

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049189.D
 Acq On : 24 Dec 2024 17:42
 Operator : RC/JU
 Sample : PB165780BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS780

Quant Time: Dec 24 21:41:40 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)

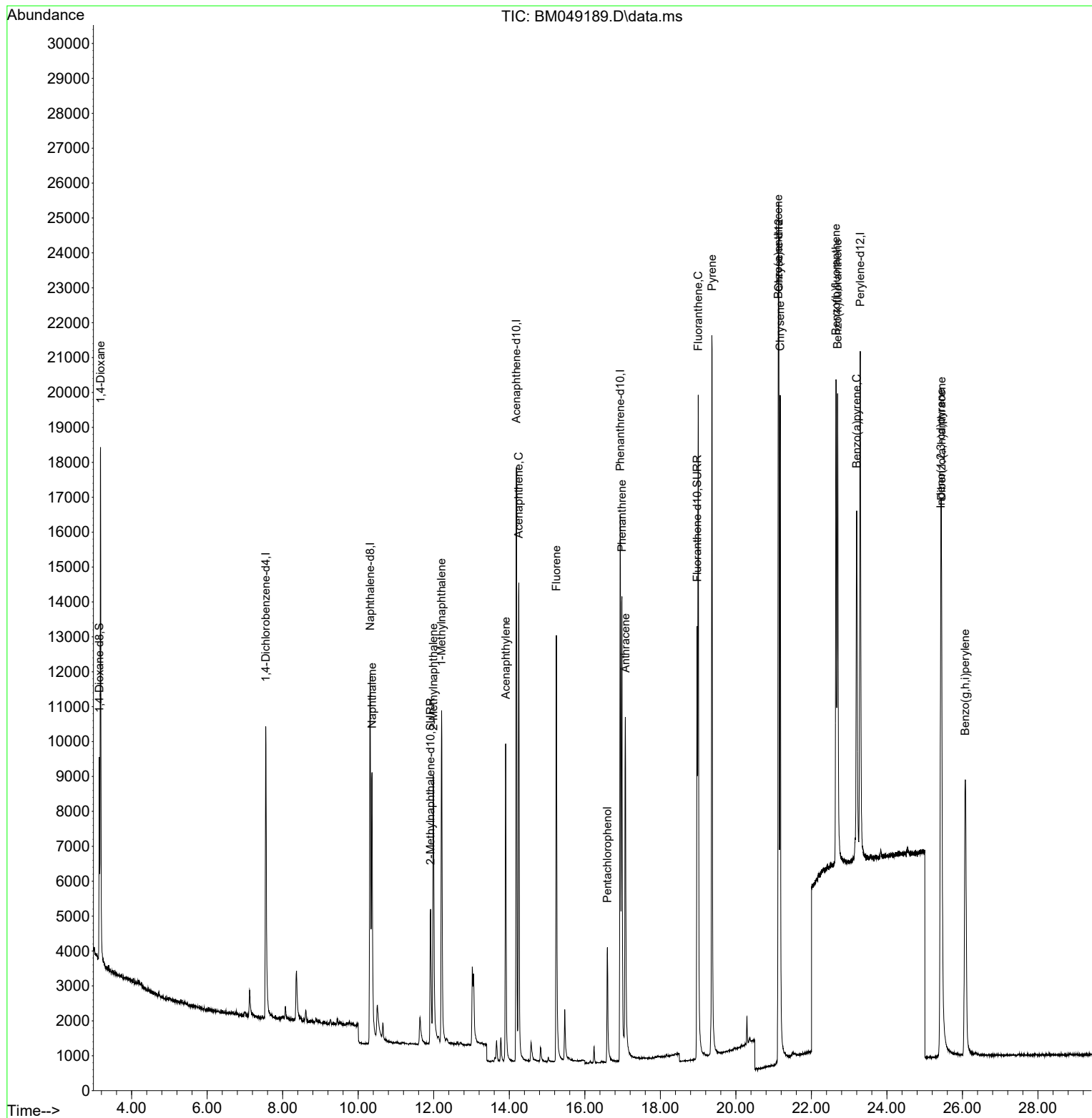
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	5638	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	17522	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	10418	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	21645	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	18090	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	19638	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3388	0.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	7172	0.305	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	15851	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	9472	1.246	ng/ul#	77
5) Naphthalene	10.365	128	12514	0.285	ng/ul	99
7) 2-Methylnaphthalene	11.987	142	7819	0.281	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	7997	0.281	ng/ul	100
10) Acenaphthylene	13.905	152	11628	0.269	ng/ul	99
11) Acenaphthene	14.252	153	8625	0.274	ng/ul	99
12) Fluorene	15.247	166	9768	0.275	ng/ul	99
14) Pentachlorophenol	16.597	266	2952	0.493	ng/ul	96
15) Phenanthrene	16.981	178	15369	0.272	ng/ul	100
16) Anthracene	17.074	178	14117	0.272	ng/ul	98
19) Fluoranthene	19.002	202	18707	0.286	ng/ul	99
20) Pyrene	19.365	202	19806	0.284	ng/ul	99
21) Benzo(a)anthracene	21.122	228	16476	0.262	ng/ul	99
22) Chrysene	21.172	228	18874	0.279	ng/ul	99
24) Benzo(b)fluoranthene	22.651	252	17530	0.279	ng/ul	98
25) Benzo(k)fluoranthene	22.694	252	19216	0.279	ng/ul	98
26) Benzo(a)pyrene	23.197	252	16466	0.274	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	22244	0.261	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.443	278	17314	0.262	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	18285	0.267	ng/ul	100

