

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032121.D
 Acq On : 21 Jun 2024 07:45
 Operator : MA/JU
 Sample : P2710-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B26

Quant Time: Jun 21 08:15:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

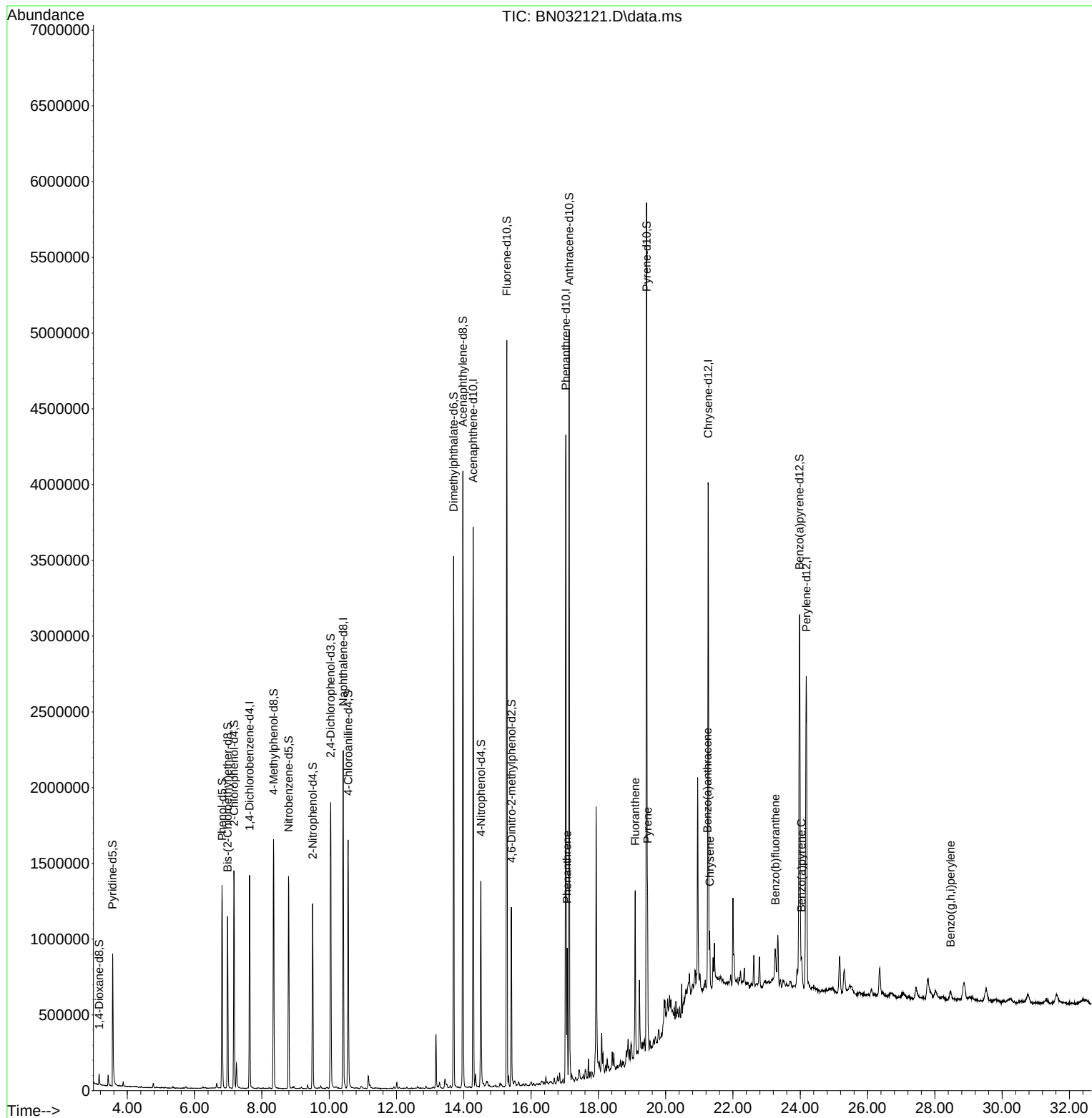
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	404447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1942347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1340540	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2636853	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.263	240	1741343	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1773795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	39050	3.994	ng/uL	0.00
4) Pyridine-d5	3.564	84	527797	19.179	ng/u1	0.00
7) Phenol-d5	6.816	99	842383	24.295	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	463599	22.859	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	735952	27.818	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	678743	24.015	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	396489	26.697	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	449870	29.325	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	778521	27.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	998047	23.471	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2391932	25.612	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2797453	26.051	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	418356	22.373	ng/u1	0.00
60) Fluorene-d10	15.281	176	2076030	26.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	278962	21.047	ng/u1	0.00
73) Anthracene-d10	17.133	188	2925120	25.911	ng/u1	0.00
81) Pyrene-d10	19.433	212	2969996	31.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2246400	26.522	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	519709	3.869	ng/u1	100
80) Fluoranthene	19.098	202	613067	5.505	ng/u1	95
82) Pyrene	19.463	202	631593	5.528	ng/u1	94
85) Benzo(a)anthracene	21.245	228	225423	1.934	ng/u1	98
87) Chrysene	21.310	228	237161	2.178	ng/u1	98
90) Benzo(b)fluoranthene	23.262	252	223828	2.111	ng/u1#	94
93) Benzo(a)pyrene	24.039	252	167654	1.688	ng/u1#	94
96) Benzo(g,h,i)perylene	28.468	276	104154	1.145	ng/u1	95

