

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029551.D
 Acq On : 07 Feb 2024 18:04
 Operator : MA/JU
 Sample : P1303-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FJ1

Quant Time: Feb 08 01:03:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

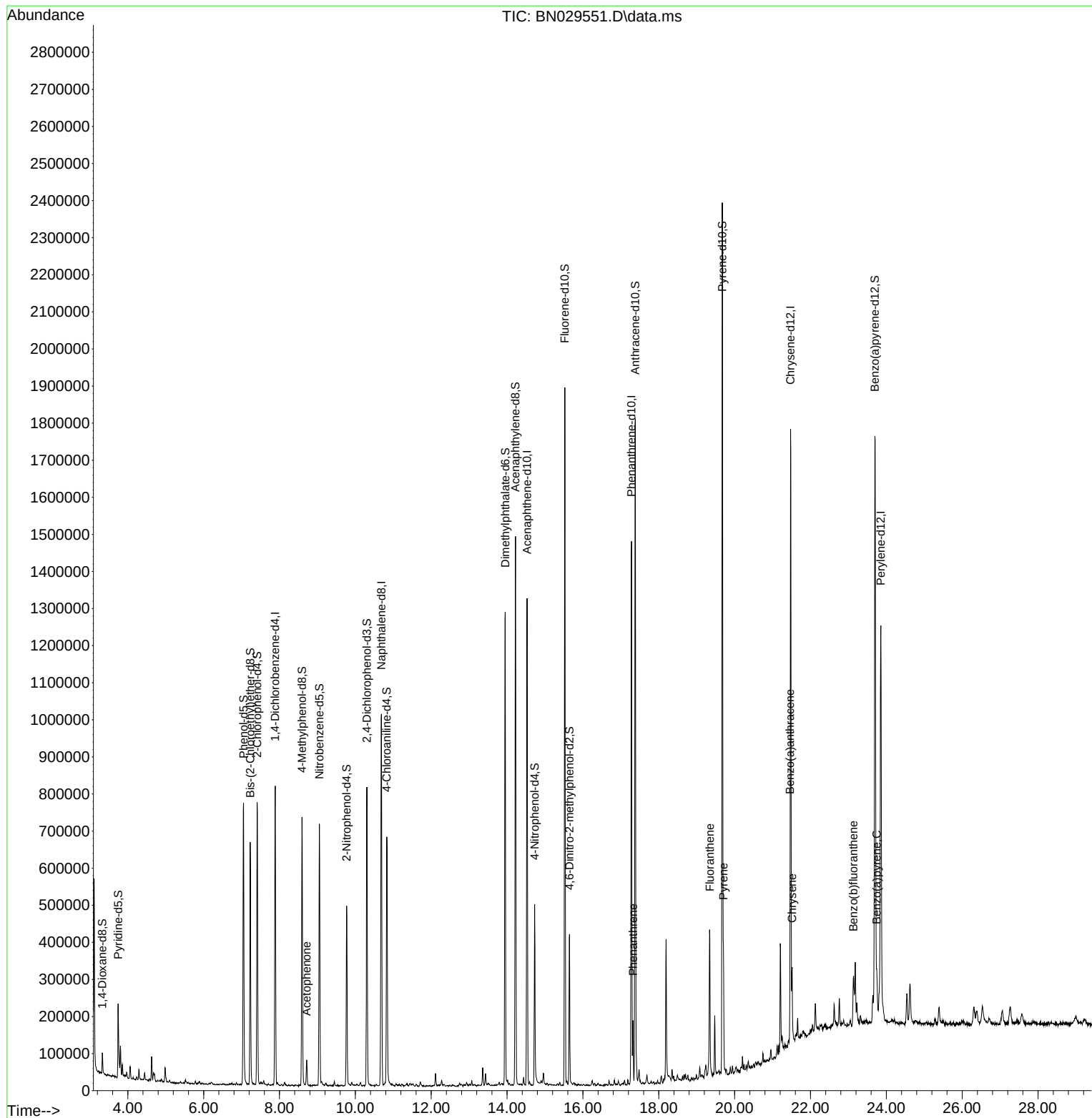
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	200866	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	809968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	410212	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	807484	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	674617	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	752664	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	27638	4.526	ng/uL	0.00
4) Pyridine-d5	3.746	84	124249	7.629	ng/u1	0.00
7) Phenol-d5	7.052	99	417668	22.230	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	294003	23.447	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	329204	24.180	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	254862	18.189	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	152183	24.208	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	136140	24.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	248383	22.984	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	353253	19.161	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	781482	25.588	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	892850	24.617	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	102319	17.652	ng/u1	0.00
60) Fluorene-d10	15.522	176	654945	25.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	65750	16.711	ng/u1	0.00
73) Anthracene-d10	17.381	188	939135	24.816	ng/u1	0.00
81) Pyrene-d10	19.675	212	1116729	27.584	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1056679	28.057	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	36398	1.632	ng/u1	94
72) Phenanthrene	17.322	178	90749	1.943	ng/u1	99
80) Fluoranthene	19.345	202	207191	4.213	ng/u1	98
82) Pyrene	19.704	202	175689	3.377	ng/u1	99
85) Benzo(a)anthracene	21.463	228	87746	1.771	ng/u1	100
87) Chrysene	21.516	228	98171	2.114	ng/u1	97
90) Benzo(b)fluoranthene	23.133	252	110639	2.334	ng/u1	99
93) Benzo(a)pyrene	23.745	252	70751	1.556	ng/u1	96