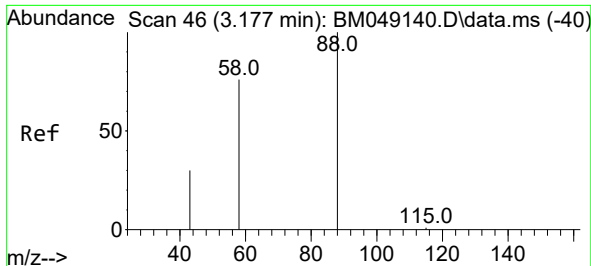
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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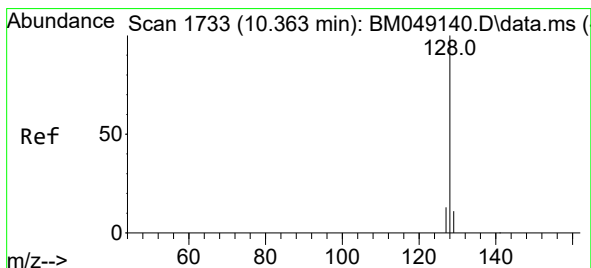
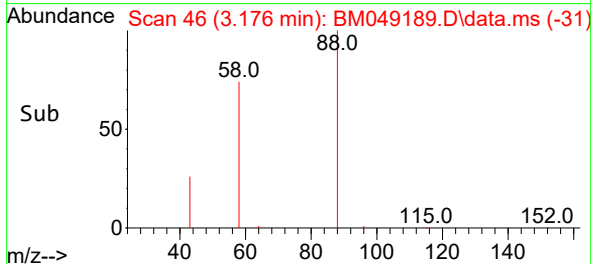
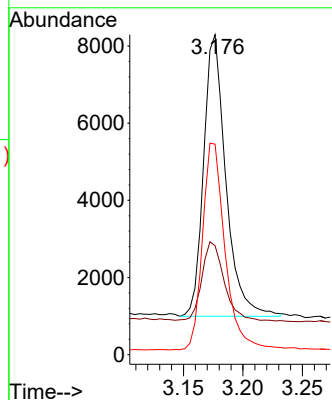
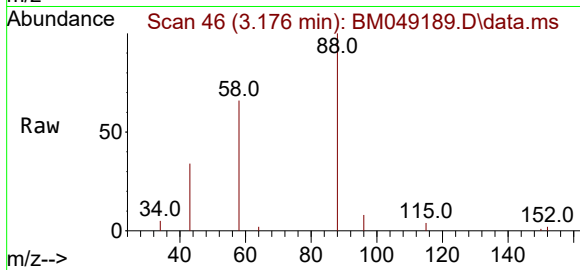




#2
1,4-Dioxane
Concen: 1.246 ng/ul
RT: 3.176 min Scan# 40
Delta R.T. -0.009 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

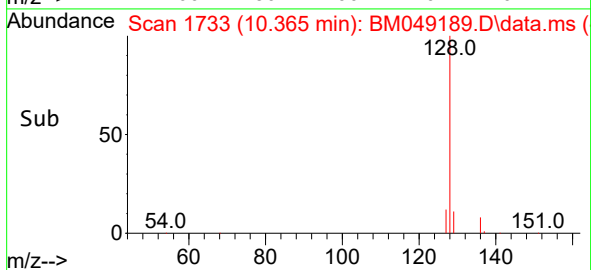
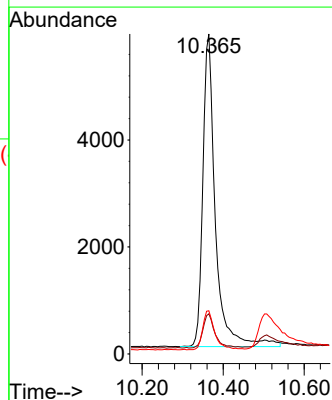
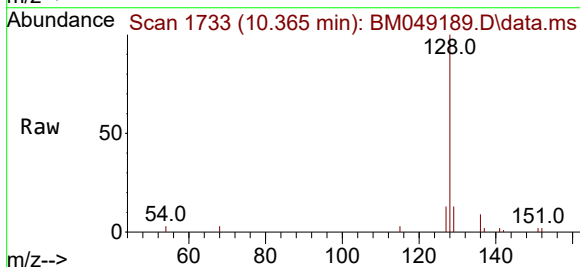
Instrument :
BNA_M
ClientSampleId :
SLCS780

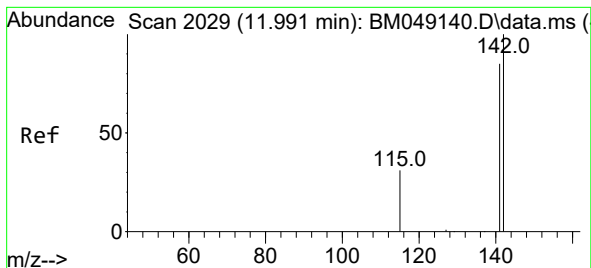
Tgt Ion: 88 Resp: 9472
Ion Ratio Lower Upper
88 100
43 34.0 45.4 68.2#
58 65.8 43.6 65.4#



#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.015 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion: 128 Resp: 12514
Ion Ratio Lower Upper
128 100
129 12.6 9.7 14.5
127 13.5 10.6 16.0

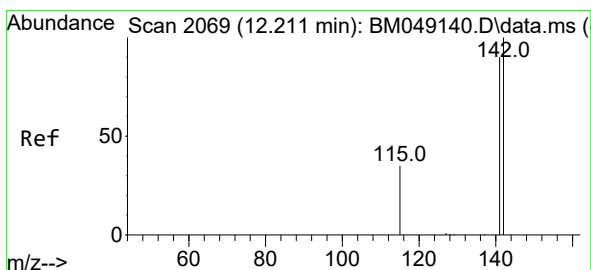
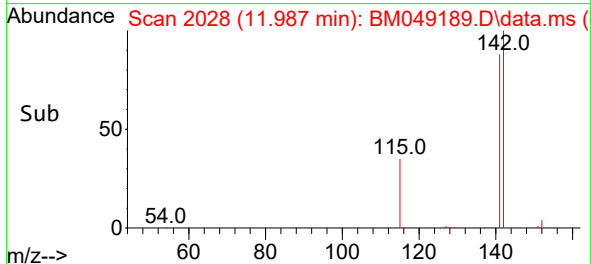
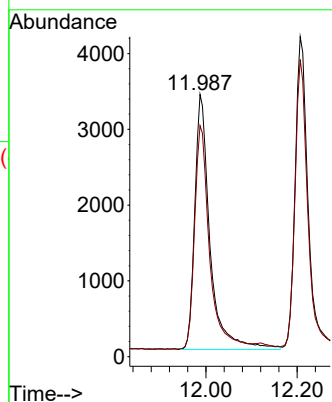
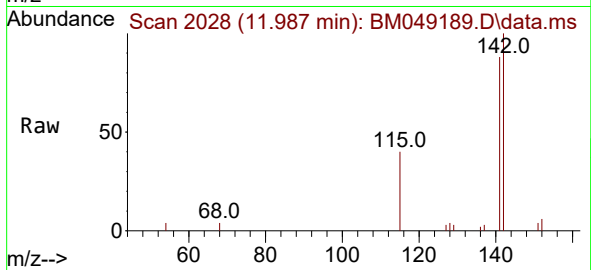




