

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045496.D
 Acq On : 23 Apr 2024 01:28
 Operator : MA/JU
 Sample : P2037-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY5

Quant Time: Apr 23 08:32:07 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)

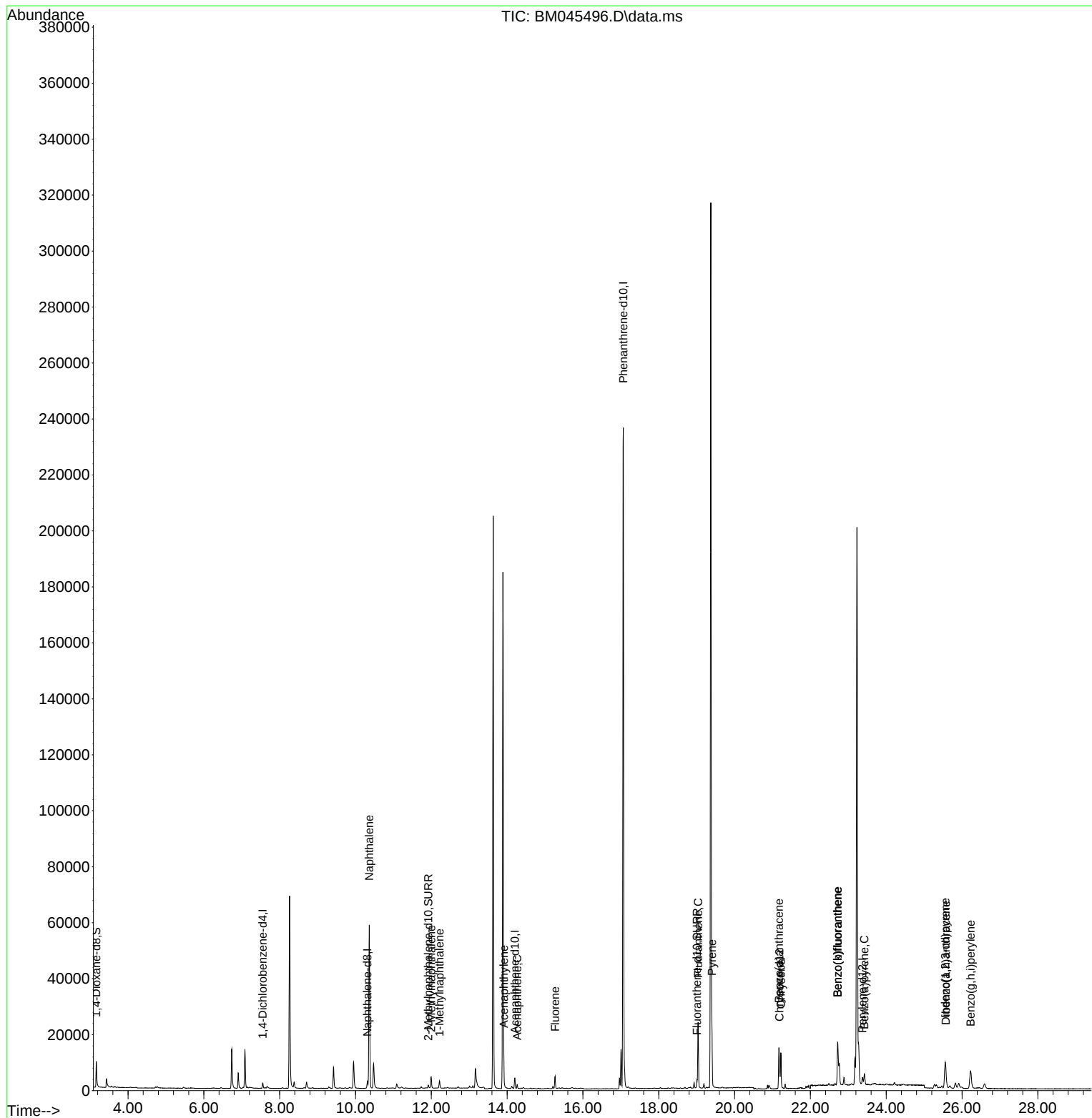
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1049	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3447	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2074	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.064	188	281168	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.184	240	3144	0.400	ng/ul	-0.03
23) Perylene-d12	23.373	264	4333	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	6316	4.492	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	1566	0.344	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	3501	0.354	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.364	128	78824	8.515	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	3110	0.588	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1897	0.320	ng/ul	96
10) Acenaphthylene	13.918	152	1578	0.154	ng/ul	95
11) Acenaphthene	14.265	153	844	0.111	ng/ul	99
12) Fluorene	15.264	166	2873	0.354	ng/ul	99
19) Fluoranthene	19.038	202	20950	1.444	ng/ul#	91
20) Pyrene	19.401	202	18628	1.249	ng/ul#	94
21) Benzo(a)anthracene	21.170	228	12448	1.239	ng/ul	97
22) Chrysene	21.219	228	13181	0.853	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	25509	1.750	ng/ul	90
25) Benzo(k)fluoranthene	22.718	252	34004	1.846	ng/ul#	90
26) Benzo(a)pyrene	23.423	252	3847	0.254	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.558	276	16091	0.732	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.575	278	3720	0.213	ng/ul	95
29) Benzo(g,h,i)perylene	26.229	276	14220	0.720	ng/ul	94