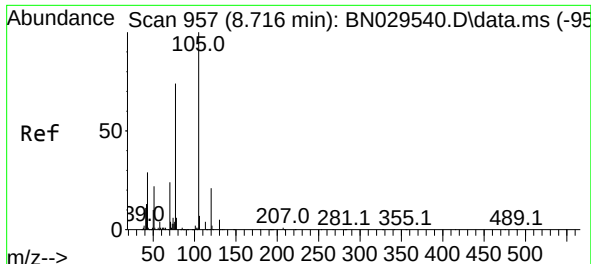
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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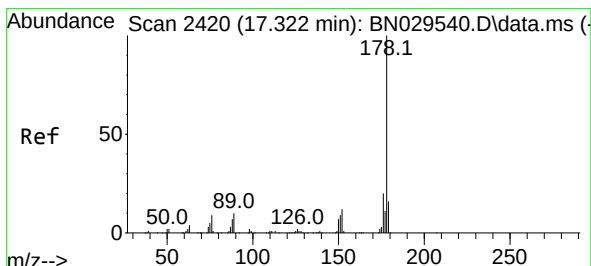
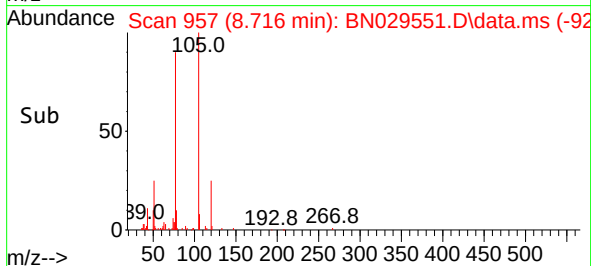
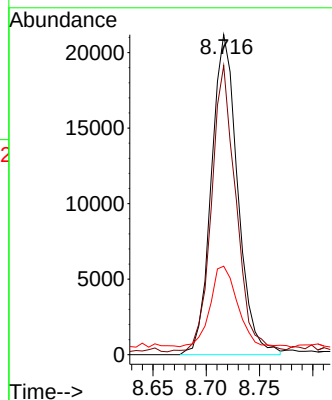
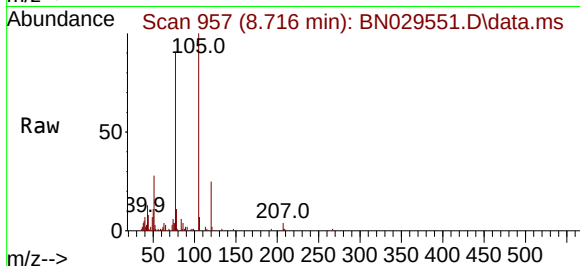




