

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045497.D
 Acq On : 23 Apr 2024 02:04
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Quant Time: Apr 23 08:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

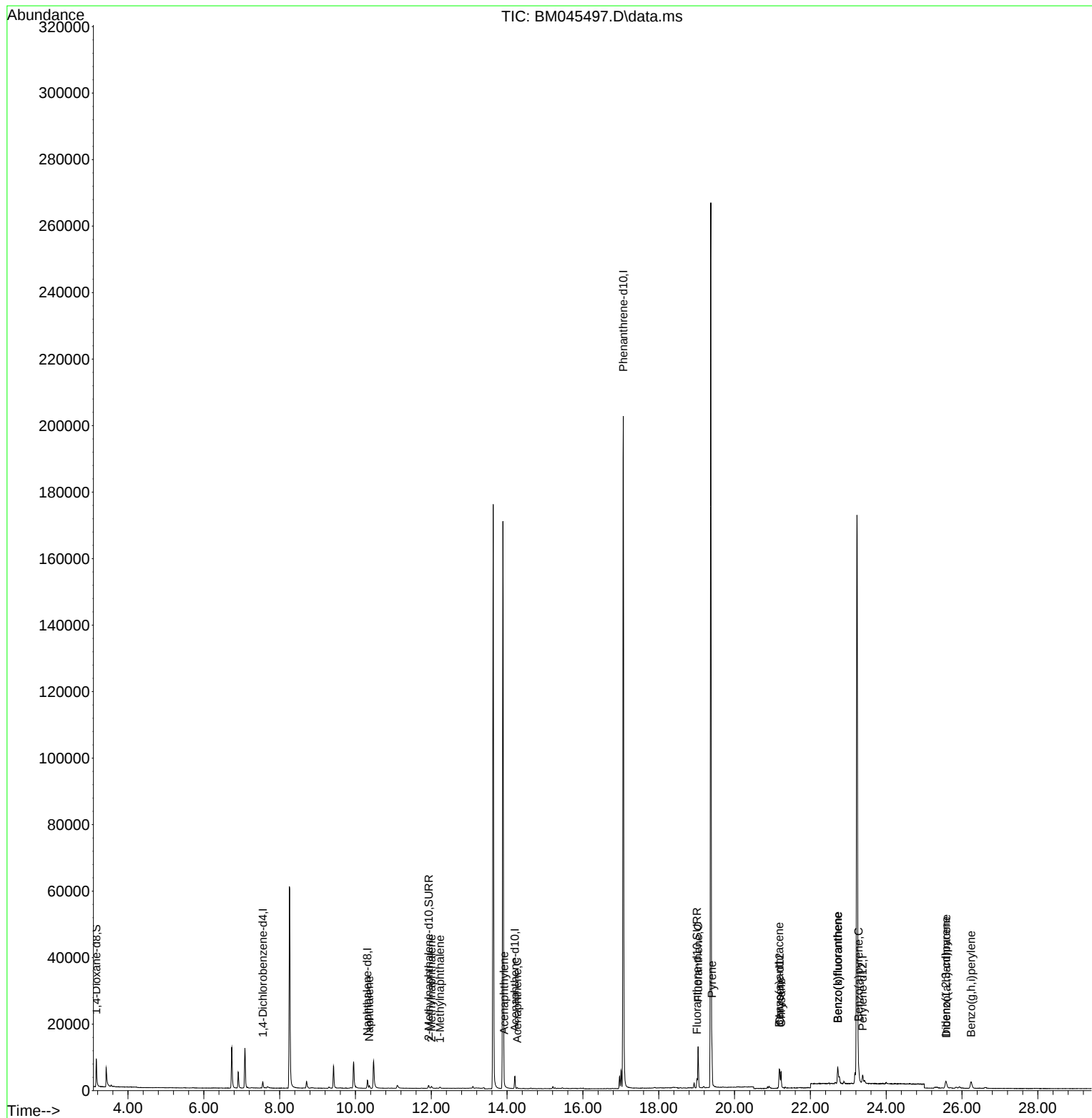
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1045	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3494	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2045	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.064	188	252129	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.187	240	3233	0.400	ng/ul	-0.03
23) Perylene-d12	23.379	264	4425	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5729	4.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1399	0.304	ng/ul	-0.05
18) Fluoranthene-d10	19.010	212	3103	0.305	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	1105	0.118	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	496	0.093	ng/ul	96
8) 1-Methylnaphthalene	12.228	142	296	0.049	ng/ul	92
10) Acenaphthylene	13.923	152	471	0.047	ng/ul#	76
11) Acenaphthene	14.270	153	197	0.026	ng/ul	93
19) Fluoranthene	19.038	202	11127	0.746	ng/ul#	92
20) Pyrene	19.401	202	9192	0.599	ng/ul	96
21) Benzo(a)anthracene	21.176	228	4591	0.444	ng/ul	98
22) Chrysene	21.225	228	4747	0.299	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	8051	0.541	ng/ul	90
25) Benzo(k)fluoranthene	22.721	252	10014	0.532	ng/ul#	90
26) Benzo(a)pyrene	23.274	252	3662	0.237	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	3912	0.174	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.588	278	930	0.052	ng/ul#	40
29) Benzo(g,h,i)perylene	26.239	276	4475	0.222	ng/ul	100

