

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031938.D
 Acq On : 12 Jun 2024 12:46
 Operator : MA/JU
 Sample : P2678-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 22:52:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

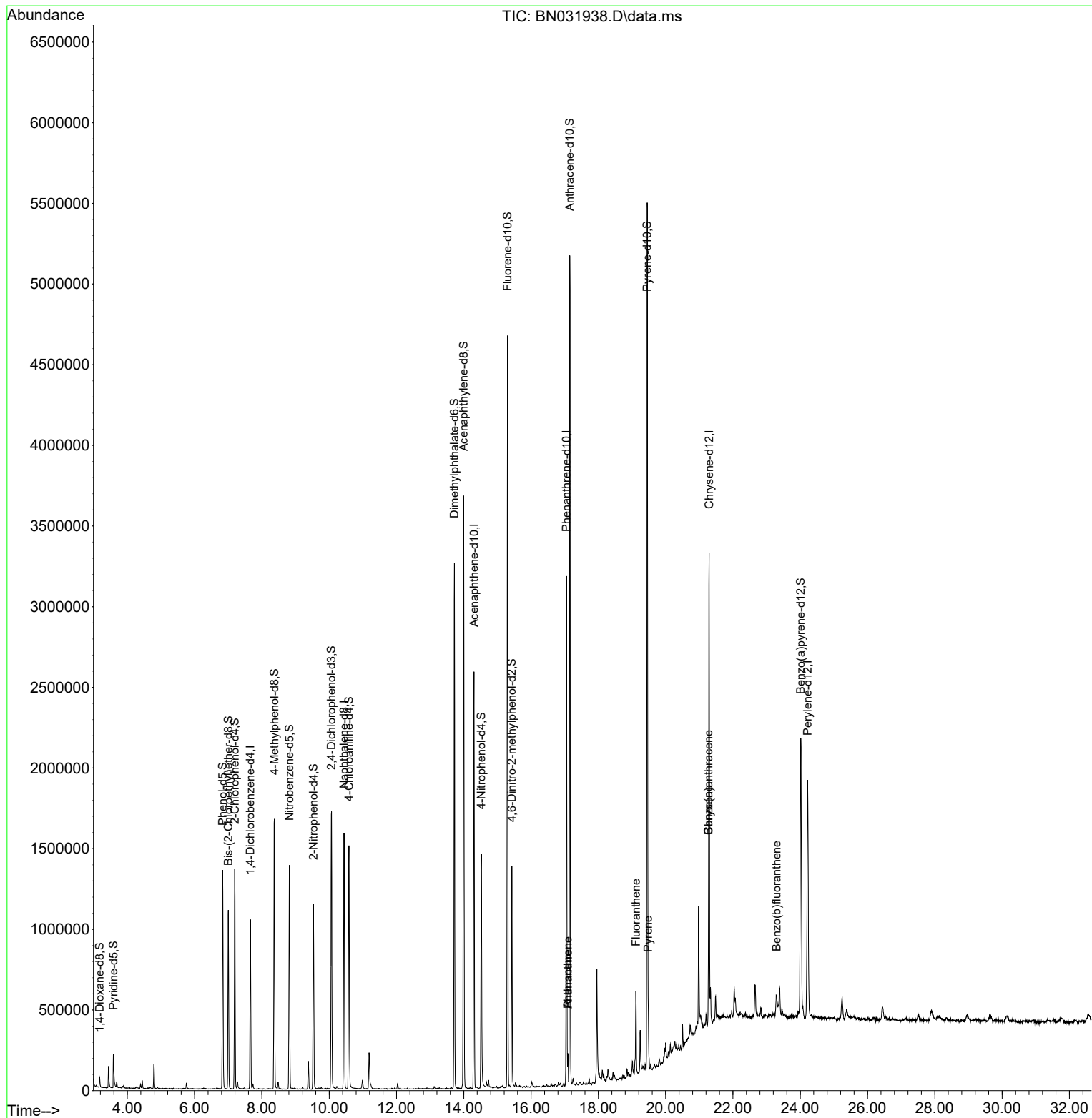
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	291675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1352615	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	904340	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1886424	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1452233	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1264560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	35252	5.000	ng/uL	0.00
4) Pyridine-d5	3.587	84	123849	6.240	ng/u1	0.00
7) Phenol-d5	6.834	99	827730	33.103	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	481061	32.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	663483	34.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	675303	33.131	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	359390	34.750	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	390590	36.561	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	679778	34.084	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	874580	29.534	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2229223	35.384	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2563986	35.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	382445	30.318	ng/u1	0.00
60) Fluorene-d10	15.298	176	1890853	35.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	288398	30.415	ng/u1	0.00
73) Anthracene-d10	17.151	188	2927118	36.244	ng/u1	0.00
81) Pyrene-d10	19.451	212	2913185	37.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1539044	25.488	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	114671	1.193	ng/u1	99
74) Anthracene	17.092	178	115433	1.185	ng/u1	97
80) Fluoranthene	19.116	202	268979	2.896	ng/u1	99
82) Pyrene	19.480	202	223207	2.342	ng/u1	100
85) Benzo(a)anthracene	21.274	228	126709	1.304	ng/u1	99
87) Chrysene	21.274	228	126826	1.397	ng/u1	98
90) Benzo(b)fluoranthene	23.298	252	132252	1.750	ng/u1#	97