#16
Acetophenone
Concen: 1.632 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029551.D
Acq: 07 Feb 2024 18:04

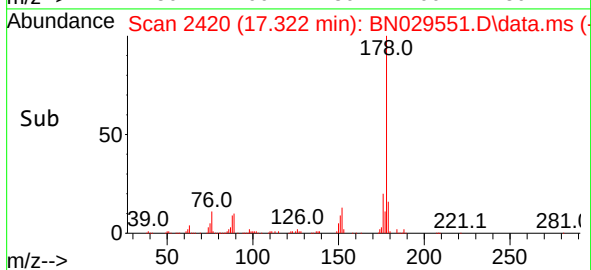
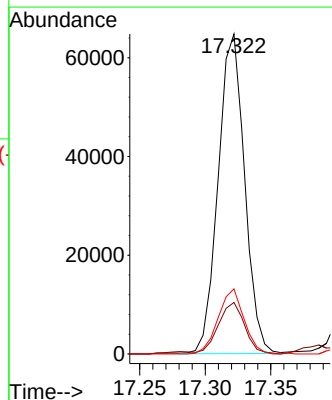
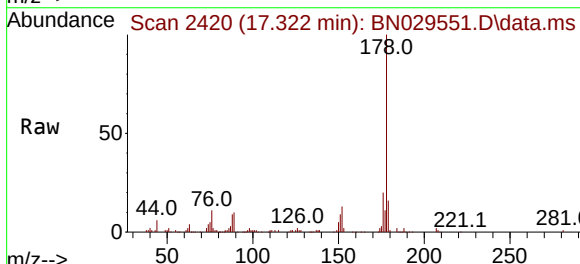
Instrument :
BNA_N
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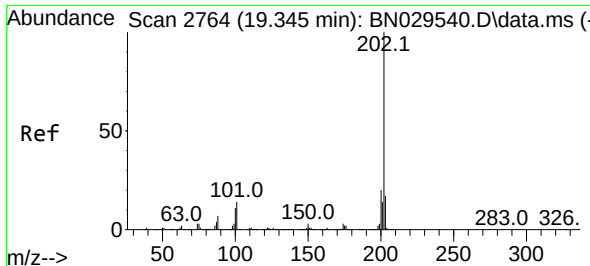
Tgt Ion:105 Resp: 36398
Ion Ratio Lower Upper
105 100
77 90.3 67.4 101.0
51 27.6 20.7 31.1



#72
Phenanthrene
Concen: 1.943 ng/ul
RT: 17.322 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN029551.D
Acq: 07 Feb 2024 18:04

Tgt Ion:178 Resp: 90749
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 20.3 15.7 23.5

