

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032107.D
 Acq On : 20 Jun 2024 21:58
 Operator : MA/JU
 Sample : P2710-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN0

Quant Time: Jun 21 02:26:09 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

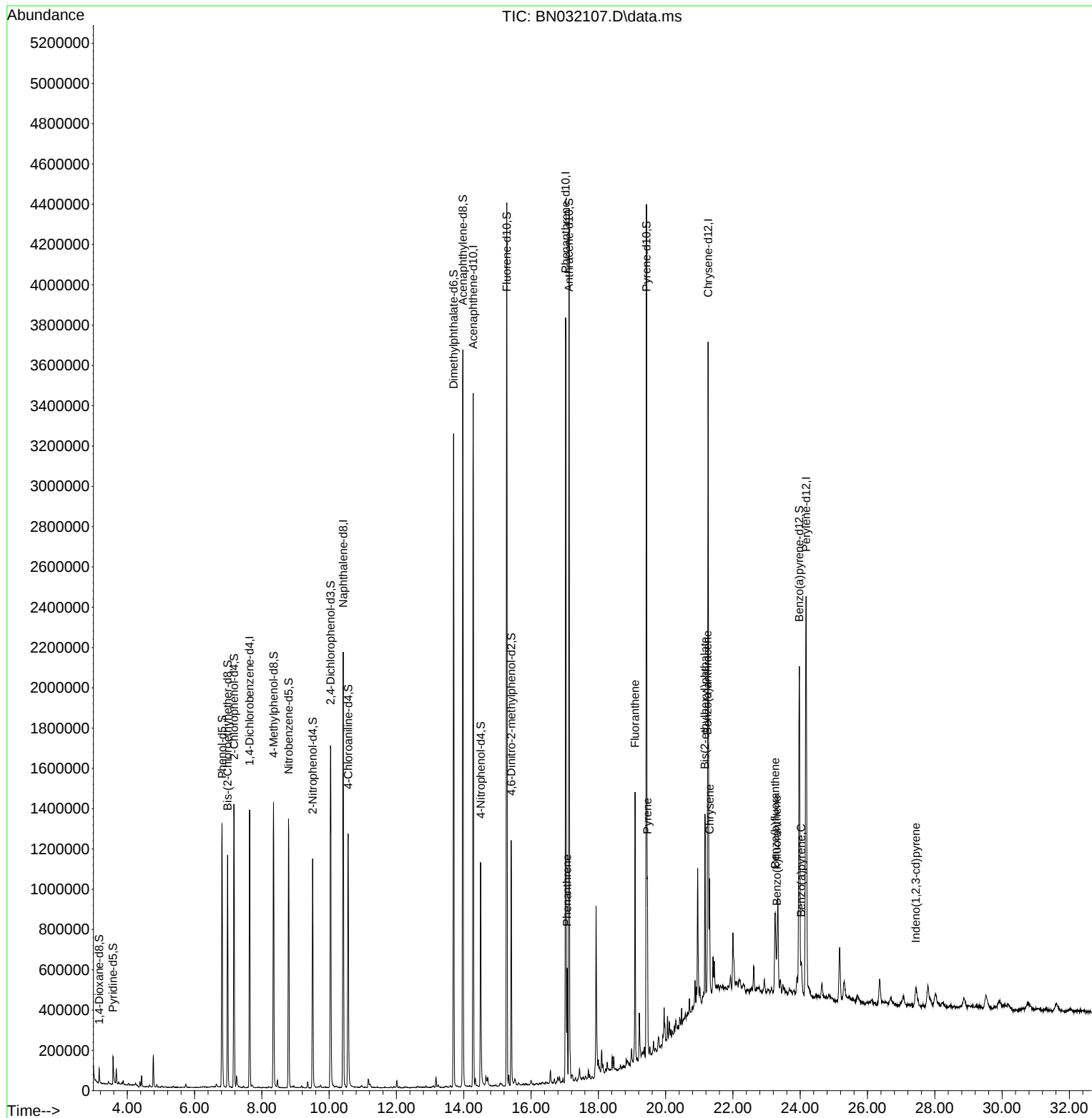
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	399522	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1840303	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	1239710	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	2319497	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1583276	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1750905	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	38373	3.974	ng/uL	0.00
4) Pyridine-d5	3.575	84	71487	2.630	ng/u1	0.00
7) Phenol-d5	6.816	99	815303	23.804	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	458843	22.903	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	712649	27.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	578298	20.713	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	372947	26.505	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	406570	27.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	688159	25.360	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	766759	19.031	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2186427	25.316	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2494322	25.117	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	333611	19.292	ng/u1	0.00
60) Fluorene-d10	15.281	176	1836175	25.127	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	275207	23.605	ng/u1	0.00
73) Anthracene-d10	17.128	188	2509328	25.269	ng/u1	0.00
81) Pyrene-d10	19.428	212	2228204	26.299	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1439104	17.213	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	339588	2.874	ng/u1	96
80) Fluoranthene	19.092	202	773076	7.635	ng/u1	97
82) Pyrene	19.457	202	506499	4.876	ng/u1	94
85) Benzo(a)anthracene	21.245	228	273718	2.583	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	383893	5.367	ng/u1	99
87) Chrysene	21.304	228	346518	3.501	ng/u1	99
90) Benzo(b)fluoranthene	23.257	252	458896	4.385	ng/u1	99
91) Benzo(k)fluoranthene	23.304	252	121977	1.188	ng/u1	97
93) Benzo(a)pyrene	24.027	252	133802	1.365	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	27.439	276	132594	1.174	ng/u1	96