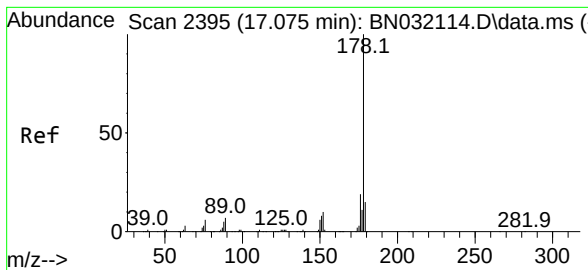
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.869 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

Instrument :

BNA_N

ClientSampleId :

A4B26

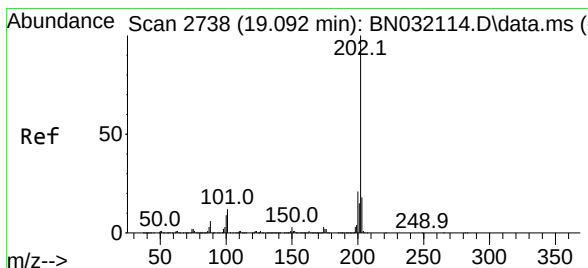
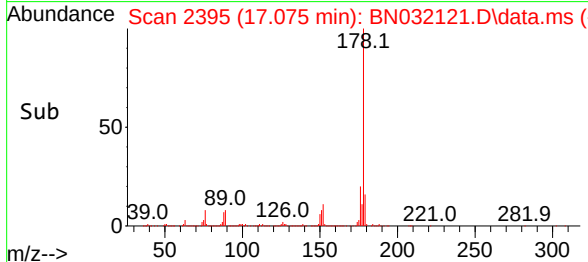
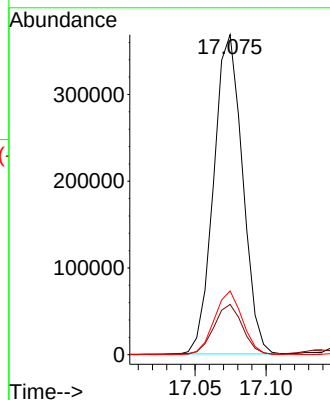
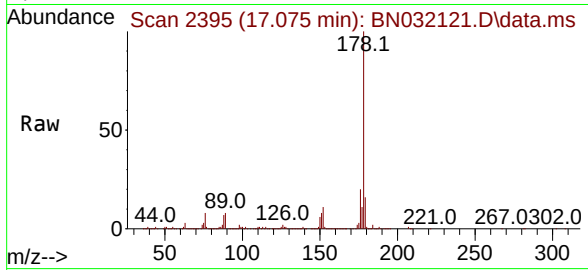
Tgt Ion:178 Resp: 519709

