

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028556.D
 Acq On : 10 Nov 2023 14:21
 Operator : MA/JU
 Sample : 05044-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEF3

Quant Time: Nov 10 23:27:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

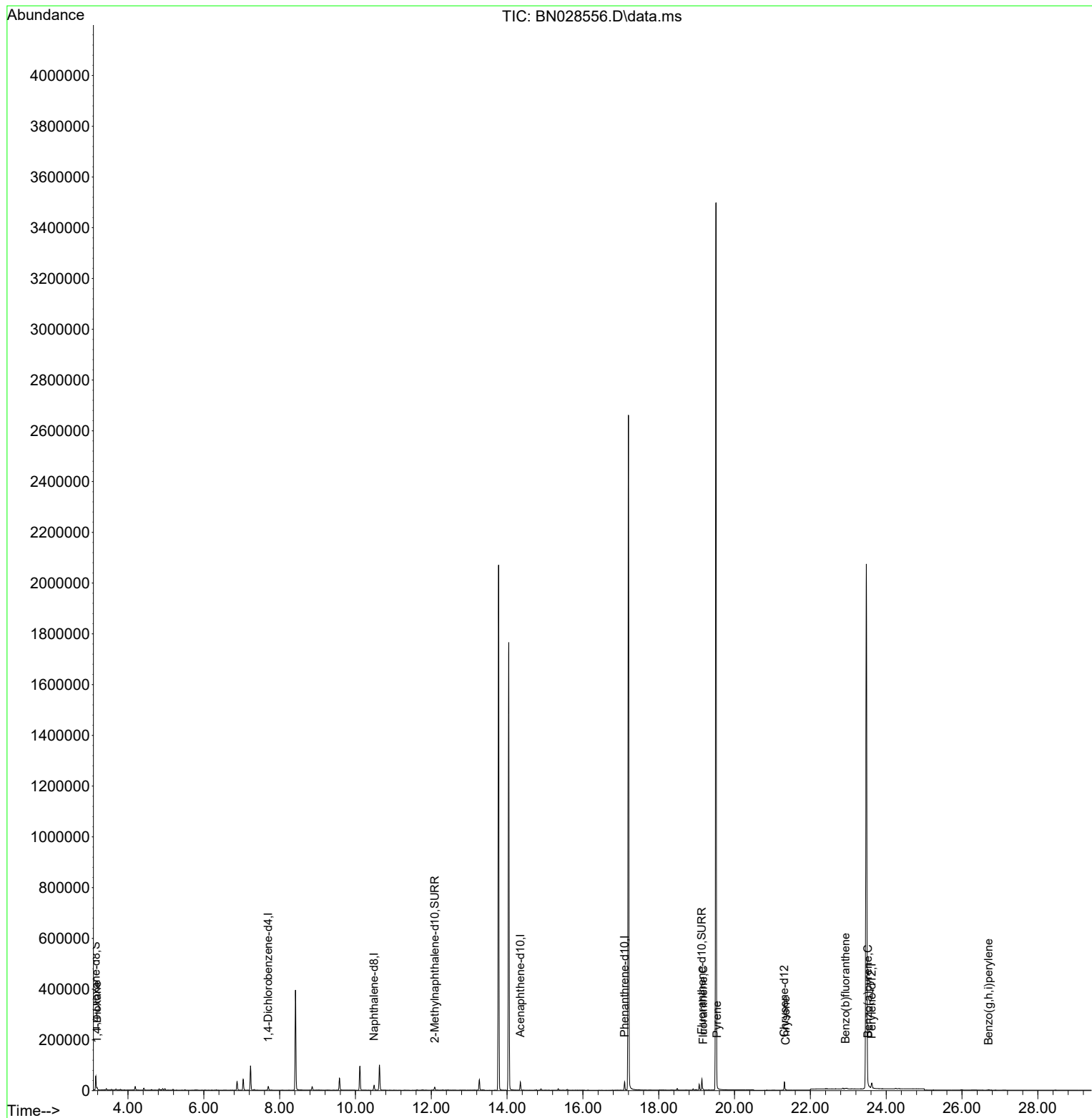
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	7527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	25863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	17104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	37775	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	29454	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	30034	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	33295	4.002	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	15426	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	46585	0.491	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	5093	0.554	ng/ul#	86
19) Fluoranthene	19.169	202	3191	0.025	ng/ul#	90
20) Pyrene	19.536	202	2854	0.022	ng/ul#	80
22) Chrysene	21.349	228	2398	0.021	ng/ul#	69
24) Benzo(b)fluoranthene	22.924	252	5021	0.045	ng/ul#	14
26) Benzo(a)pyrene	23.520	252	2255	0.021	ng/ul#	8
29) Benzo(g,h,i)perylene	26.699	276	3503	0.036	ng/ul#	63

