

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049121.D
 Acq On : 21 Dec 2024 04:14
 Operator : RC/JU
 Sample : P5265-14DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z9DL

Quant Time: Dec 21 04:42:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

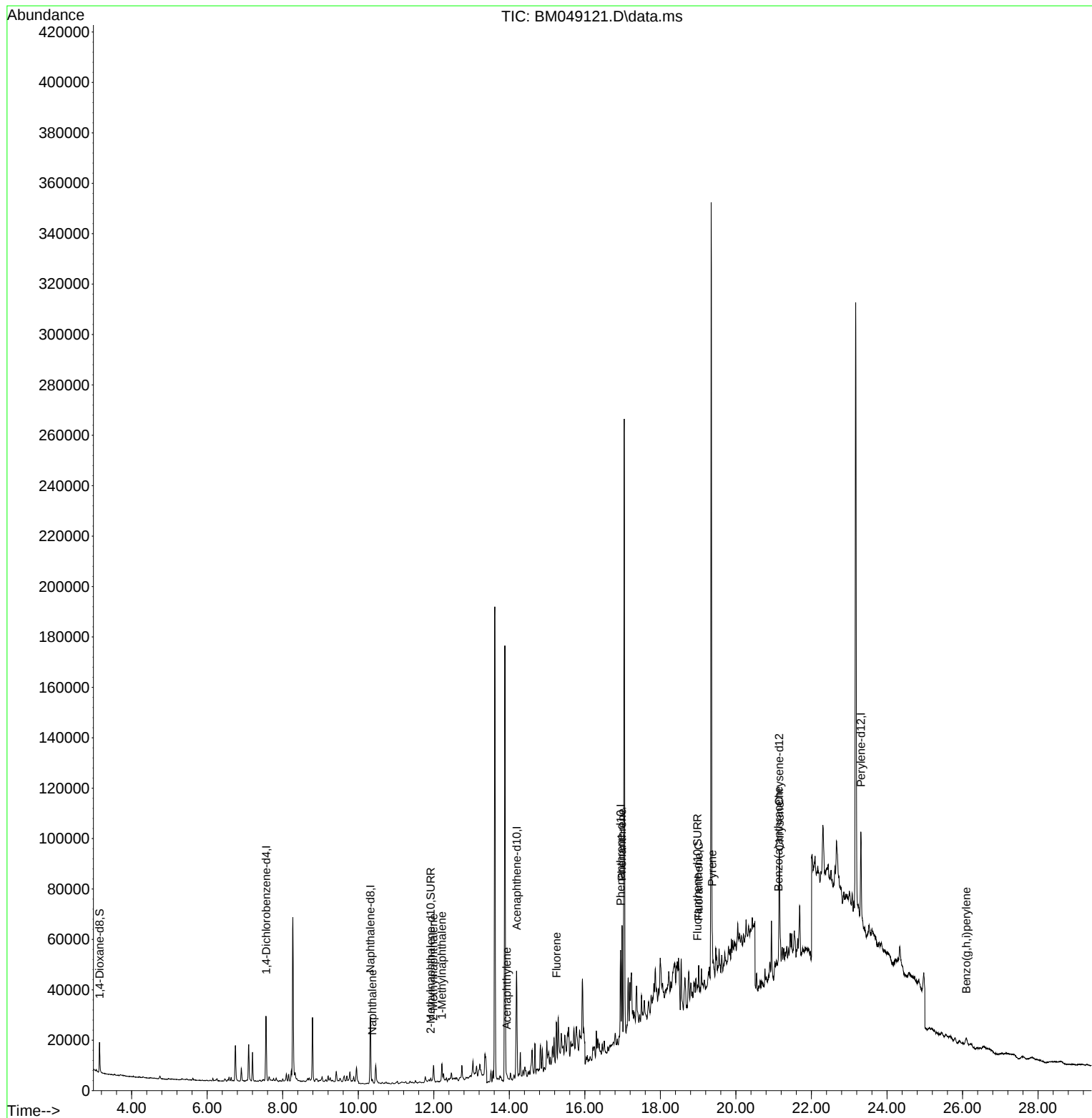
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	11100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	34512	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	21398	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	42942	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.146	240	38397	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	44553	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7650	0.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1725	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	4696	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	2121	0.025	ng/ul#	72
7) 2-Methylnaphthalene	11.991	142	4908	0.090	ng/ul	98
8) 1-Methylnaphthalene	12.216	142	5197	0.093	ng/ul	92
10) Acenaphthylene	13.932	152	2291	0.026	ng/ul#	1
12) Fluorene	15.250	166	6314	0.086	ng/ul#	56
15) Phenanthrene	16.984	178	48032	0.428	ng/ul#	76
19) Fluoranthene	19.015	202	11822	0.085	ng/ul#	73
20) Pyrene	19.373	202	20668	0.140	ng/ul#	82
21) Benzo(a)anthracene	21.132	228	2996	0.022	ng/ul#	1
22) Chrysene	21.161	228	17208	0.120	ng/ul#	14
29) Benzo(g,h,i)perylene	26.101	276	3904	0.025	ng/ul#	1

