

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022375.D
 Acq On : 27 Oct 2022 23:38
 Operator : CG/JU
 Sample : N5119-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC3

Quant Time: Oct 28 00:38:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

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

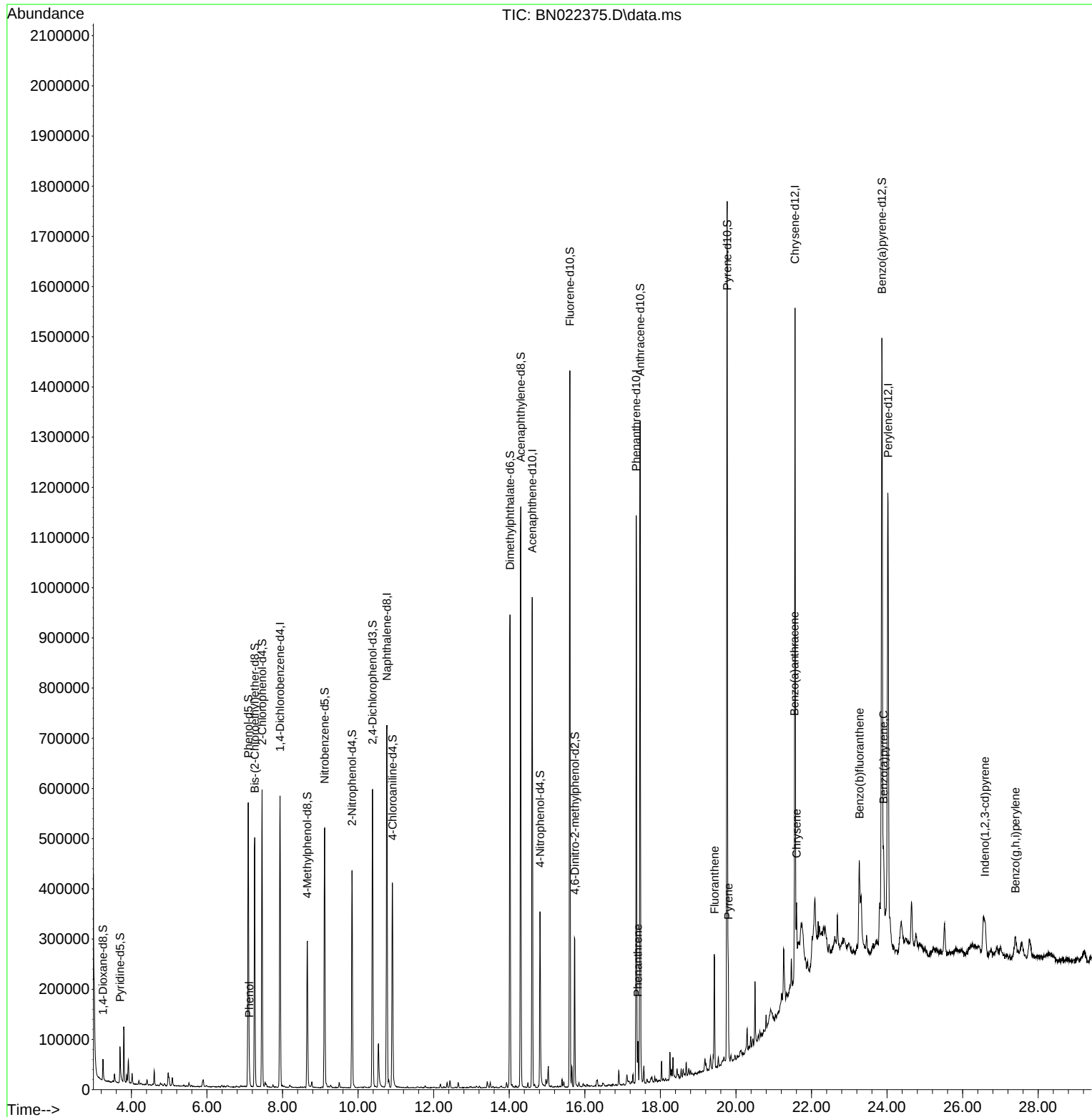
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	152390	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	600044	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	330253	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	608193	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	580873	20.000	ng/u1	-0.01
88) Perylene-d12	24.027	264	618440	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	21130	5.255	ng/uL	0.00
4) Pyridine-d5	3.699	84	28735	2.298	ng/u1	0.02
7) Phenol-d5	7.093	99	329662	22.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	222727	23.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	267643	25.911	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	114012	9.631	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	128537	29.214	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	135436	30.032	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	207869	24.556	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	234905	16.973	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	610579	26.522	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	726881	28.275	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	87891	17.886	ng/u1	0.00
60) Fluorene-d10	15.604	176	526212	27.100	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	55225	15.916	ng/u1	0.00
73) Anthracene-d10	17.463	188	712407	26.954	ng/u1	0.00
81) Pyrene-d10	19.768	212	879718	30.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	825340	27.213	ng/u1	-0.01
Target Compounds						Qvalue
8) Phenol	7.122	94	17345	1.097	ng/u1	98
72) Phenanthrene	17.404	178	47575	1.450	ng/u1	98
80) Fluoranthene	19.433	202	126557	3.486	ng/u1	99
82) Pyrene	19.798	202	110052	2.898	ng/u1	98
85) Benzo(a)anthracene	21.551	228	67521	1.819	ng/u1#	96
87) Chrysene	21.604	228	71800	2.013	ng/u1	94
90) Benzo(b)fluoranthene	23.268	252	115107	2.951	ng/u1	99
93) Benzo(a)pyrene	23.909	252	76086	2.183	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.591	276	60229	1.382	ng/u1	96
96) Benzo(g,h,i)perylene	27.397	276	52782	1.346	ng/u1	96