#7
2-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. -0.015 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

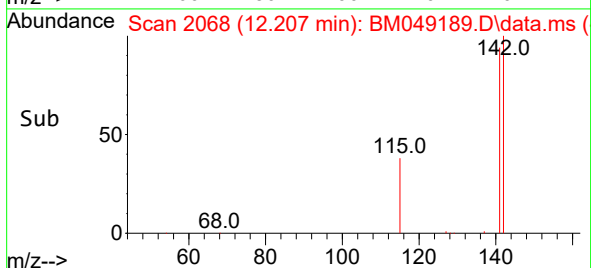
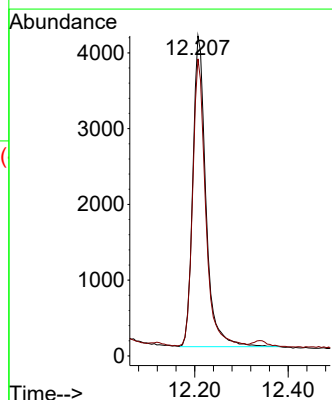
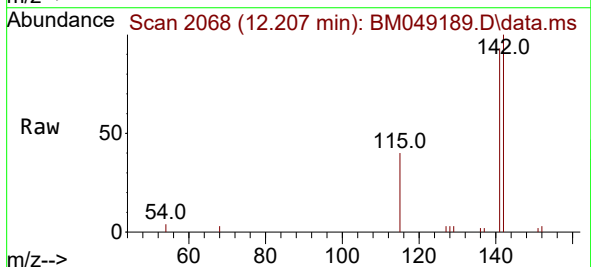
Instrument :
BNA_M
ClientSampleId :
SLCS780

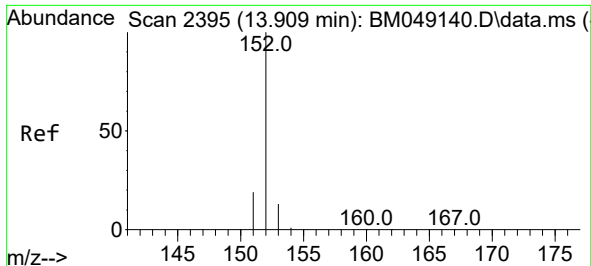
Tgt Ion:142 Resp: 7819
Ion Ratio Lower Upper
142 100
141 88.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:142 Resp: 7997
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1

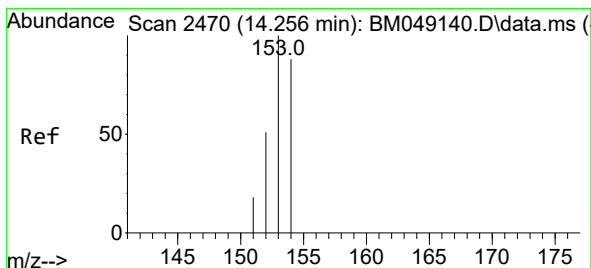
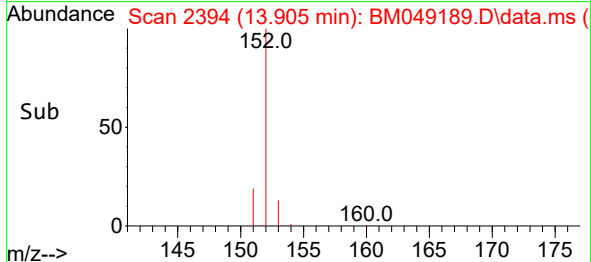
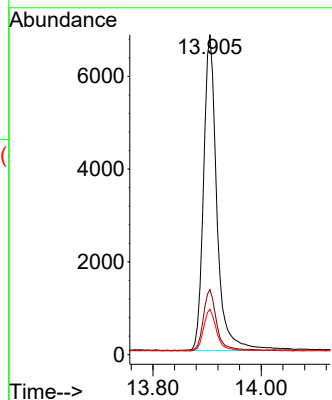
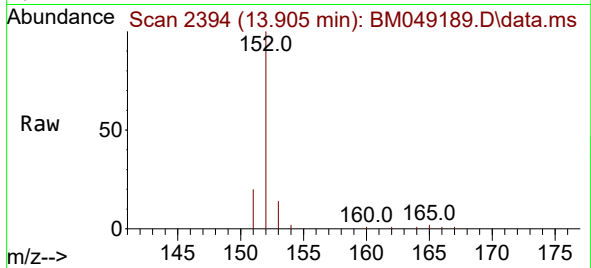




#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 13.905 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

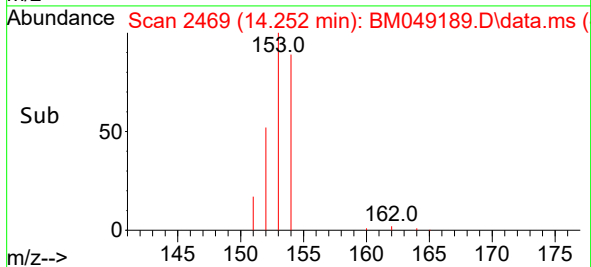
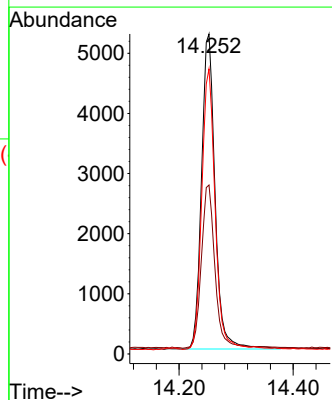
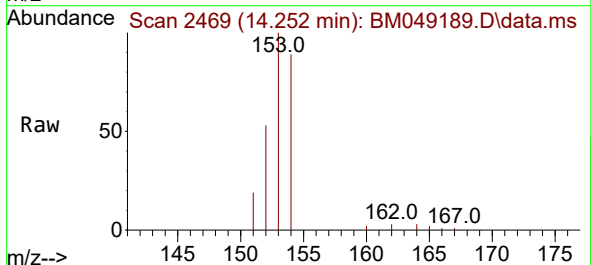
Instrument :
BNA_M
ClientSampleId :
SLCS780

