

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034628.D
 Acq On : 17 Oct 2024 19:17
 Operator : RC/JU
 Sample : P4360-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4FC7

Quant Time: Oct 17 23:47:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

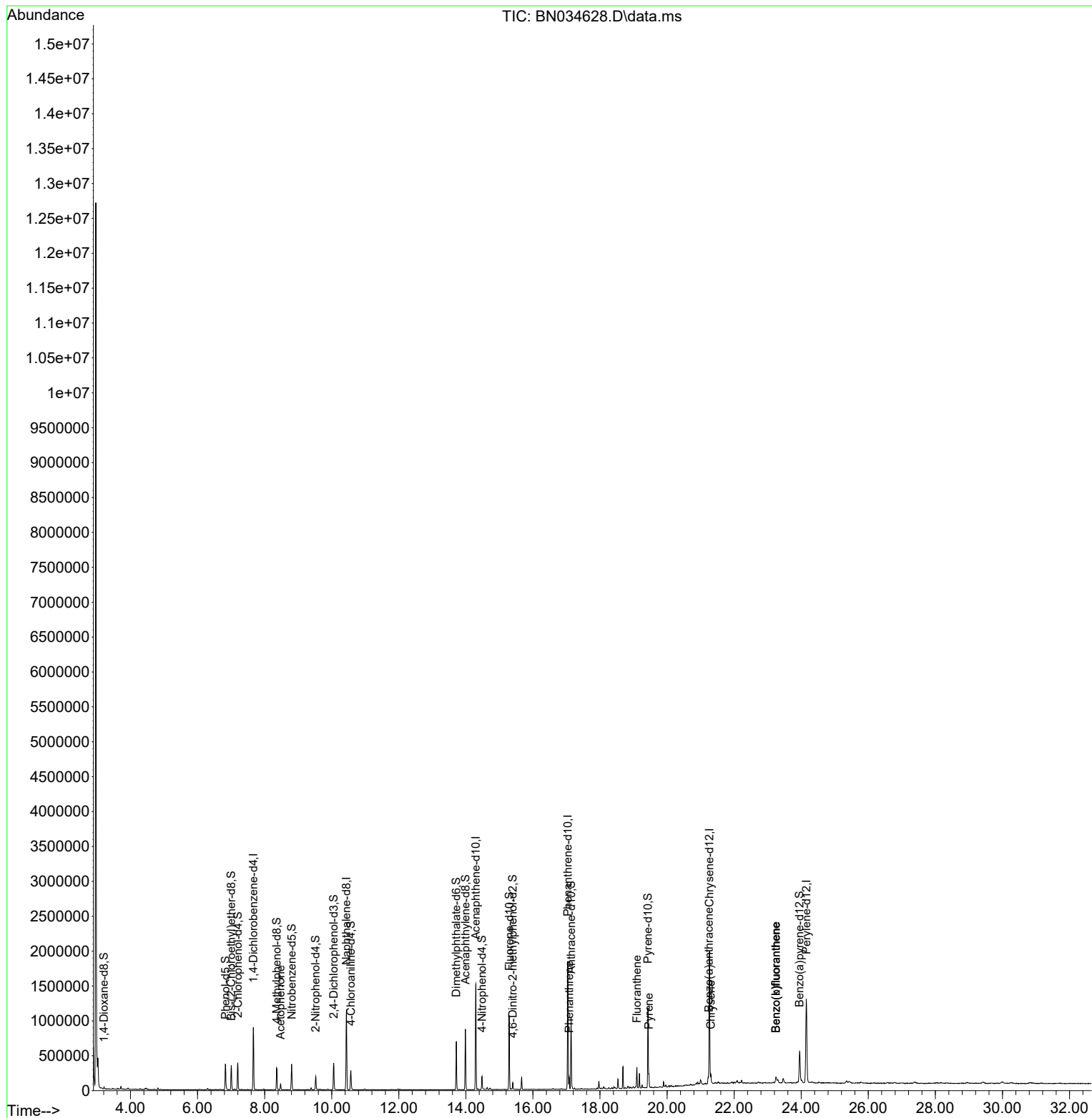
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	231807	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	918101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	510949	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	976163	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	872890	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1003155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	12215	2.109	ng/uL	0.00
4) Pyridine-d5	3.611	84	2606	0.154	ng/ul	0.01
7) Phenol-d5	6.828	99	201390	10.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	148153	12.625	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	173474	11.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.358	113	111378	7.512	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	81033	12.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	57204	11.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	131283	11.281	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	144885	7.258	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	438253	13.558	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	536842	13.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	37617	6.247	ng/ul	0.00
60) Fluorene-d10	15.292	176	394383	14.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	15146	4.629	ng/ul	0.00
73) Anthracene-d10	17.139	188	531391	12.734	ng/ul	0.00
81) Pyrene-d10	19.428	212	539364	12.034	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	371884	8.046	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	43268	1.828	ng/ul	95
72) Phenanthrene	17.081	178	90615	1.860	ng/ul	99
80) Fluoranthene	19.098	202	163818	3.047	ng/ul	99
82) Pyrene	19.457	202	107131	1.870	ng/ul	96
85) Benzo(a)anthracene	21.245	228	67694	1.221	ng/ul	99
87) Chrysene	21.304	228	66143	1.257	ng/ul	98
90) Benzo(b)fluoranthene	23.245	252	91252	1.693	ng/ul	97
91) Benzo(k)fluoranthene	23.245	252	91252	1.657	ng/ul	97

