

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027472.D
 Acq On : 08 Sep 2023 10:45
 Operator : MA/JU
 Sample : 04166-07DL 5X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 00:08:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

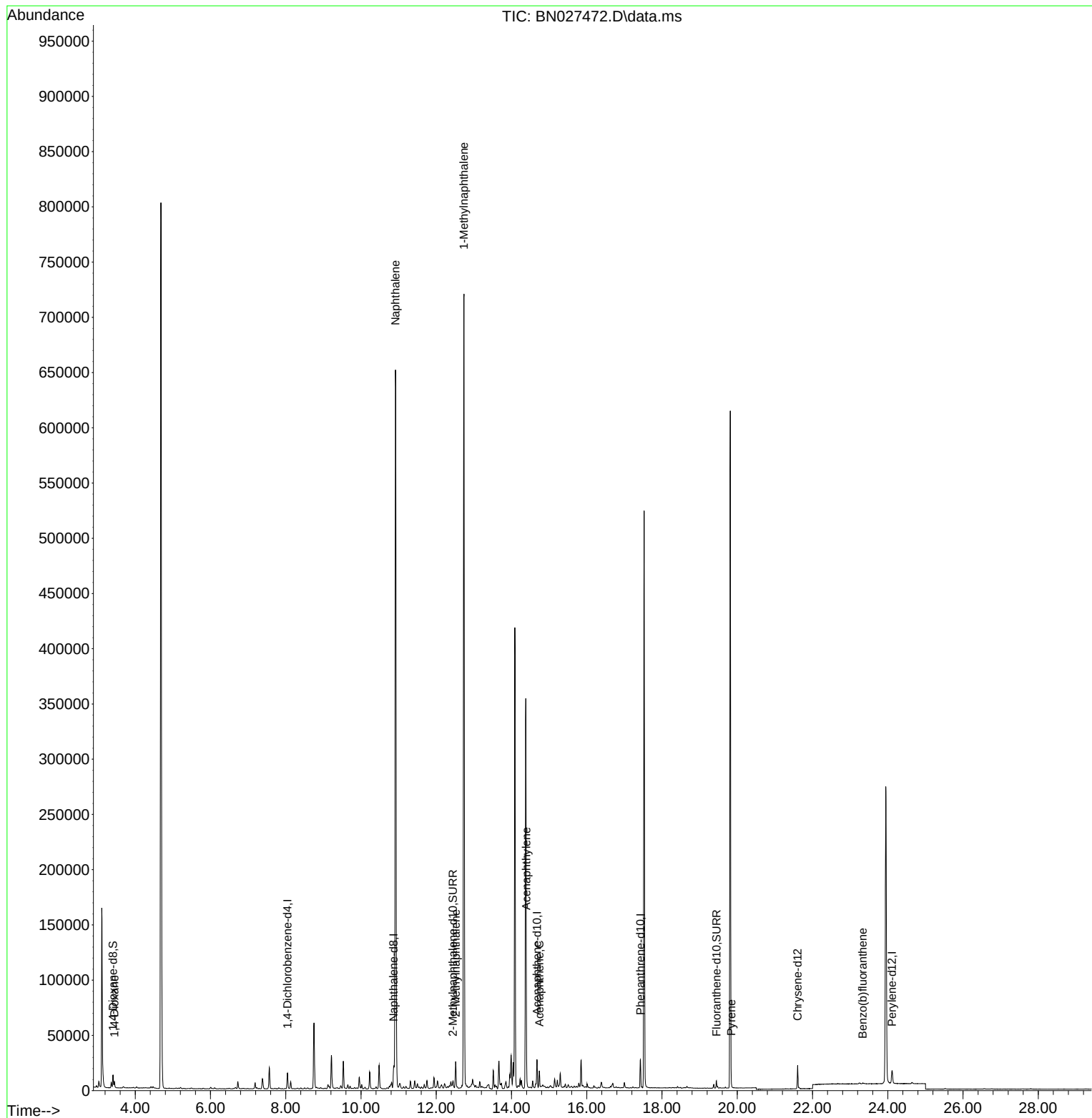
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	6739	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	23324	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	14145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	29815	0.400	ng/ul	0.00
17) Chrysene-d12	21.603	240	19159	0.400	ng/ul	0.00
23) Perylene-d12	24.111	264	17307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	8266	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	2974	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.446	212	7061	0.108	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	3806	0.420	ng/ul#	84
5) Naphthalene	10.916	128	903512	13.354	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	16497	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	492558	10.922	ng/ul	100
10) Acenaphthylene	14.393	152	5975	0.092	ng/ul#	3
11) Acenaphthene	14.740	153	4619	0.083	ng/ul	97
20) Pyrene	19.841	202	1822	0.020	ng/ul#	81
24) Benzo(b)fluoranthene	23.334	252	1649	0.020	ng/ul#	1

