

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Quant Time: Dec 02 00:07:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

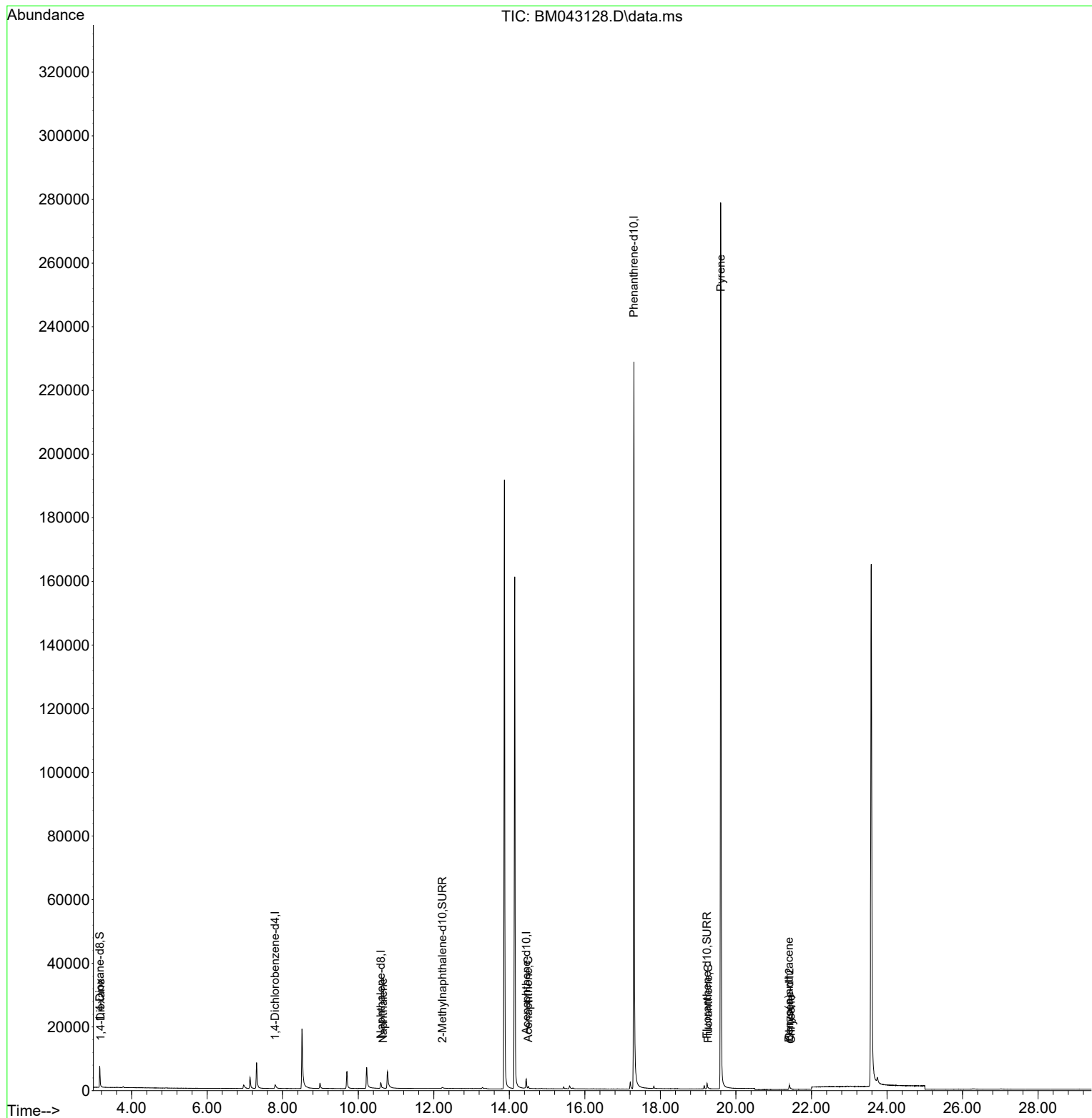
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	1006	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.596	136	2995	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.447	164	1690	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	273467	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.415	240	1306	0.400	ng/ul	0.01
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.75
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	4352	2.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1012	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.235	212	2366	0.497	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	40	0.024	ng/ul#	81
5) Naphthalene	10.656	128	220	0.027	ng/ul#	51
11) Acenaphthene	14.502	153	704	0.108	ng/ul#	31
19) Fluoranthene	19.267	202	174	0.024	ng/ul#	13
20) Pyrene	19.597	202	726	0.092	ng/ul#	1
21) Benzo(a)anthracene	21.406	228	122	0.029	ng/ul#	34
22) Chrysene	21.453	228	164	0.021	ng/ul#	37