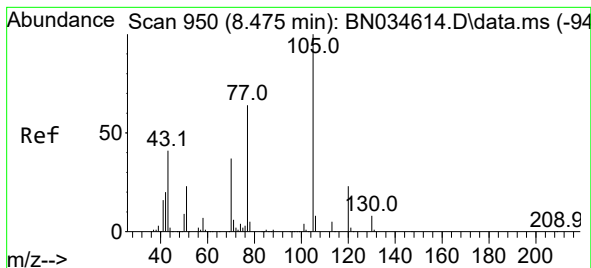
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Acetophenone

Concen: 1.828 ng/ul

RT: 8.475 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

Instrument :

BNA_N

ClientSampleId :

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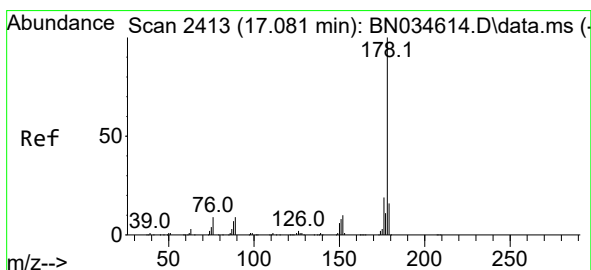
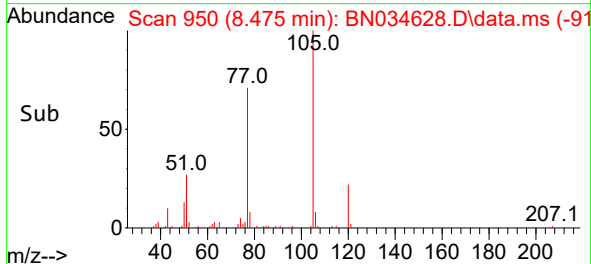
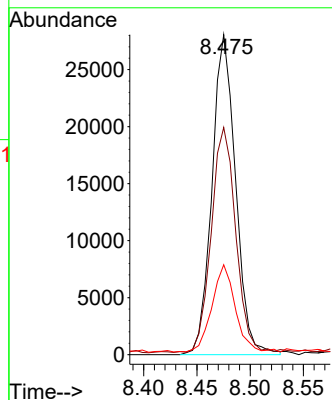
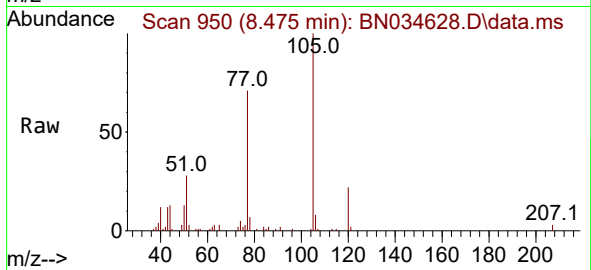
Tgt Ion:105 Resp: 43268