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

176 19.9 15.8 23.6



#80

Fluoranthene

Concen: 5.505 ng/ul

RT: 19.098 min Scan# 2739

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

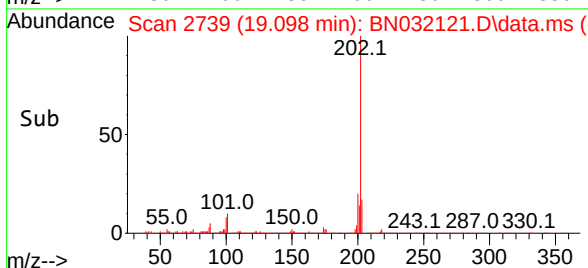
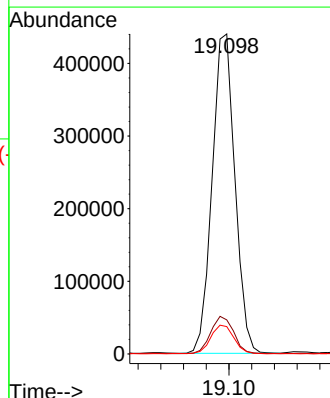
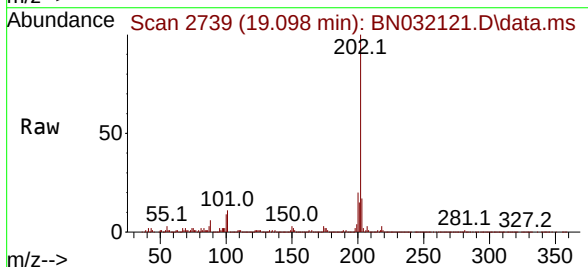
Tgt Ion:202 Resp: 613067

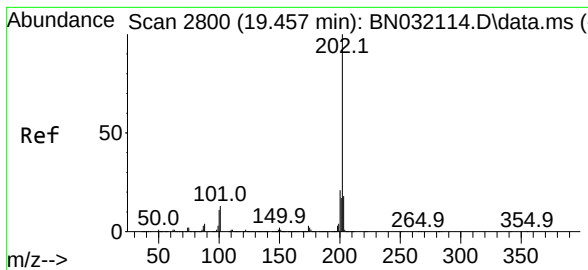
Ion Ratio Lower Upper

202 100

101 10.6 10.3 15.5

100 8.6 8.0 12.0





#82

Pyrene

Concen: 5.528 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

Instrument :

BNA_N

ClientSampleId :

A4B26

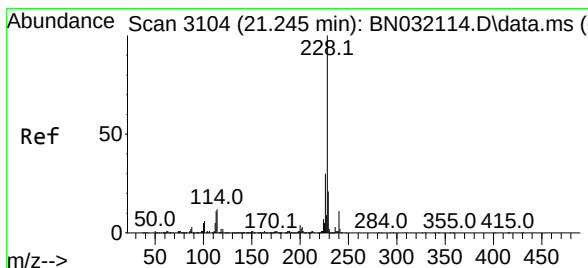
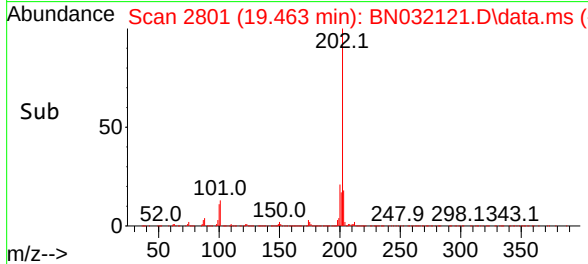
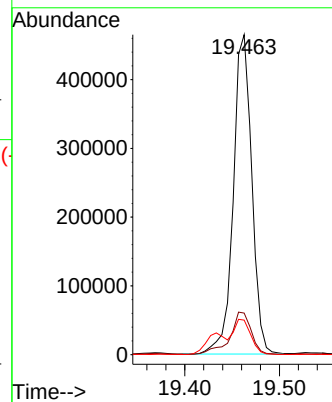
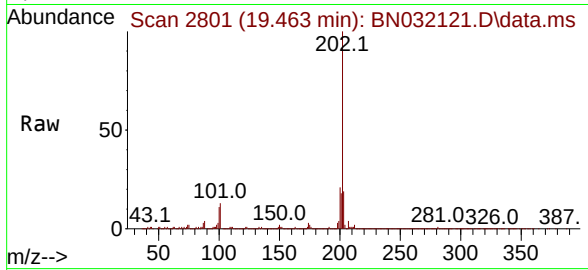
Tgt Ion:202 Resp: 631593

