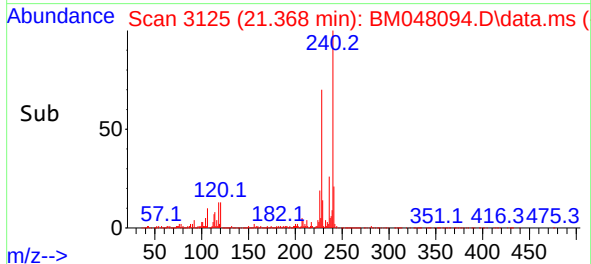
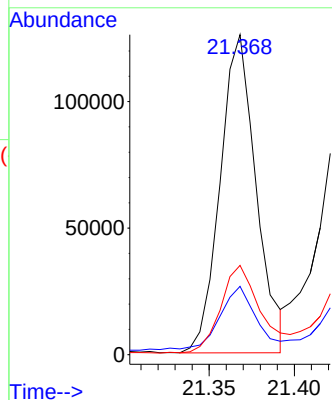
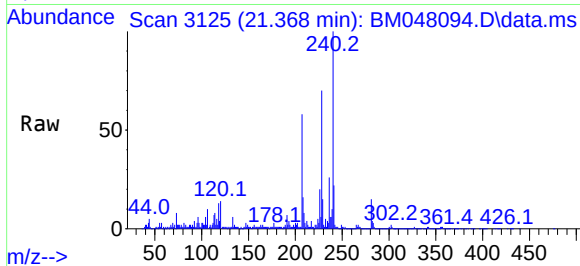


#85
Benzo(a)anthracene
Concen: 2.267 ng/u1
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

Instrument :
BNA_M
ClientSampleId :
A4FB8

Tgt Ion:228 Resp: 185133

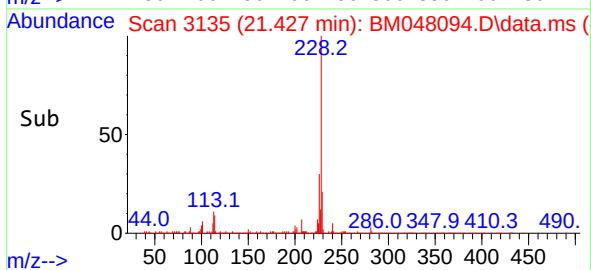
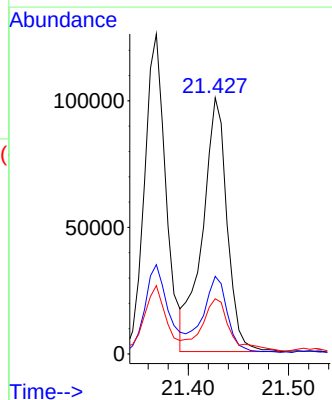
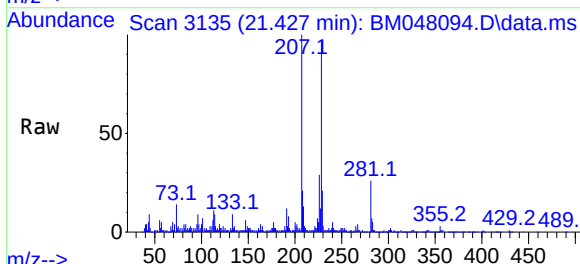
Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	27.9	21.9	32.9

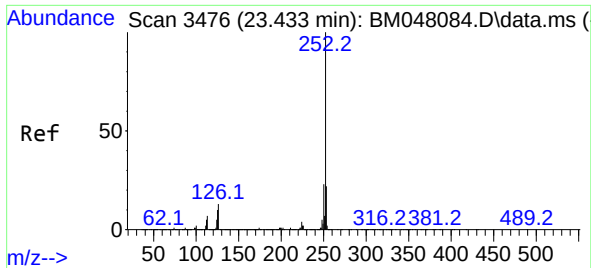


#87
Chrysene
Concen: 2.151 ng/u1
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

Tgt Ion:228 Resp: 171273

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	21.6	15.3	22.9





#90
Benzo(b)fluoranthene
Concen: 2.314 ng/ul
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048094.D
Acq: 16 Oct 2024 19:10

Instrument :
BNA_M
ClientSampleId :
A4FB8

Tgt Ion:252 Resp: 187125
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 12.9 9.0 13.4