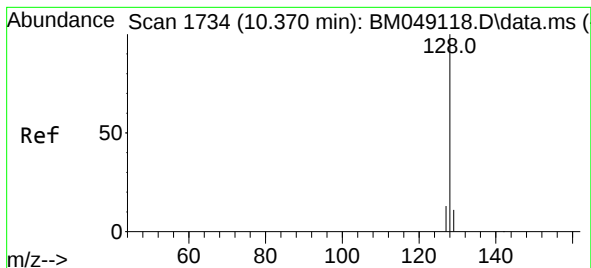
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.025 ng/ul

RT: 10.369 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM049121.D

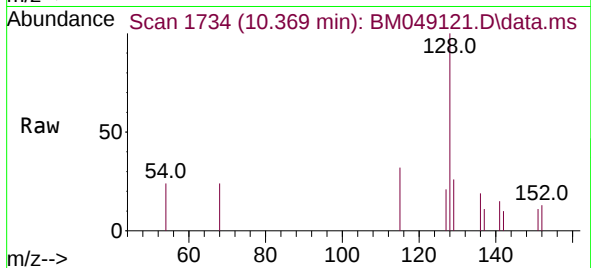
Acq: 21 Dec 2024 04:14

Instrument :

BNA_M

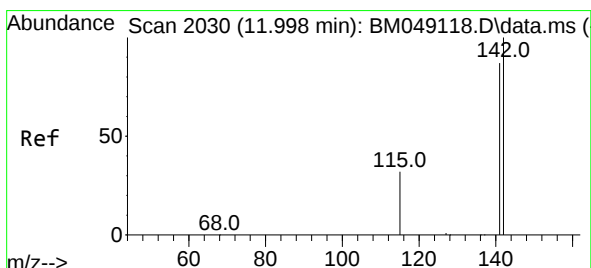
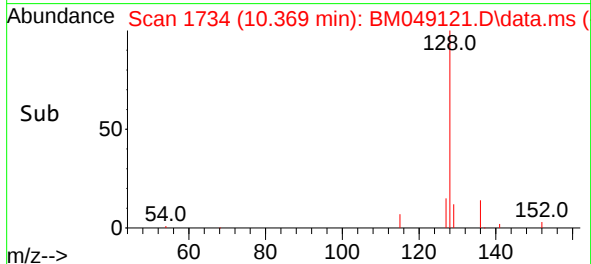
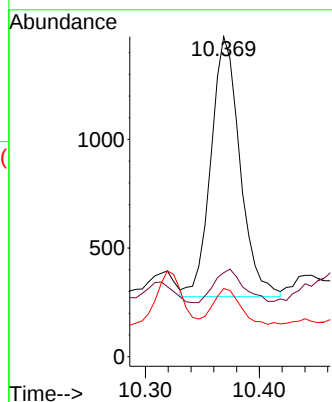
ClientSampleId :