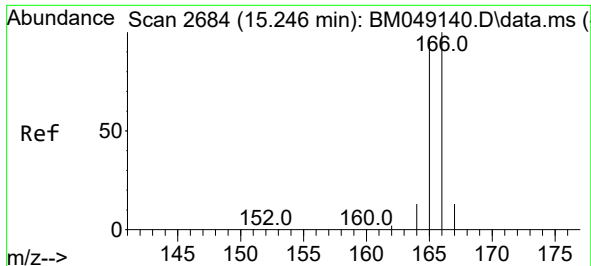
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	14.2	11.0	16.6



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.012 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.8	40.7	61.1
154	89.1	70.8	106.2

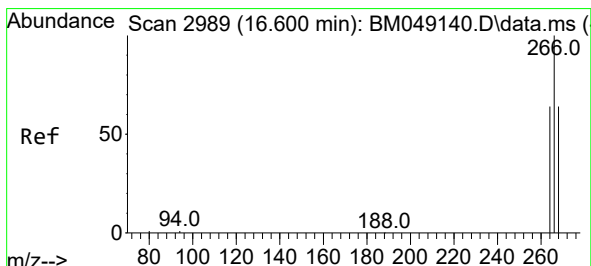
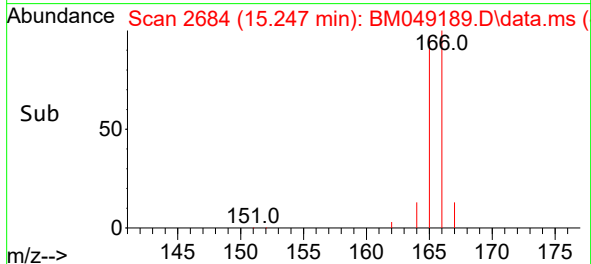
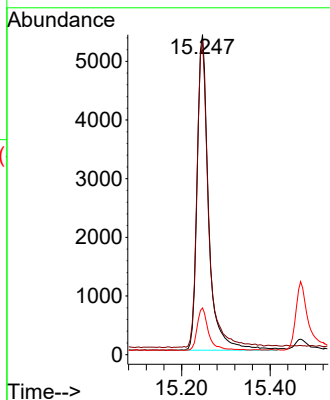
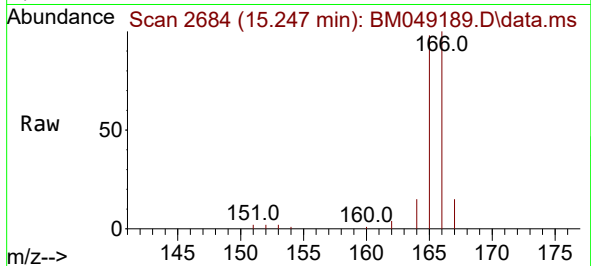




#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.247 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

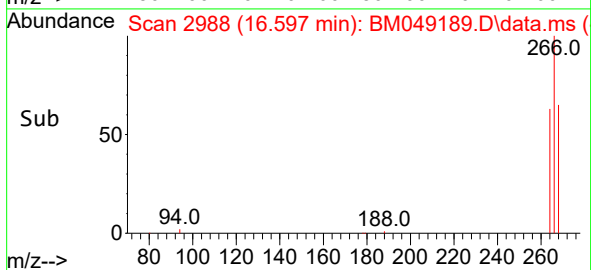
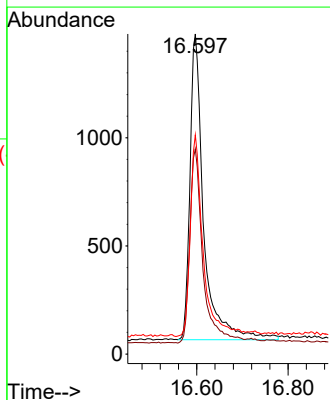
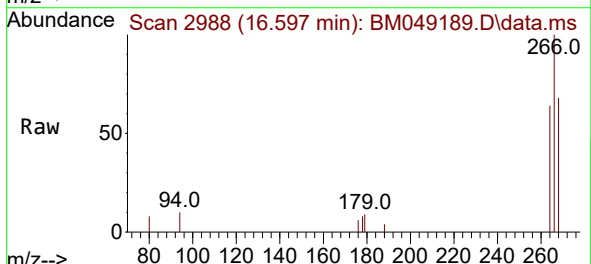
Instrument :
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ClientSampleId :
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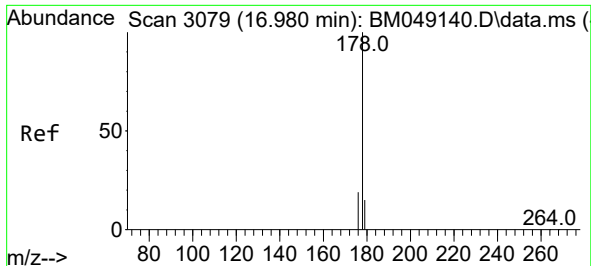
Tgt Ion:166 Resp: 9768
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.493 ng/ul
RT: 16.597 min Scan# 2988
Delta R.T. -0.011 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:266 Resp: 2952
Ion Ratio Lower Upper
266 100
264 62.0 48.3 72.5
268 63.6 47.5 71.3