Ion Ratio Lower Upper

105 100

77 71.0 61.4 92.0

51 28.1 22.1 33.1



#72

Phenanthrene

Concen: 1.860 ng/ul

RT: 17.081 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

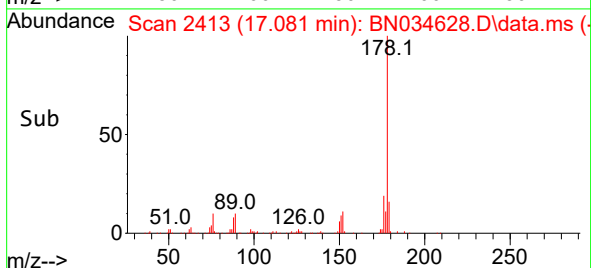
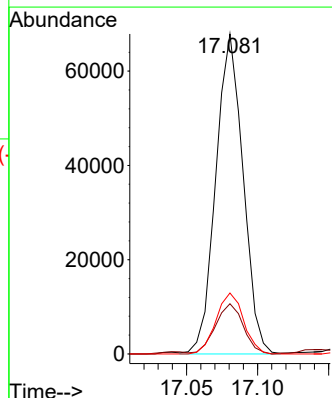
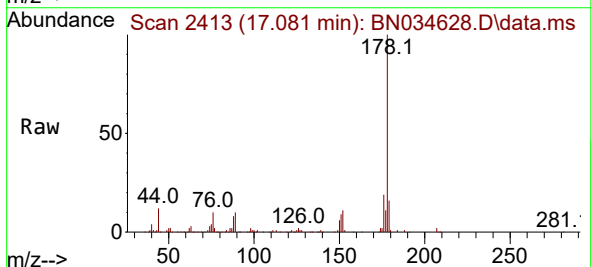
Tgt Ion:178 Resp: 90615

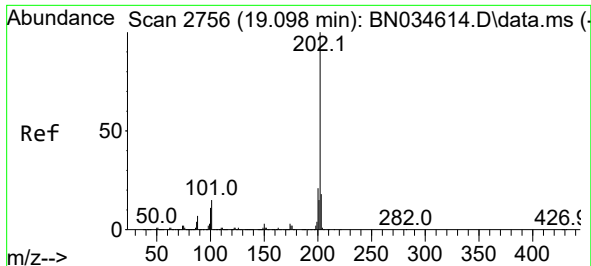
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.0 15.5 23.3