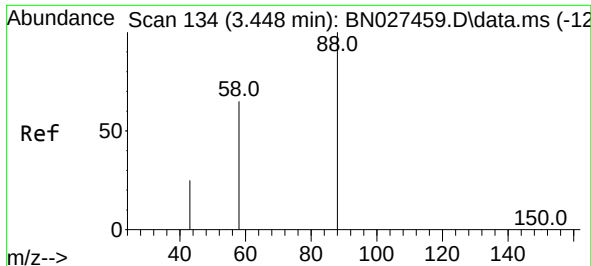
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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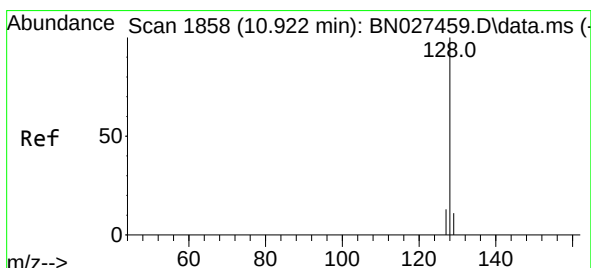
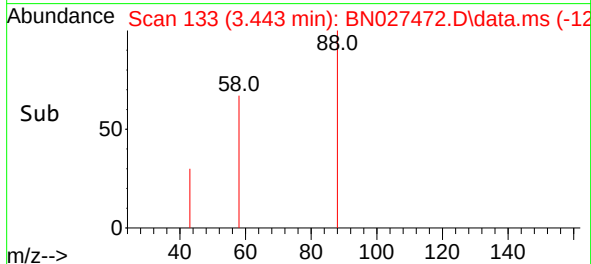
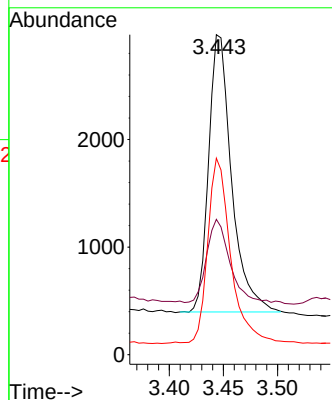
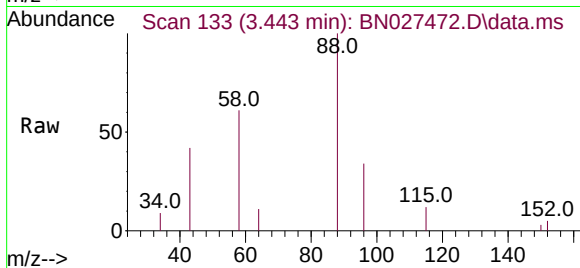




#2
1,4-Dioxane
Concen: 0.420 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027472.D
Acq: 08 Sep 2023 10:45

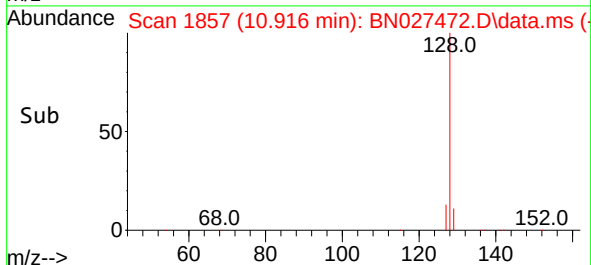
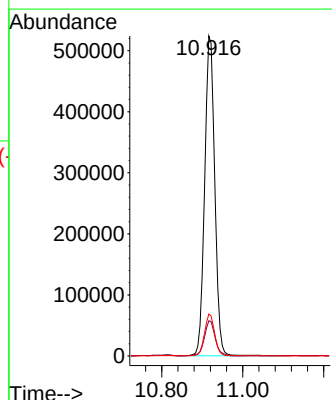
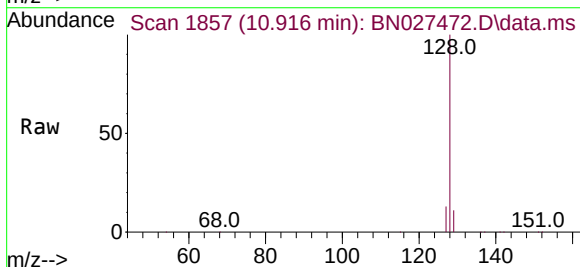
Instrument :
BNA_N
ClientSampleId :

