

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043459.D
 Acq On : 20 Dec 2023 11:40
 Operator : MA/JU
 Sample : 05894-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3N5

Quant Time: Dec 20 23:13:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

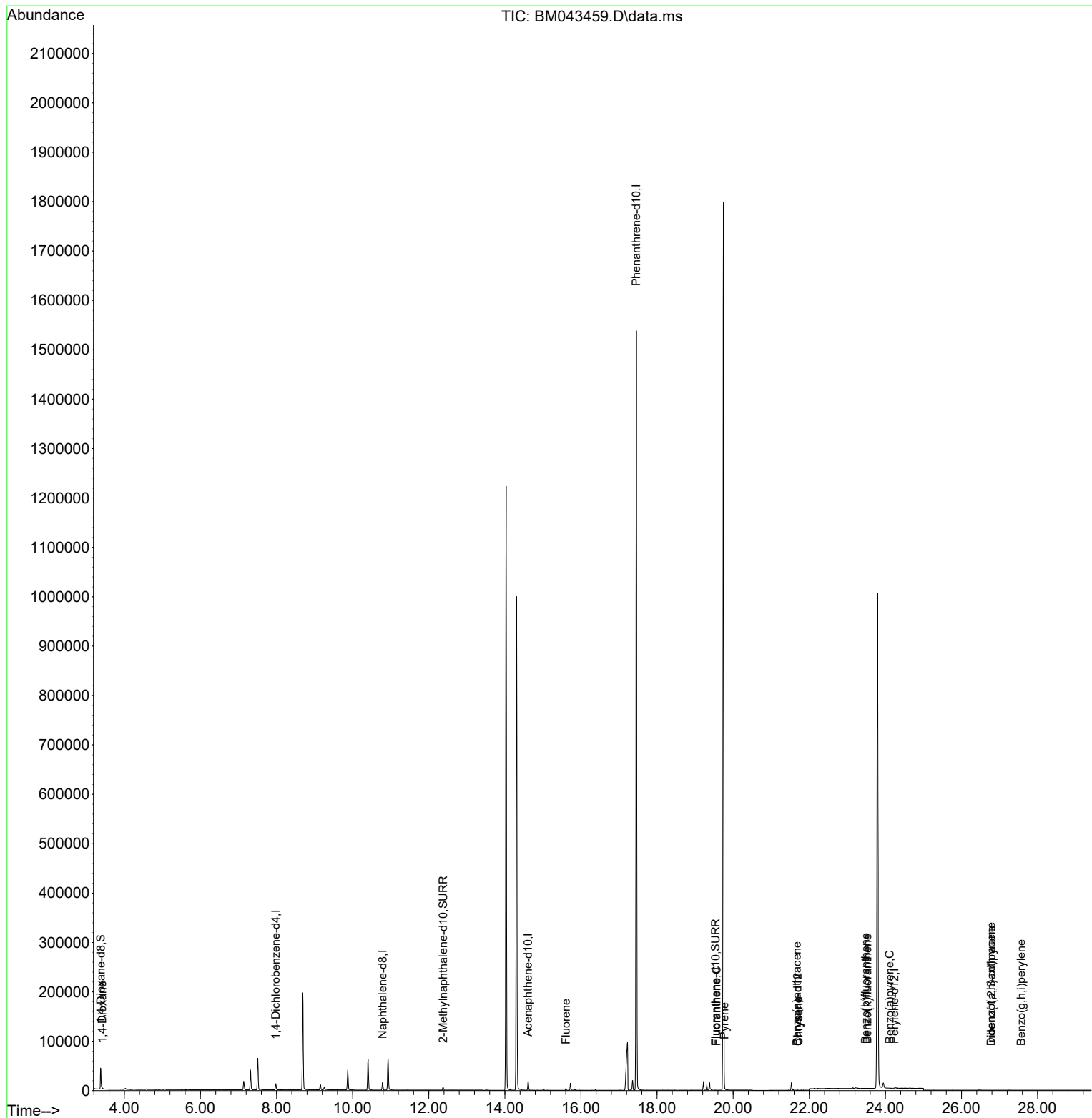
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	6184	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	19541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	10084	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	1620088	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.693	240	13	0.400	ng/ul	# 0.15
23) Perylene-d12	24.234	264	9	0.400	ng/ul	# 0.28
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25663	3.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8175	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.538	212	3	0.065	ng/ul	0.16
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	817	0.104	ng/ul#	56
12) Fluorene	15.605	166	3077	0.067	ng/ul#	13
19) Fluoranthene	19.561	202	16	0.218	ng/ul#	1
20) Pyrene	19.770	202	1175	16.139	ng/ul#	70
21) Benzo(a)anthracene	21.676	228	5	0.088	ng/ul#	1
22) Chrysene	21.720	228	18	0.299	ng/ul#	1
24) Benzo(b)fluoranthene	23.479	252	23	0.563	ng/ul#	1
25) Benzo(k)fluoranthene	23.529	252	20	0.472	ng/ul#	1
26) Benzo(a)pyrene	24.111	252	11	0.326	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.784	276	15	0.391	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.780	278	128	4.209	ng/ul#	1
29) Benzo(g,h,i)perylene	27.565	276	1	0.031	ng/ul#	1