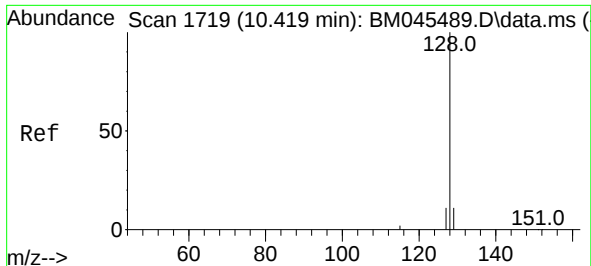
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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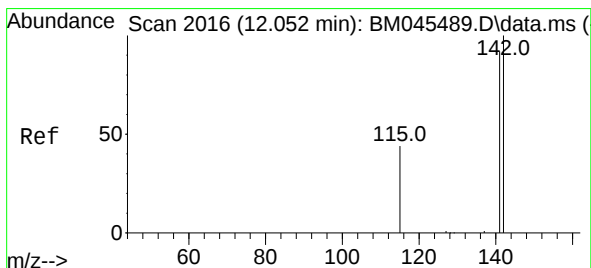
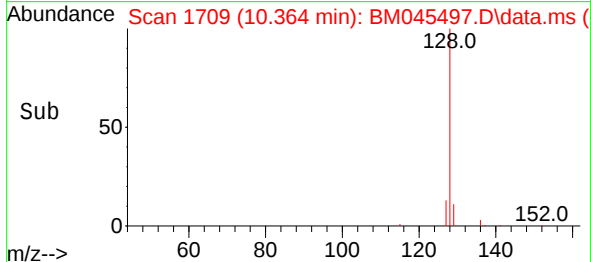
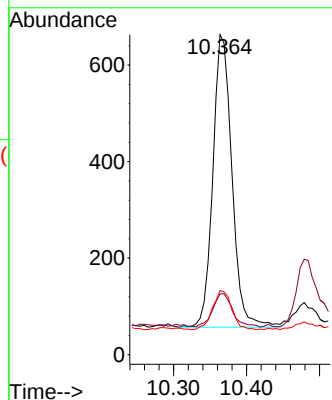
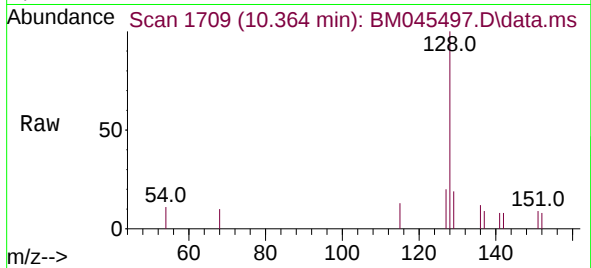




#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.364 min Scan# 1
Delta R.T. -0.055 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

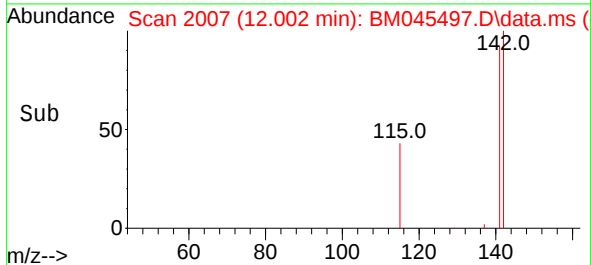
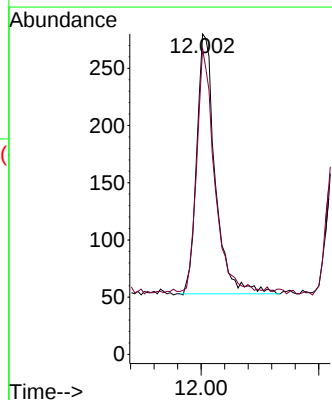
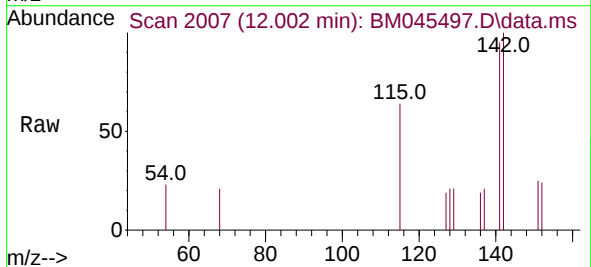
Instrument :
BNA_M
ClientSampleId :
E1CY3