E28Z9DL



Tgt Ion:128 Resp: 2121

Ion	Ratio	Lower	Upper
128	100		
129	26.3	9.7	14.5#
127	21.3	10.6	16.0#



#7

2-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 11.991 min Scan# 2029

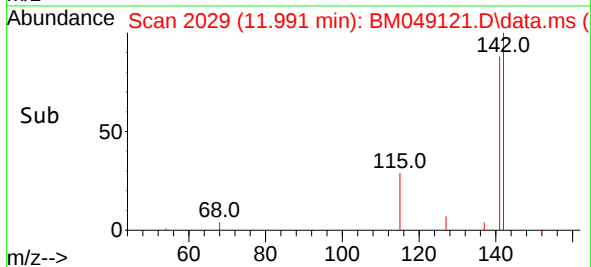
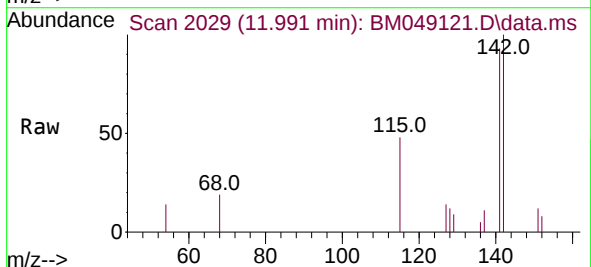
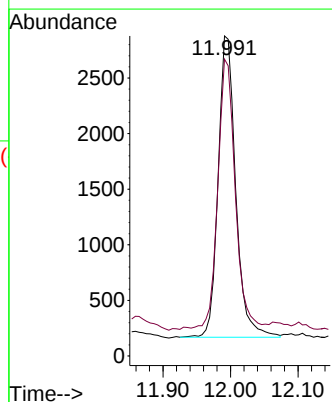
Delta R.T. -0.011 min

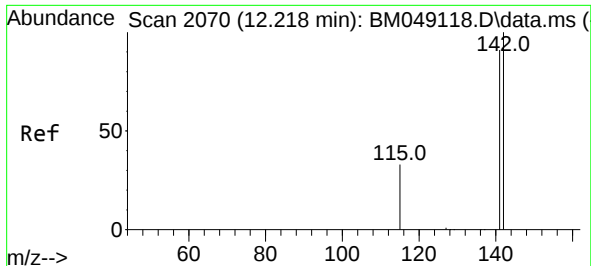
Lab File: BM049121.D

Acq: 21 Dec 2024 04:14

Tgt Ion:142 Resp: 4908

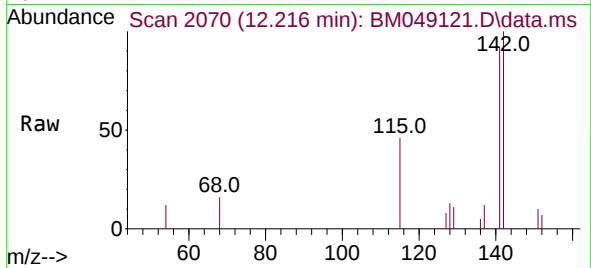
Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.7	107.5



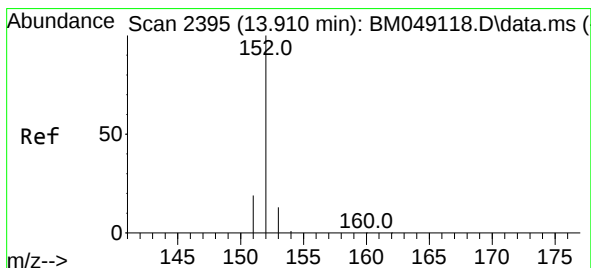
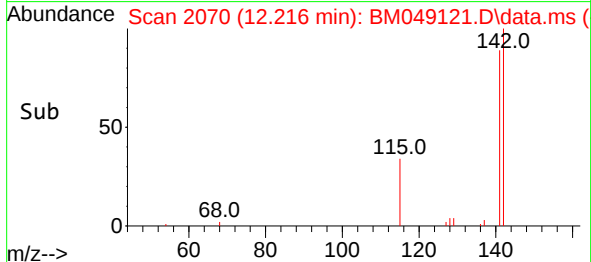
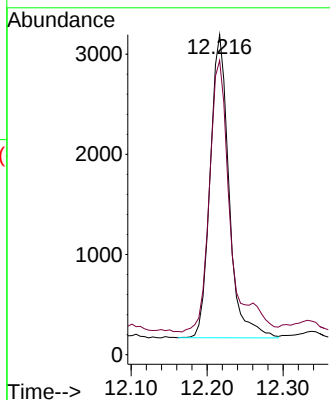


#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.216 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Instrument :
BNA_M
ClientSampleId :
E28Z9DL