Ion Ratio Lower Upper

202 100

101 13.0 12.6 18.8

100 10.8 10.2 15.2



#85

Benzo(a)anthracene

Concen: 1.934 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

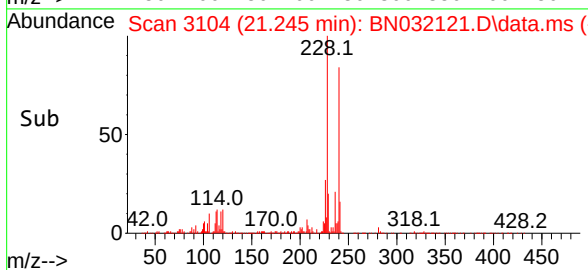
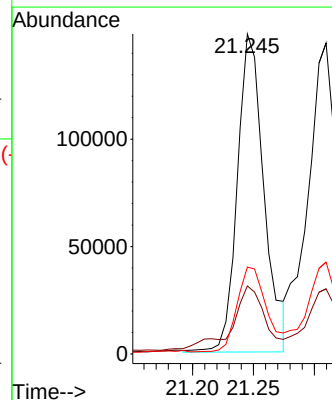
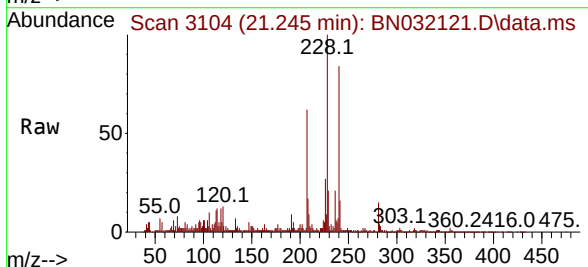
Tgt Ion:228 Resp: 225423

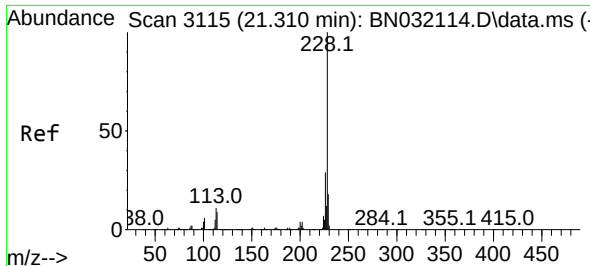
Ion Ratio Lower Upper

228 100

229 21.2 16.7 25.1

226 27.2 22.8 34.2





#87

Chrysene

Concen: 2.178 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

Instrument :

BNA_N

ClientSampleId :

A4B26

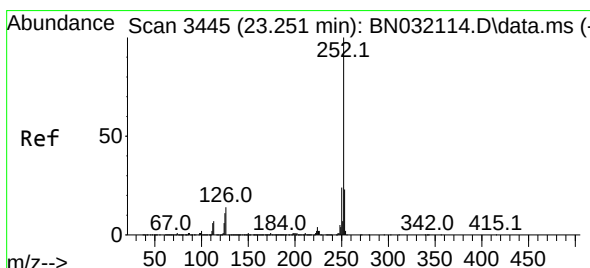
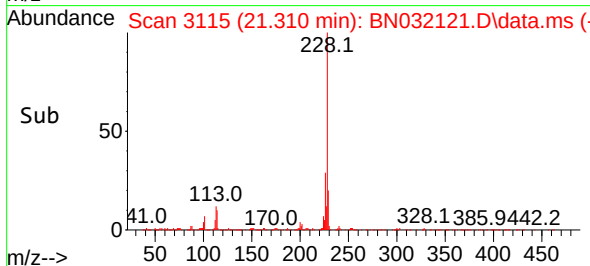
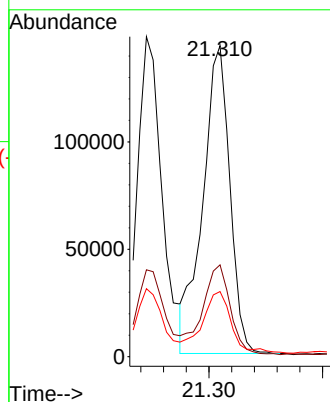
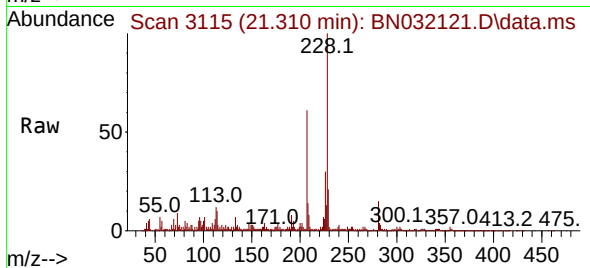
Tgt Ion:228 Resp: 237161