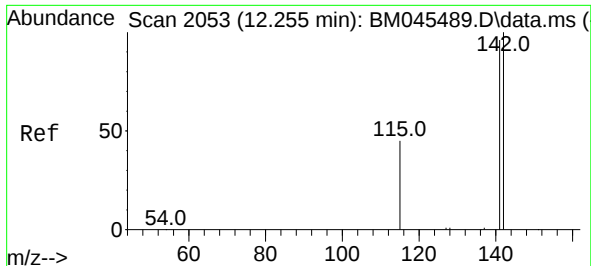
Tgt Ion:128 Resp: 1105
Ion Ratio Lower Upper
128 100
129 19.0 14.0 21.0
127 20.1 15.4 23.2



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.049 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8

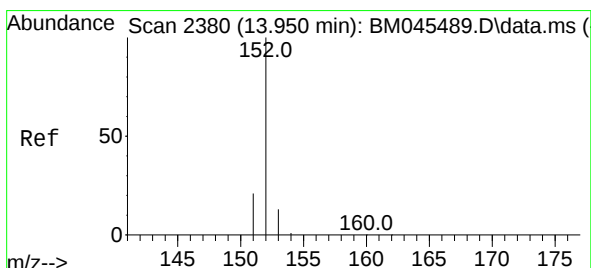
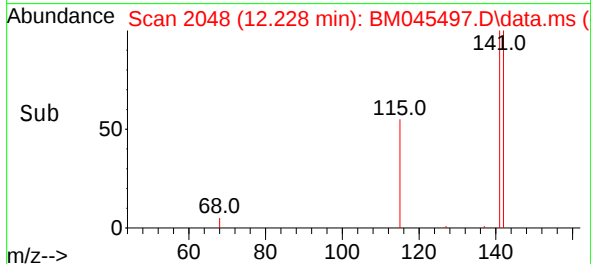
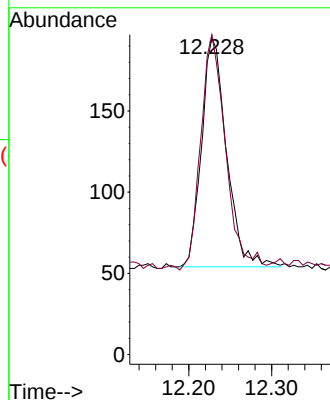
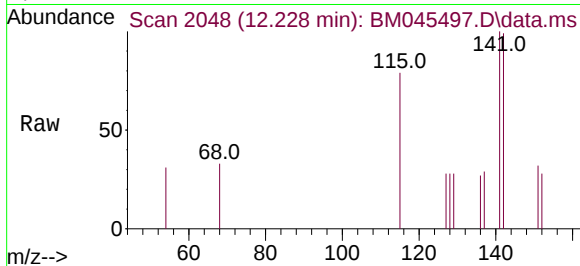




#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.228 min Scan# 2053
Delta R.T. -0.027 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

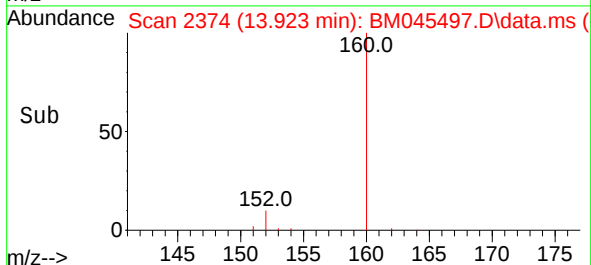
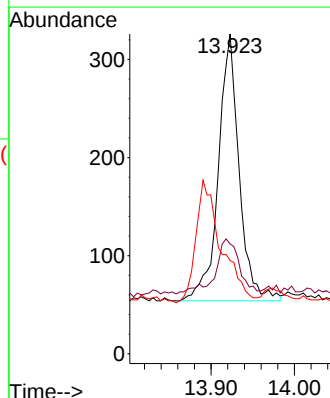
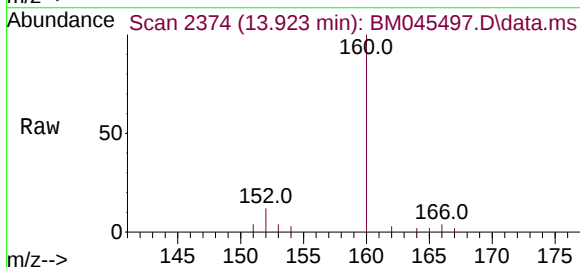
Instrument :
BNA_M
ClientSampleId :
E1CY3

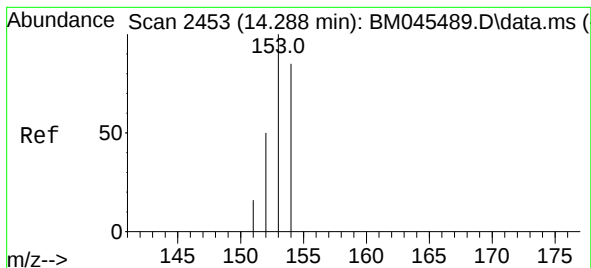
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
141 102.7 76.1 114.1