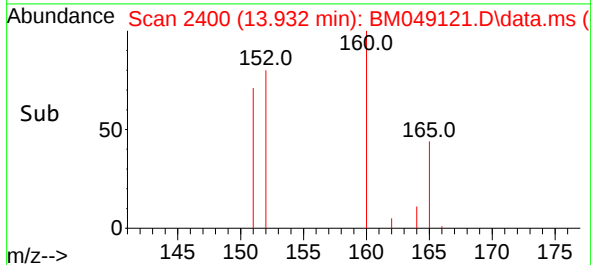
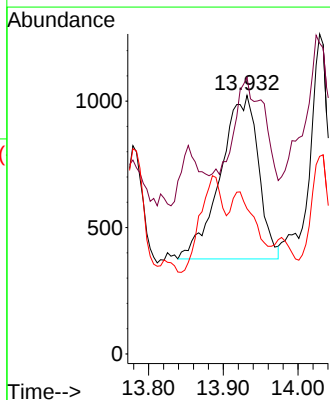
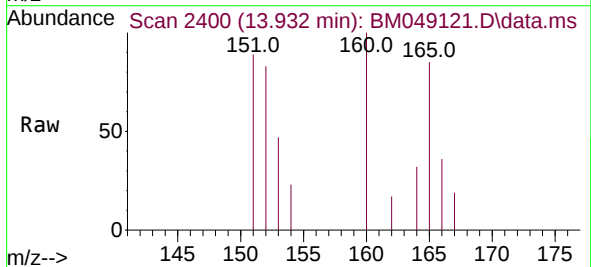


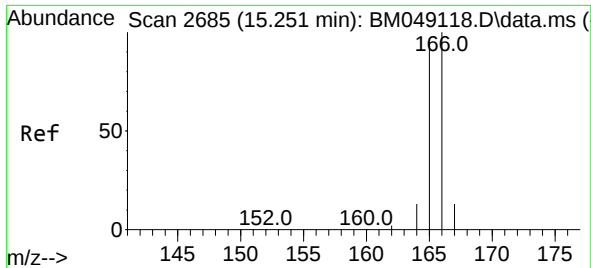
Tgt Ion:142 Resp: 5197
Ion Ratio Lower Upper
142 100
141 98.5 72.7 109.1



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.932 min Scan# 2400
Delta R.T. 0.014 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Tgt Ion:152 Resp: 2291
Ion Ratio Lower Upper
152 100
151 106.9 16.0 24.0#
153 56.2 11.0 16.6#

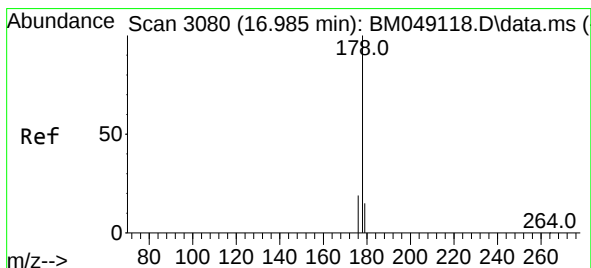
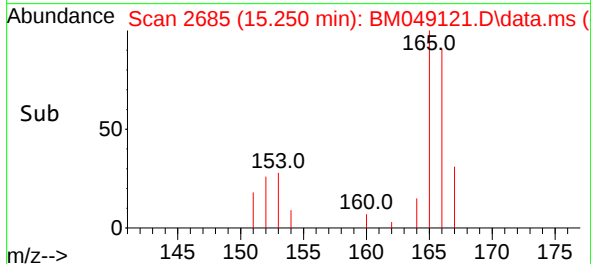
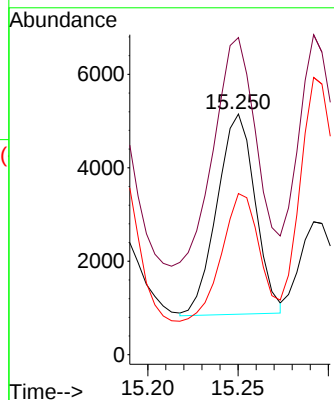
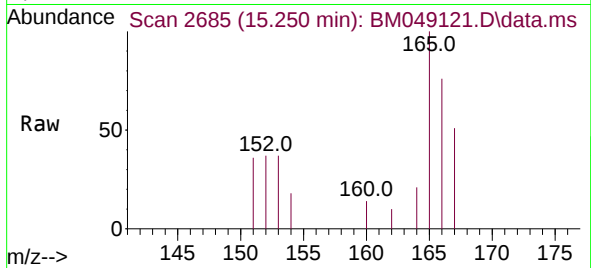