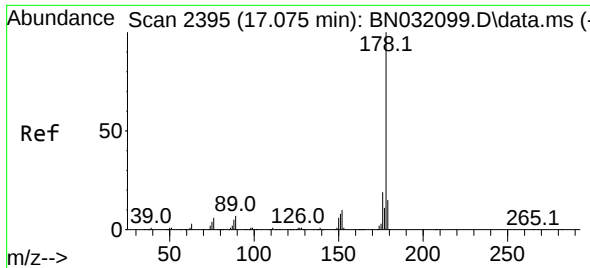
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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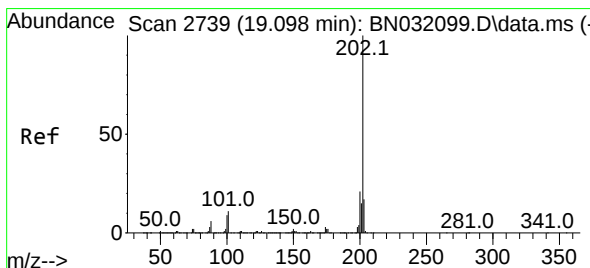
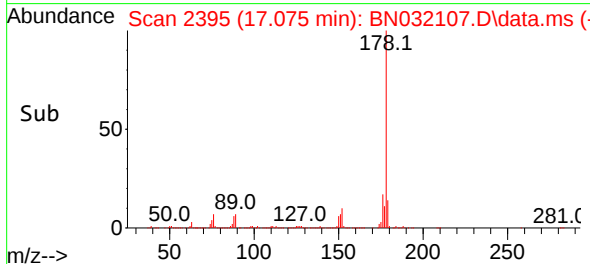
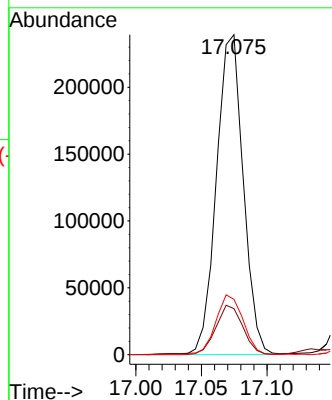
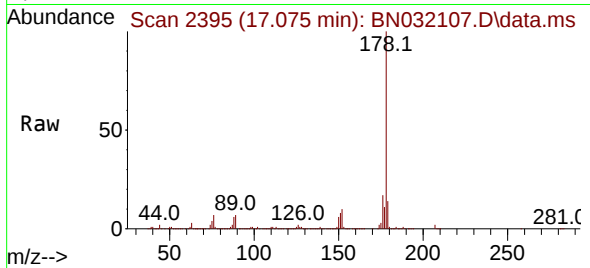