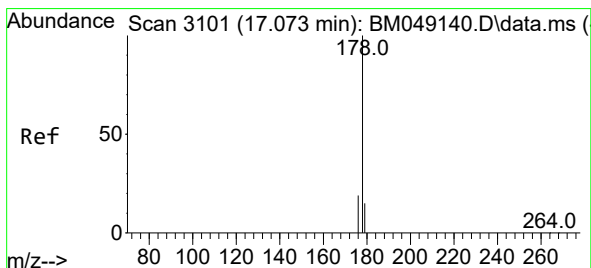
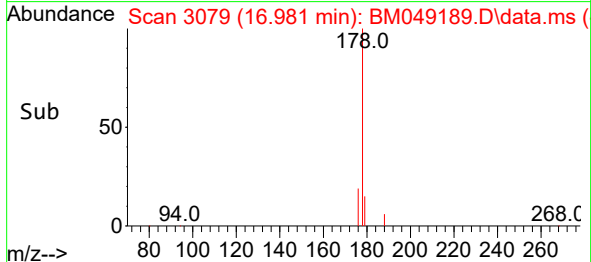
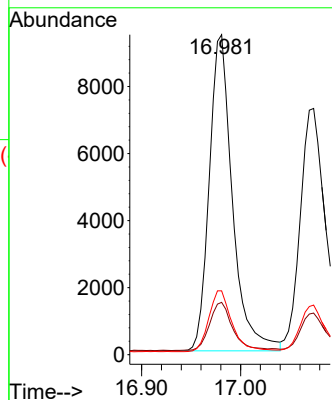
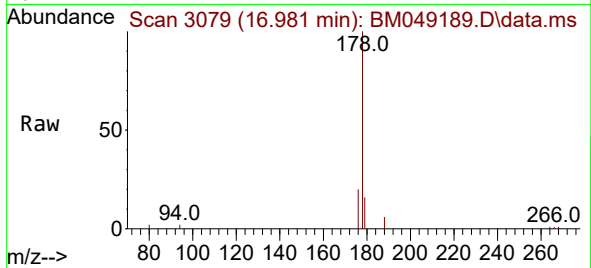




#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. -0.011 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

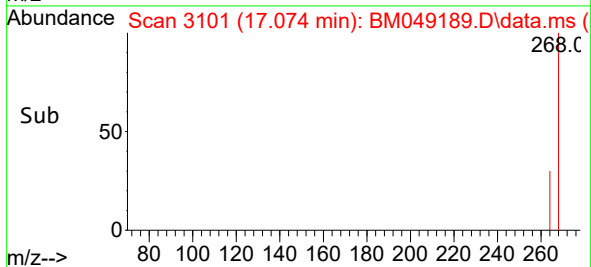
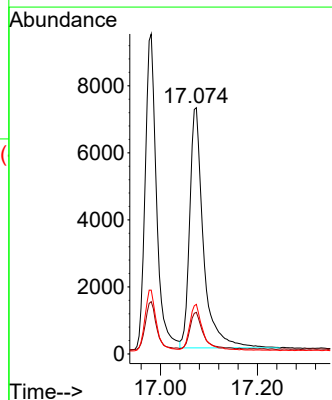
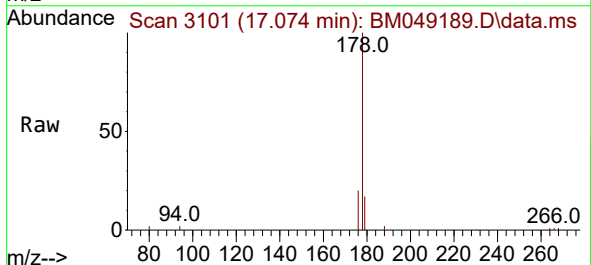
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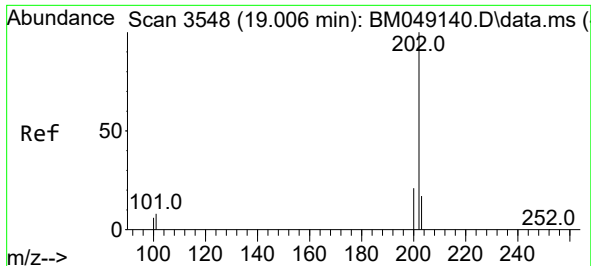
Tgt Ion:178 Resp: 15369
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:178 Resp: 14117
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.1 15.3 22.9

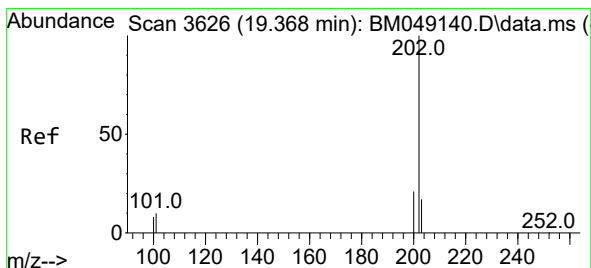
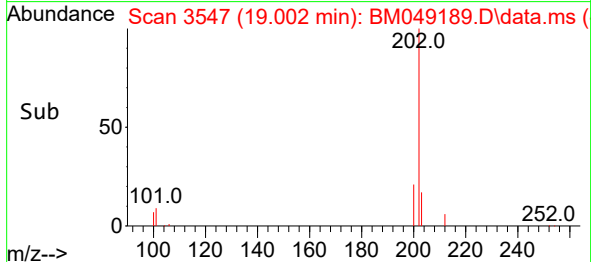
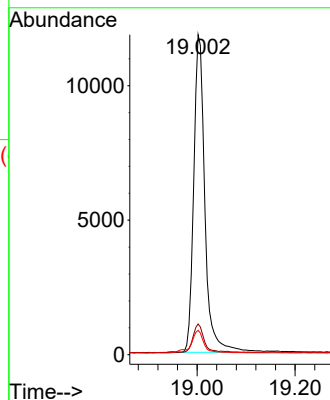
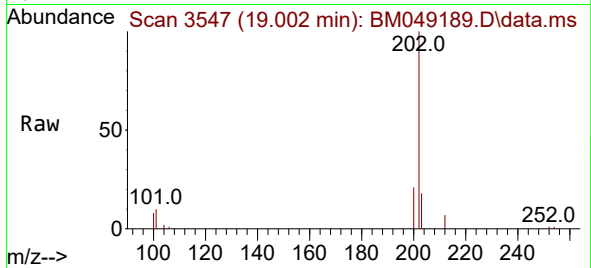




#19
Fluoranthene
Concen: 0.286 ng/ul
RT: 19.002 min Scan# 3548
Delta R.T. -0.013 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