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.923 min Scan# 2374
Delta R.T. -0.028 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

Tgt Ion:152 Resp: 471
Ion Ratio Lower Upper
152 100
151 34.4 18.6 28.0#
153 29.1 14.1 21.1#





#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.270 min Scan# 2449

Delta R.T. -0.018 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

Instrument :

BNA_M

ClientSampleId :

E1CY3

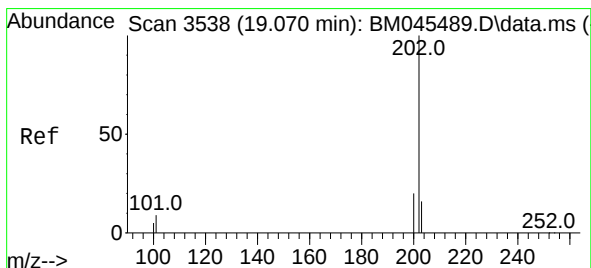
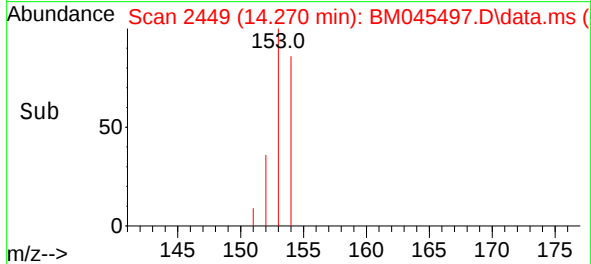
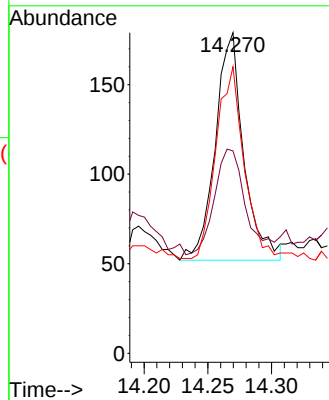
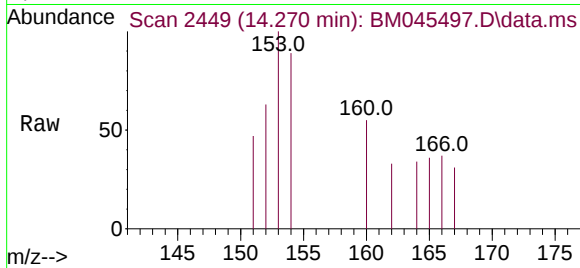
Tgt Ion:153 Resp: 197

Ion Ratio Lower Upper

153 100

152 63.1 43.4 65.2

154 89.4 69.0 103.6



#19

Fluoranthene

Concen: 0.746 ng/ul

RT: 19.038 min Scan# 3531

Delta R.T. -0.032 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

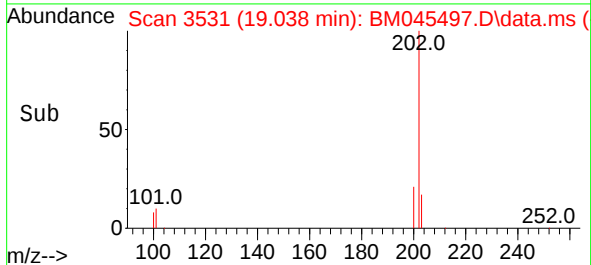
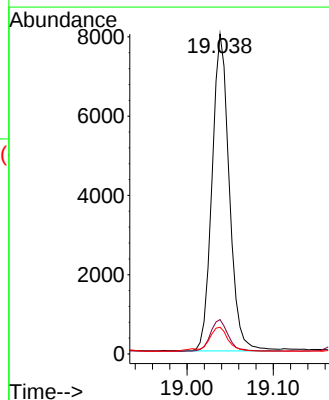
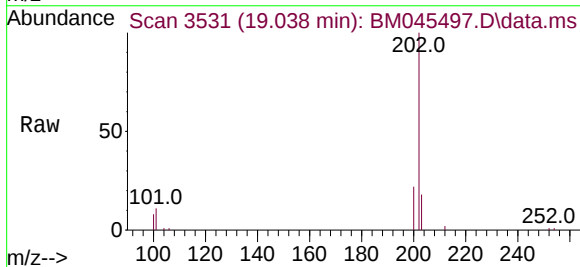
Tgt Ion:202 Resp: 11127

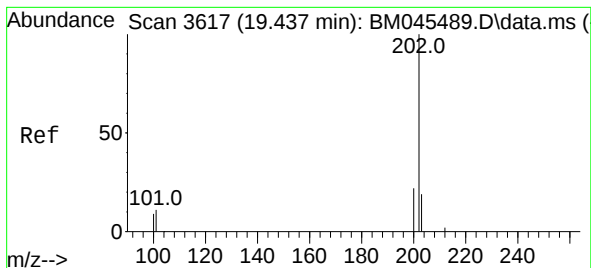
Ion Ratio Lower Upper

202 100

101 10.7 11.2 16.8#

100 8.3 9.1 13.7#





#20

Pyrene

Concen: 0.599 ng/ul

RT: 19.401 min Scan# 3

Delta R.T. -0.037 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

Instrument :

