

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 00:26:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

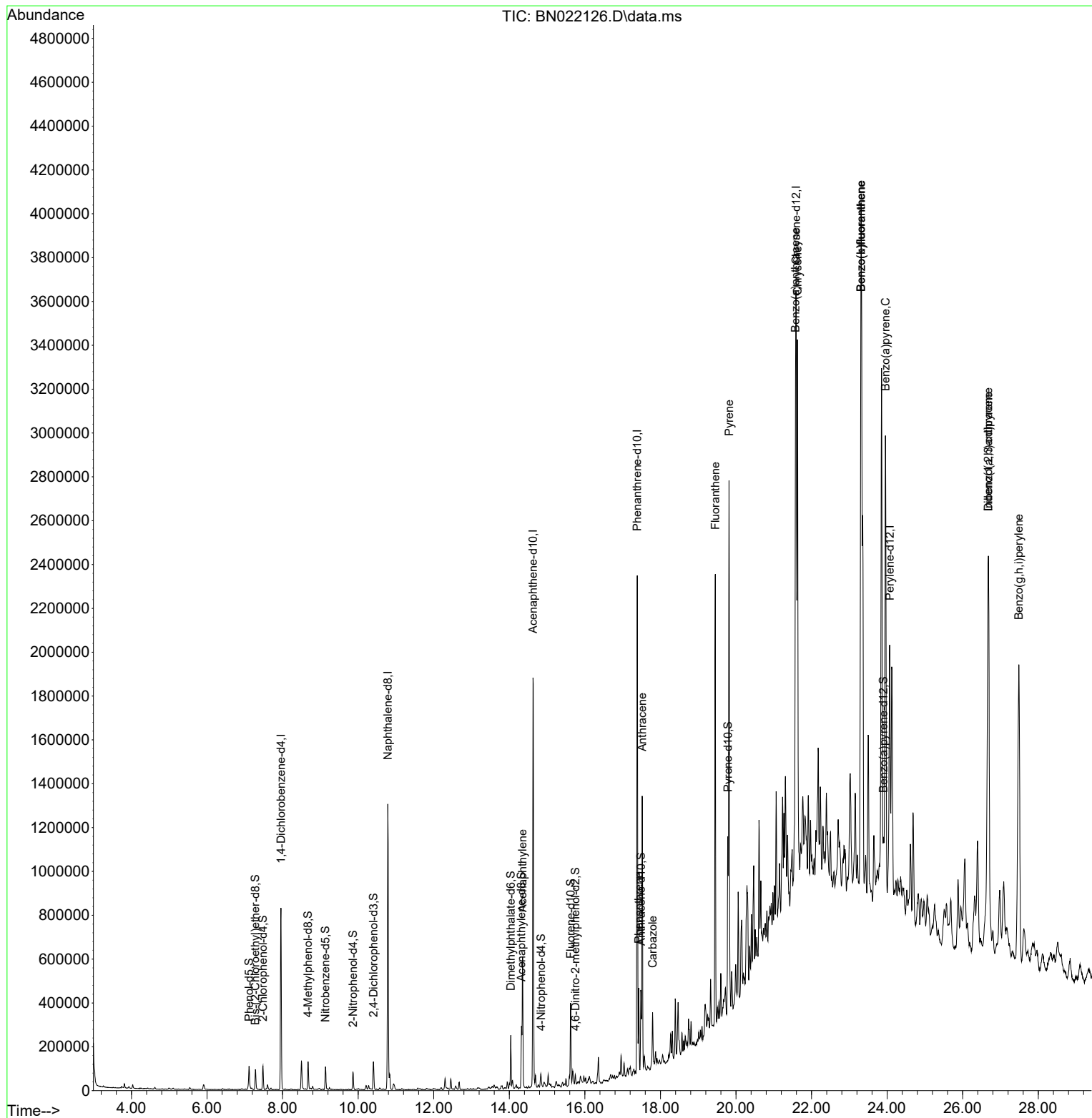
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	222813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1044723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	637109	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1243943	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	937834	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	862459	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3113	0.530	ng/uL	0.00
4) Pyridine-d5	3.687	84	455	0.025	ng/ul	0.00
7) Phenol-d5	7.110	99	62598	2.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	41251	3.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	49584	3.283	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	48335	2.793	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	25311	3.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	26406	3.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	46088	3.127	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	13803	0.573	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	148163	3.336	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	172396	3.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	13674	1.442	ng/ul	0.00
60) Fluorene-d10	15.622	176	130739	3.490	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	8939	1.260	ng/ul	0.00
73) Anthracene-d10	17.480	188	201345	3.725	ng/ul	0.00
81) Pyrene-d10	19.786	212	216146	4.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	149451	3.533	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.351	152	423751	7.482	ng/ul	99
72) Phenanthrene	17.427	178	211373	3.150	ng/ul	98
74) Anthracene	17.516	178	779917	11.701	ng/ul	96
77) Carbazole	17.792	167	148309	2.406	ng/ul	99
80) Fluoranthene	19.451	202	1126906	19.227	ng/ul	98
82) Pyrene	19.816	202	1379737	22.501	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1013409	16.911	ng/ul#	92
87) Chrysene	21.627	228	1579185	27.422	ng/ul	99
90) Benzo(b)fluoranthene	23.310	252	1509168	27.744	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1509168	28.082	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1572410	32.343	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	2038682	33.550	ng/ul	92
95) Dibenzo(a,h)anthracene	26.680	278	527266	9.699	ng/ul#	75
96) Benzo(g,h,i)perylene	27.486	276	1831968	33.510	ng/ul	97