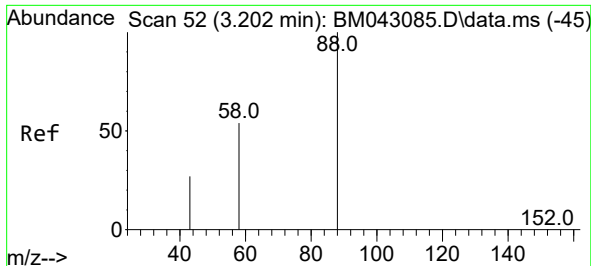
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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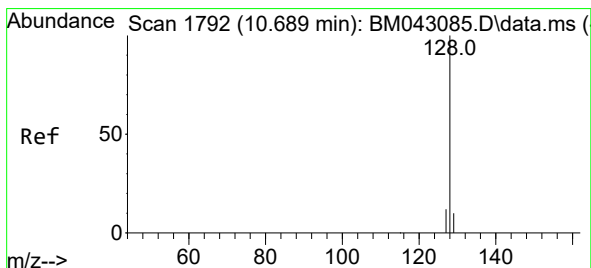
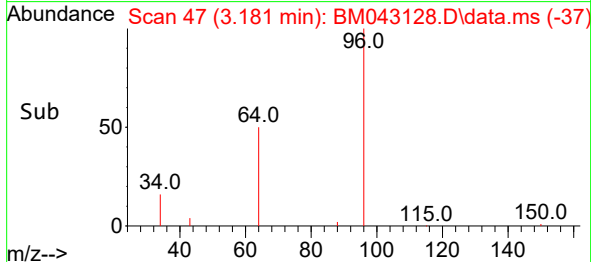
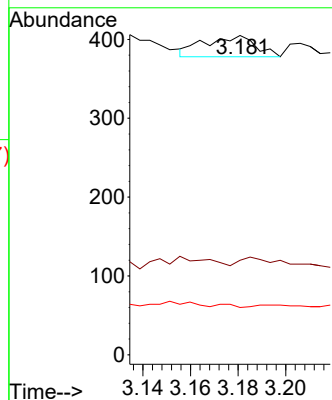
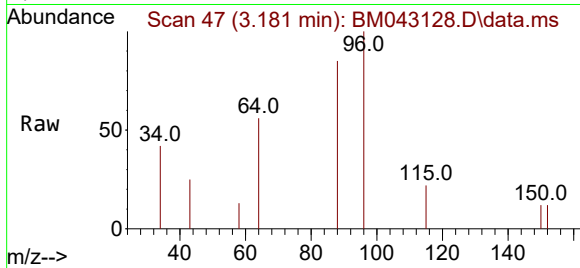




#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM043128.D
Acq: 01 Dec 2023 18:32

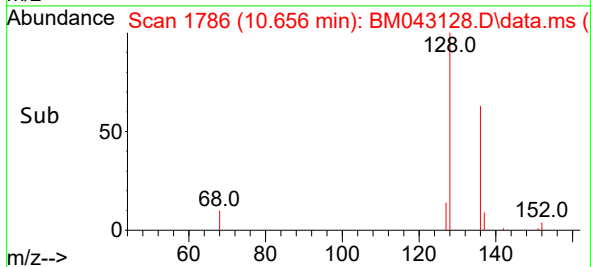
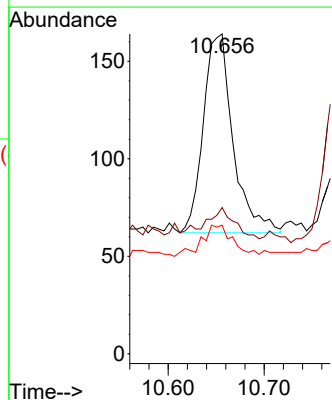
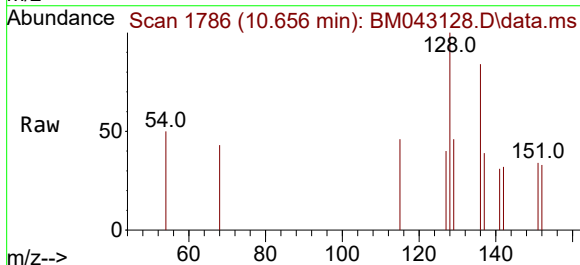
Instrument :
BNA_M
ClientSampleId :
C0AK5