#72
Phenanthrene
Concen: 2.874 ng/u1
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032107.D
Acq: 20 Jun 2024 21:58

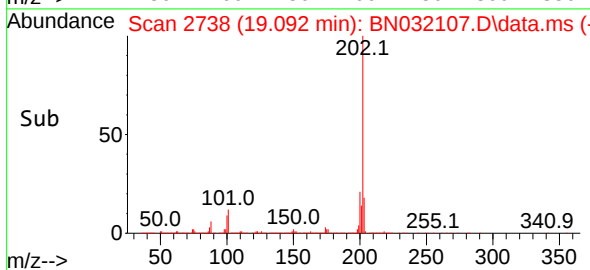
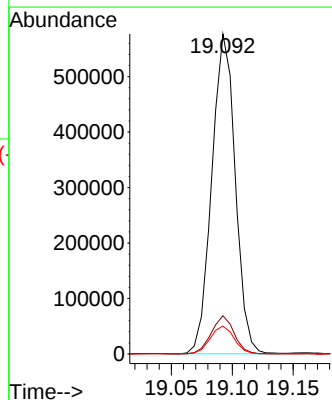
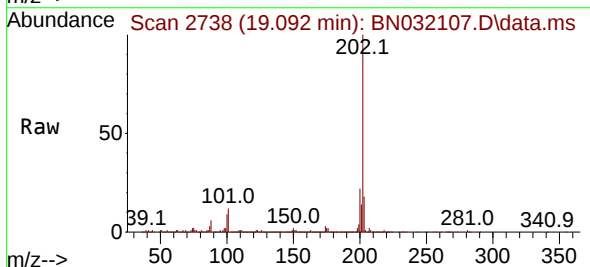
Instrument :
BNA_N
ClientSampleId :
A4BN0

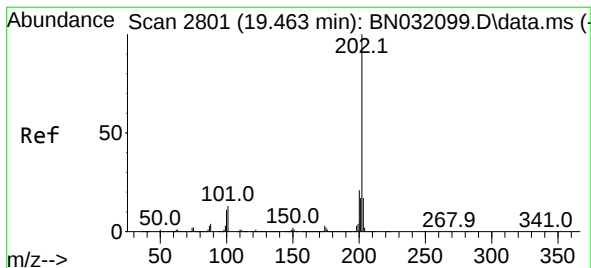
Tgt Ion:178 Resp: 339588
Ion Ratio Lower Upper
178 100
179 14.4 12.6 19.0
176 17.3 15.8 23.6



#80
Fluoranthene
Concen: 7.635 ng/u1
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN032107.D
Acq: 20 Jun 2024 21:58

Tgt Ion:202 Resp: 773076
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 8.7 8.0 12.0





#82

Pyrene

Concen: 4.876 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032107.D

Acq: 20 Jun 2024 21:58

Instrument :

BNA_N

ClientSampleId :