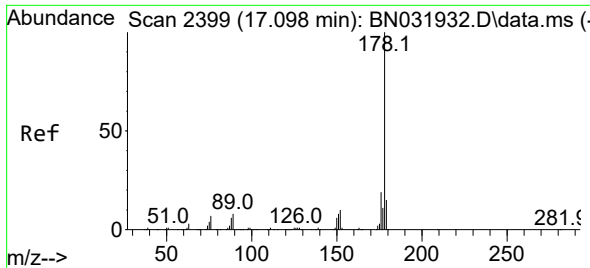
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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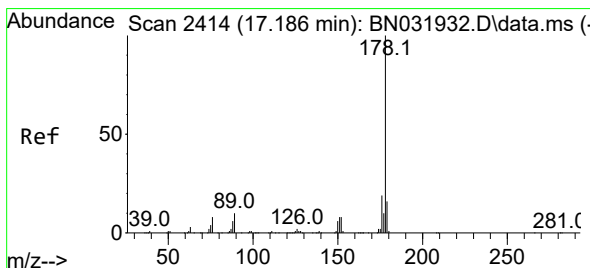
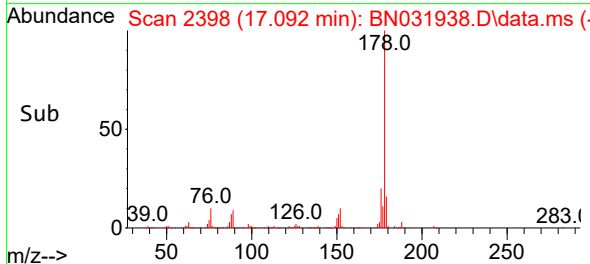
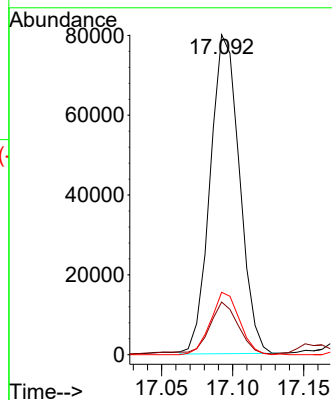
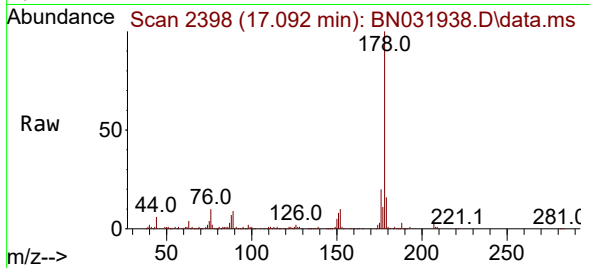




#72
Phenanthrene
Concen: 1.193 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN031938.D
Acq: 12 Jun 2024 12:46