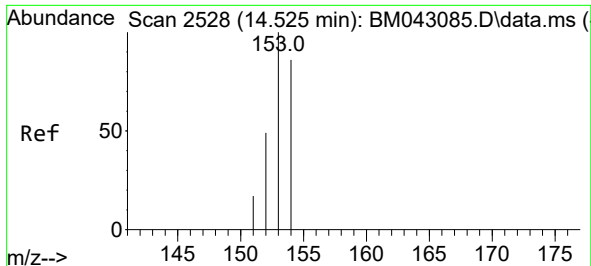
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 29.6 22.8 34.2
58 14.8 26.8 40.2#



#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM043128.D
Acq: 01 Dec 2023 18:32

Tgt Ion: 128 Resp: 220
Ion Ratio Lower Upper
128 100
129 45.7 16.0 24.0#
127 40.2 16.5 24.7#

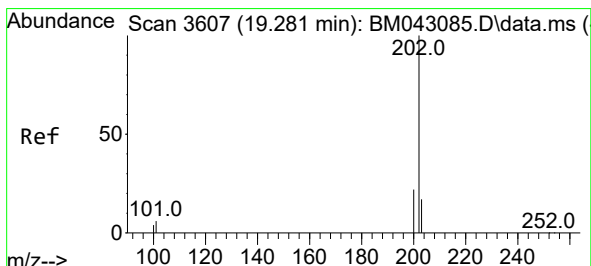
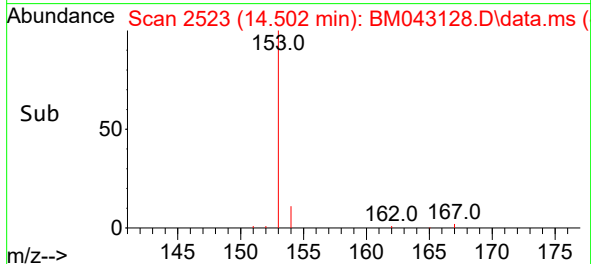
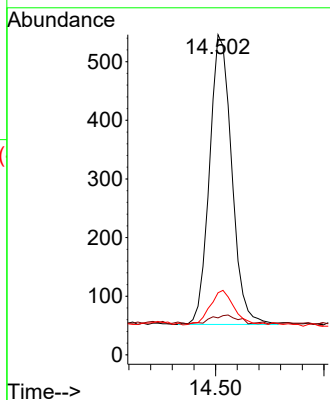
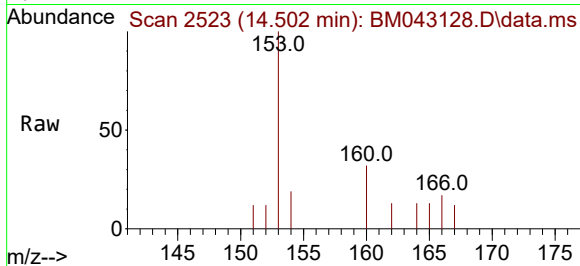




#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.502 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM043128.D
Acq: 01 Dec 2023 18:32