A4BN0

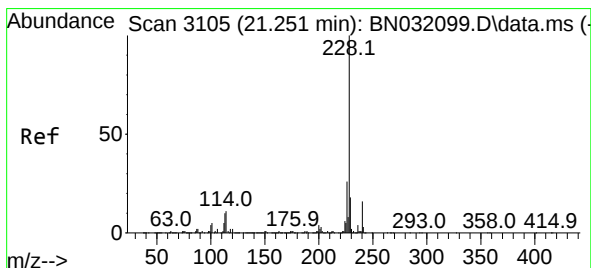
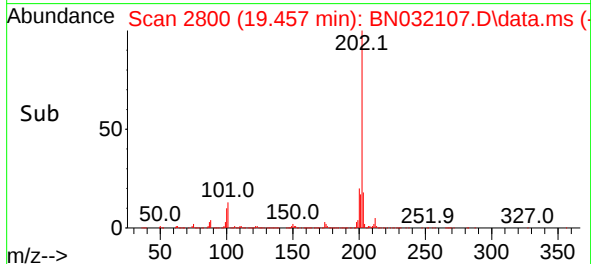
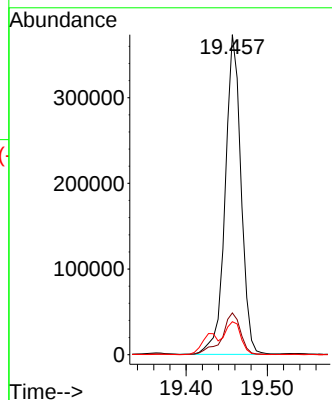
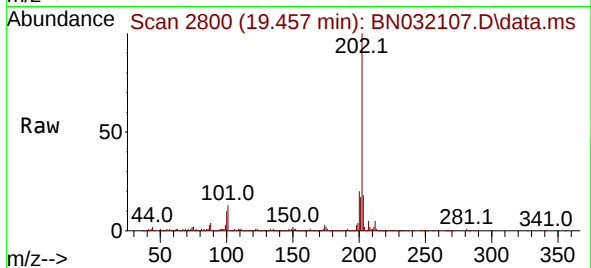
Tgt Ion:202 Resp: 506499

Ion Ratio Lower Upper

202 100

101 13.1 12.6 18.8

100 10.3 10.2 15.2



#85

Benzo(a)anthracene

Concen: 2.583 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032107.D

Acq: 20 Jun 2024 21:58

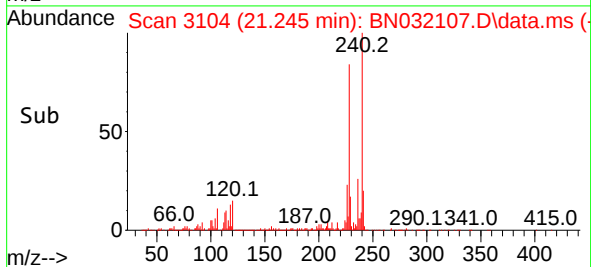
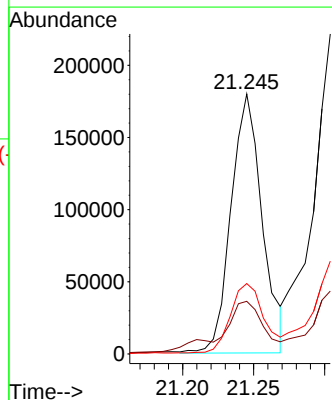
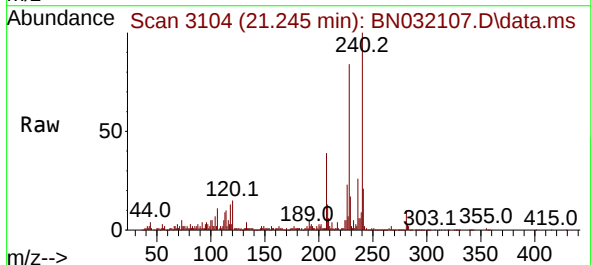
Tgt Ion:228 Resp: 273718