#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.250 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

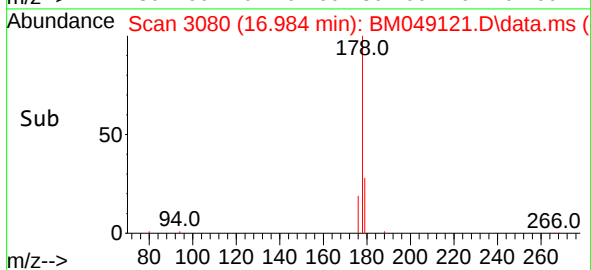
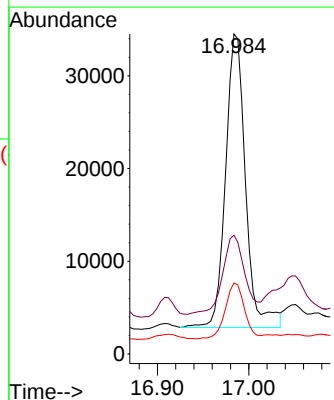
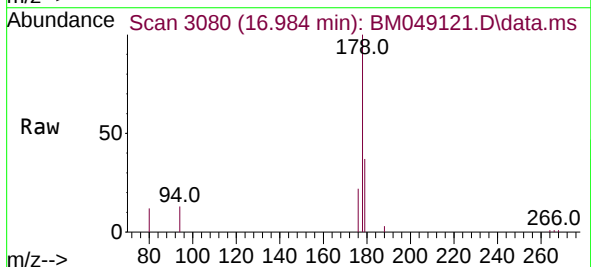
Instrument :
BNA_M
ClientSampleId :
E28Z9DL

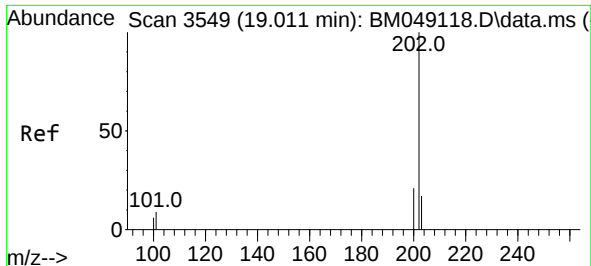
Tgt Ion:166 Resp: 6314
Ion Ratio Lower Upper
166 100
165 131.8 79.7 119.5#
167 67.0 11.4 17.0#



#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Tgt Ion:178 Resp: 48032
Ion Ratio Lower Upper
178 100
179 37.1 13.0 19.4#
176 22.2 16.2 24.2

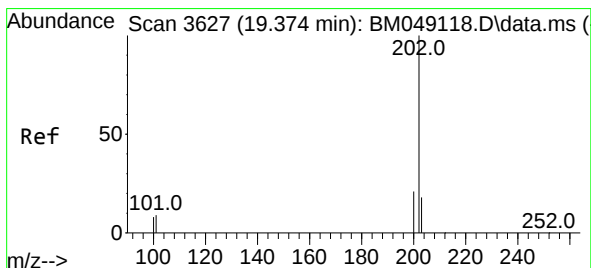
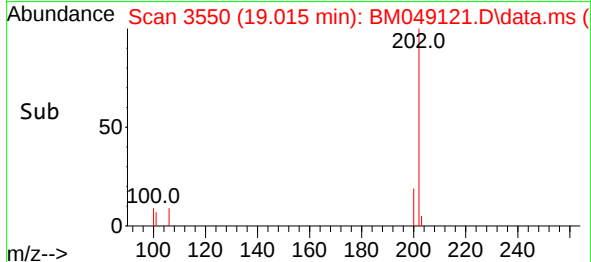
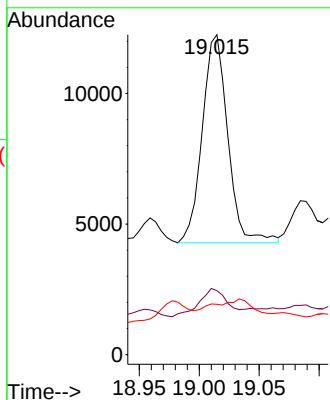
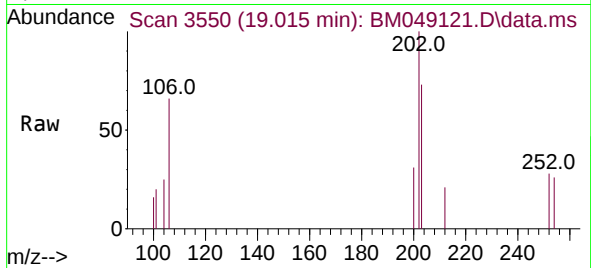