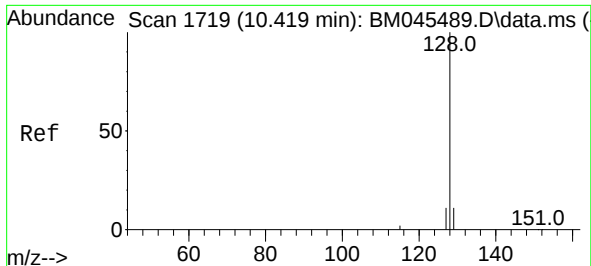
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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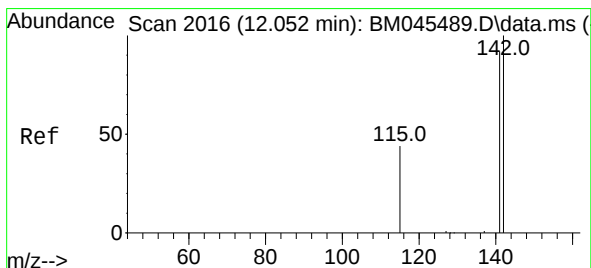
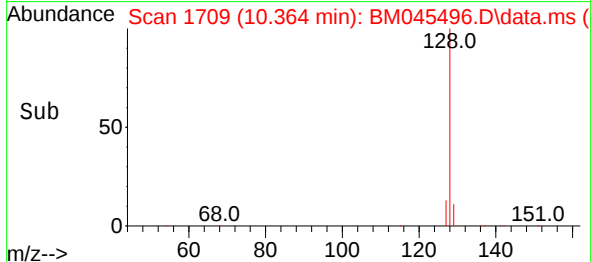
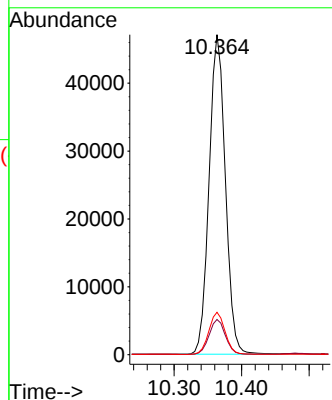
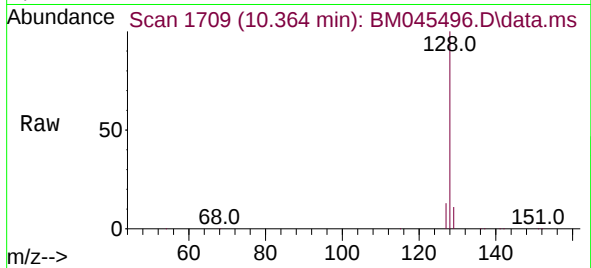




#5
Naphthalene
Concen: 8.515 ng/ul
RT: 10.364 min Scan# 1
Delta R.T. -0.055 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

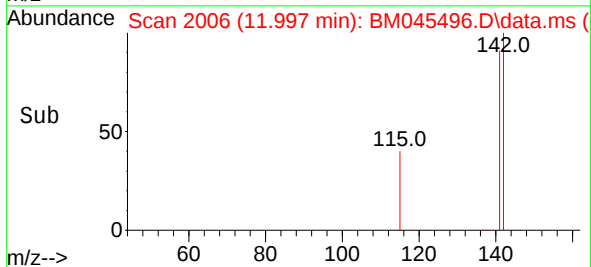
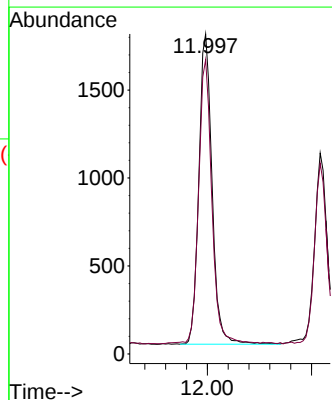
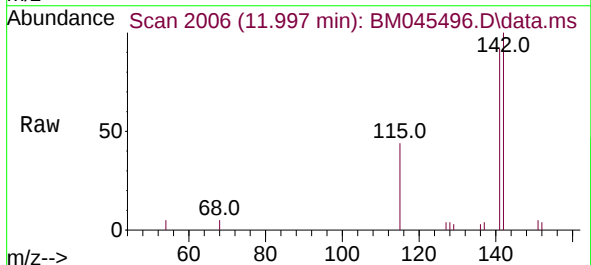
Instrument :
BNA_M
ClientSampleId :
E1CY5

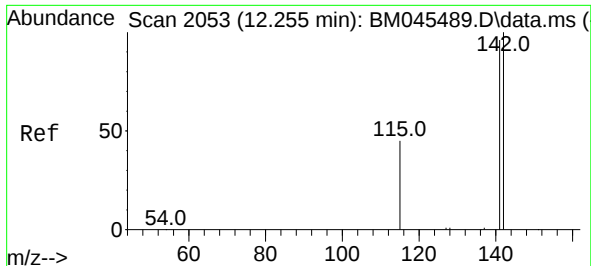
Tgt Ion:128 Resp: 78824
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0#
127 13.2 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 0.588 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.055 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:142 Resp: 3110
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8