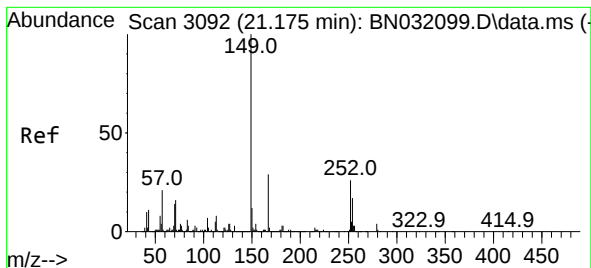
Ion Ratio Lower Upper

228 100

229 20.3 16.7 25.1

226 27.1 22.8 34.2

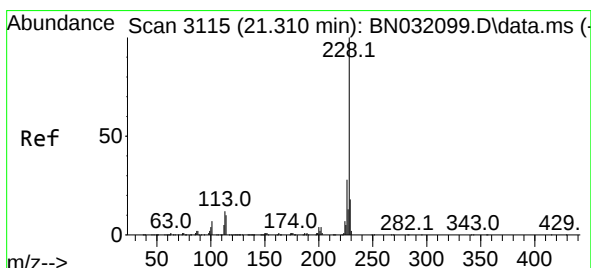
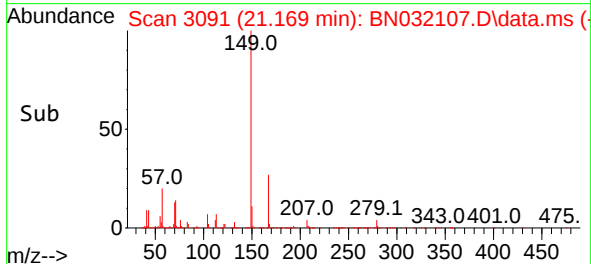
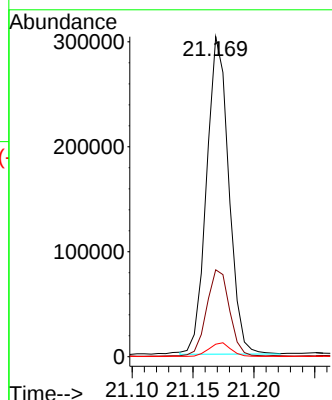
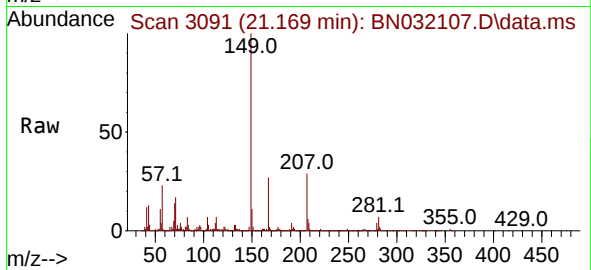




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.367 ng/ul
 RT: 21.169 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BN032107.D
 Acq: 20 Jun 2024 21:58

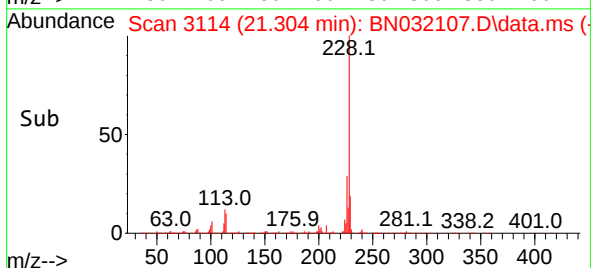
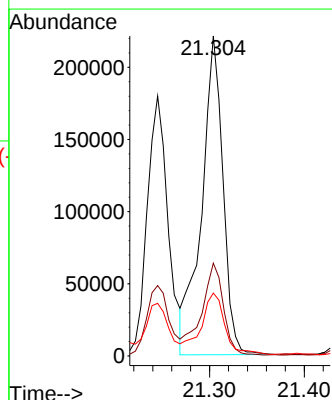
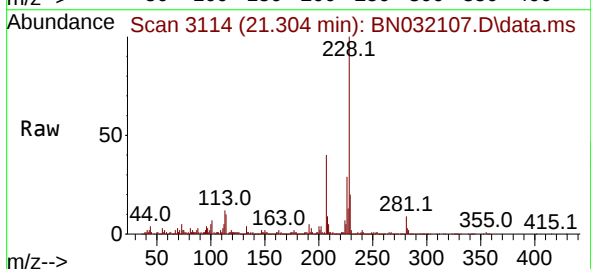
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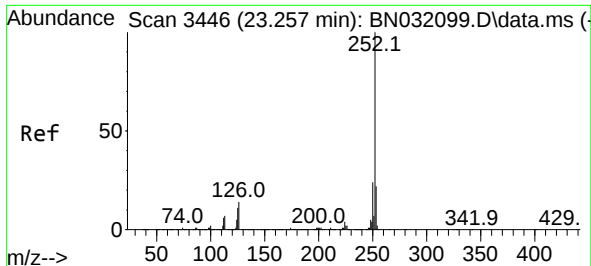
Tgt Ion:149 Resp: 383893
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 3.9 3.3 4.9