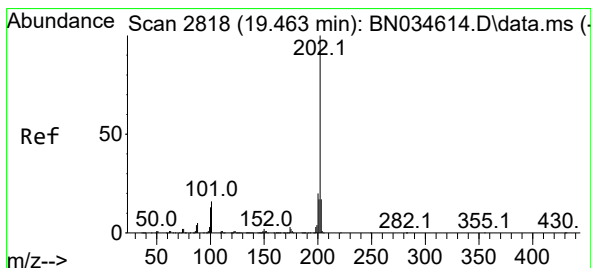
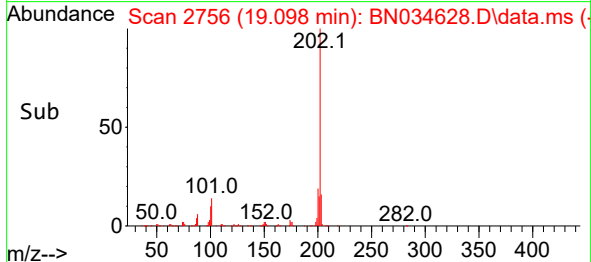
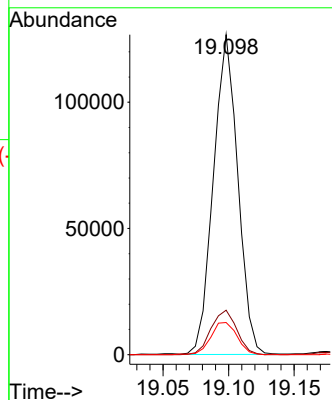
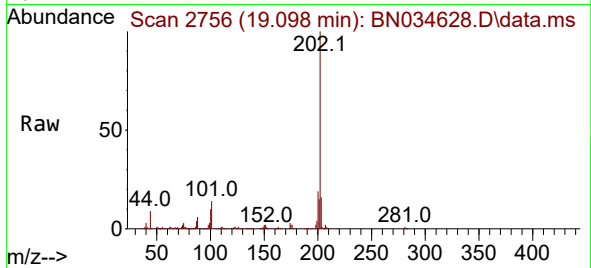




#80
Fluoranthene
Concen: 3.047 ng/ul
RT: 19.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034628.D
Acq: 17 Oct 2024 19:17

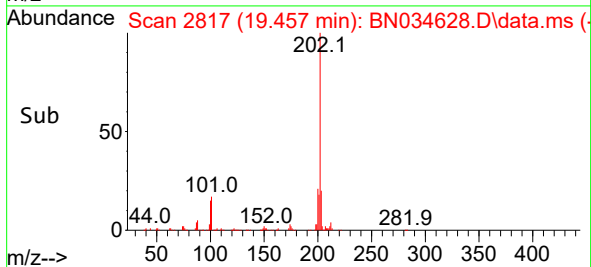
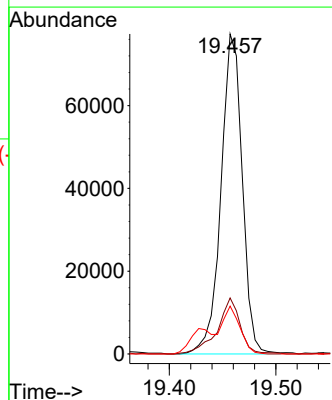
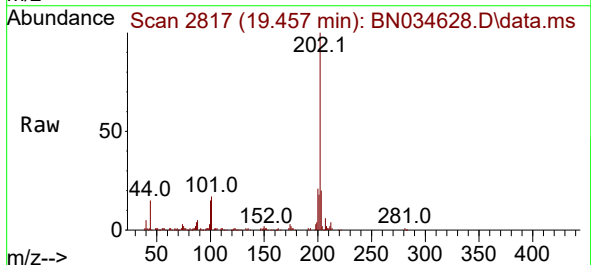
Instrument :
BNA_N
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A4FC7

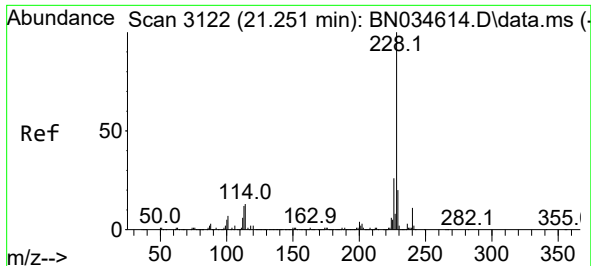
Tgt Ion:202 Resp: 163818
Ion Ratio Lower Upper
202 100
101 13.9 10.6 15.8
100 10.1 8.2 12.2