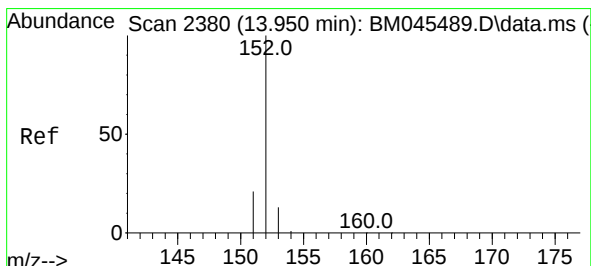
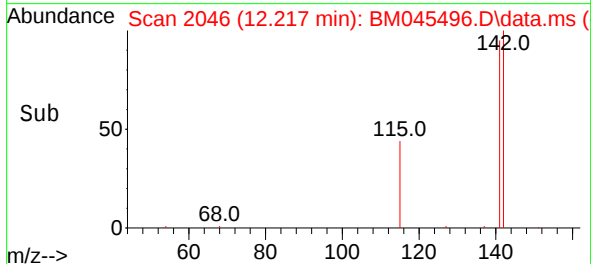
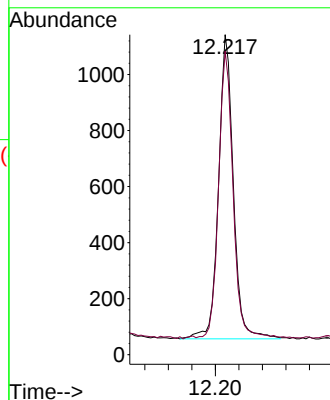
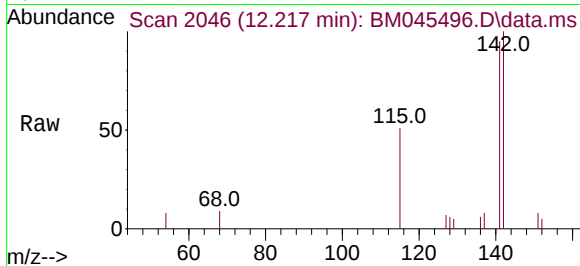




#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.038 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

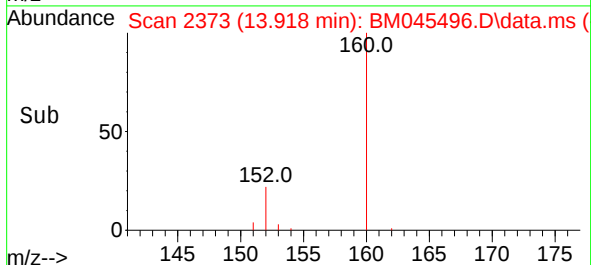
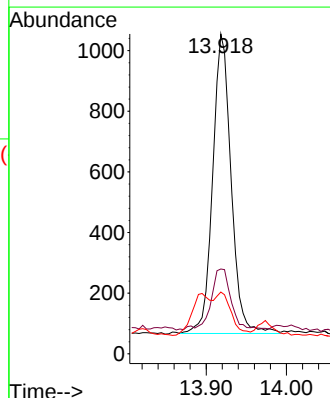
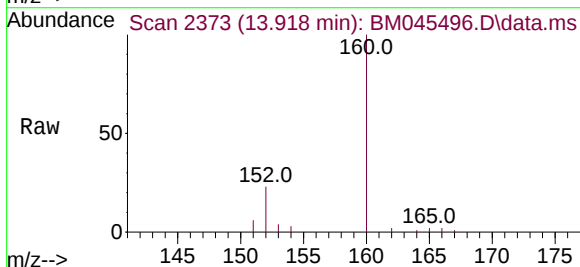
Instrument :
BNA_M
ClientSampleId :
E1CY5

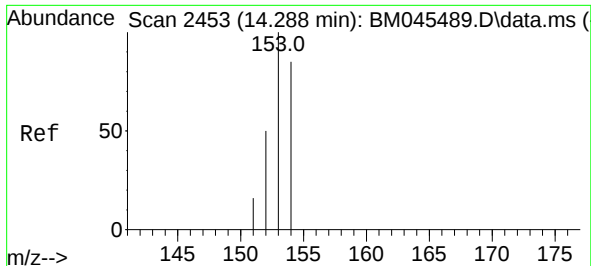
Tgt Ion:142 Resp: 1897
Ion Ratio Lower Upper
142 100
141 91.2 76.1 114.1



#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.032 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:152 Resp: 1578
Ion Ratio Lower Upper
152 100
151 26.5 18.6 28.0
153 19.3 14.1 21.1