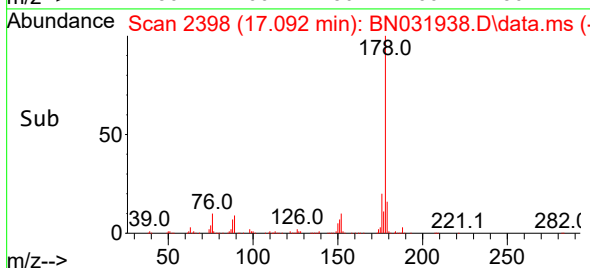
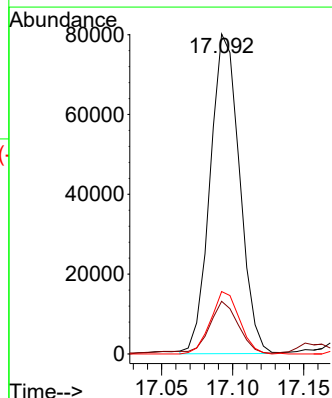
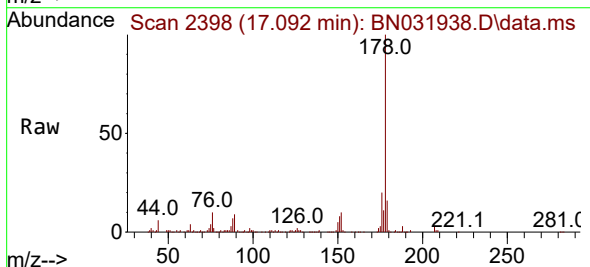
Instrument :
BNA_N
ClientSampleId :

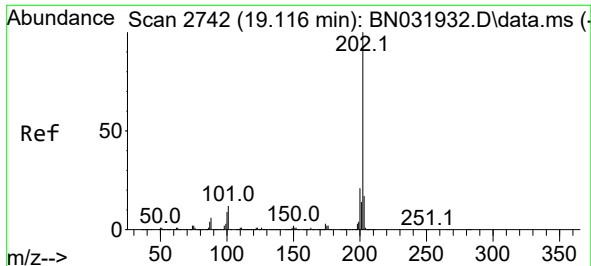
Tgt Ion:178 Resp: 114671
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.5 15.8 23.6



#74
Anthracene
Concen: 1.185 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.094 min
Lab File: BN031938.D
Acq: 12 Jun 2024 12:46

Tgt Ion:178 Resp: 115433
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.6
176 19.5 14.8 22.2

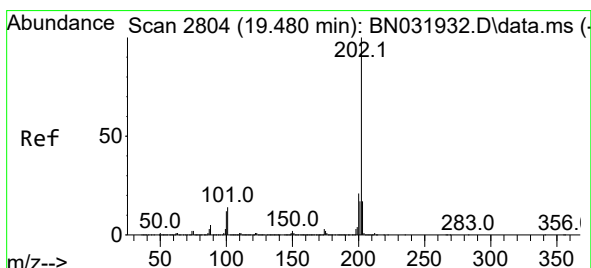
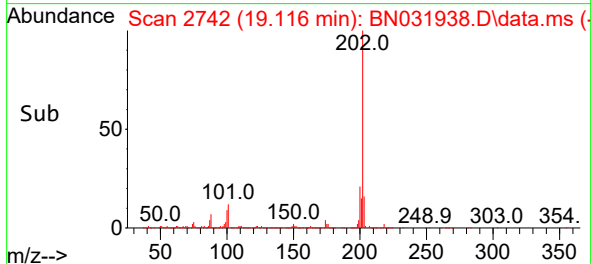
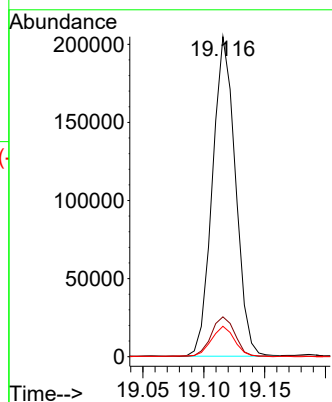
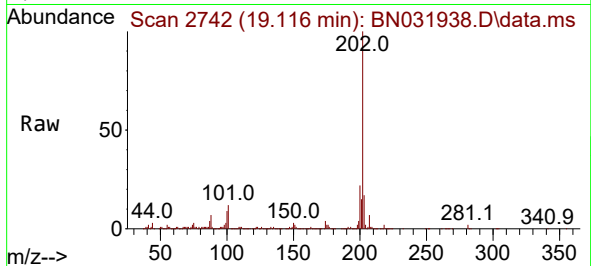