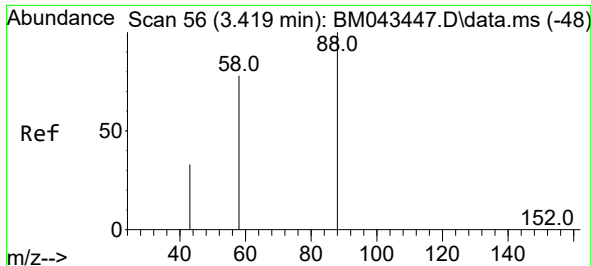
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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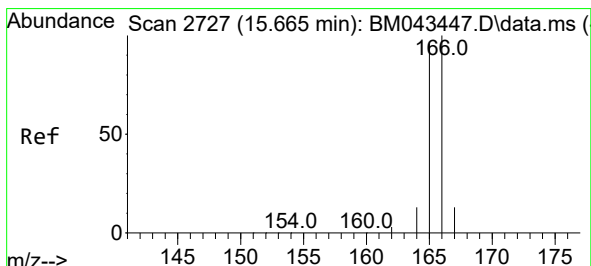
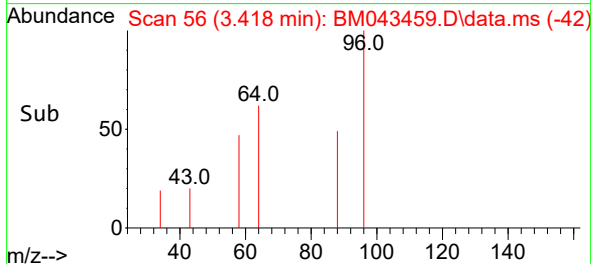
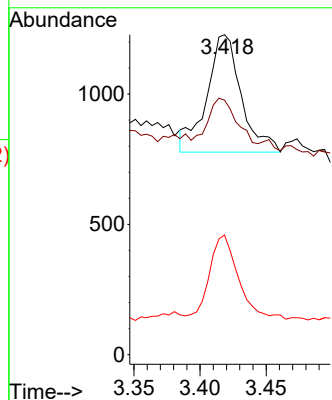
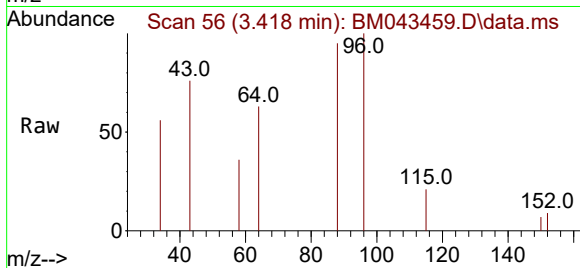




#2
1,4-Dioxane
Concen: 0.104 ng/ul
RT: 3.418 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