#82
Pyrene
Concen: 1.870 ng/ul
RT: 19.457 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BN034628.D
Acq: 17 Oct 2024 19:17

Tgt Ion:202 Resp: 107131
Ion Ratio Lower Upper
202 100
101 17.5 12.9 19.3
100 14.9 10.7 16.1





#85

Benzo(a)anthracene

Concen: 1.221 ng/ul

RT: 21.245 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

Instrument :

BNA_N

ClientSampleId :

A4FC7

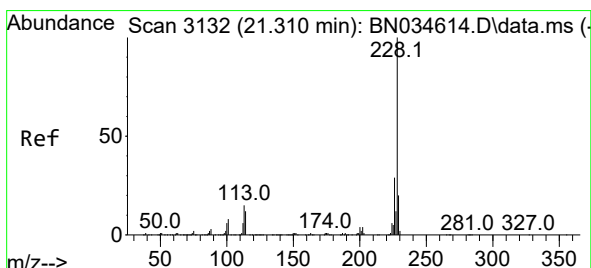
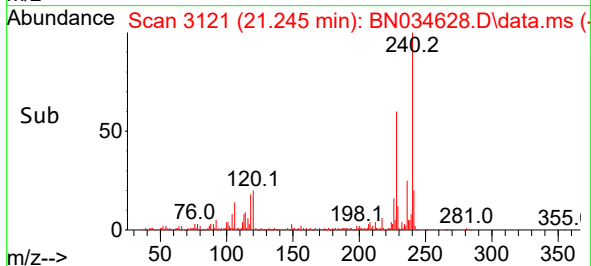
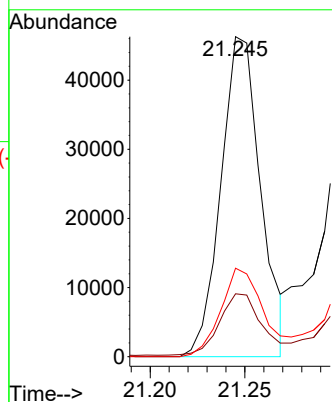
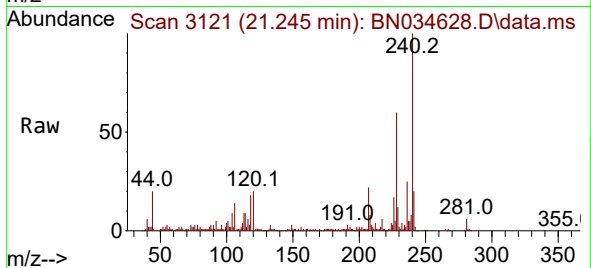
Tgt Ion:228 Resp: 67694

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.6 21.3 31.9



#87

Chrysene

Concen: 1.257 ng/ul

RT: 21.304 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

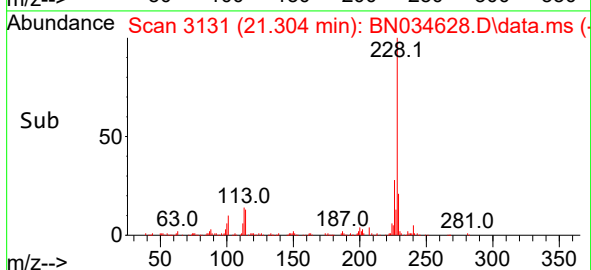
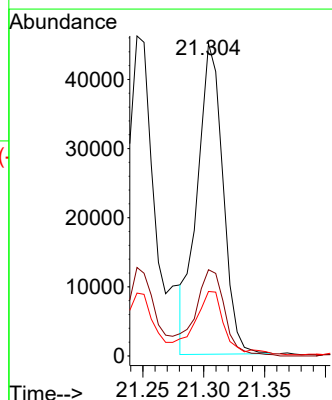
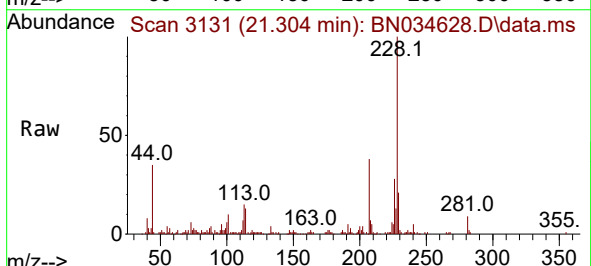
Tgt Ion:228 Resp: 66143