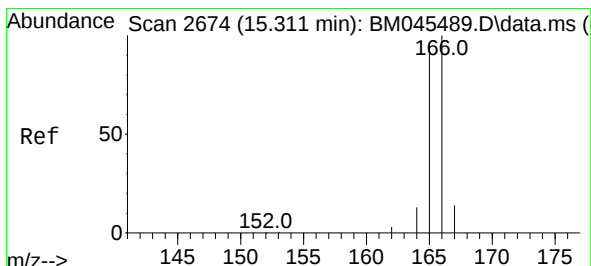
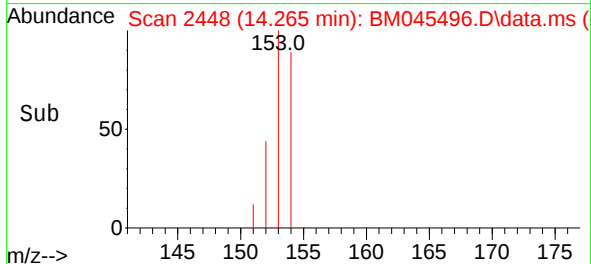
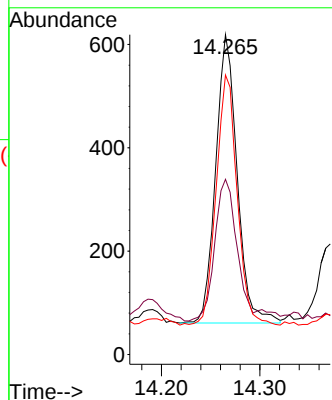
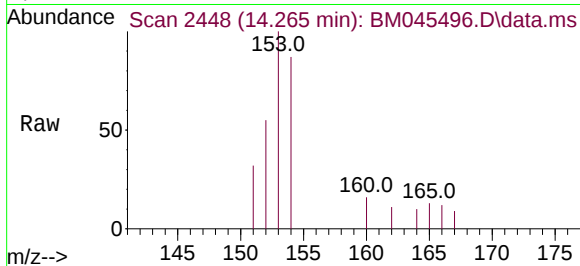




#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.265 min Scan# 2453
Delta R.T. -0.023 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

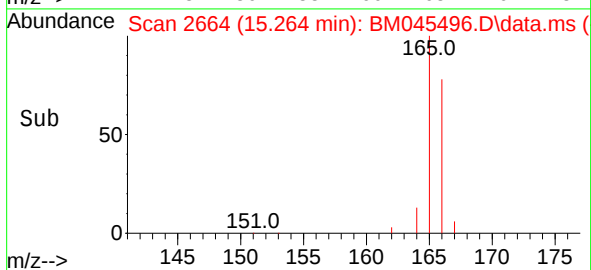
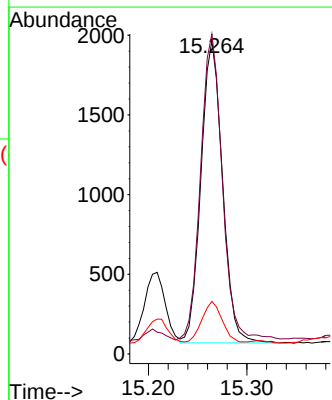
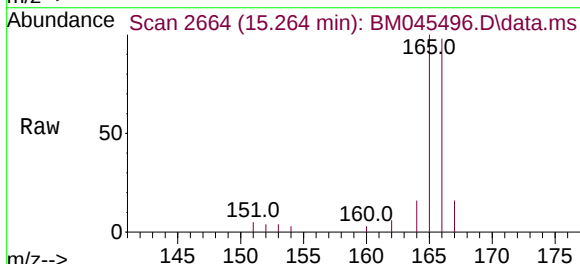
Instrument :
BNA_M
ClientSampleId :
E1CY5

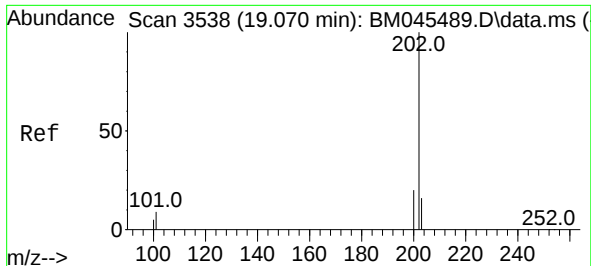
Tgt Ion:153 Resp: 844
Ion Ratio Lower Upper
153 100
152 54.8 43.4 65.2
154 87.4 69.0 103.6



#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.264 min Scan# 2664
Delta R.T. -0.046 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:166 Resp: 2873
Ion Ratio Lower Upper
166 100
165 102.1 82.2 123.2
167 16.8 14.8 22.2





#19

Fluoranthene

Concen: 1.444 ng/ul

RT: 19.038 min Scan# 3099

Delta R.T. -0.032 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

Instrument :

BNA_M

ClientSampleId :