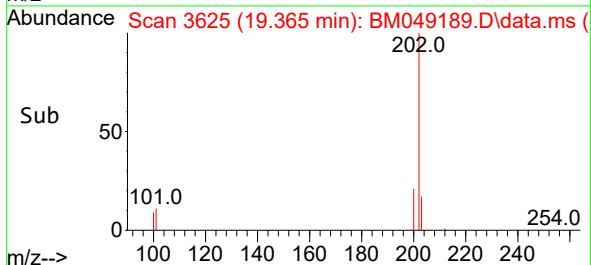
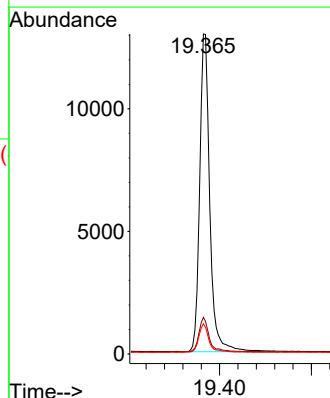
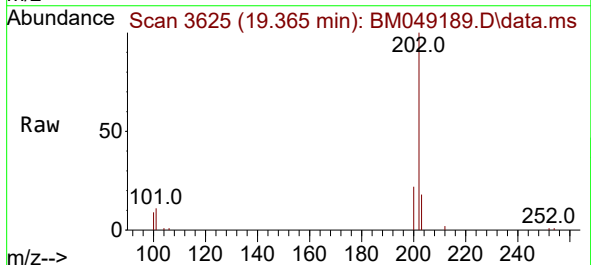
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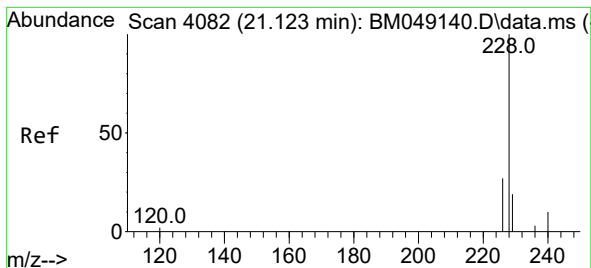
Tgt Ion:202 Resp: 18707
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 7.6 5.5 8.3



#20
Pyrene
Concen: 0.284 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:202 Resp: 19806
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 9.4 6.9 10.3





#21

Benzo(a)anthracene

Concen: 0.262 ng/ul

RT: 21.122 min Scan# 4082

Delta R.T. -0.009 min

Lab File: BM049189.D

Acq: 24 Dec 2024 17:42

Instrument :

BNA_M

ClientSampleId :

SLCS780

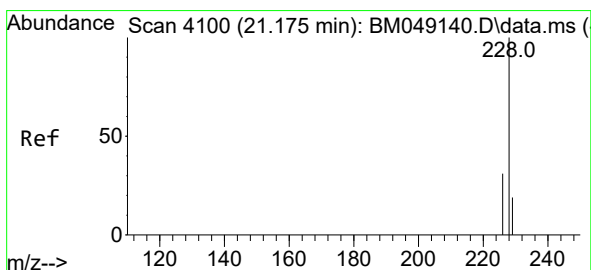
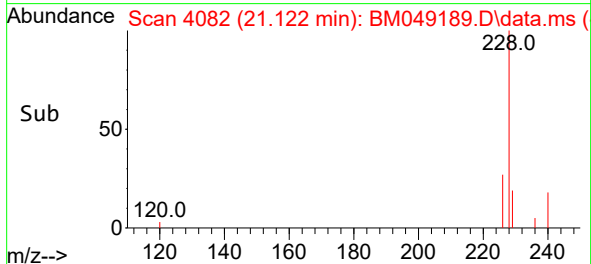
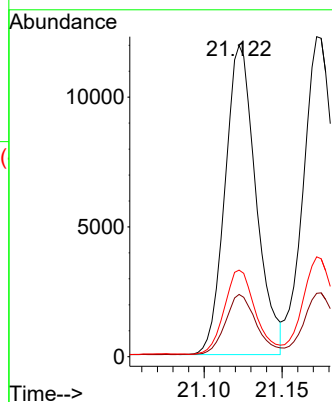
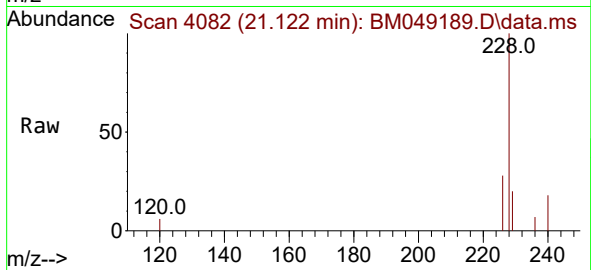
Tgt Ion:228 Resp: 16476

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

226 27.8 22.6 34.0



#22

Chrysene

Concen: 0.279 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. -0.012 min

Lab File: BM049189.D

Acq: 24 Dec 2024 17:42

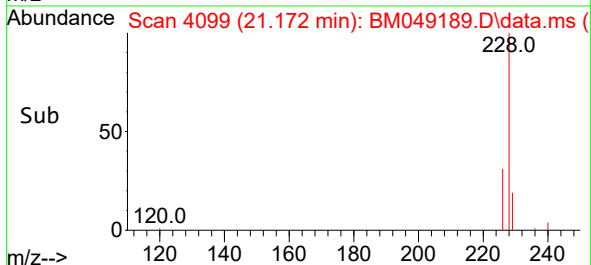
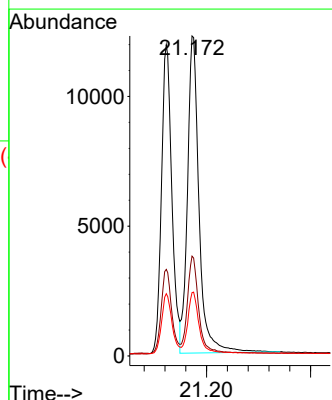
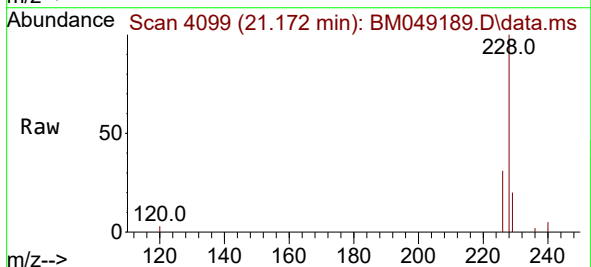
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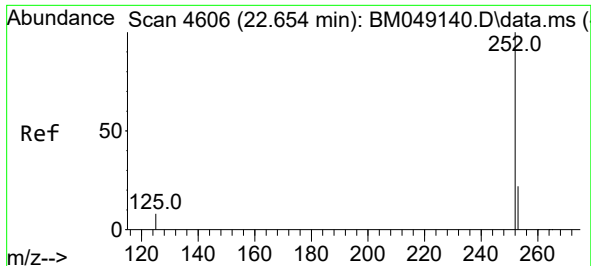
Ion Ratio Lower Upper