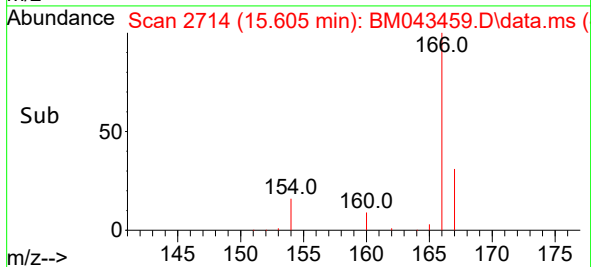
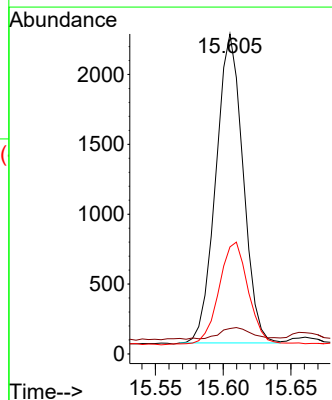
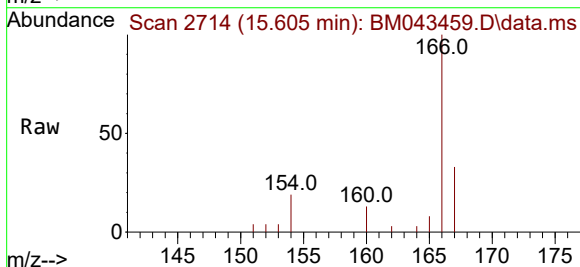
Instrument :
BNA_M
ClientSampleId :
BH3N5

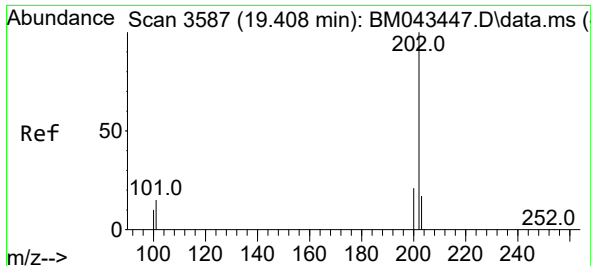
Tgt Ion: 88 Resp: 817
Ion Ratio Lower Upper
88 100
43 79.6 27.9 41.9#
58 37.4 43.4 65.2#



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.605 min Scan# 2714
Delta R.T. -0.060 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Tgt Ion: 166 Resp: 3077
Ion Ratio Lower Upper
166 100
165 7.9 80.3 120.5#
167 33.4 10.8 16.2#

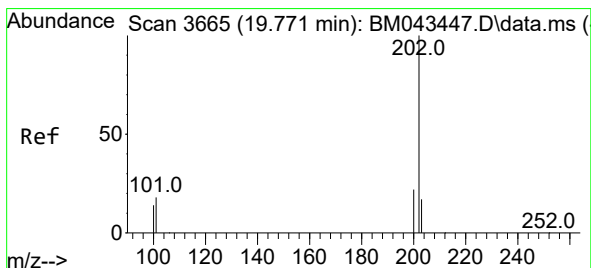
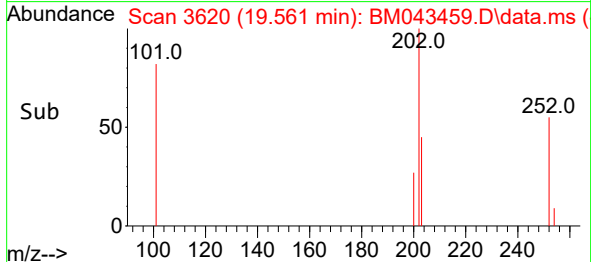
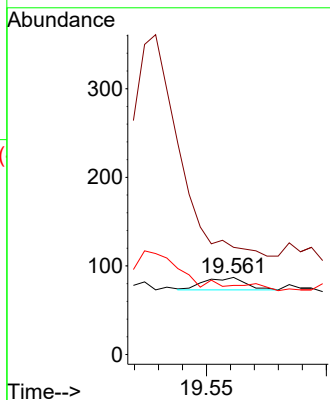
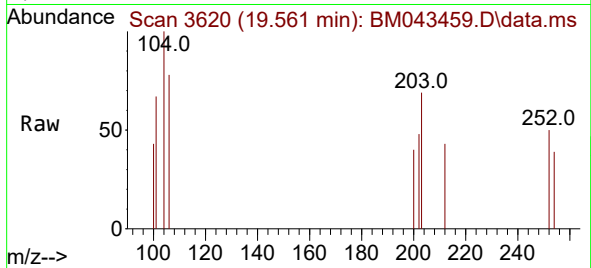