#87
 Chrysene
 Concen: 3.501 ng/ul
 RT: 21.304 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BN032107.D
 Acq: 20 Jun 2024 21:58

Tgt Ion:228 Resp: 346518
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.7 35.5
 229 19.7 15.1 22.7

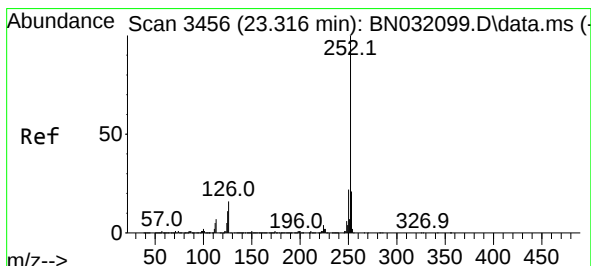
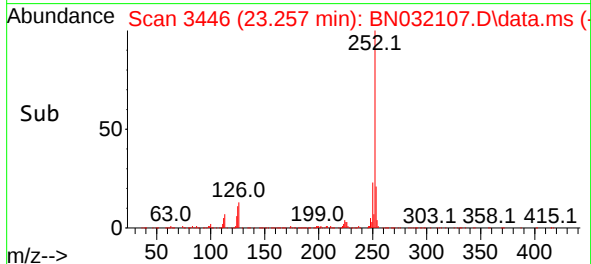
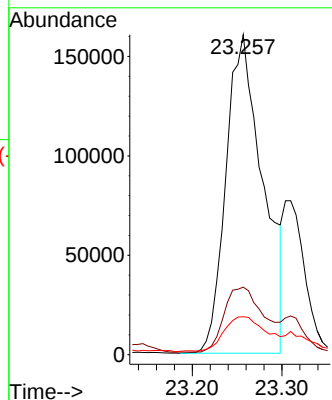
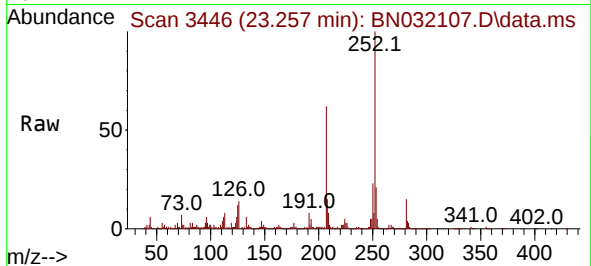




#90
Benzo(b)fluoranthene
Concen: 4.385 ng/ul
RT: 23.257 min Scan# 3446
Delta R.T. -0.006 min
Lab File: BN032107.D
Acq: 20 Jun 2024 21:58