BNA_M

ClientSampleId :

E1CY3

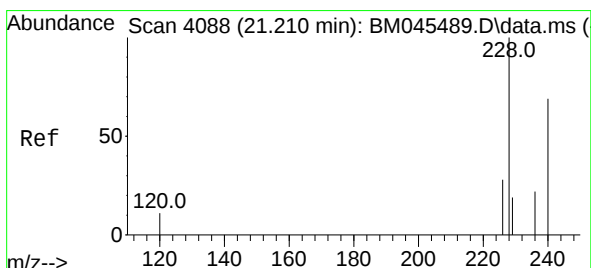
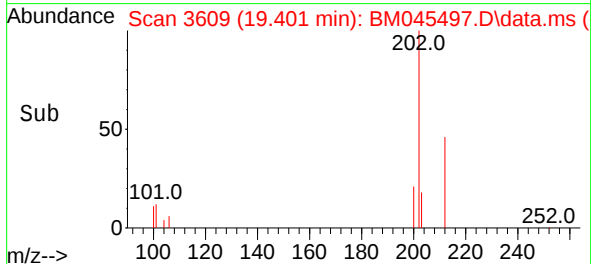
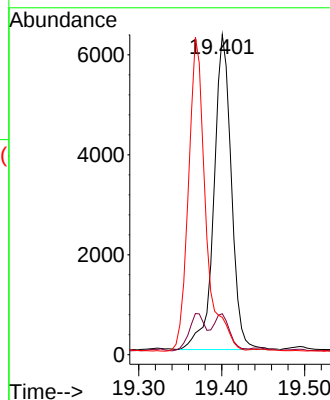
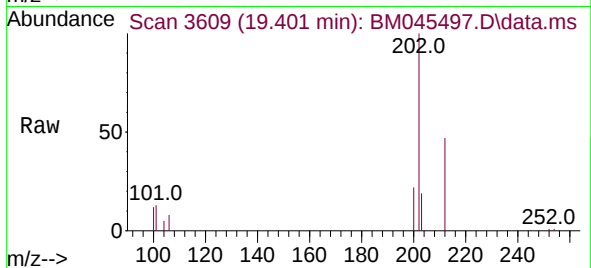
Tgt Ion:202 Resp: 9192

Ion Ratio Lower Upper

202 100

101 12.8 11.5 17.3

100 11.7 10.6 15.8



#21

Benzo(a)anthracene

Concen: 0.444 ng/ul

RT: 21.176 min Scan# 4076

Delta R.T. -0.035 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

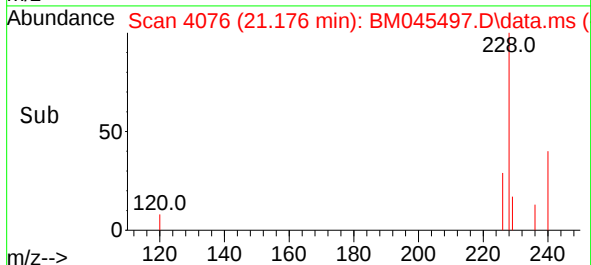
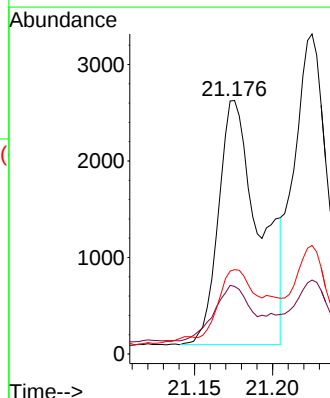
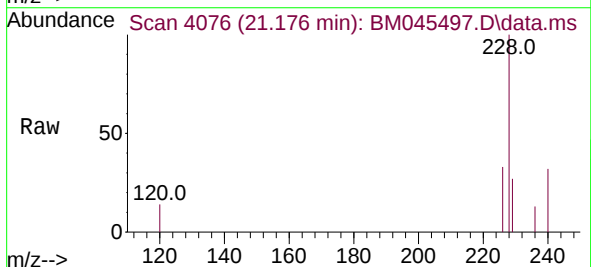
Tgt Ion:228 Resp: 4591

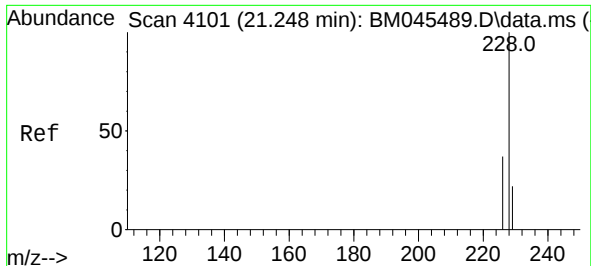
Ion Ratio Lower Upper

228 100

229 26.6 19.4 29.2

226 33.3 26.3 39.5





#22

Chrysene

Concen: 0.299 ng/ul

RT: 21.225 min Scan# 4093

Delta R.T. -0.023 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

Instrument :