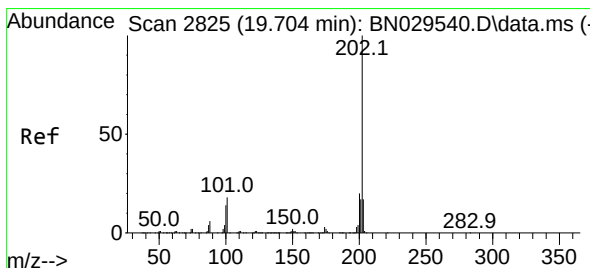
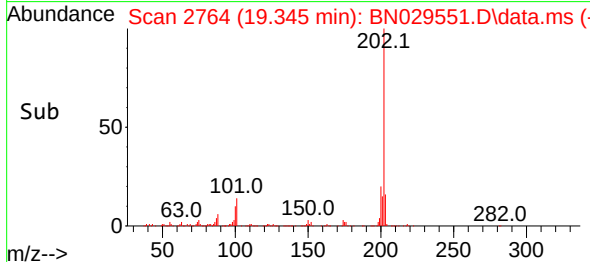
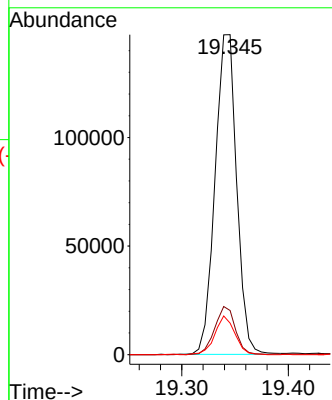
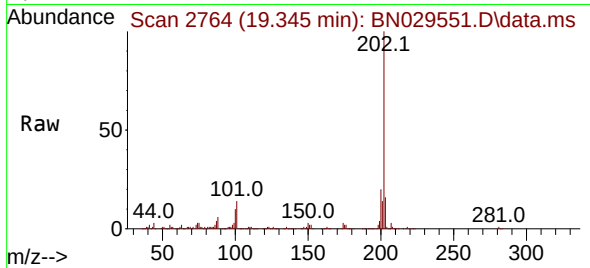




#80
Fluoranthene
Concen: 4.213 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029551.D
Acq: 07 Feb 2024 18:04

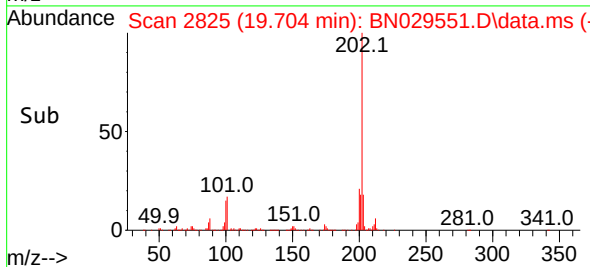
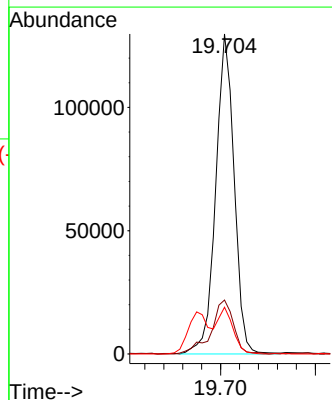
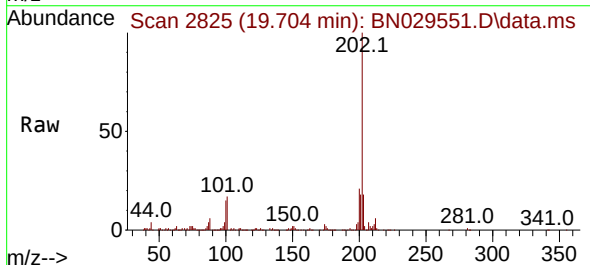
Instrument :
BNA_N
ClientSampleId :
C0FJ1

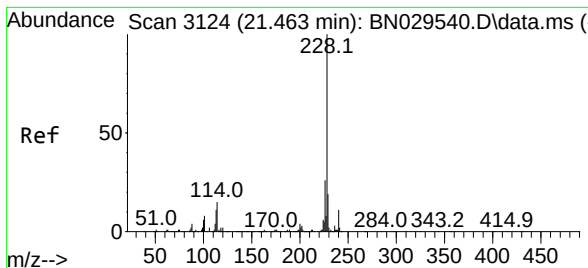
Tgt Ion:202 Resp: 207191
Ion Ratio Lower Upper
202 100
101 13.8 11.1 16.7
100 9.8 8.9 13.3