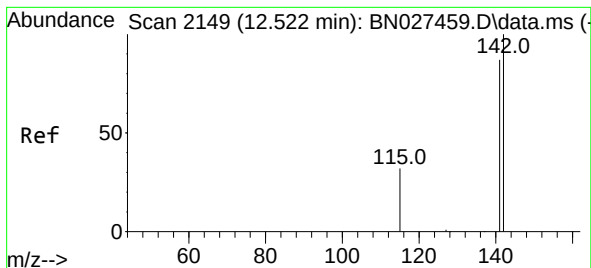
Tgt Ion: 88 Resp: 3806
Ion Ratio Lower Upper
88 100
43 42.3 26.8 40.2#
58 61.4 39.9 59.9#



#5
Naphthalene
Concen: 13.354 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027472.D
Acq: 08 Sep 2023 10:45

Tgt Ion:128 Resp: 903512
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.1 10.6 16.0





#7

2-Methylnaphthalene

Concen: 0.390 ng/ul

RT: 12.517 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BN027472.D

Acq: 08 Sep 2023 10:45

Instrument :

BNA_N

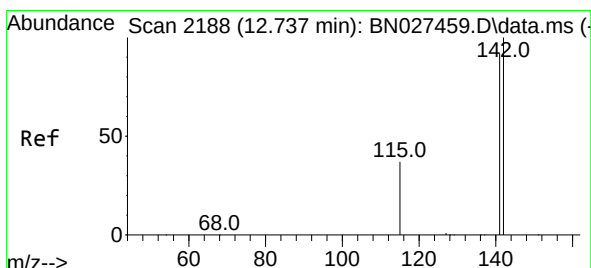
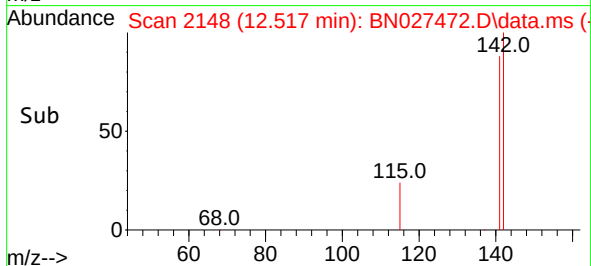
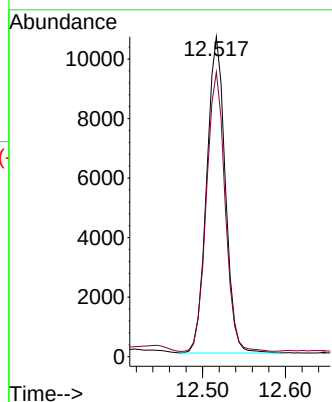
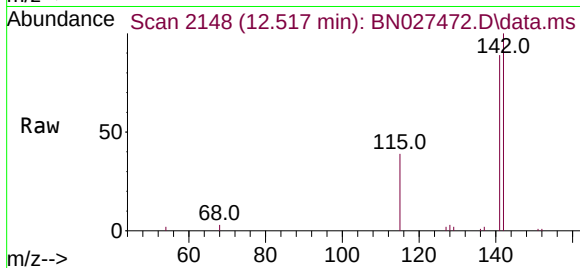
ClientSampleId :

Tgt Ion:142 Resp: 16497

Ion Ratio Lower Upper

142 100

141 88.5 71.6 107.4



#8

1-Methylnaphthalene

Concen: 10.922 ng/ul

RT: 12.737 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BN027472.D

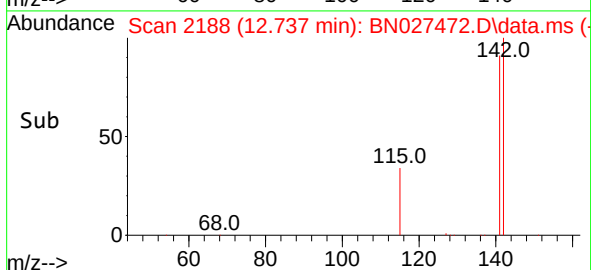
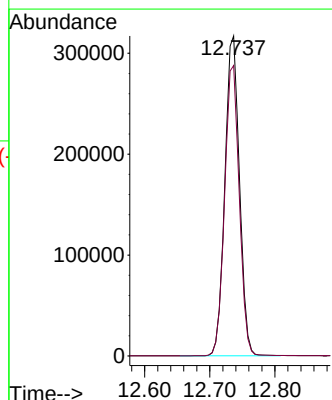
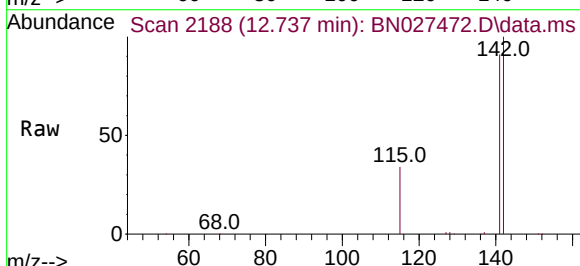
Acq: 08 Sep 2023 10:45