#19
Fluoranthene
Concen: 0.218 ng/ul
RT: 19.561 min Scan# 30
Delta R.T. 0.149 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

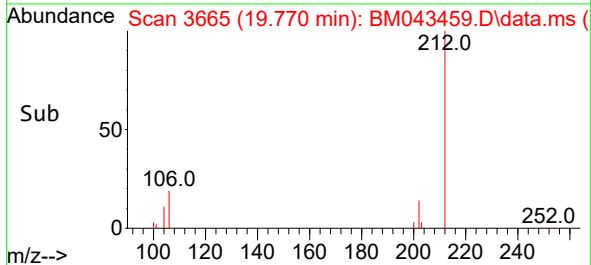
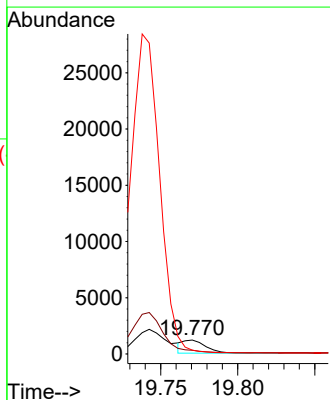
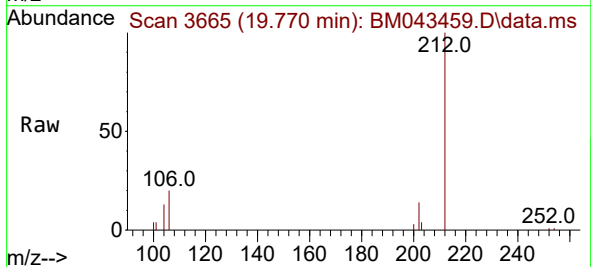
Instrument :
BNA_M
ClientSampleId :
BH3N5

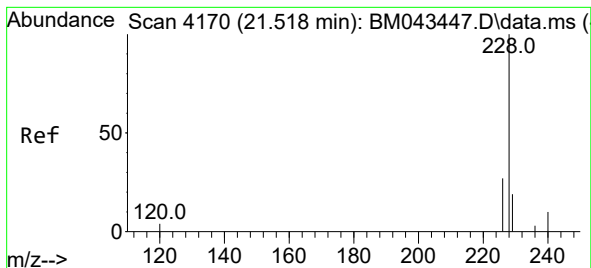
Tgt Ion:202 Resp: 16
Ion Ratio Lower Upper
202 100
101 139.1 10.1 15.1#
100 89.7 7.4 11.2#



#20
Pyrene
Concen: 16.139 ng/ul
RT: 19.770 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Tgt Ion:202 Resp: 1175
Ion Ratio Lower Upper
202 100
101 25.9 12.7 19.1#
100 27.2 9.8 14.8#