E1CY5

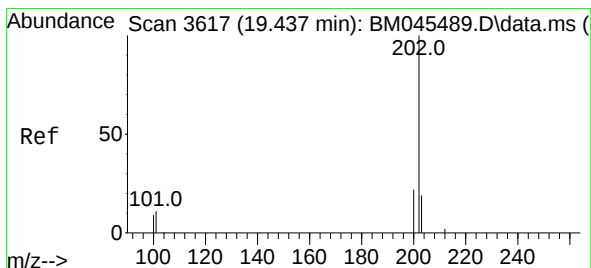
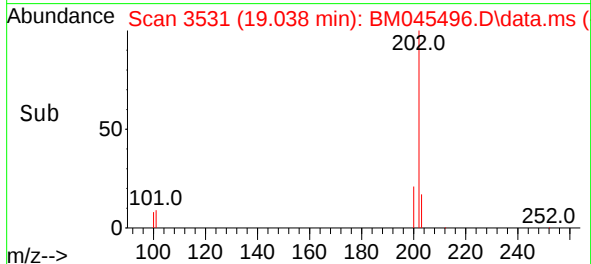
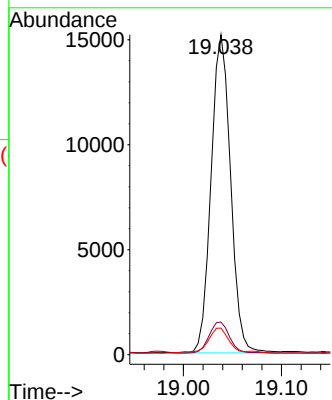
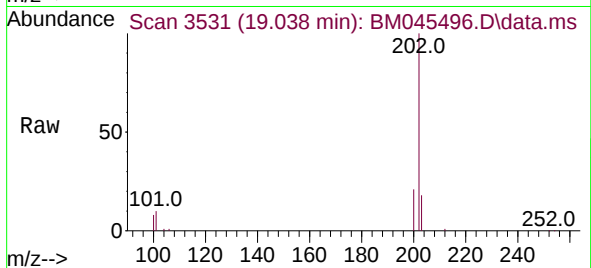
Tgt Ion:202 Resp: 20950

Ion Ratio Lower Upper

202 100

101 10.2 11.2 16.8#

100 8.3 9.1 13.7#



#20

Pyrene

Concen: 1.249 ng/ul

RT: 19.401 min Scan# 3609

Delta R.T. -0.037 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

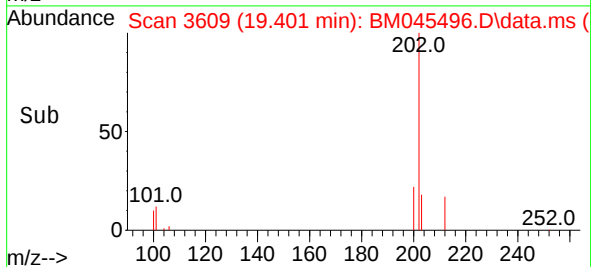
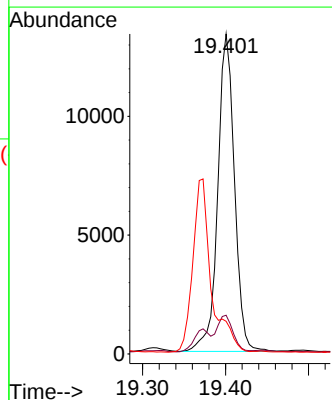
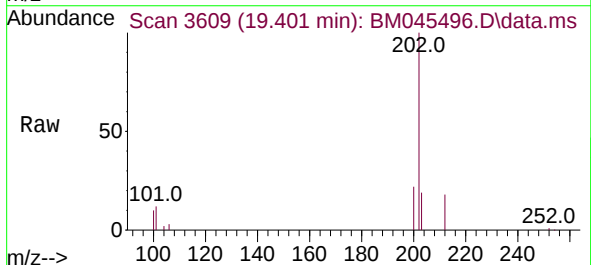
Tgt Ion:202 Resp: 18628