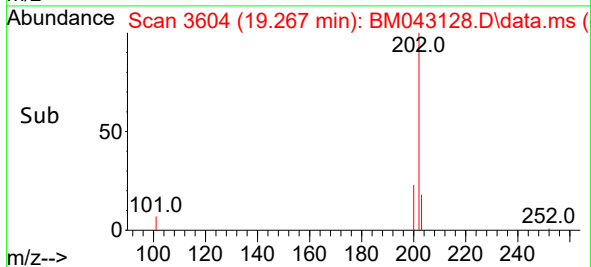
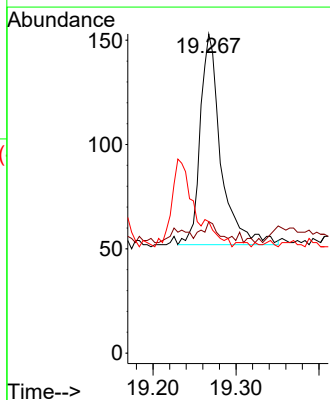
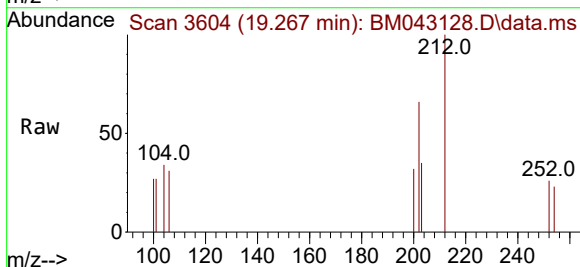
Instrument :
BNA_M
ClientSampleId :
C0AK5

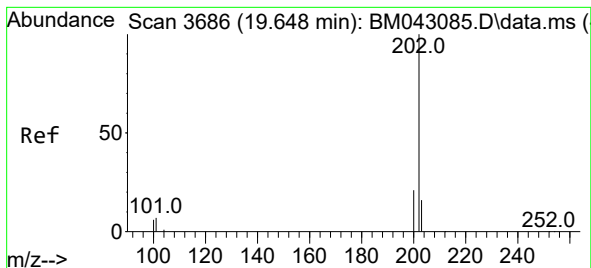
Tgt Ion:153 Resp: 704
Ion Ratio Lower Upper
153 100
152 11.5 43.9 65.9#
154 19.4 70.6 105.8#



#19
Fluoranthene
Concen: 0.024 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.004 min
Lab File: BM043128.D
Acq: 01 Dec 2023 18:32

Tgt Ion:202 Resp: 174
Ion Ratio Lower Upper
202 100
101 41.2 7.8 11.8#
100 41.2 7.1 10.7#





#20

Pyrene

Concen: 0.092 ng/ul

RT: 19.597 min Scan# 3

Delta R.T. -0.042 min

Lab File: BM043128.D

Acq: 01 Dec 2023 18:32

Instrument :

BNA_M

ClientSampleId :

C0AK5

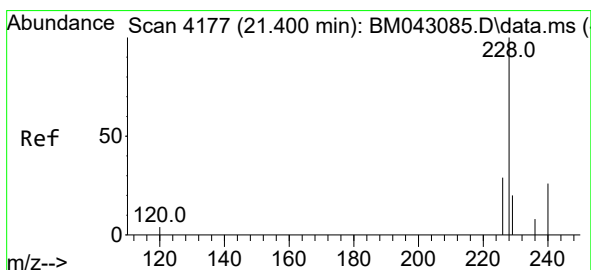
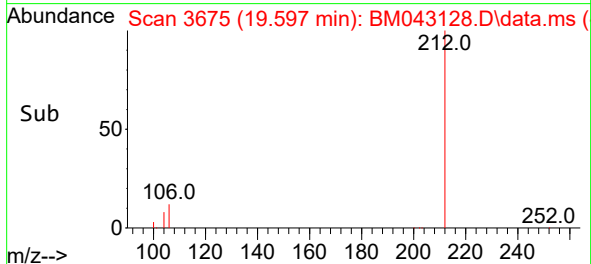
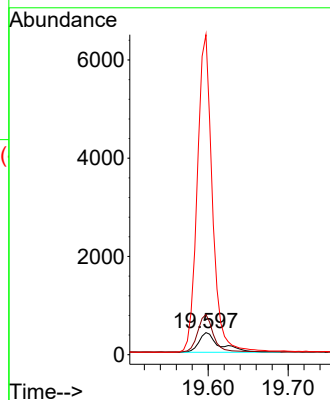
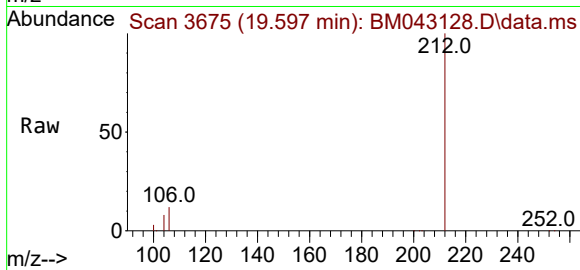
Tgt Ion:202 Resp: 726