#21

Benzo(a)anthracene

Concen: 0.088 ng/ul

RT: 21.676 min Scan# 4170

Delta R.T. 0.155 min

Lab File: BM043459.D

Acq: 20 Dec 2023 11:40

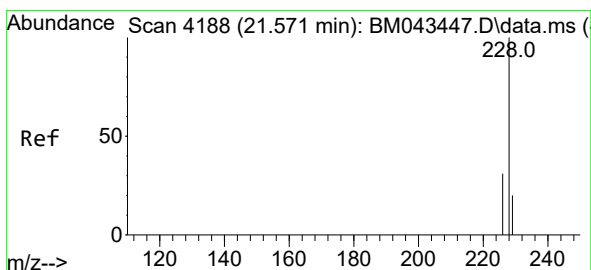
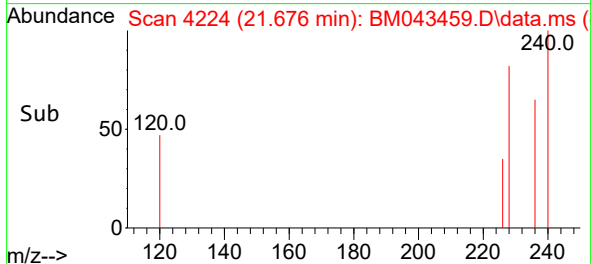
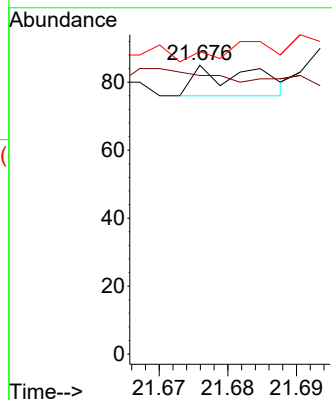
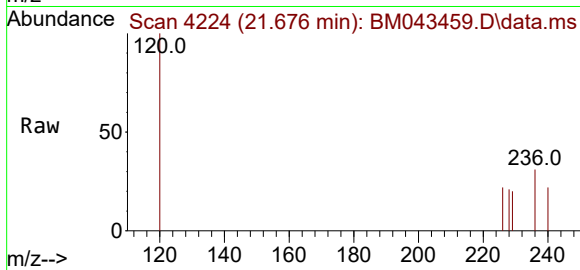
Instrument :

BNA_M

ClientSampleId :

BH3N5

Tgt Ion:228	Resp:	5
Ion	Ratio	Lower Upper
228	100	
229	96.5	15.5 23.3#
226	104.7	22.6 34.0#



#22

Chrysene

Concen: 0.299 ng/ul

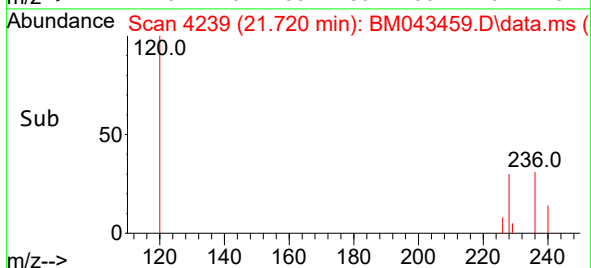
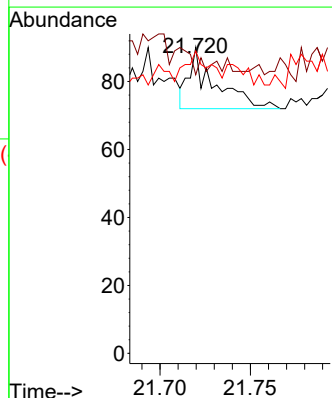
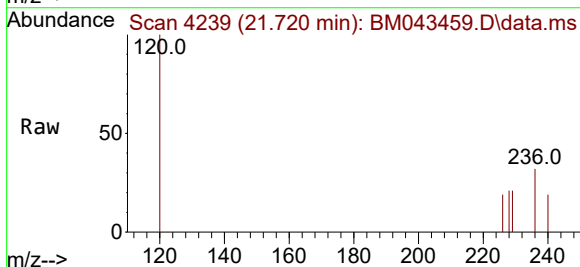
RT: 21.720 min Scan# 4239

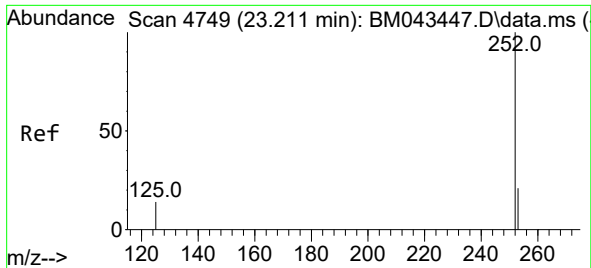
Delta R.T. 0.146 min

Lab File: BM043459.D

Acq: 20 Dec 2023 11:40

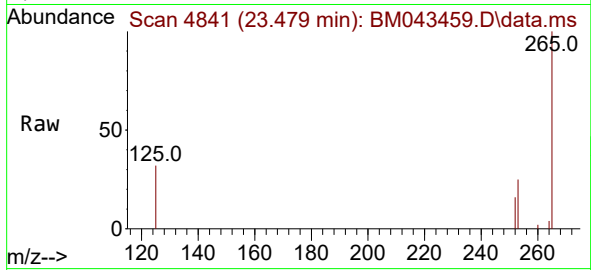
Tgt Ion:228	Resp:	18
Ion	Ratio	Lower Upper
228	100	
226	91.1	24.8 37.2#
229	98.9	15.7 23.5#