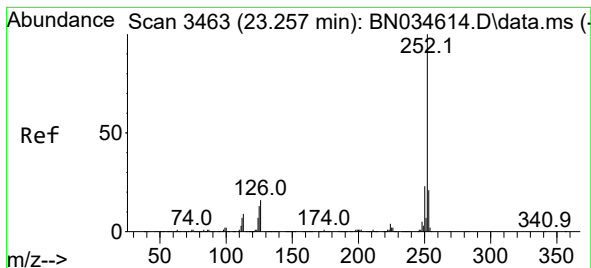
Ion Ratio Lower Upper

228 100

226 27.6 22.6 34.0

229 20.7 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 1.693 ng/ul

RT: 23.245 min Scan# 3463

Delta R.T. -0.012 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

Instrument :

BNA_N

ClientSampleId :

A4FC7

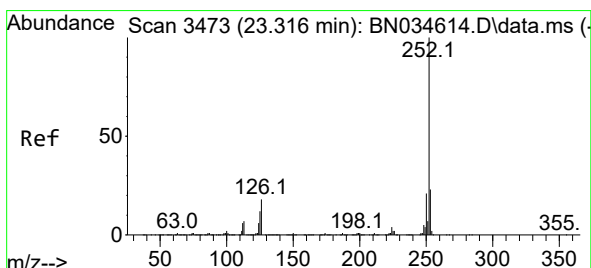
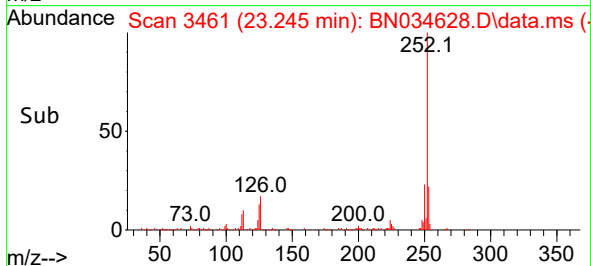
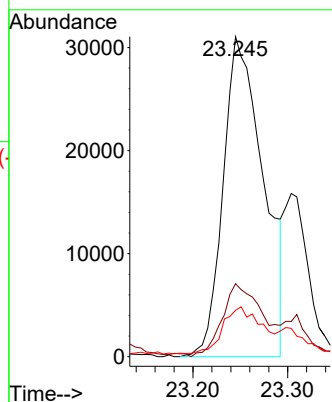
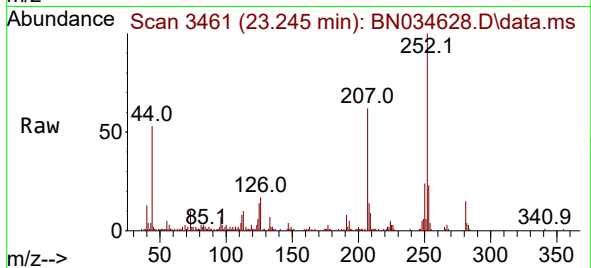
Tgt Ion:252 Resp: 91252

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 14.5 10.3 15.5



#91

Benzo(k)fluoranthene

Concen: 1.657 ng/ul

RT: 23.245 min Scan# 3461

Delta R.T. -0.070 min

Lab File: BN034628.D

Acq: 17 Oct 2024 19:17

Tgt Ion:252 Resp: 91252

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 14.5 10.3 15.5