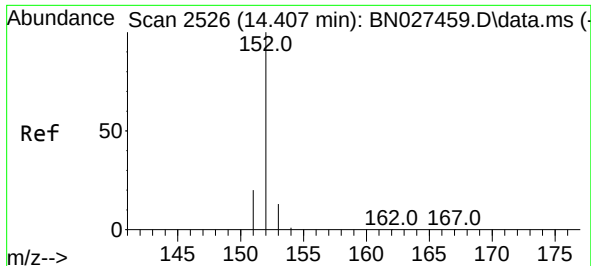
Tgt Ion:142 Resp: 492558

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

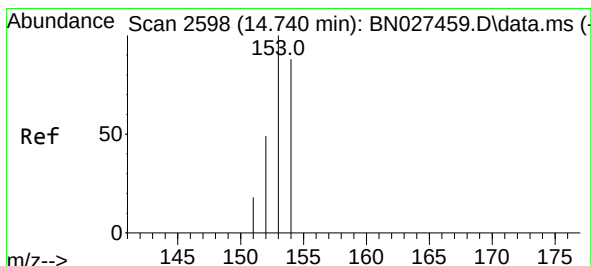
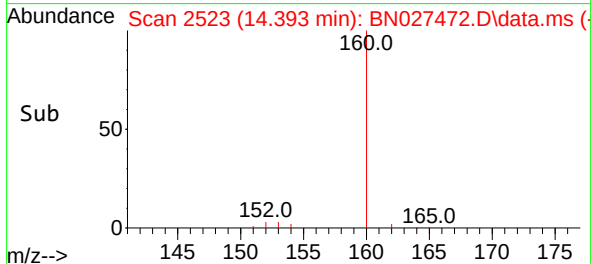
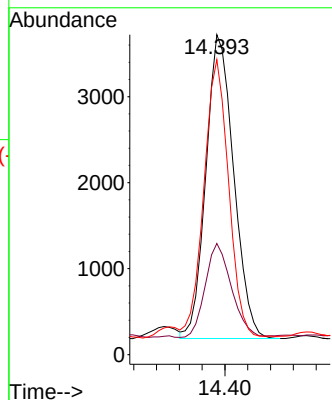
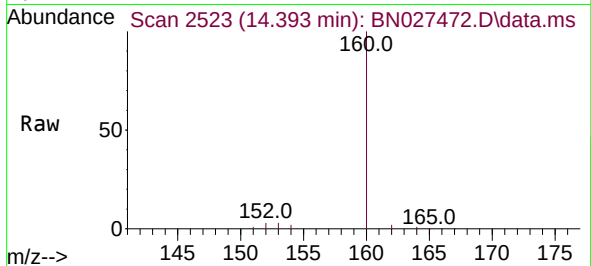




#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.393 min Scan# 2523
Delta R.T. -0.014 min
Lab File: BN027472.D
Acq: 08 Sep 2023 10:45

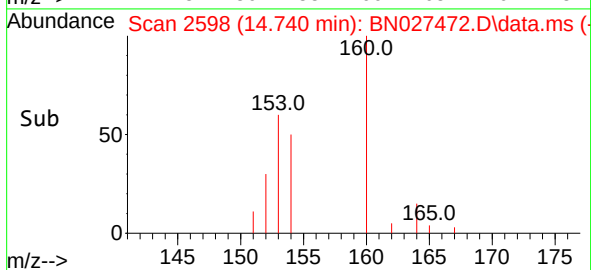
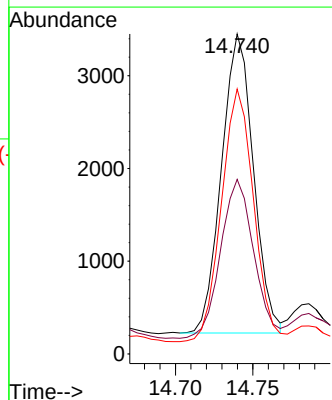
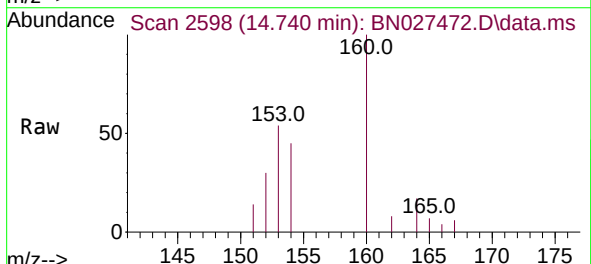
Instrument :
BNA_N
ClientSampleId :