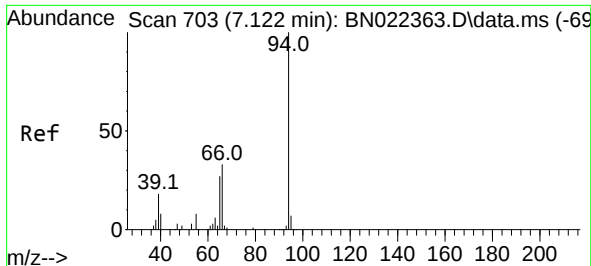
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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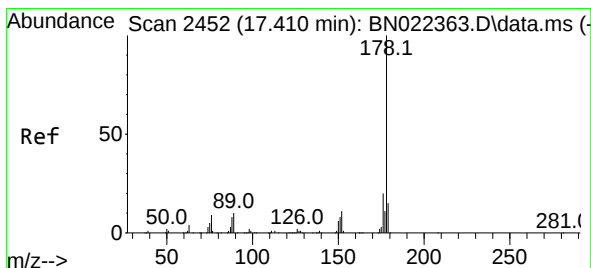
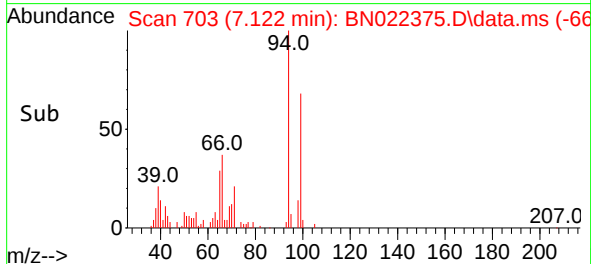
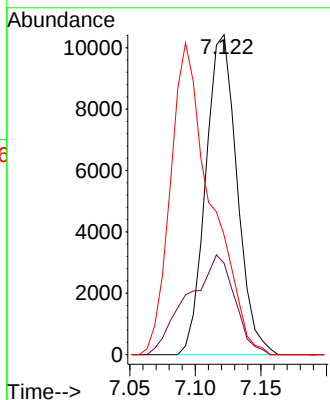
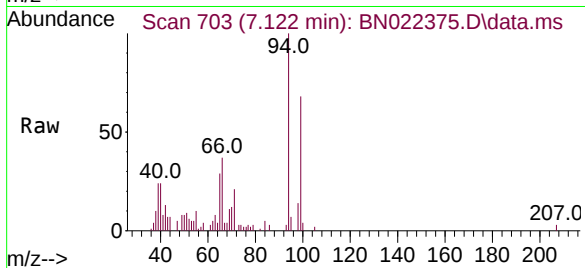