#80
Fluoranthene
Concen: 2.896 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031938.D
Acq: 12 Jun 2024 12:46

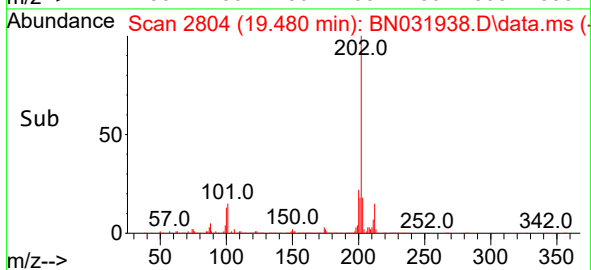
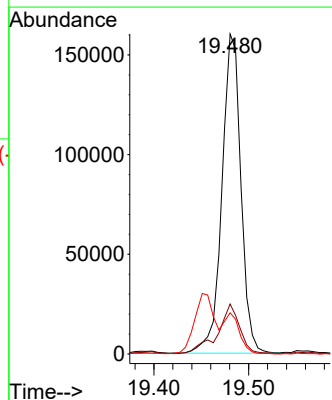
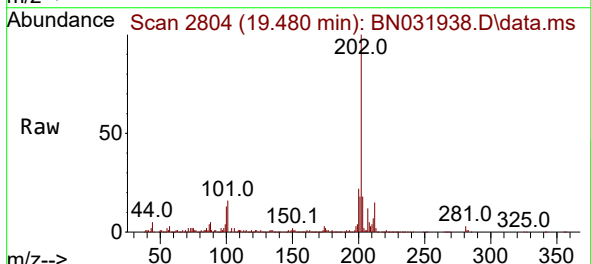
Instrument :
BNA_N
ClientSampleId :

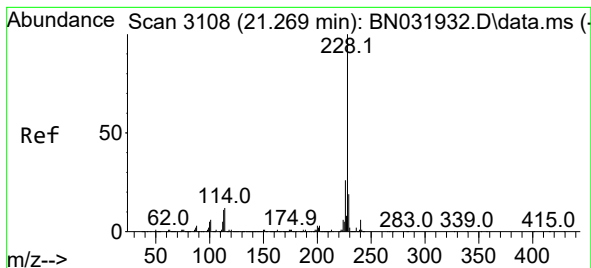
Tgt Ion:202 Resp: 268979
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.5 8.0 12.0



#82
Pyrene
Concen: 2.342 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031938.D
Acq: 12 Jun 2024 12:46

Tgt Ion:202 Resp: 223207
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.9 10.2 15.2





#85

Benzo(a)anthracene

Concen: 1.304 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031938.D

Acq: 12 Jun 2024 12:46

Instrument :

BNA_N

ClientSampleId :

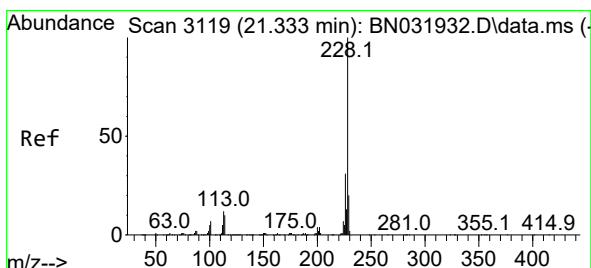
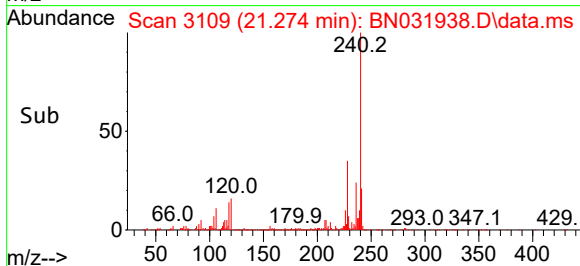
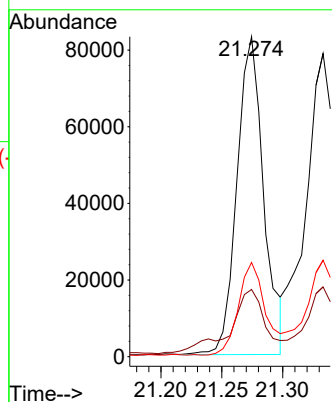
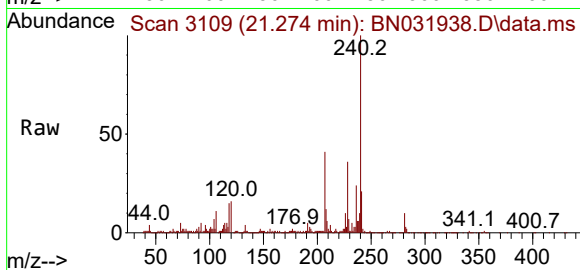
Tgt Ion:228 Resp: 126709