#19
Fluoranthene
Concen: 0.085 ng/u1
RT: 19.015 min Scan# 3550
Delta R.T. 0.000 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

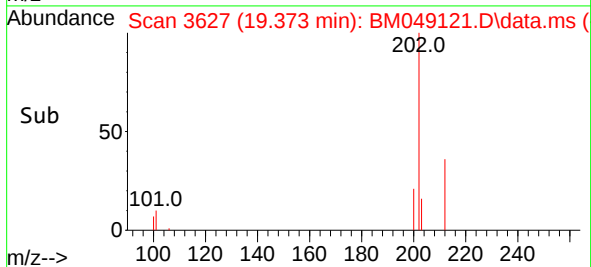
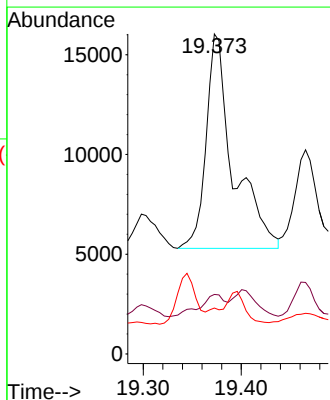
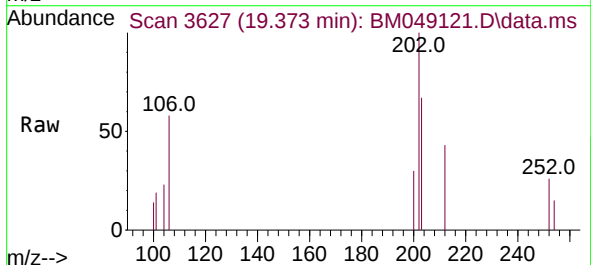
Instrument :
BNA_M
ClientSampleId :
E28Z9DL

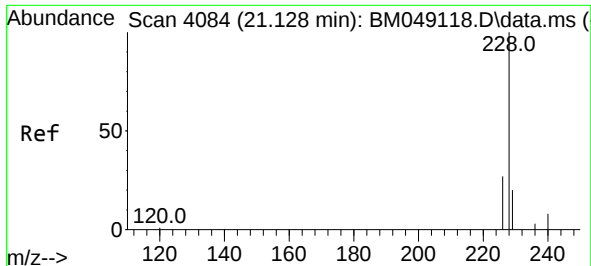
Tgt Ion:202 Resp: 11822
Ion Ratio Lower Upper
202 100
101 20.0 7.6 11.4#
100 15.7 5.5 8.3#



#20
Pyrene
Concen: 0.140 ng/u1
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Tgt Ion:202 Resp: 20668
Ion Ratio Lower Upper
202 100
101 18.6 8.9 13.3#
100 14.4 6.9 10.3#