#8
Phenol
Concen: 1.097 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: BN022375.D
Acq: 27 Oct 2022 23:38

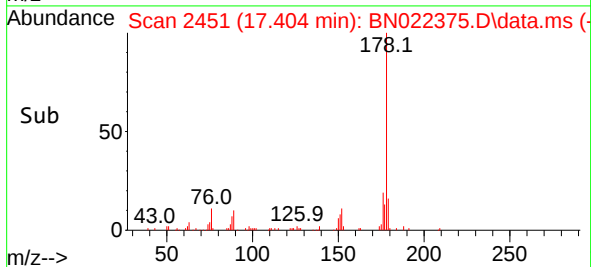
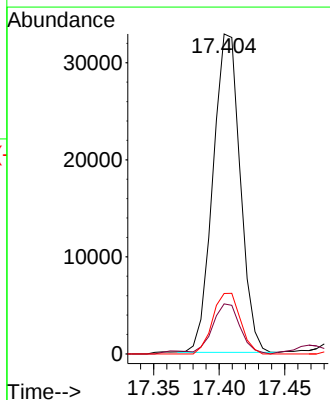
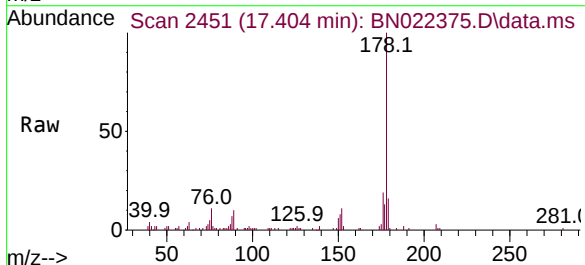
Instrument :
BNA_N
ClientSampleId :
C0BC3

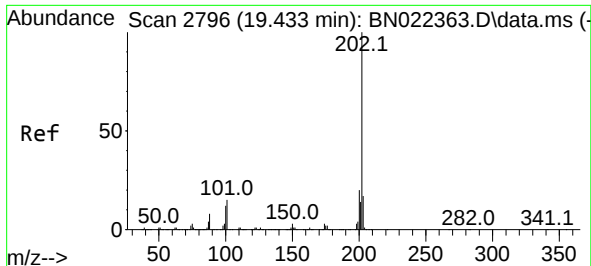
Tgt Ion: 94 Resp: 17345
Ion Ratio Lower Upper
94 100
65 28.5 22.1 33.1
66 37.3 29.0 43.6



#72
Phenanthrene
Concen: 1.450 ng/ul
RT: 17.404 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BN022375.D
Acq: 27 Oct 2022 23:38

Tgt Ion: 178 Resp: 47575
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.9 16.5 24.7