BNA_M

ClientSampleId :

E1CY3

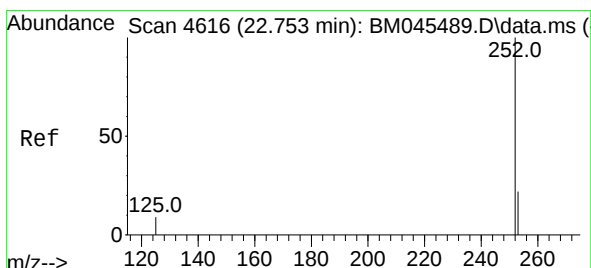
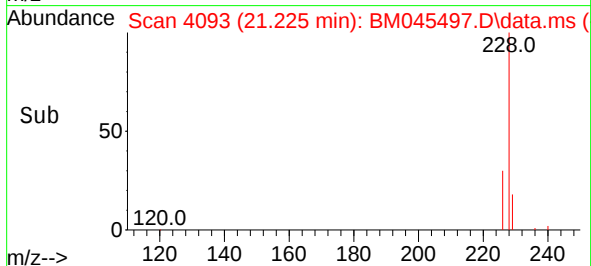
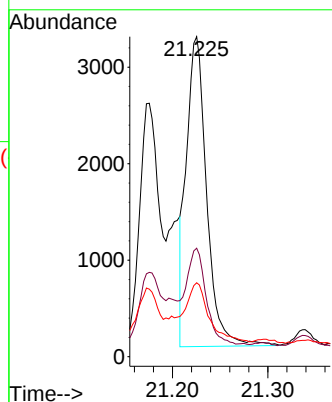
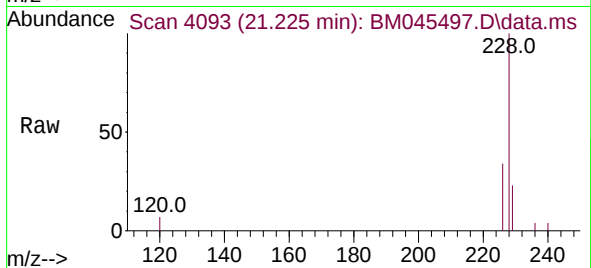
Tgt Ion:228 Resp: 4747

Ion Ratio Lower Upper

228 100

226 33.9 26.3 39.5

229 23.1 17.8 26.8



#24

Benzo(b)fluoranthene

Concen: 0.541 ng/ul

RT: 22.721 min Scan# 4605

Delta R.T. -0.032 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

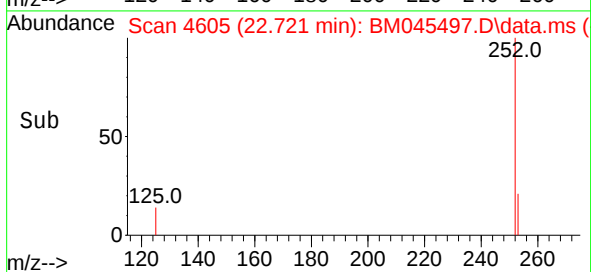
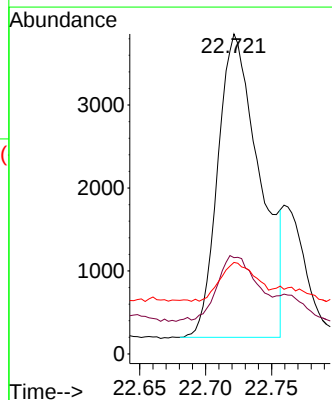
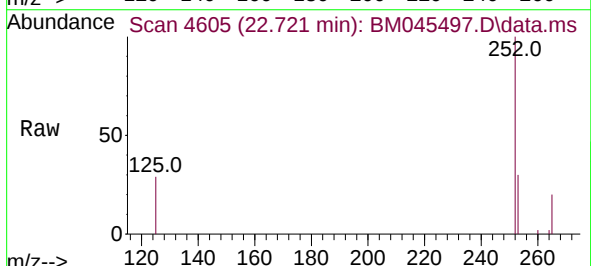
Tgt Ion:252 Resp: 8051

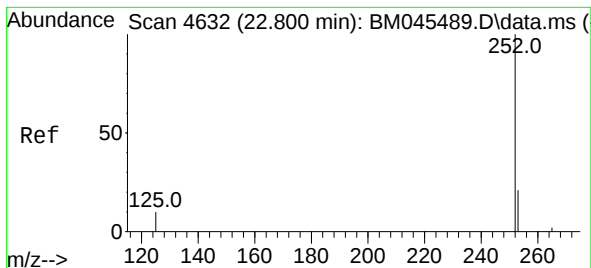
Ion Ratio Lower Upper

252 100

253 30.1 0.0 63.4

125 28.6 0.0 36.8





#25

Benzo(k)fluoranthene

Concen: 0.532 ng/ul

RT: 22.721 min Scan# 4

Delta R.T. -0.079 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

Instrument :