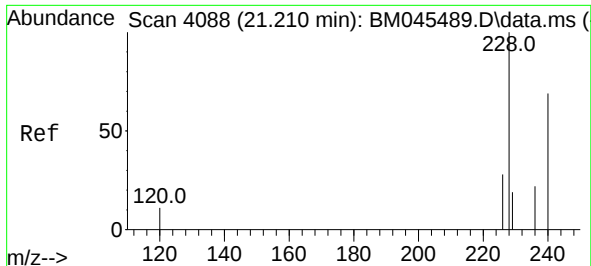
Ion Ratio Lower Upper

202 100

101 12.1 11.5 17.3

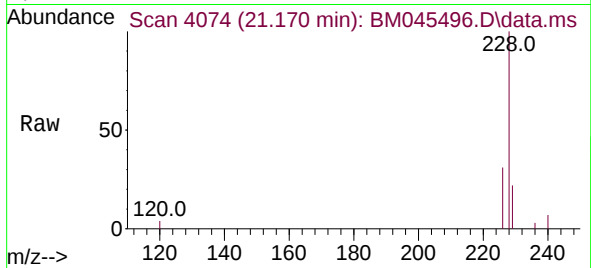
100 10.2 10.6 15.8#



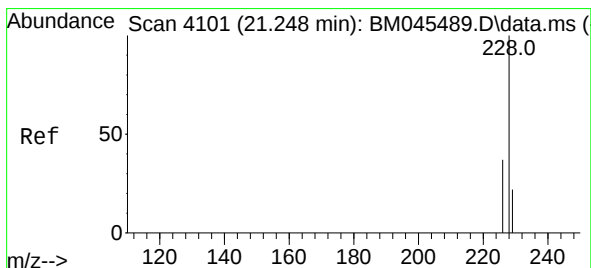
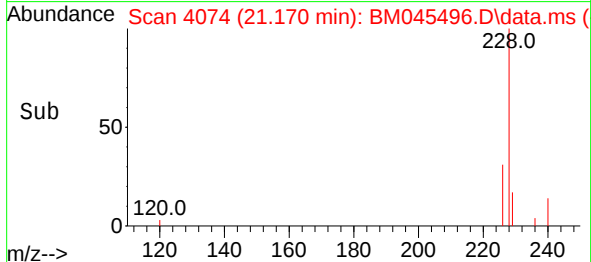
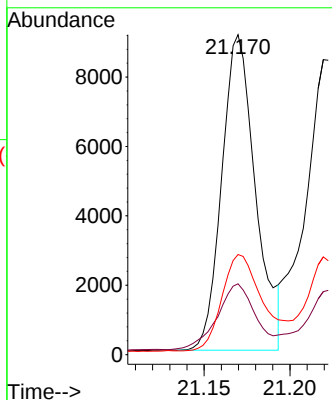


#21
Benzo(a)anthracene
Concen: 1.239 ng/ul
RT: 21.170 min Scan# 4074
Delta R.T. -0.040 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Instrument :
BNA_M
ClientSampleId :
E1CY5

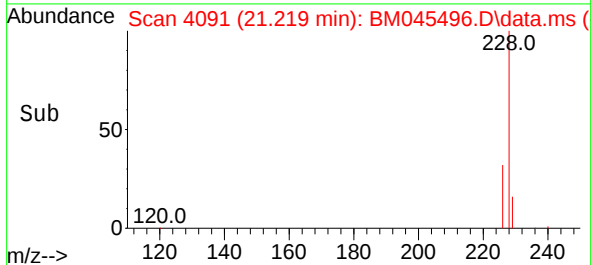
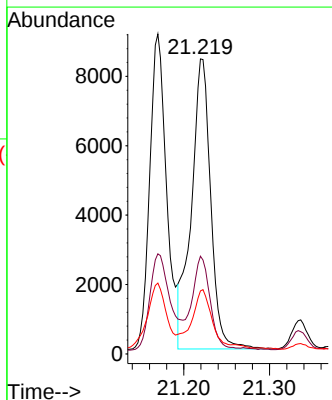
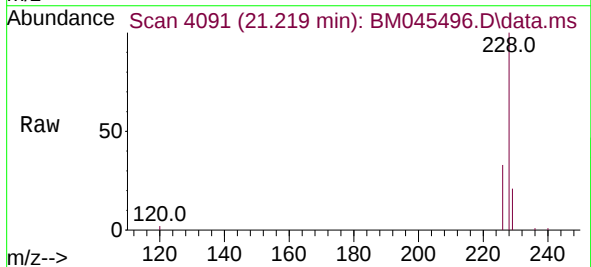


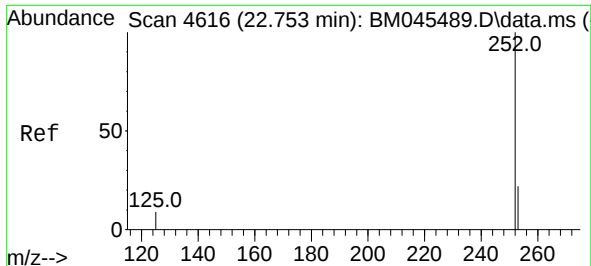
Tgt Ion:228 Resp: 12448
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.2
226 31.3 26.3 39.5



#22
Chrysene
Concen: 0.853 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.029 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:228 Resp: 13181
Ion Ratio Lower Upper
228 100
226 33.1 26.3 39.5
229 21.4 17.8 26.8

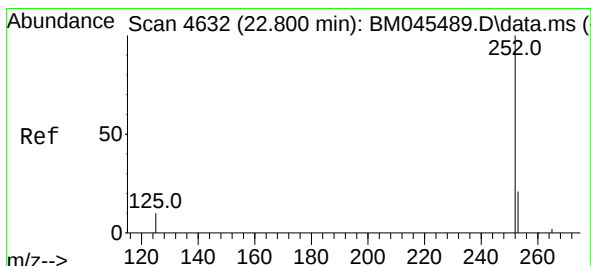
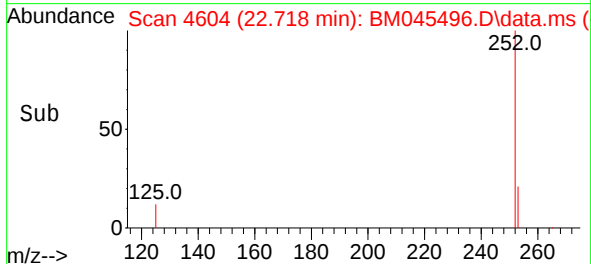
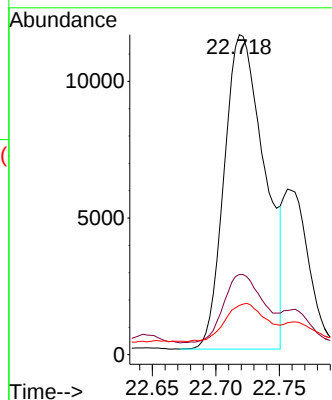
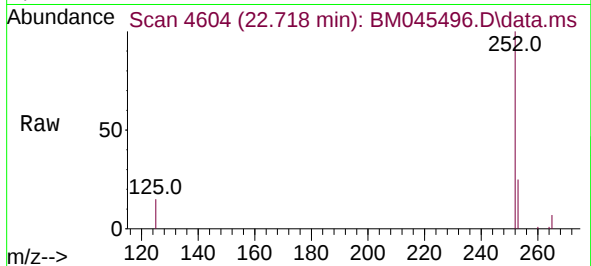