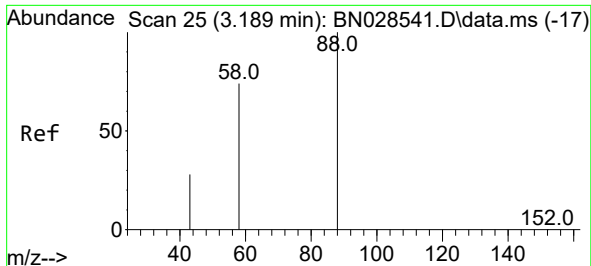
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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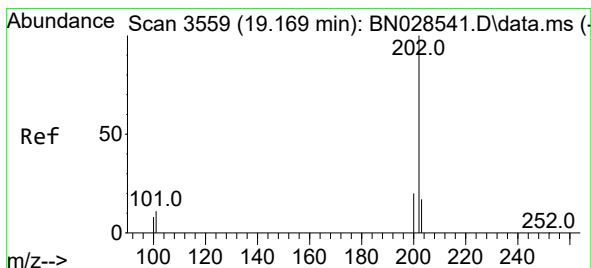
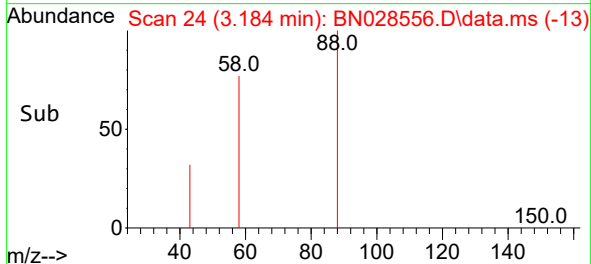
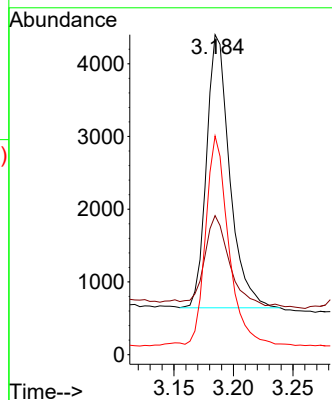
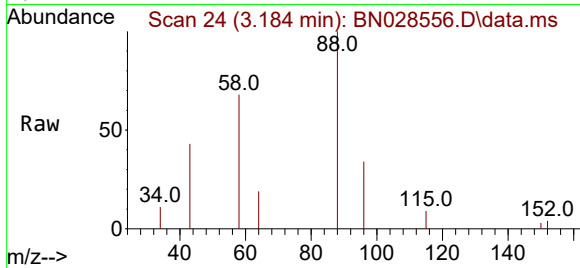




#2
1,4-Dioxane
Concen: 0.554 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028556.D
Acq: 10 Nov 2023 14:21