#82
Pyrene
Concen: 3.377 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BN029551.D
Acq: 07 Feb 2024 18:04

Tgt Ion:202 Resp: 175689
Ion Ratio Lower Upper
202 100
101 16.9 14.2 21.4
100 14.6 11.4 17.2





#85

Benzo(a)anthracene

Concen: 1.771 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BN029551.D

Acq: 07 Feb 2024 18:04

Instrument :

BNA_N

ClientSampleId :

C0FJ1

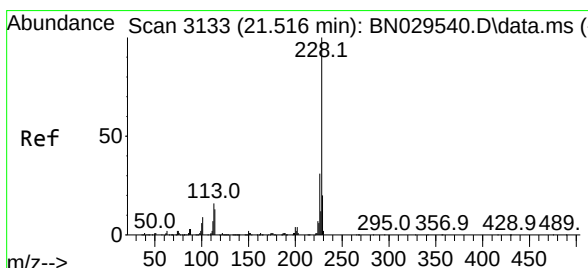
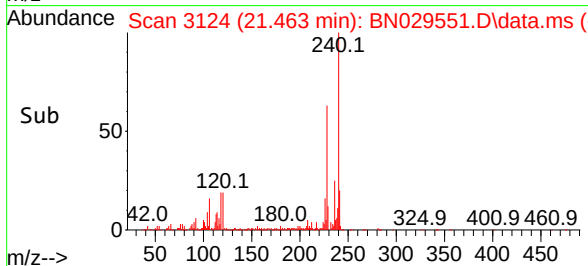
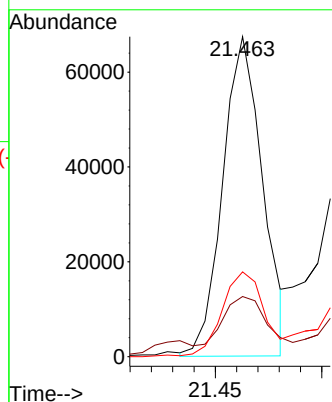
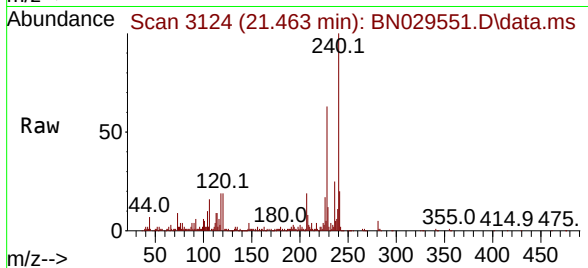
Tgt Ion:228 Resp: 87746

Ion Ratio Lower Upper

228 100

229 18.8 15.0 22.6

226 26.5 21.0 31.6



#87

Chrysene

Concen: 2.114 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BN029551.D

Acq: 07 Feb 2024 18:04

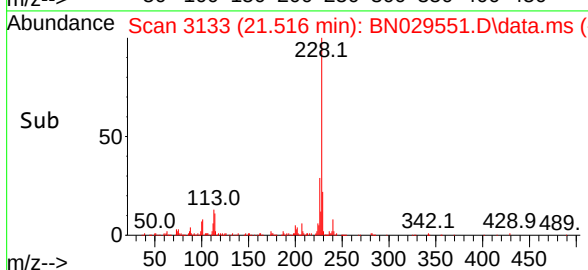
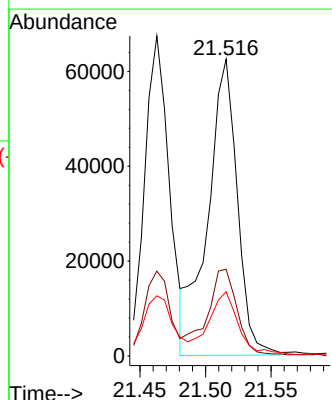
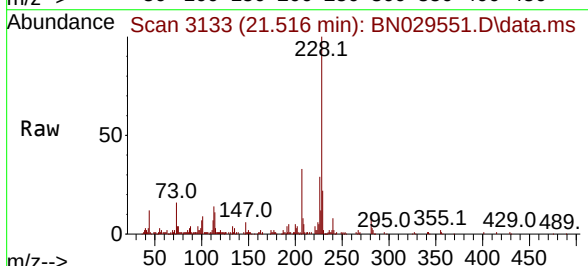
Tgt Ion:228 Resp: 98171