#24
Benzo(b)fluoranthene
Concen: 1.750 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.035 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

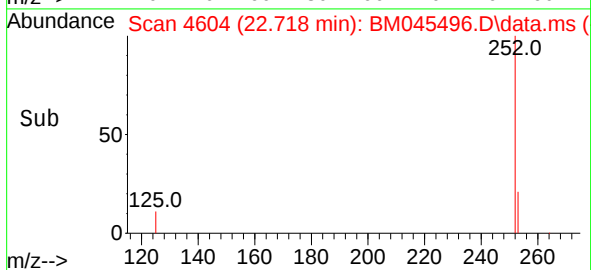
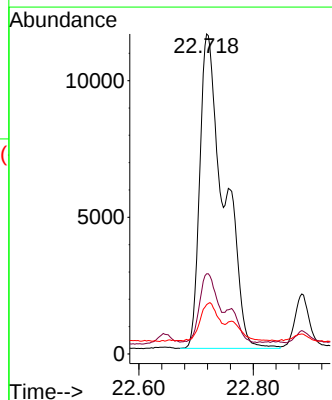
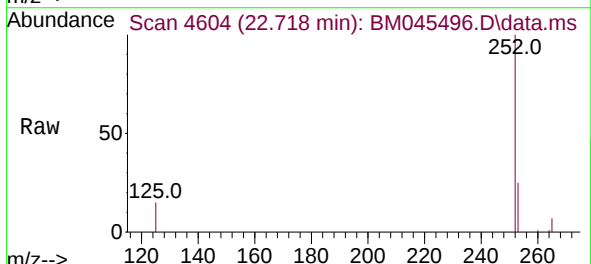
Instrument :
BNA_M
ClientSampleId :
E1CY5

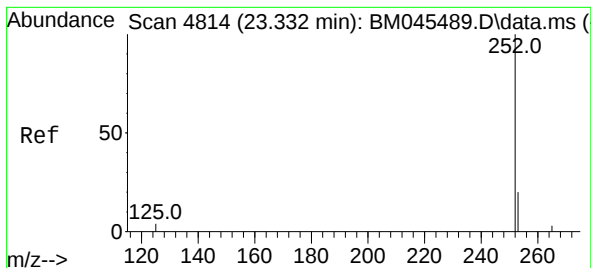
Tgt Ion:252 Resp: 25509
Ion Ratio Lower Upper
252 100
253 25.0 0.0 63.4
125 15.4 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 1.846 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.081 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:252 Resp: 34004
Ion Ratio Lower Upper
252 100
253 25.0 25.4 38.0#
125 15.4 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.254 ng/ul

RT: 23.423 min Scan# 4845

Delta R.T. 0.091 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

Instrument :

BNA_M

ClientSampleId :

E1CY5

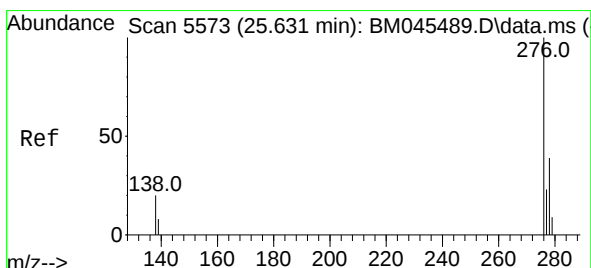
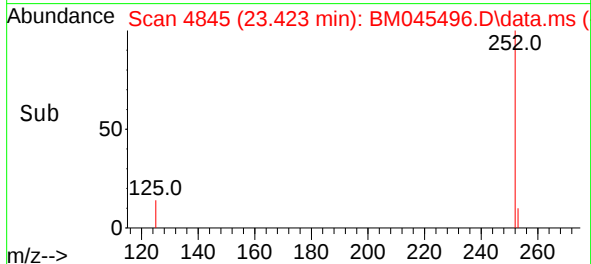
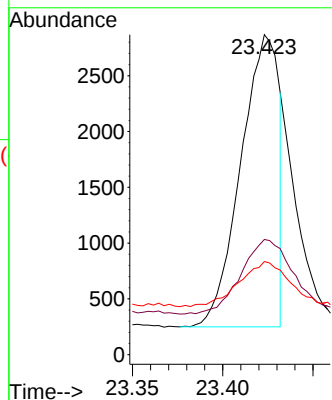
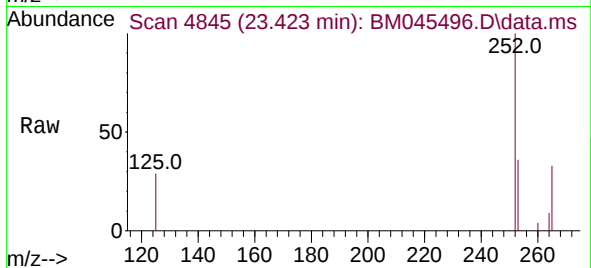
Tgt Ion:252 Resp: 3847