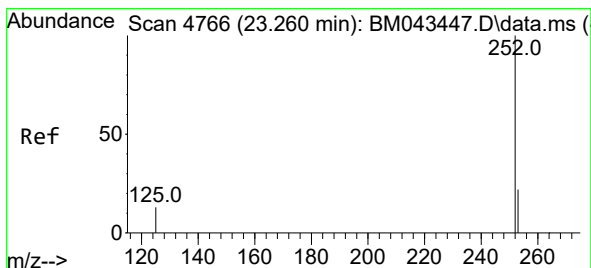
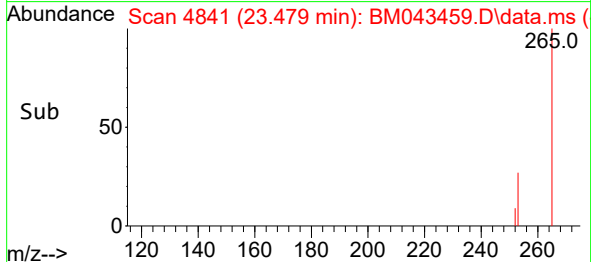
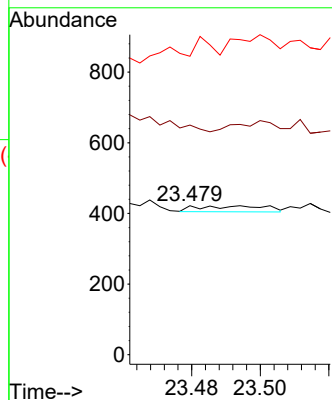


#24
Benzo(b)fluoranthene
Concen: 0.563 ng/ul
RT: 23.479 min Scan# 4841
Delta R.T. 0.263 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Instrument :
BNA_M
ClientSampleId :
BH3N5

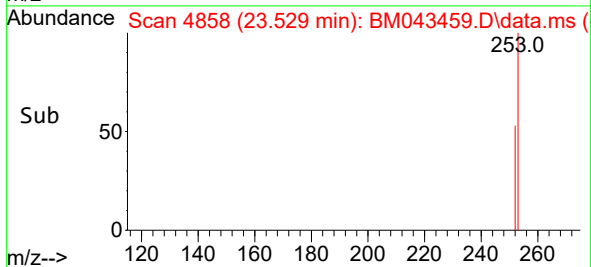
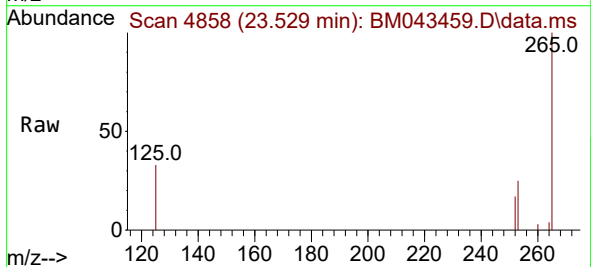
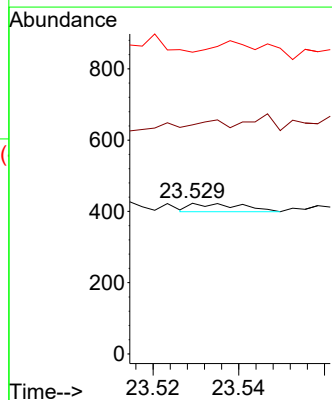