BNA_M

ClientSampleId :

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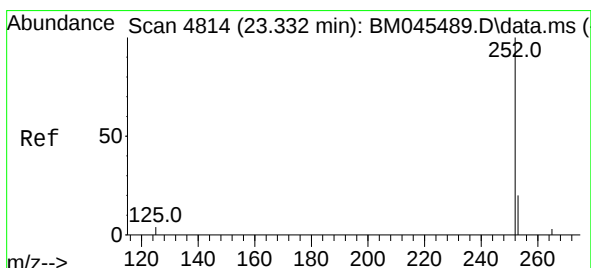
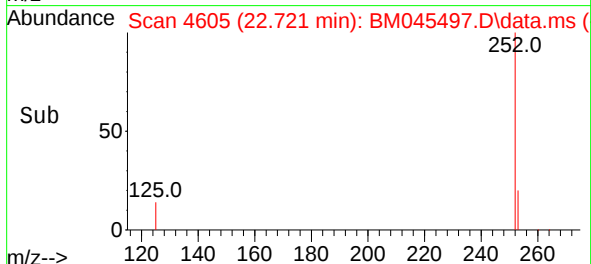
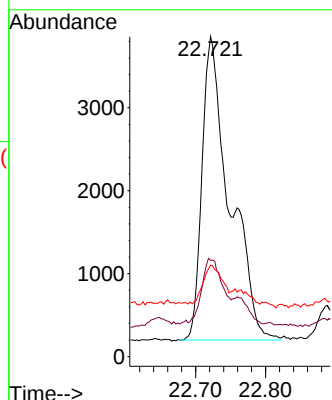
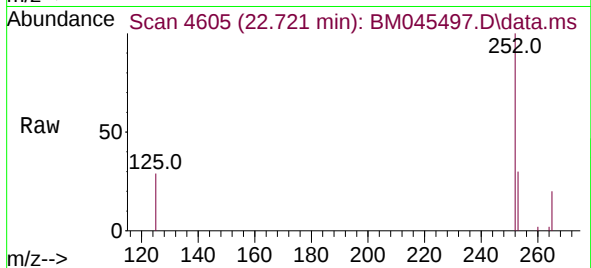
Tgt Ion:252 Resp: 10014

Ion Ratio Lower Upper

252 100

253 30.1 25.4 38.0

125 28.6 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.237 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. -0.058 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

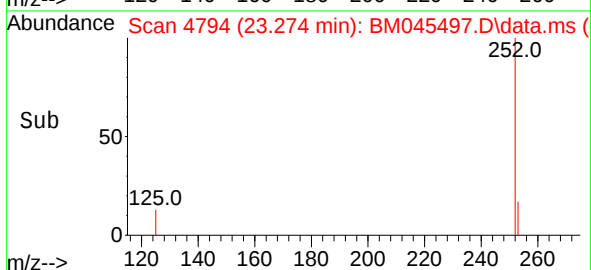
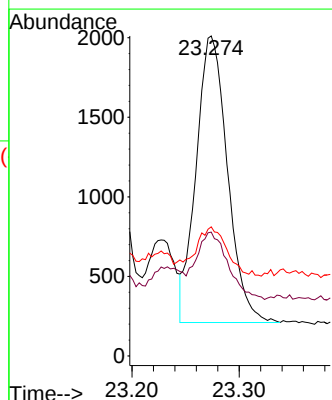
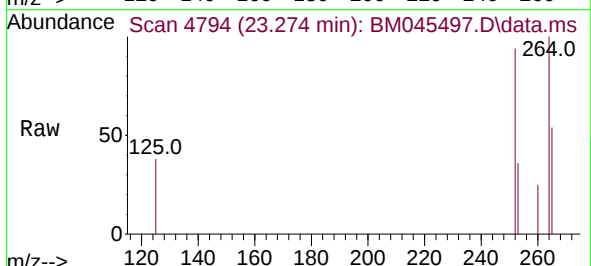
Tgt Ion:252 Resp: 3662