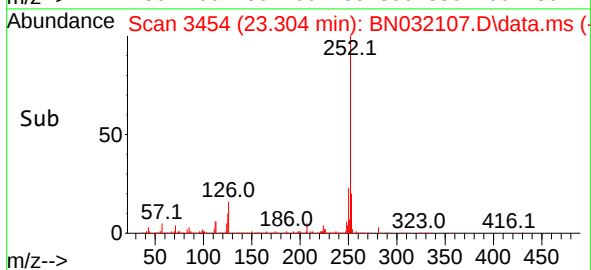
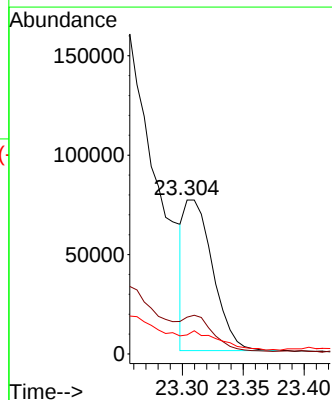
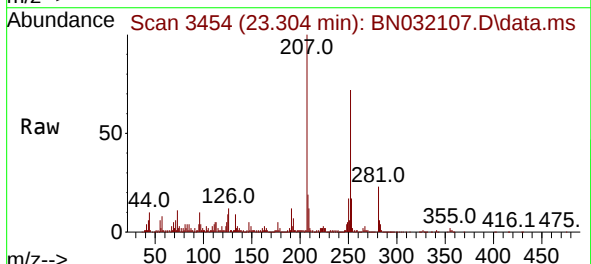
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BNA_N
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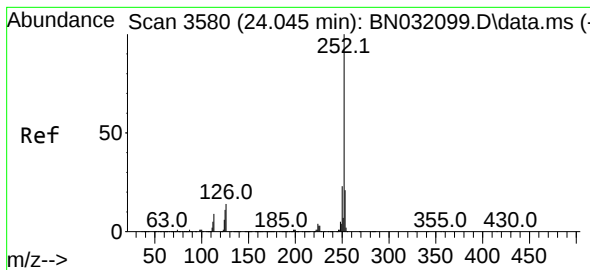
Tgt Ion:252 Resp: 458896
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 11.9 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 1.188 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.017 min
Lab File: BN032107.D
Acq: 20 Jun 2024 21:58

Tgt Ion:252 Resp: 121977
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 1.365 ng/ul

RT: 24.027 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN032107.D

Acq: 20 Jun 2024 21:58

Instrument :

BNA_N

ClientSampleId :

A4BN0

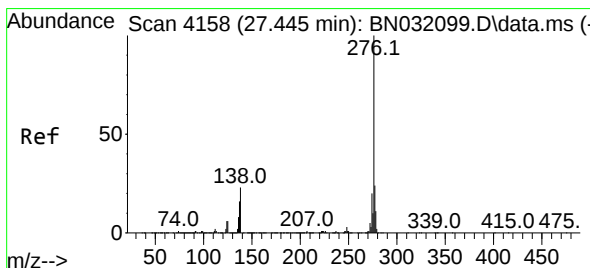
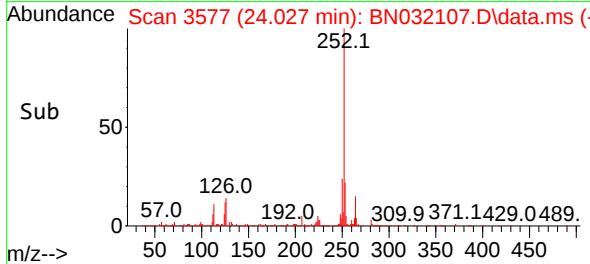
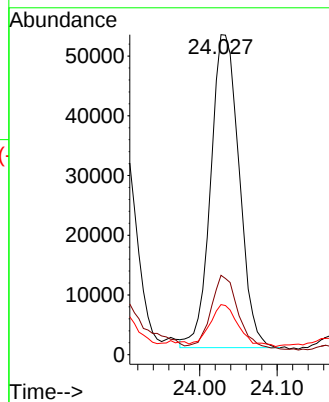
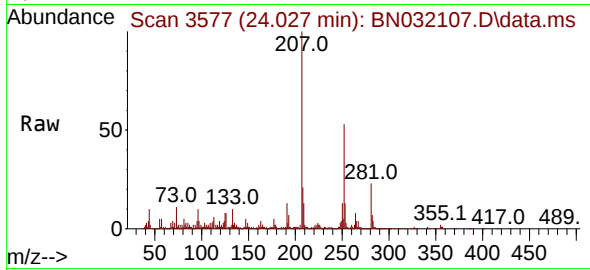
Tgt Ion:252 Resp: 133802

Ion Ratio Lower Upper

252 100

253 24.8 16.6 24.8

125 15.7 9.8 14.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.174 ng/ul

RT: 27.439 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BN032107.D

Acq: 20 Jun 2024 21:58

Tgt Ion:276 Resp: 132594

Ion Ratio Lower Upper

276 100

138 22.6 18.1 27.1

277 26.2 18.2 27.2