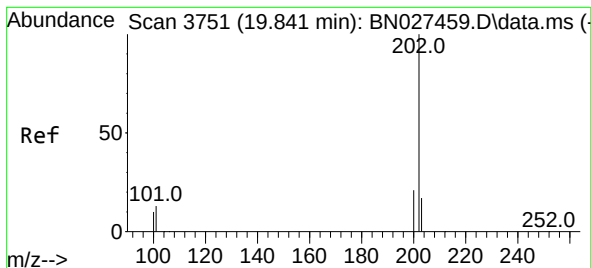
Tgt Ion:152 Resp: 5975
Ion Ratio Lower Upper
152 100
151 34.7 16.3 24.5#
153 92.2 11.1 16.7#



#11
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027472.D
Acq: 08 Sep 2023 10:45

Tgt Ion:153 Resp: 4619
Ion Ratio Lower Upper
153 100
152 54.5 42.9 64.3
154 82.8 69.4 104.0





#20

Pyrene

Concen: 0.020 ng/ul

RT: 19.841 min Scan# 3751

Delta R.T. -0.000 min

Lab File: BN027472.D

Acq: 08 Sep 2023 10:45

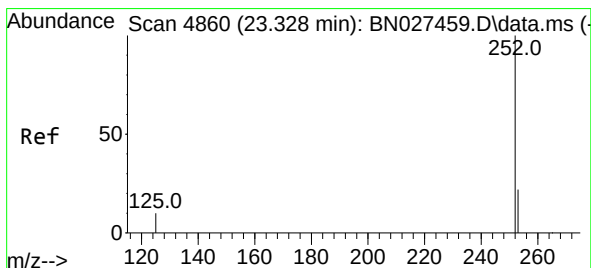
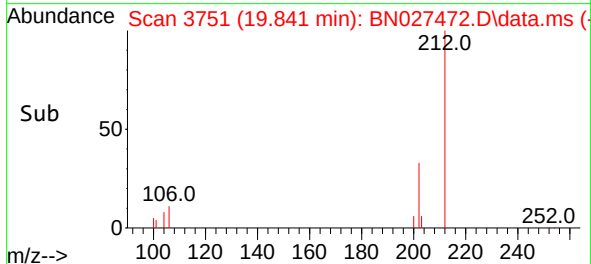
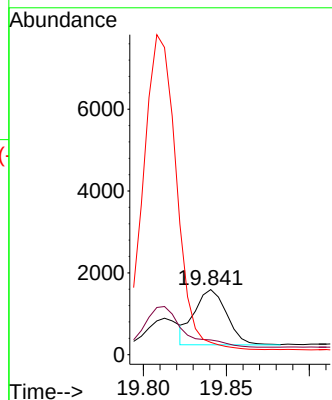
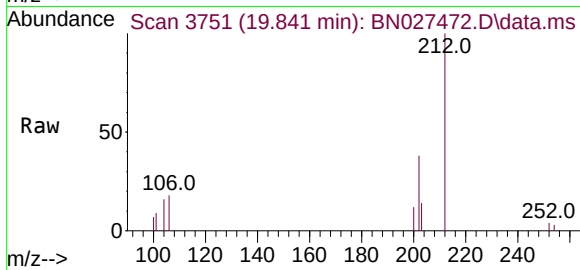
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:202 Resp: 1822

Ion	Ratio	Lower	Upper
202	100		
101	22.5	11.4	17.2#
100	18.8	9.4	14.2#



#24

Benzo(b)fluoranthene

Concen: 0.020 ng/ul

RT: 23.334 min Scan# 4862

Delta R.T. 0.006 min

Lab File: BN027472.D

Acq: 08 Sep 2023 10:45

Tgt Ion:252 Resp: 1649

Ion	Ratio	Lower	Upper
252	100		
253	96.0	0.0	49.6#
125	92.5	0.0	33.8#