Ion Ratio Lower Upper

228 100

229 21.0 16.7 25.1

226 29.5 22.8 34.2



#87

Chrysene

Concen: 1.397 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.059 min

Lab File: BN031938.D

Acq: 12 Jun 2024 12:46

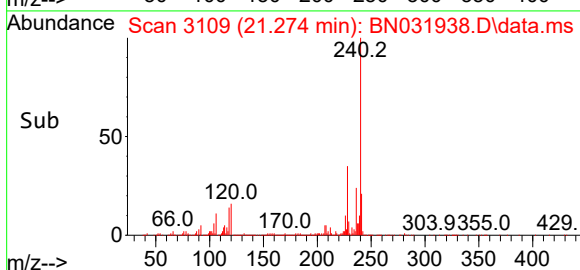
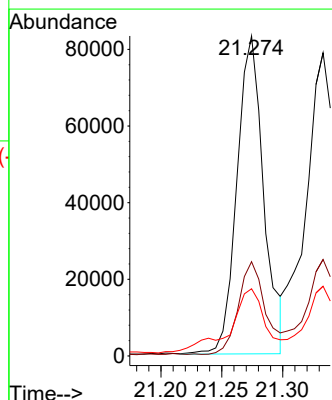
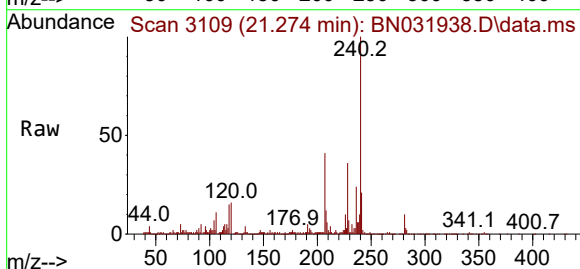
Tgt Ion:228 Resp: 126826

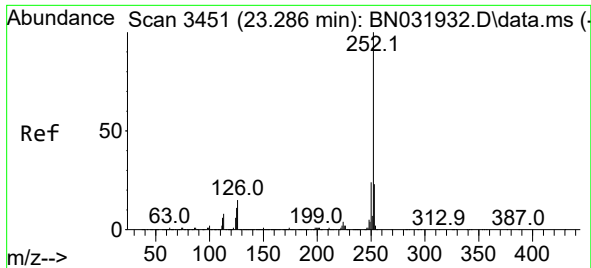
Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

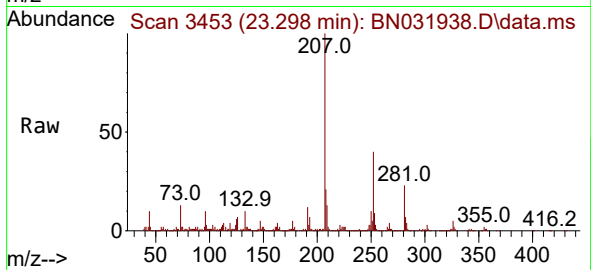
229 21.0 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 1.750 ng/ul
RT: 23.298 min Scan# 3453
Delta R.T. 0.006 min
Lab File: BN031938.D
Acq: 12 Jun 2024 12:46

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 132252
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 14.6 9.2 13.8#