Ion Ratio Lower Upper

202 100

101 182.0 8.7 13.1#

100 1447.8 7.8 11.8#



#21

Benzo(a)anthracene

Concen: 0.029 ng/ul

RT: 21.406 min Scan# 4179

Delta R.T. 0.018 min

Lab File: BM043128.D

Acq: 01 Dec 2023 18:32

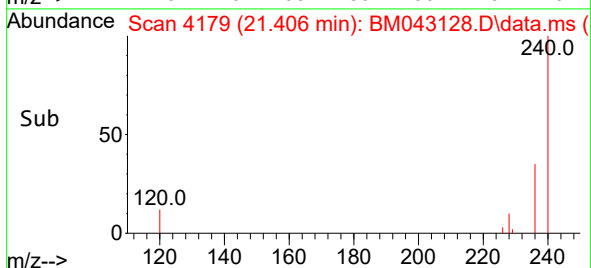
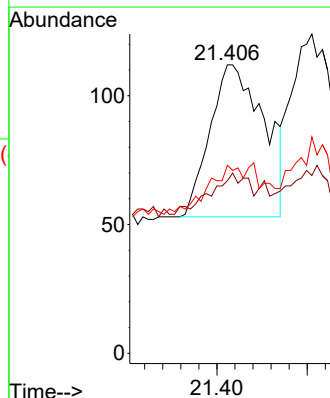
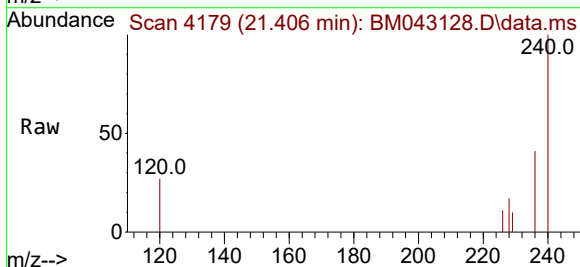
Tgt Ion:228 Resp: 122

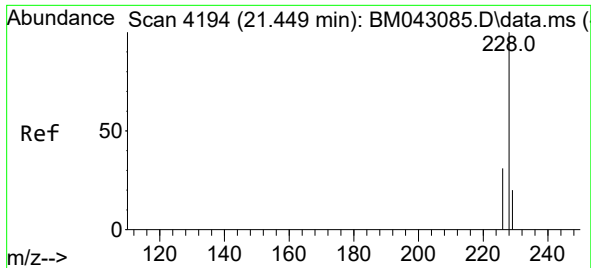
Ion Ratio Lower Upper

228 100

229 59.8 19.4 29.0#

226 65.2 24.9 37.3#





#22

Chrysene

Concen: 0.021 ng/ul

RT: 21.453 min Scan# 41

Delta R.T. 0.015 min

Lab File: BM043128.D

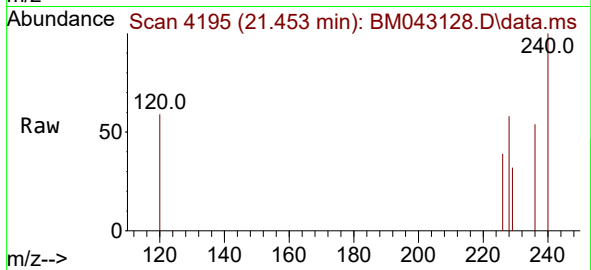
Acq: 01 Dec 2023 18:32

Instrument :

BNA_M

ClientSampleId :

C0AK5



Tgt Ion:228 Resp: 164

Ion Ratio Lower Upper

228 100

226 67.7 27.2 40.8#

229 55.6 18.0 27.0#