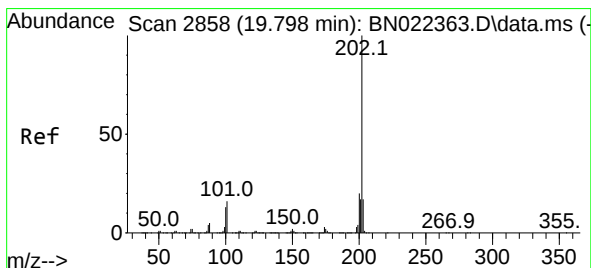
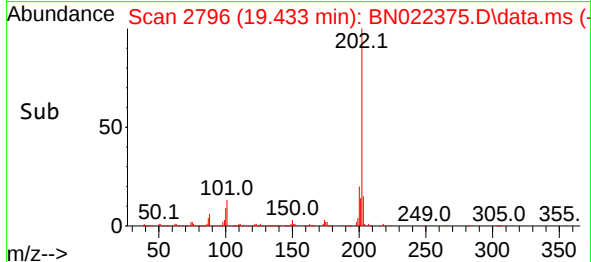
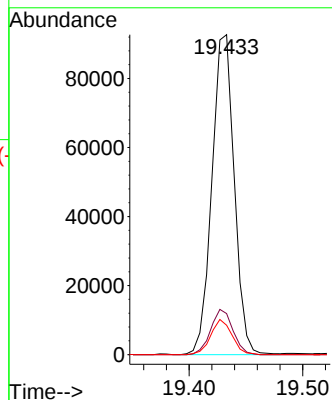
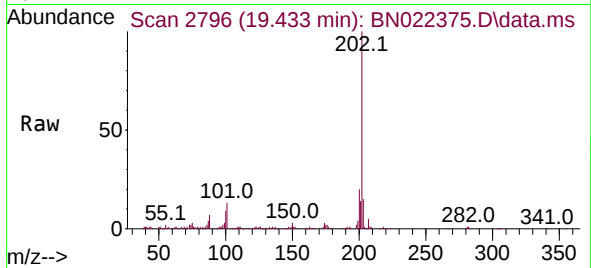




#80
Fluoranthene
Concen: 3.486 ng/u1
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022375.D
Acq: 27 Oct 2022 23:38

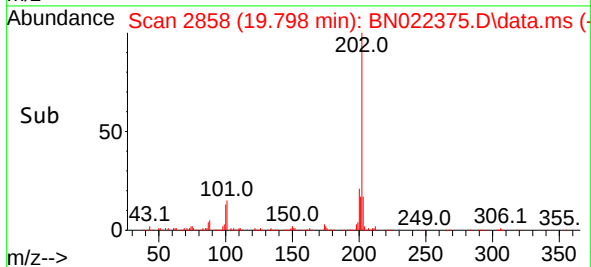
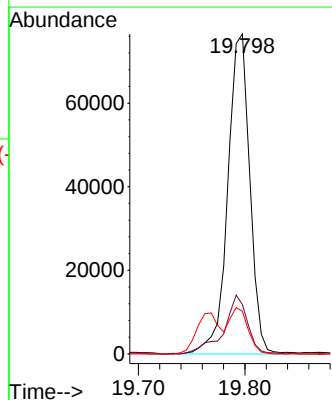
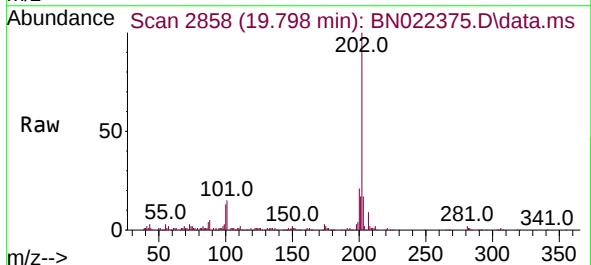
Instrument :
BNA_N
ClientSampleId :
C0BC3

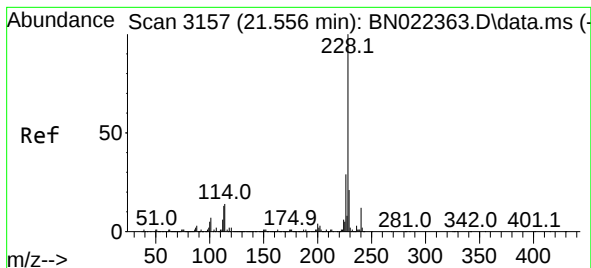
Tgt Ion:202 Resp: 126557
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.2 7.8 11.8



#82
Pyrene
Concen: 2.898 ng/u1
RT: 19.798 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BN022375.D
Acq: 27 Oct 2022 23:38

Tgt Ion:202 Resp: 110052
Ion Ratio Lower Upper
202 100
101 15.4 13.4 20.0
100 13.3 10.9 16.3





#85

Benzo(a)anthracene

Concen: 1.819 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BN022375.D

Acq: 27 Oct 2022 23:38

Instrument :

BNA_N

ClientSampleId :