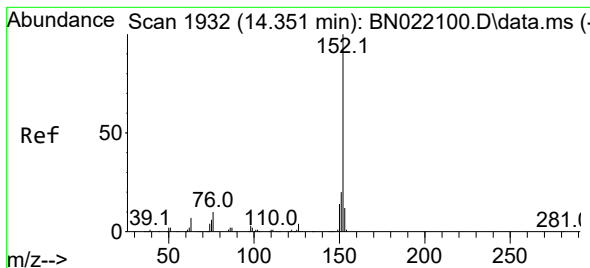
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 7.482 ng/ul

RT: 14.351 min Scan# 1932

Delta R.T. -0.006 min

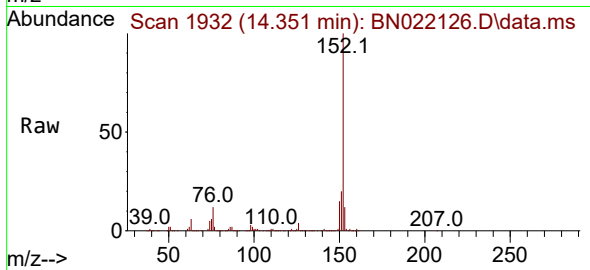
Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :



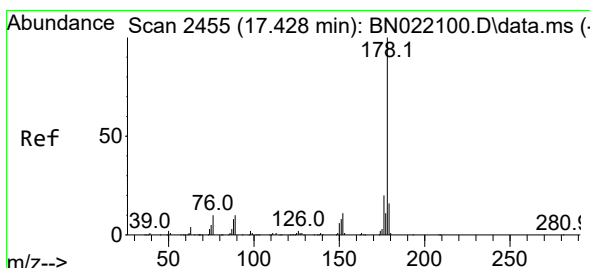
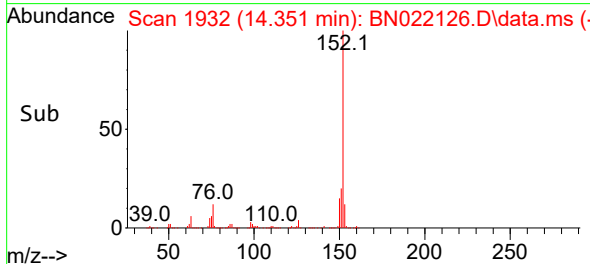
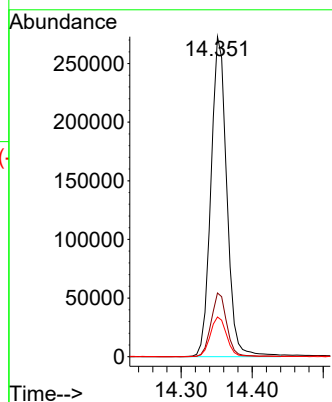
Tgt Ion:152 Resp: 423751