228 100

226 31.2 24.1 36.1

229 19.8 15.8 23.8

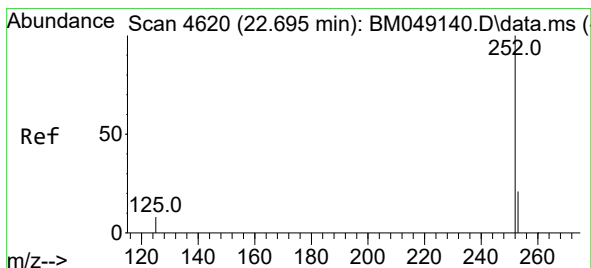
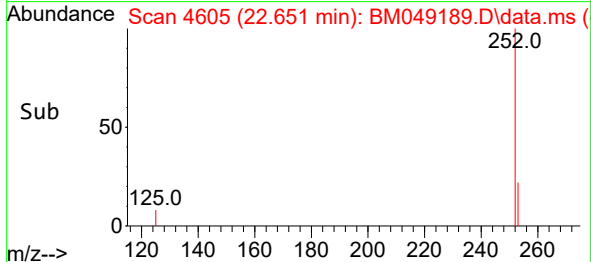
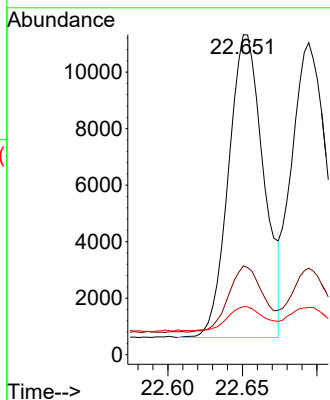
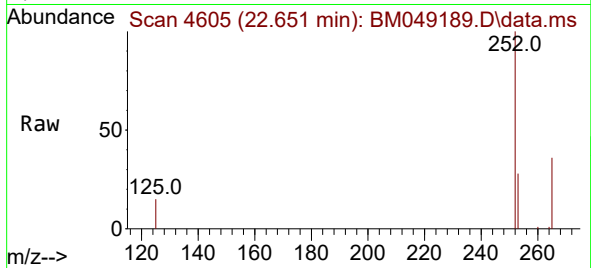




#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

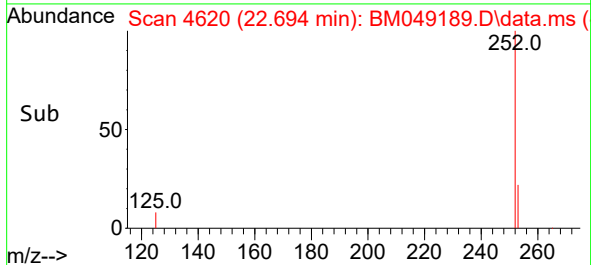
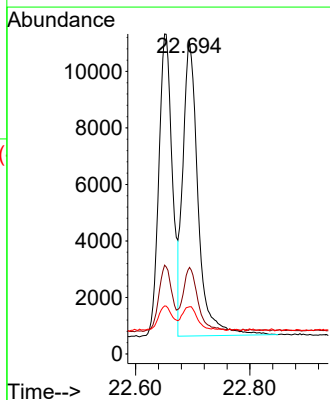
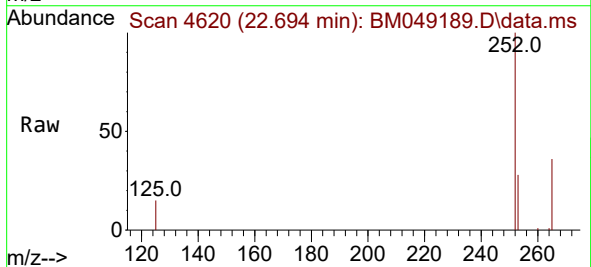
Instrument :
BNA_M
ClientSampleId :
SLCS780

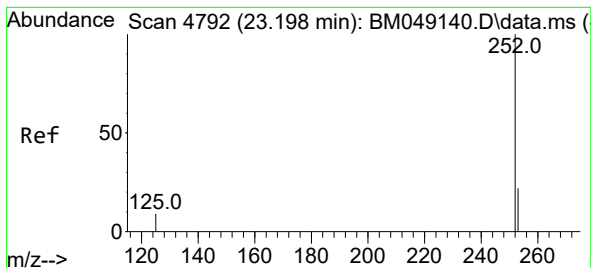
Tgt Ion:252 Resp: 17530
Ion Ratio Lower Upper
252 100
253 27.7 0.0 52.6
125 15.0 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.279 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:252 Resp: 19216
Ion Ratio Lower Upper
252 100
253 27.7 21.3 31.9
125 15.1 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.274 ng/ul

RT: 23.197 min Scan# 4792

Delta R.T. -0.012 min

Lab File: BM049189.D

Acq: 24 Dec 2024 17:42

Instrument :

BNA_M

ClientSampleId :