C0BC3

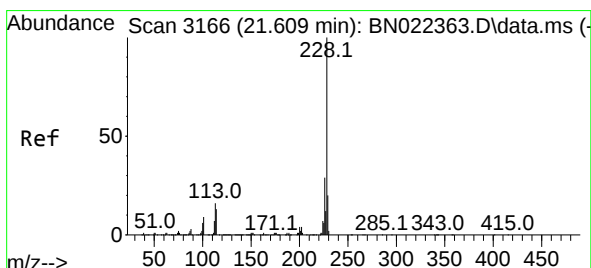
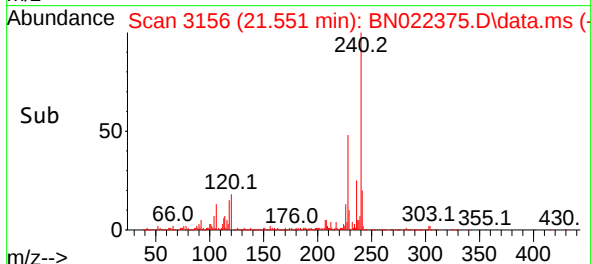
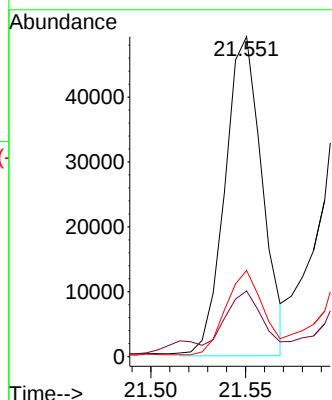
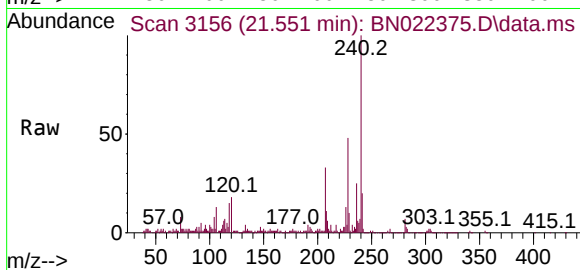
Tgt Ion:228 Resp: 67521

Ion Ratio Lower Upper

228 100

229 20.5 13.5 20.3#

226 26.9 21.0 31.6



#87

Chrysene

Concen: 2.013 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BN022375.D

Acq: 27 Oct 2022 23:38

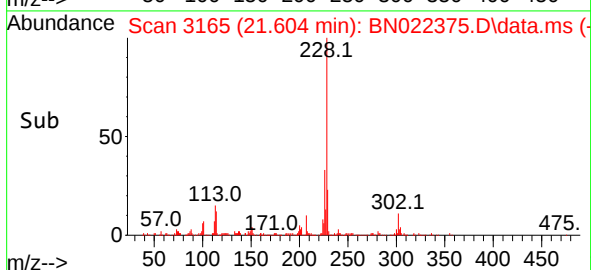
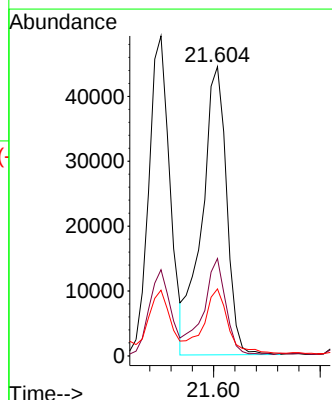
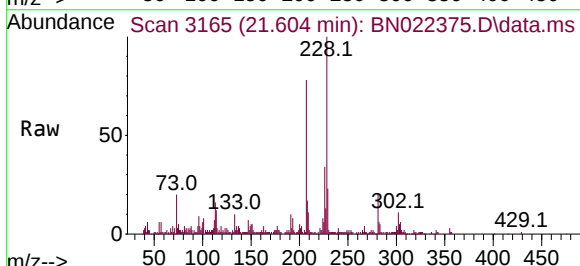
Tgt Ion:228 Resp: 71800