Ion Ratio Lower Upper

152 100

151 19.9 15.5 23.3

153 12.4 9.8 14.8



#72

Phenanthrene

Concen: 3.150 ng/ul

RT: 17.427 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

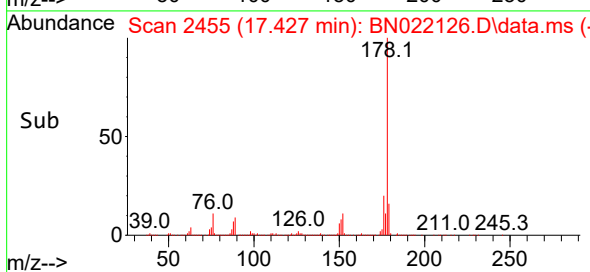
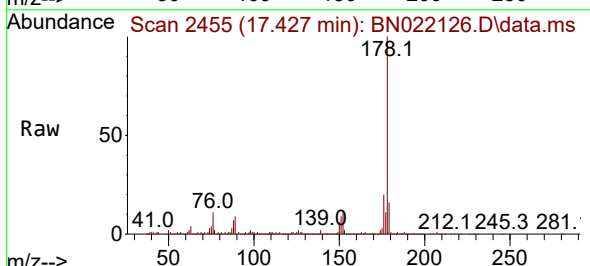
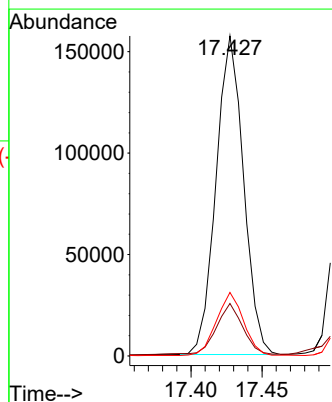
Tgt Ion:178 Resp: 211373

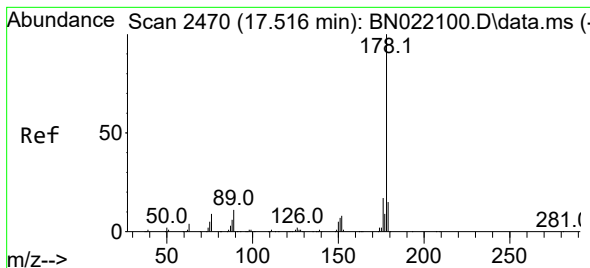
Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

176 19.9 16.5 24.7





#74

Anthracene

Concen: 11.701 ng/ul

RT: 17.516 min Scan# 2470

Delta R.T. -0.006 min

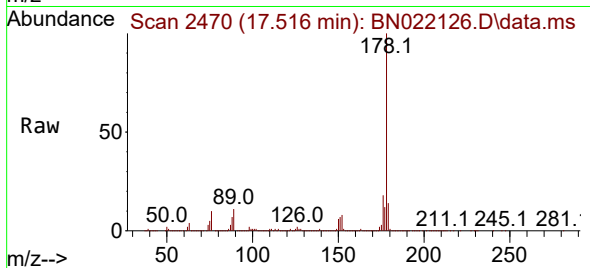
Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :