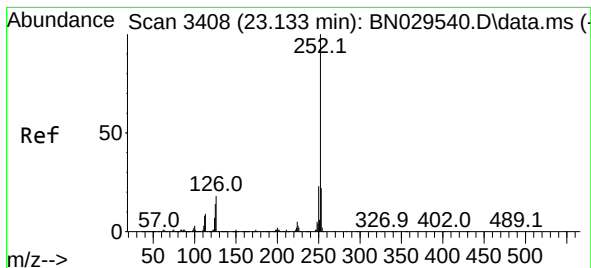
Ion Ratio Lower Upper

228 100

226 29.2 24.6 37.0

229 21.6 16.2 24.4





#90

Benzo(b)fluoranthene

Concen: 2.334 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BN029551.D

Acq: 07 Feb 2024 18:04

Instrument :

BNA_N

ClientSampleId :

C0FJ1

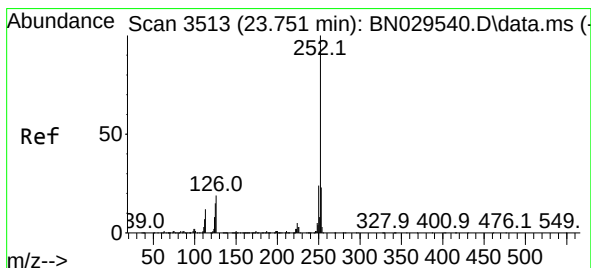
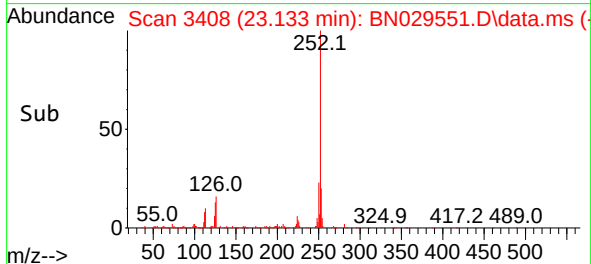
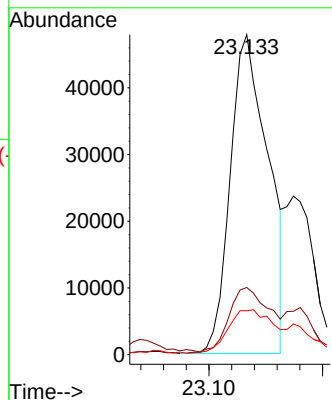
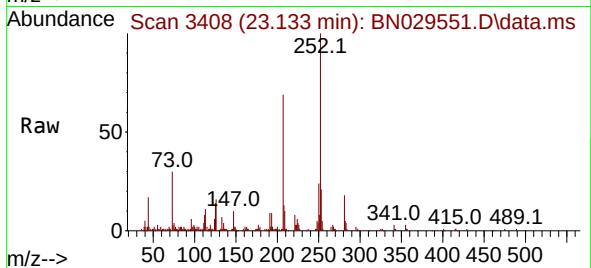
Tgt Ion:252 Resp: 110639

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 13.7 11.1 16.7



#93

Benzo(a)pyrene

Concen: 1.556 ng/ul

RT: 23.745 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BN029551.D

Acq: 07 Feb 2024 18:04

Tgt Ion:252 Resp: 70751

Ion Ratio Lower Upper

252 100

253 21.3 18.8 28.2

125 16.5 12.2 18.2