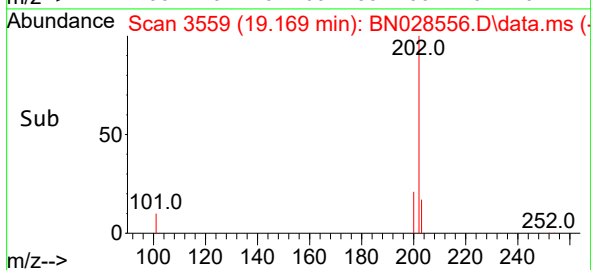
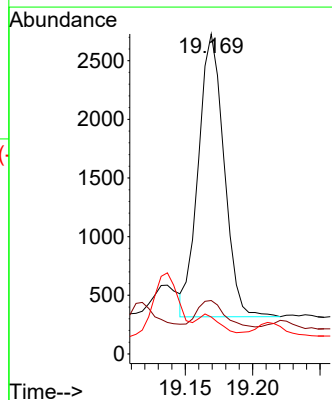
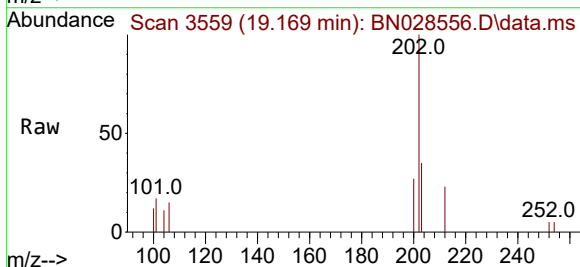
Instrument :
BNA_N
ClientSampleId :
BHEF3

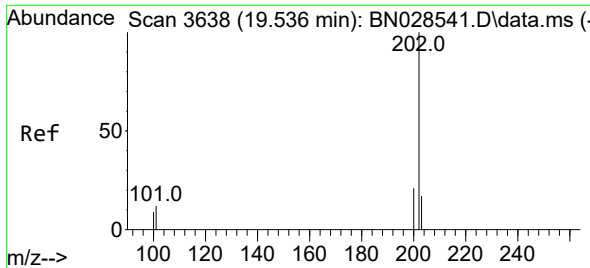
Tgt Ion: 88 Resp: 5093
Ion Ratio Lower Upper
88 100
43 43.4 32.9 49.3
58 68.4 41.8 62.8#



#19
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028556.D
Acq: 10 Nov 2023 14:21

Tgt Ion: 202 Resp: 3191
Ion Ratio Lower Upper
202 100
101 16.7 9.5 14.3#
100 11.5 7.2 10.8#

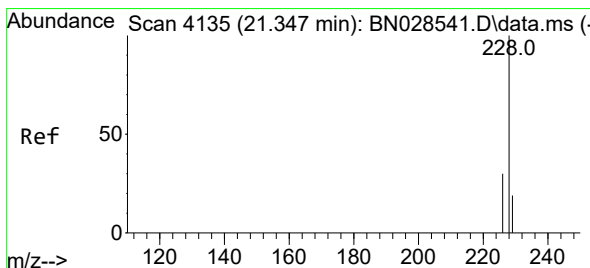
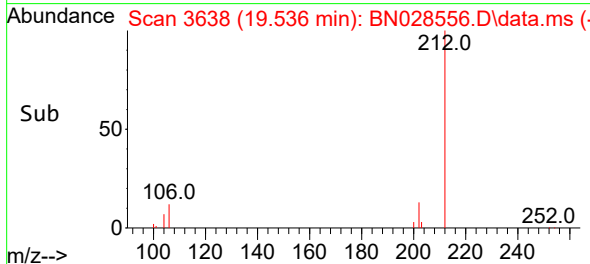
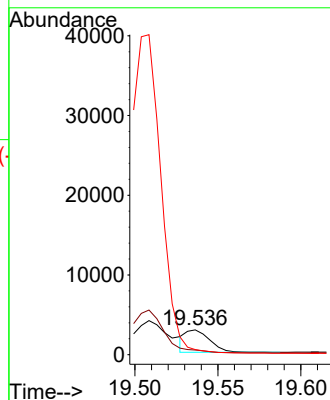
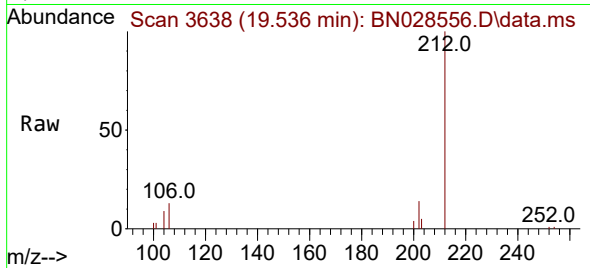