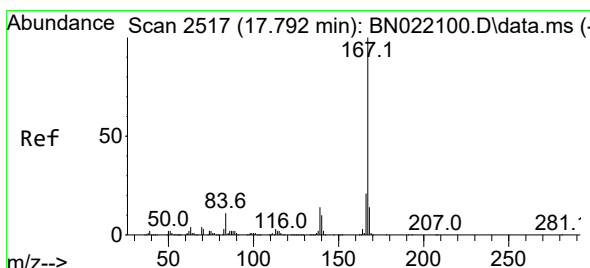
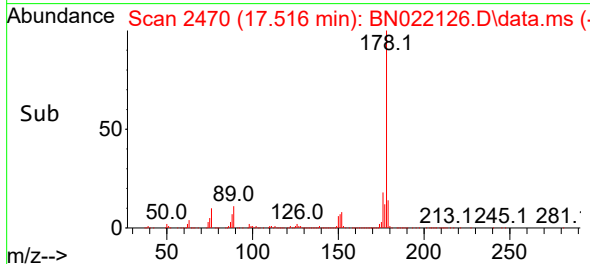
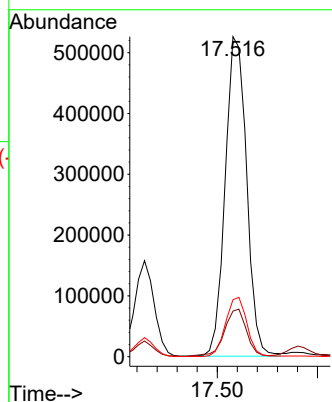
Tgt Ion:178 Resp: 779917

Ion	Ratio	Lower	Upper
178	100		
179	14.2	13.0	19.6
176	17.8	15.8	23.6

178 100

179 14.2 13.0 19.6

176 17.8 15.8 23.6



#77

Carbazole

Concen: 2.406 ng/ul

RT: 17.792 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

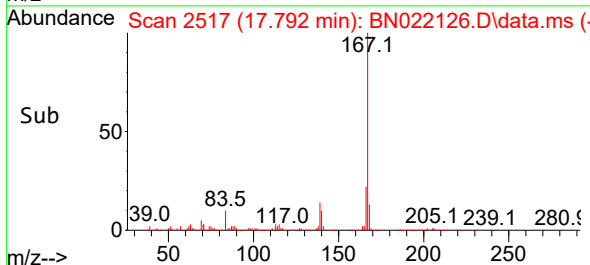
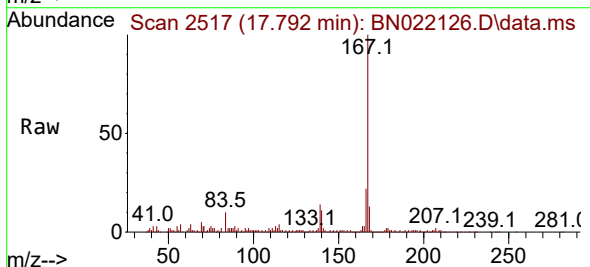
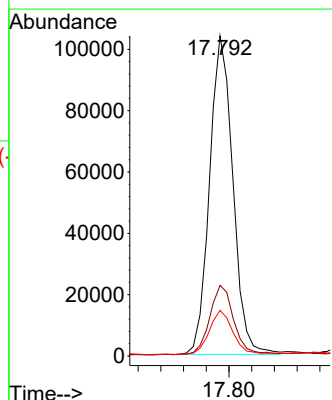
Tgt Ion:167 Resp: 148309

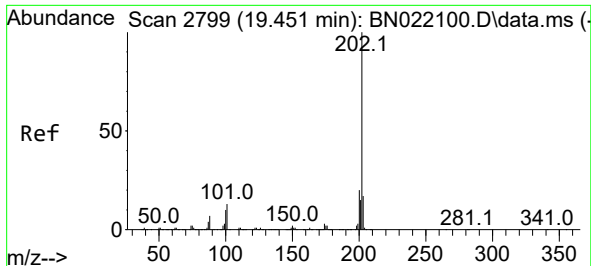
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	14.3	10.7	16.1