Ion Ratio Lower Upper

252 100

253 36.0 31.6 47.4

125 29.1 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.732 ng/ul

RT: 25.558 min Scan# 5551

Delta R.T. -0.073 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

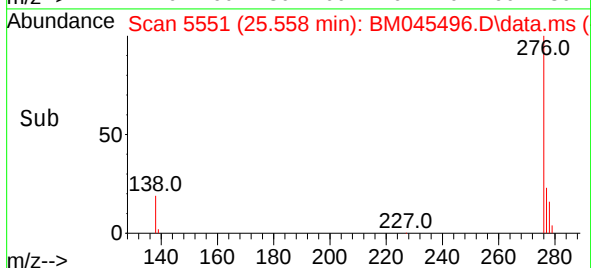
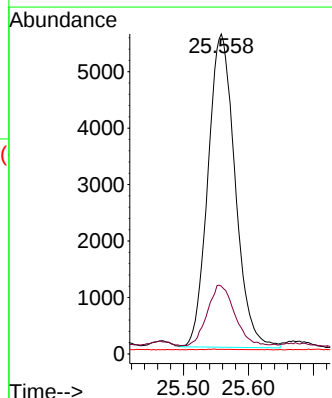
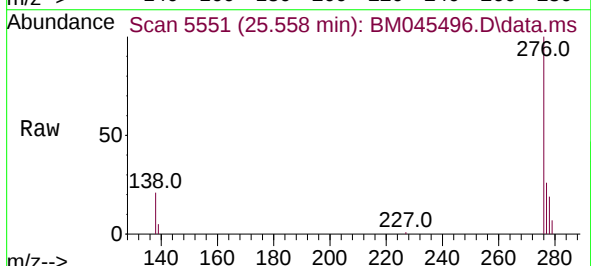
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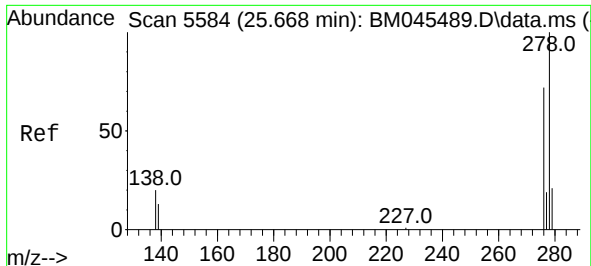
Ion Ratio Lower Upper

276 100

138 19.9 19.8 29.6

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.213 ng/ul

RT: 25.575 min Scan# 51

Delta R.T. -0.093 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

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E1CY5

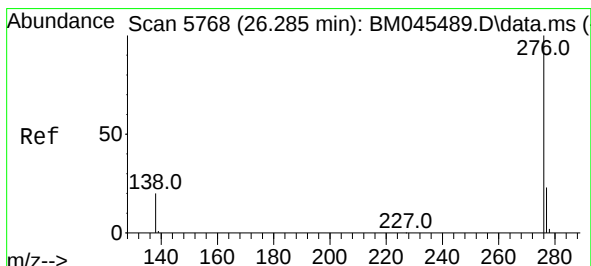
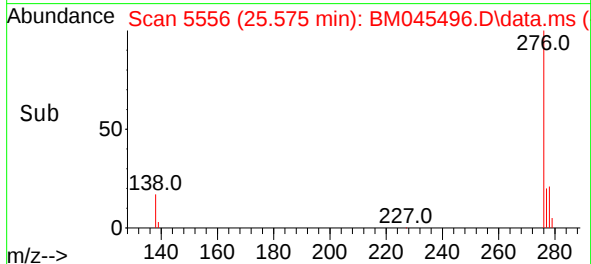
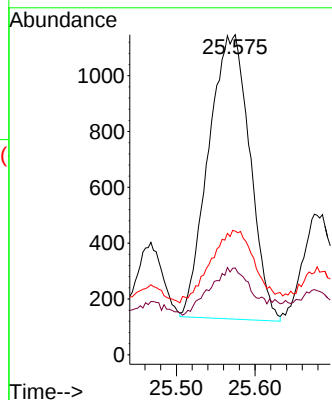
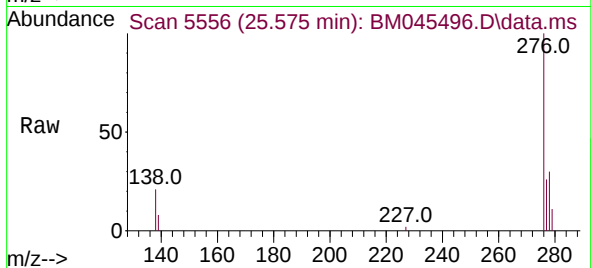
Tgt Ion:278 Resp: 3720

Ion Ratio Lower Upper

278 100

139 27.1 19.0 28.6

279 38.6 29.4 44.2



#29

Benzo(g,h,i)perylene

Concen: 0.720 ng/ul

RT: 26.229 min Scan# 5751

Delta R.T. -0.057 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

Tgt Ion:276 Resp: 14220

Ion Ratio Lower Upper

276 100

138 21.6 20.8 31.2

277 25.2 21.8 32.8