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: 2.111 ng/ul

RT: 23.262 min Scan# 3447

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

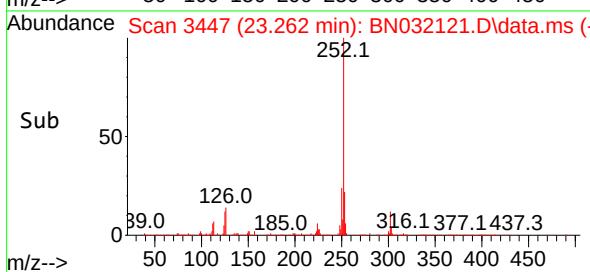
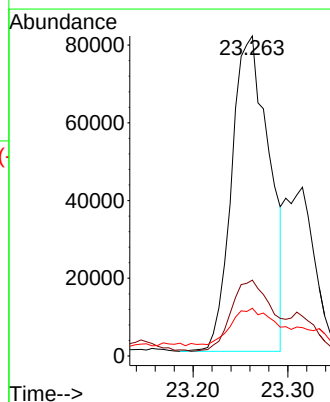
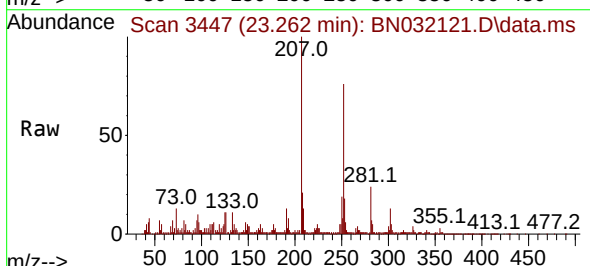
Tgt Ion:252 Resp: 223828

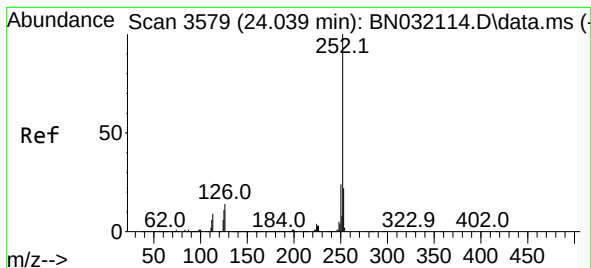
Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

125 14.9 9.2 13.8#





#93

Benzo(a)pyrene

Concen: 1.688 ng/ul

RT: 24.039 min Scan# 3579

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

Instrument :

BNA_N

ClientSampleId :

A4B26

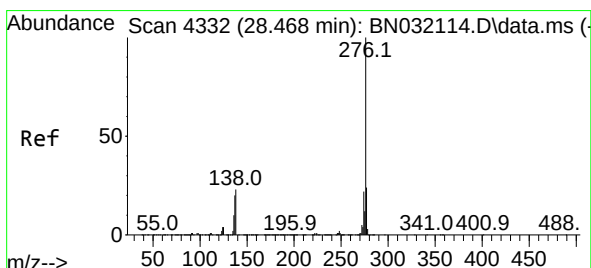
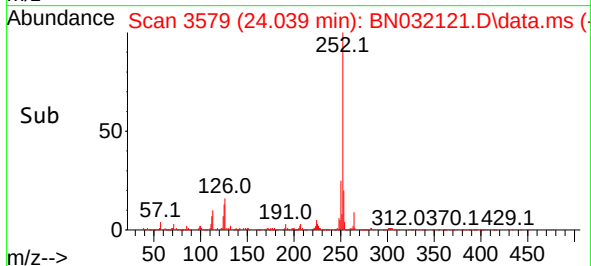
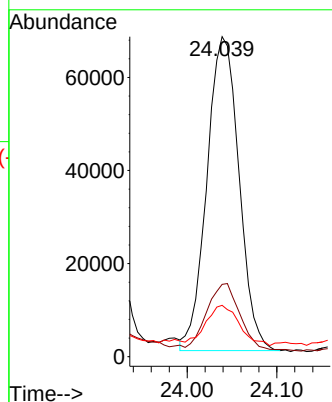
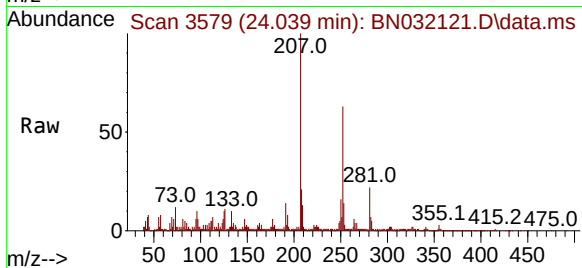
Tgt Ion:252 Resp: 167654

Ion Ratio Lower Upper

252 100

253 22.6 16.6 24.8

125 16.1 9.8 14.8#



#96

Benzo(g,h,i)perylene

Concen: 1.145 ng/ul

RT: 28.468 min Scan# 4332

Delta R.T. 0.000 min

Lab File: BN032121.D

Acq: 21 Jun 2024 07:45

Tgt Ion:276 Resp: 104154

Ion Ratio Lower Upper

276 100

138 24.1 20.9 31.3

277 25.1 18.0 27.0