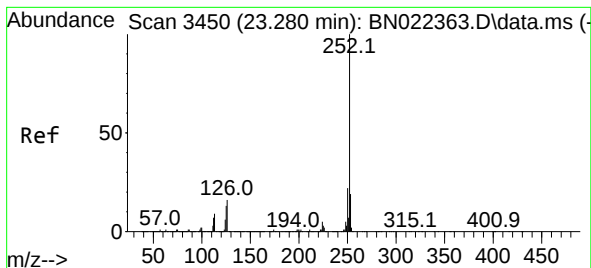
Ion Ratio Lower Upper

228 100

226 33.7 23.8 35.8

229 23.1 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 2.951 ng/ul

RT: 23.268 min Scan# 3448

Delta R.T. -0.012 min

Lab File: BN022375.D

Acq: 27 Oct 2022 23:38

Instrument :

BNA_N

ClientSampleId :

C0BC3

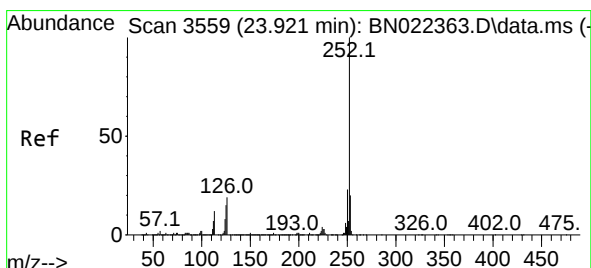
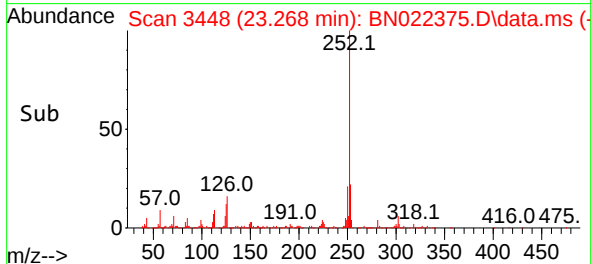
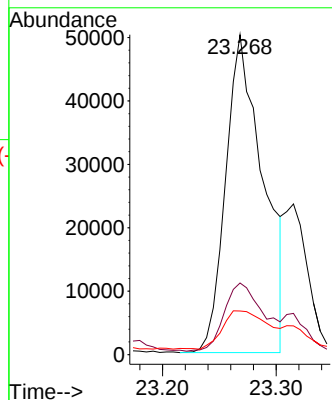
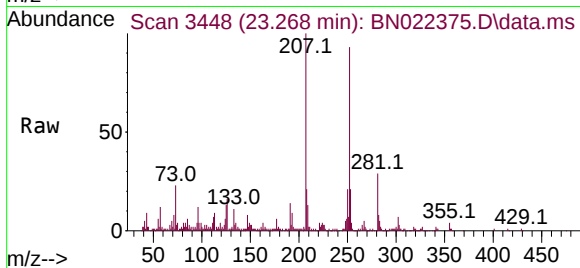
Tgt Ion:252 Resp: 115107

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 13.6 10.7 16.1



#93

Benzo(a)pyrene

Concen: 2.183 ng/ul

RT: 23.909 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BN022375.D

Acq: 27 Oct 2022 23:38

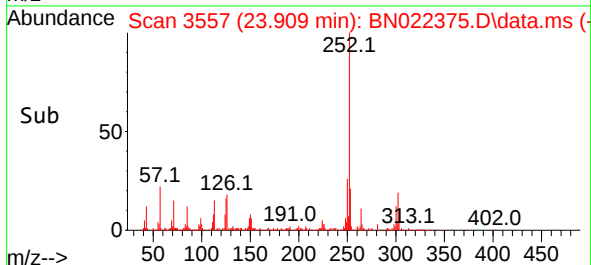
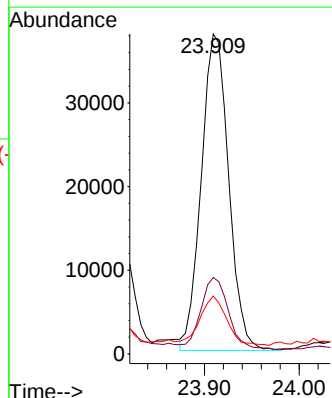
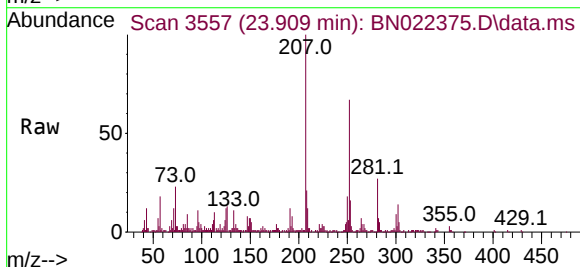
Tgt Ion:252 Resp: 76086