#20
Pyrene
Concen: 0.022 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.003 min
Lab File: BN028556.D
Acq: 10 Nov 2023 14:21

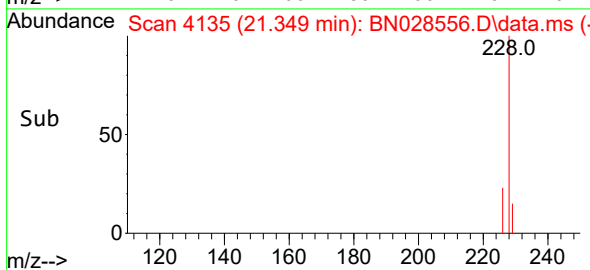
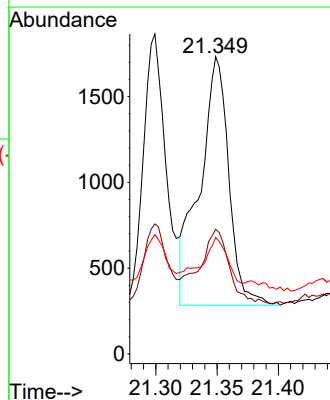
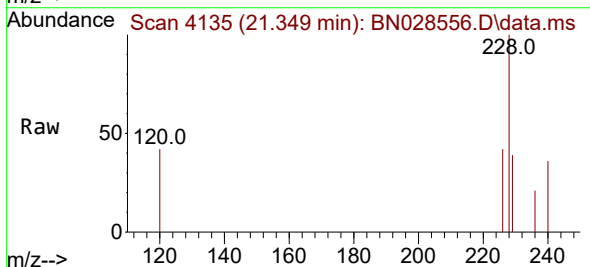
Instrument :
BNA_N
ClientSampleId :
BHEF3

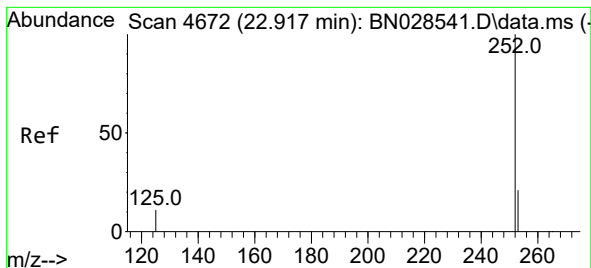
Tgt Ion:202 Resp: 2854
Ion Ratio Lower Upper
202 100
101 18.5 10.3 15.5#
100 20.5 8.2 12.2#



#22
Chrysene
Concen: 0.021 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028556.D
Acq: 10 Nov 2023 14:21

Tgt Ion:228 Resp: 2398
Ion Ratio Lower Upper
228 100
226 41.9 23.8 35.8#
229 39.2 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.045 ng/ul

RT: 22.924 min Scan# 4674

Delta R.T. -0.004 min

Lab File: BN028556.D

Acq: 10 Nov 2023 14:21

Instrument :

BNA_N

ClientSampleId :