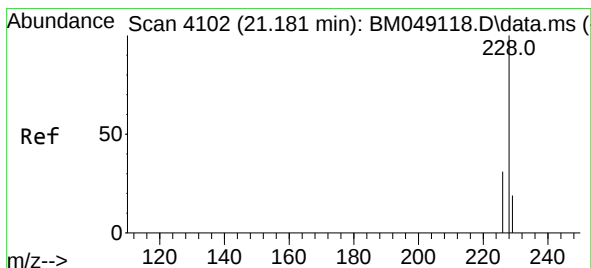
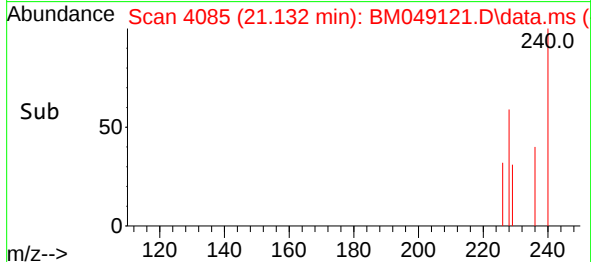
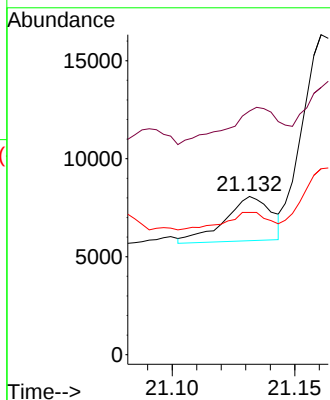
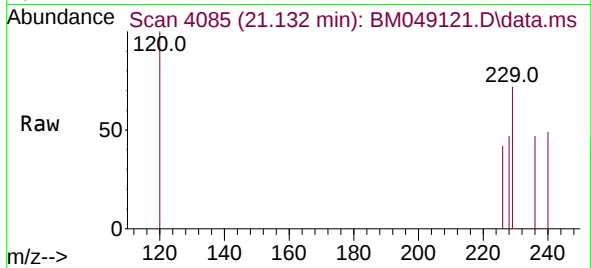




#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.132 min Scan# 4084
Delta R.T. 0.000 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

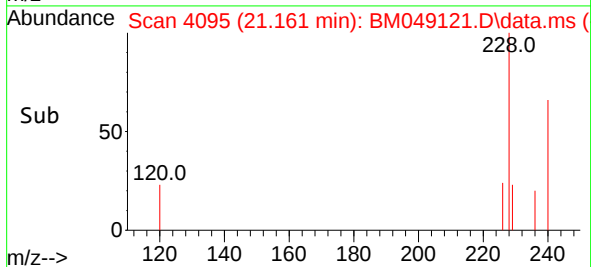
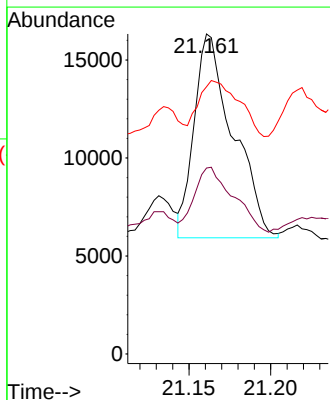
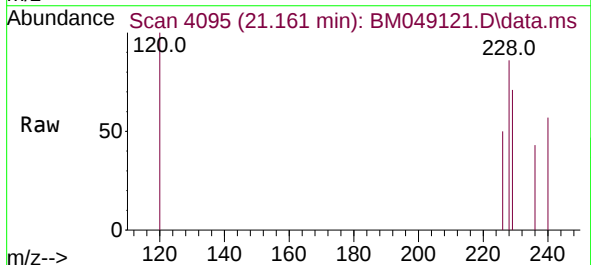
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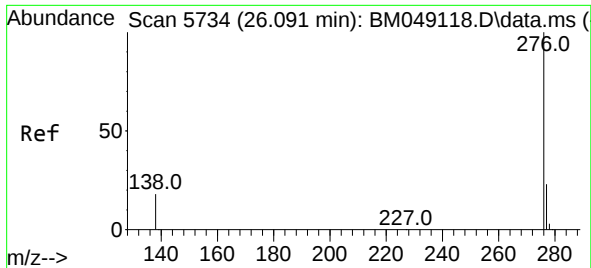
Tgt Ion:228 Resp: 2996
Ion Ratio Lower Upper
228 100
229 154.0 15.9 23.9#
226 89.9 22.6 34.0#



#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.023 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Tgt Ion:228 Resp: 17208
Ion Ratio Lower Upper
228 100
226 58.1 24.1 36.1#
229 83.5 15.8 23.8#





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.101 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM049121.D
Acq: 21 Dec 2024 04:14

Instrument :
BNA_M
ClientSampleId :
E28Z9DL

Tgt Ion:276 Resp: 3904
Ion Ratio Lower Upper
276 100
138 176.1 16.7 25.1#
277 80.7 19.9 29.9#