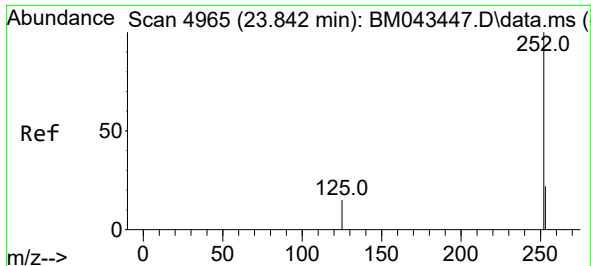
Tgt Ion:252 Resp: 23
Ion Ratio Lower Upper
252 100
253 154.0 0.0 48.8#
125 200.2 0.0 29.2#



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.529 min Scan# 4858
Delta R.T. 0.263 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Tgt Ion:252 Resp: 20
Ion Ratio Lower Upper
252 100
253 152.0 18.6 28.0#
125 200.2 11.8 17.8#

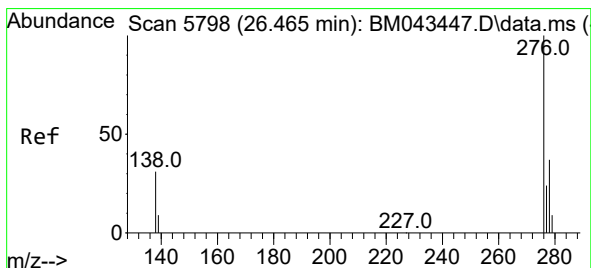
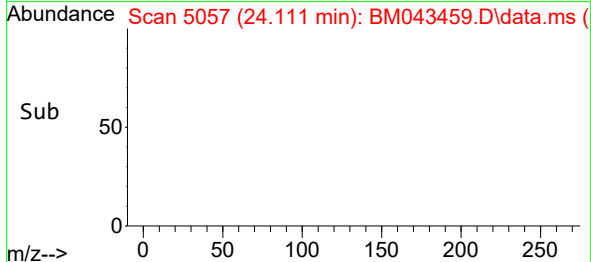
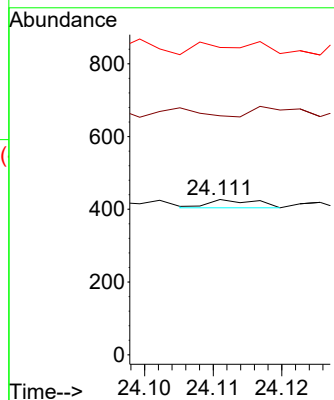
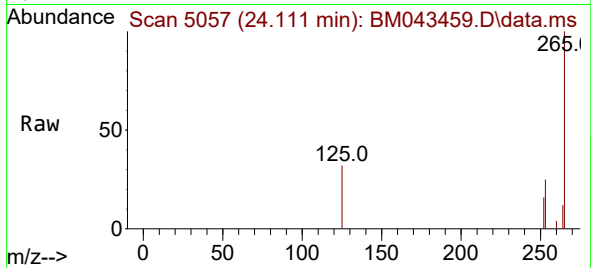




#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 24.111 min Scan# 5057
Delta R.T. 0.263 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

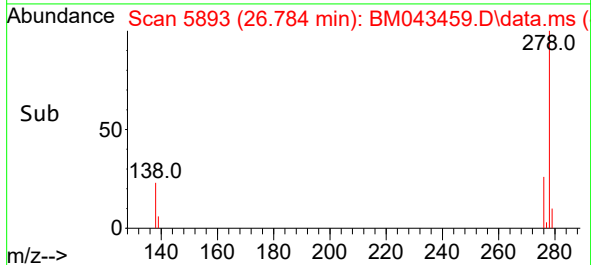
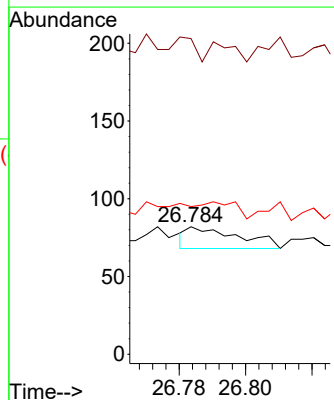
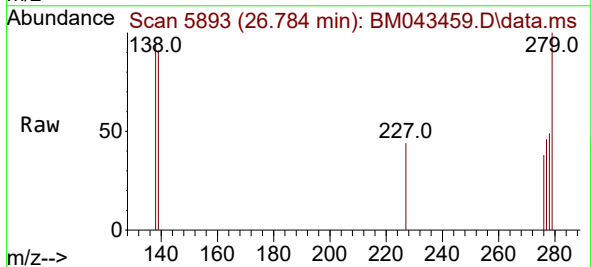
Instrument :
BNA_M
ClientSampleId :
BH3N5