BHEF3

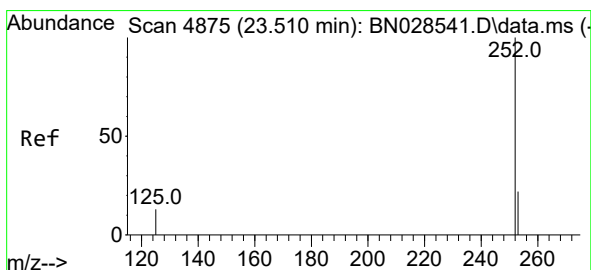
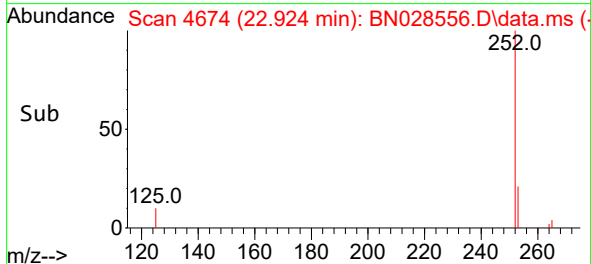
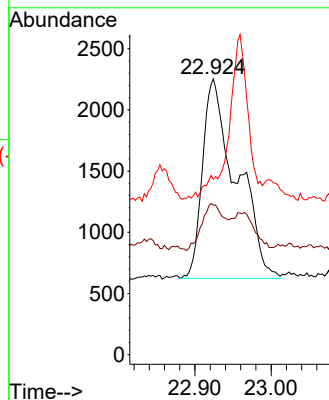
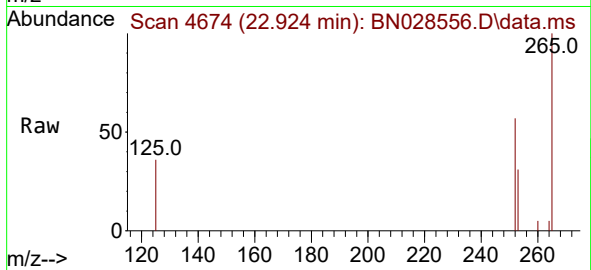
Tgt Ion:252 Resp: 5021

Ion Ratio Lower Upper

252 100

253 54.2 0.0 46.6#

125 63.7 0.0 27.6#



#26

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.520 min Scan# 4878

Delta R.T. -0.004 min

Lab File: BN028556.D

Acq: 10 Nov 2023 14:21

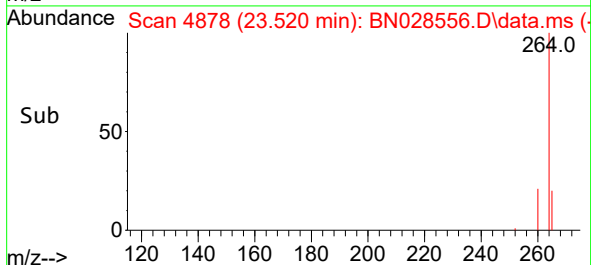
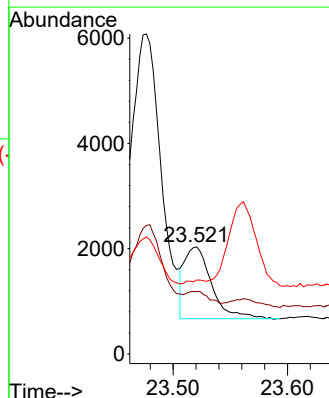
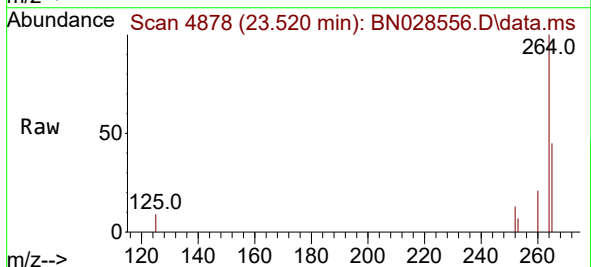
Tgt Ion:252 Resp: 2255

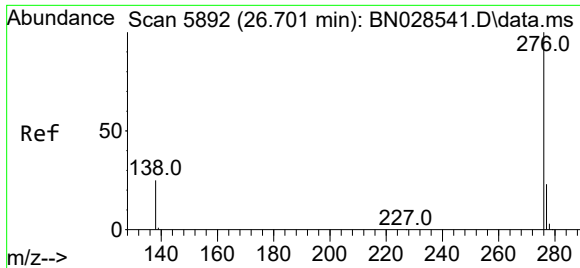
Ion Ratio Lower Upper

252 100

253 58.2 19.0 28.6#

125 69.2 13.2 19.8#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.699 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN028556.D
Acq: 10 Nov 2023 14:21

Instrument :
BNA_N
ClientSampleId :
BHEF3

Tgt Ion:276 Resp: 3503
Ion Ratio Lower Upper
276 100
138 50.0 20.5 30.7#
277 36.8 19.4 29.0#