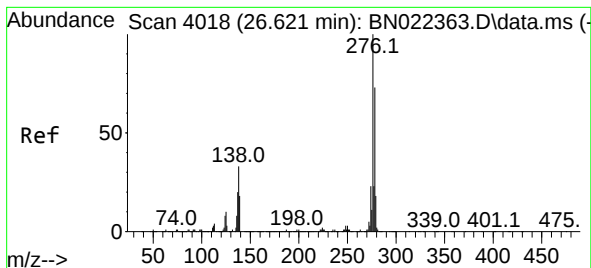
Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

125 18.1 10.8 16.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.382 ng/ul

RT: 26.591 min Scan# 4013

Delta R.T. -0.029 min

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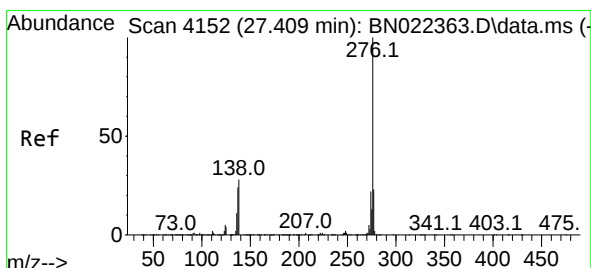
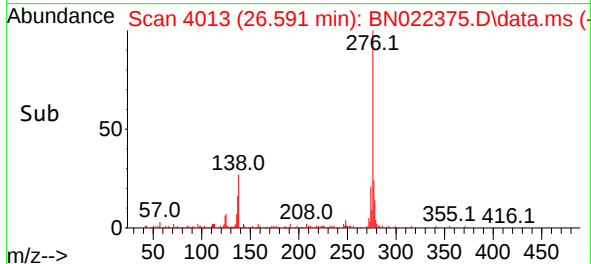
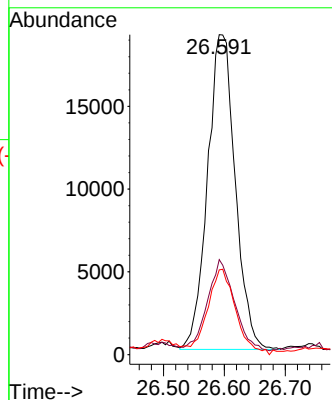
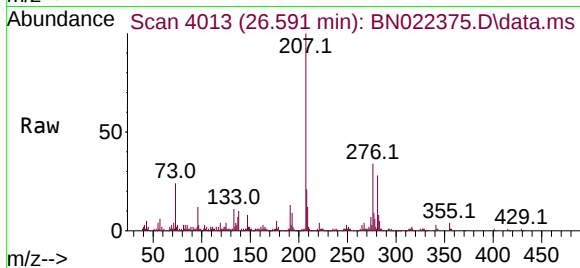
Tgt Ion:276 Resp: 60229

Ion Ratio Lower Upper

276 100

138 29.7 24.6 36.8

277 26.5 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 1.346 ng/ul

RT: 27.397 min Scan# 4150

Delta R.T. -0.012 min

Lab File: BN022375.D

Acq: 27 Oct 2022 23:38

Tgt Ion:276 Resp: 52782

Ion Ratio Lower Upper

276 100

138 28.1 21.2 31.8

277 25.3 17.9 26.9