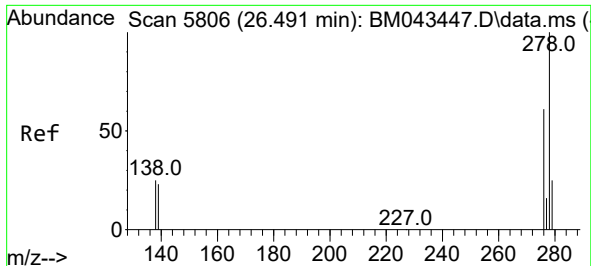
Tgt Ion:252 Resp: 11
Ion Ratio Lower Upper
252 100
253 153.9 20.2 30.2#
125 197.9 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.784 min Scan# 5893
Delta R.T. 0.308 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Tgt Ion:276 Resp: 15
Ion Ratio Lower Upper
276 100
138 46.7 24.6 36.8#
227 0.0 0.0 0.0

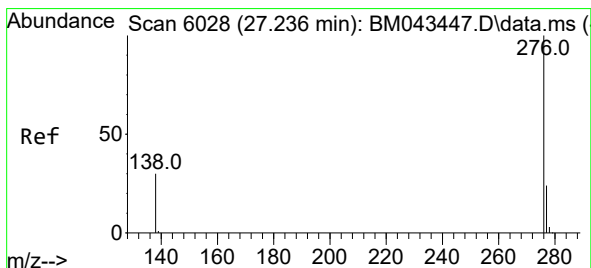
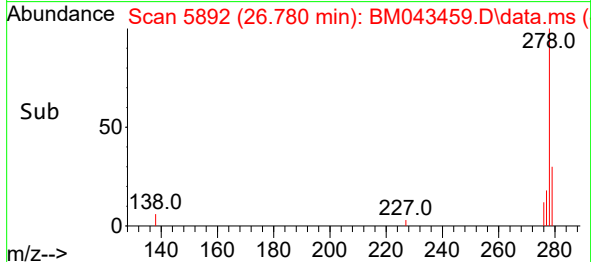
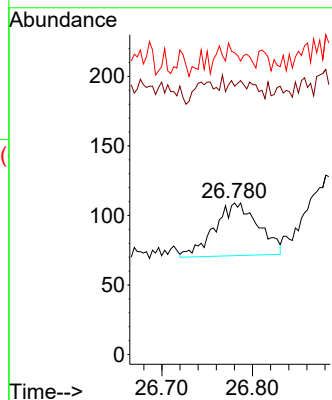
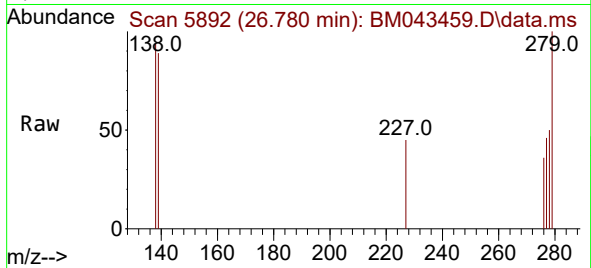




#28
Dibenzo(a,h)anthracene
Concen: 4.209 ng/ul
RT: 26.780 min Scan# 5892
Delta R.T. 0.282 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Instrument :
BNA_M
ClientSampleId :
BH3N5

Tgt Ion:278 Resp: 128
Ion Ratio Lower Upper
278 100
139 177.1 17.4 26.2#
279 199.1 20.9 31.3#



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.565 min Scan# 6126
Delta R.T. 0.322 min
Lab File: BM043459.D
Acq: 20 Dec 2023 11:40

Tgt Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 281.7 23.1 34.7#
277 136.6 19.4 29.0#