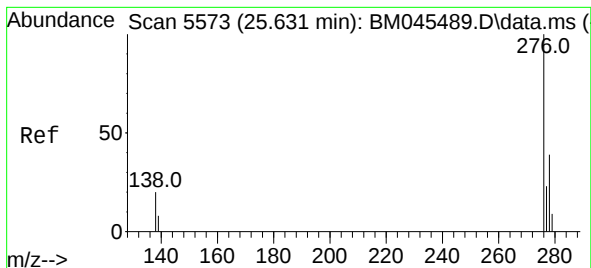
Ion Ratio Lower Upper

252 100

253 38.7 31.6 47.4

125 40.4 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.174 ng/ul

RT: 25.572 min Scan# 5555

Delta R.T. -0.060 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

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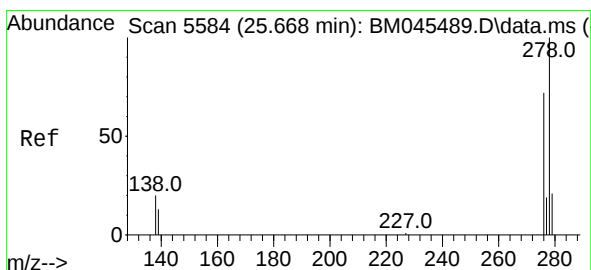
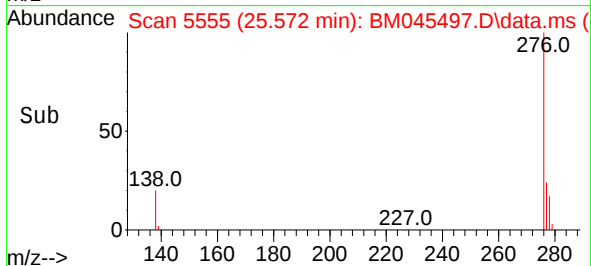
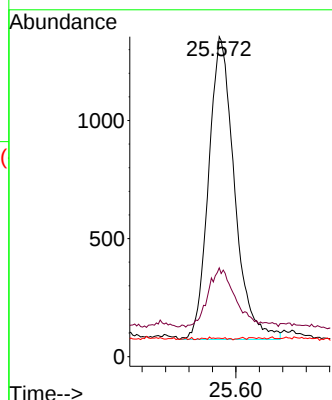
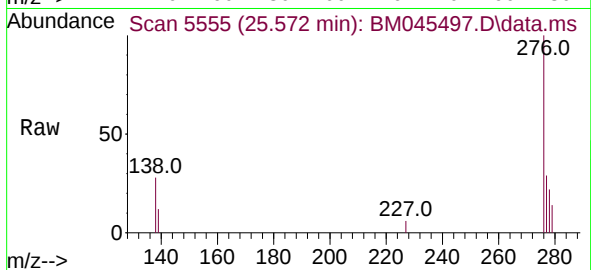
Tgt Ion:276 Resp: 3912

Ion Ratio Lower Upper

276 100

138 21.9 19.8 29.6

227 0.5 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.052 ng/ul

RT: 25.588 min Scan# 5560

Delta R.T. -0.080 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

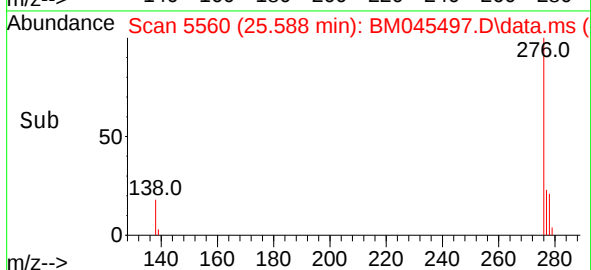
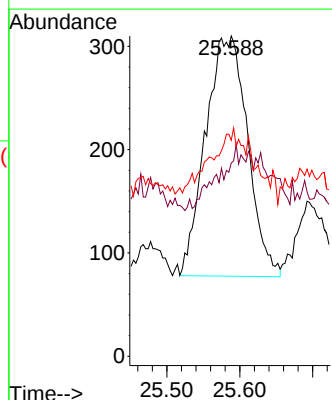
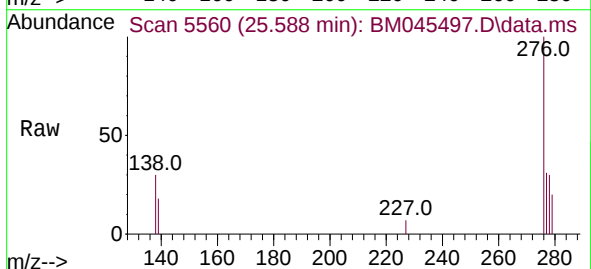
Tgt Ion:278 Resp: 930

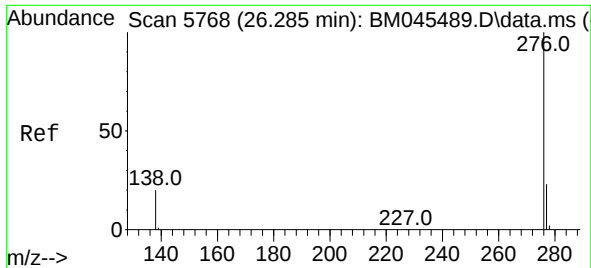
Ion Ratio Lower Upper

278 100

139 60.3 19.0 28.6#

279 67.4 29.4 44.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.222 ng/ul
 RT: 26.239 min Scan# 51
 Delta R.T. -0.047 min
 Lab File: BM045497.D
 Acq: 23 Apr 2024 02:04

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Tgt Ion:	276	Resp:	4475
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.8	31.2
277	27.2	21.8	32.8