SLCS780

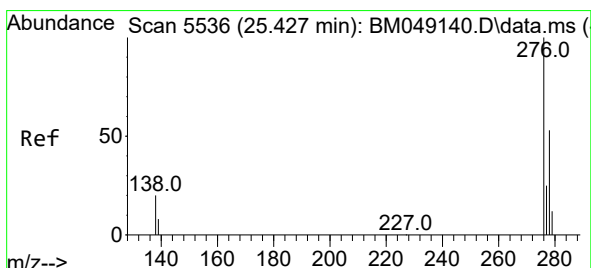
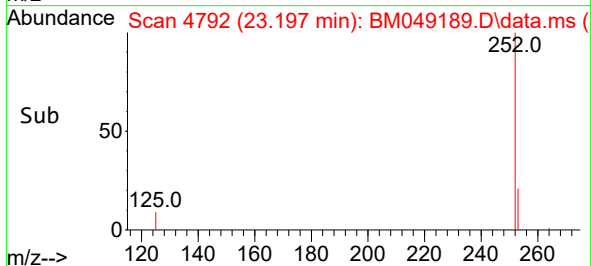
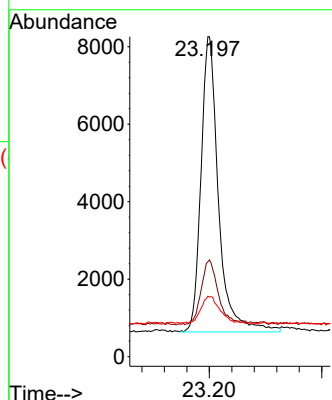
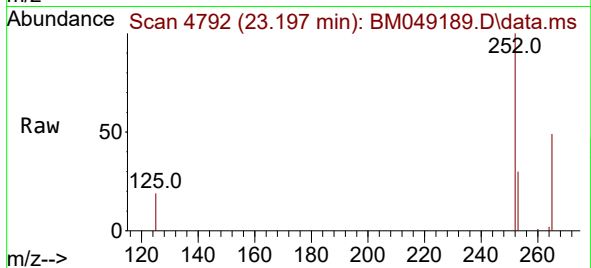
Tgt Ion:252 Resp: 16466

Ion Ratio Lower Upper

252 100

253 29.6 22.4 33.6

125 18.9 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.261 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.020 min

Lab File: BM049189.D

Acq: 24 Dec 2024 17:42

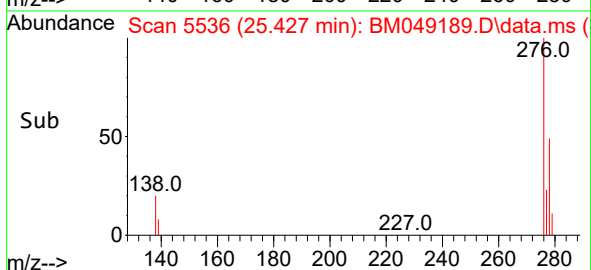
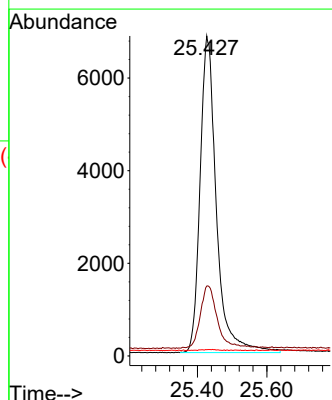
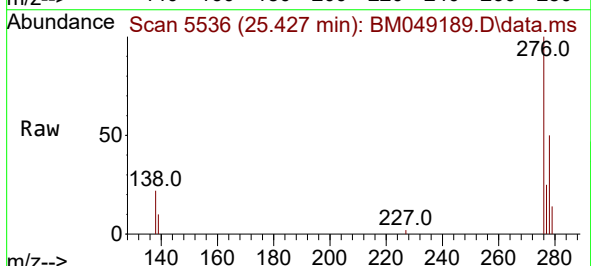
Tgt Ion:276 Resp: 22244

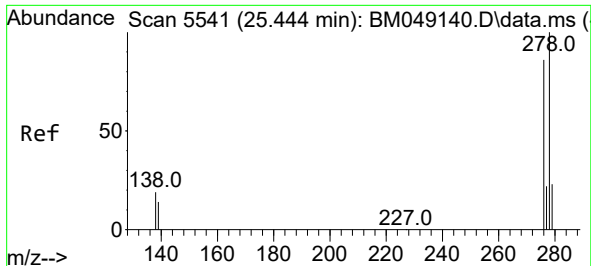
Ion Ratio Lower Upper

276 100

138 19.8 17.4 26.2

227 0.2 0.2 0.2#

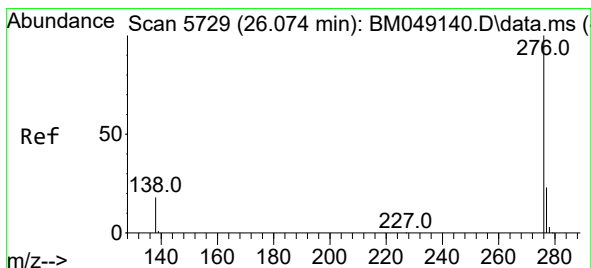
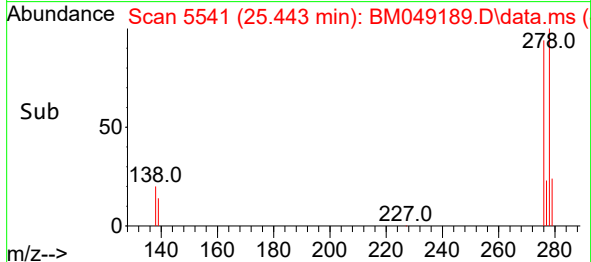
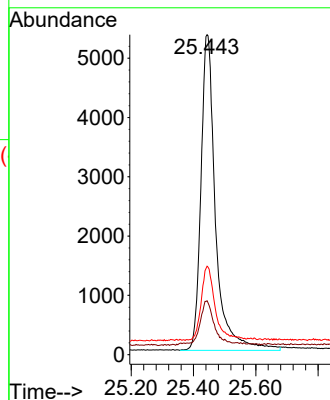
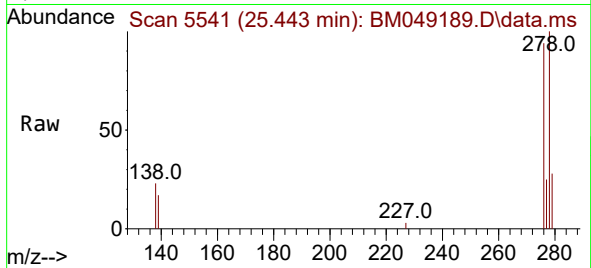




#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.443 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:278 Resp: 17314
Ion Ratio Lower Upper
278 100
139 16.9 13.5 20.3
279 27.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049189.D
Acq: 24 Dec 2024 17:42

Tgt Ion:276 Resp: 18285
Ion Ratio Lower Upper
276 100
138 21.1 16.7 25.1
277 25.1 19.9 29.9