167 100

166 22.1 17.3 25.9

139 14.3 10.7 16.1

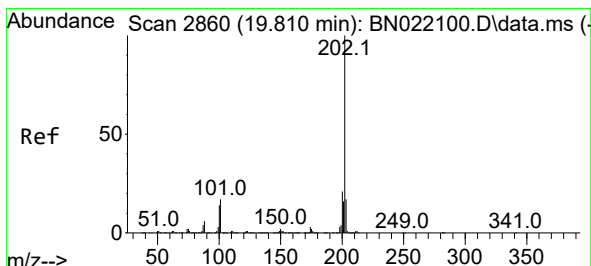
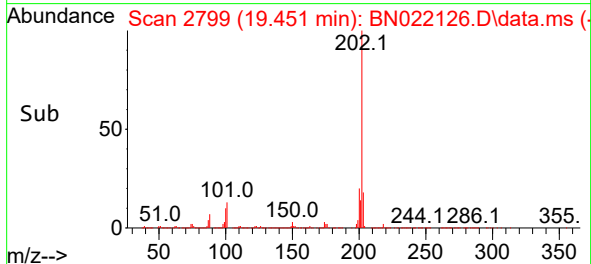
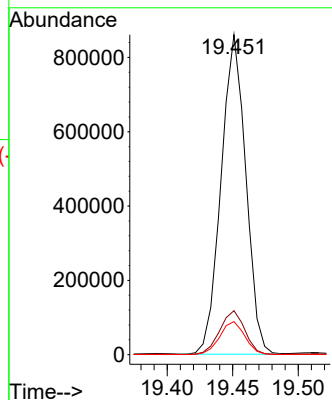
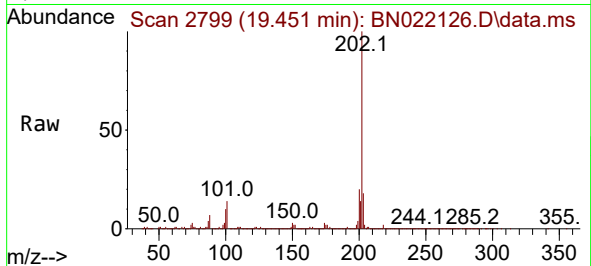




#80
Fluoranthene
Concen: 19.227 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

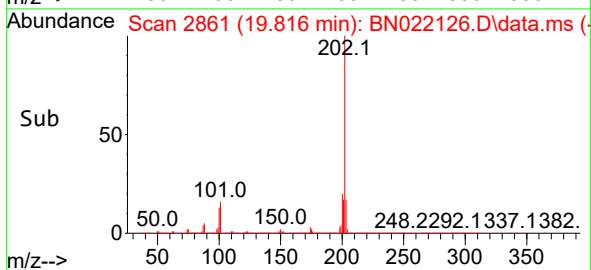
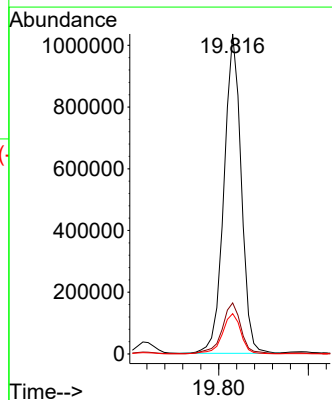
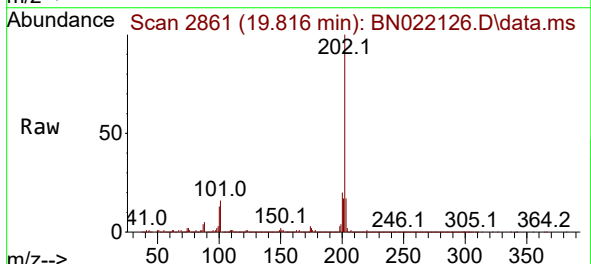
Instrument :
BNA_N
ClientSampleId :

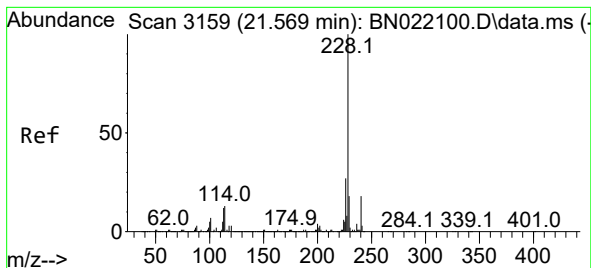
Tgt Ion:202 Resp: 1126906
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 10.3 7.8 11.8



#82
Pyrene
Concen: 22.501 ng/ul
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Tgt Ion:202 Resp: 1379737
Ion Ratio Lower Upper
202 100
101 16.0 13.4 20.0
100 12.6 10.9 16.3





#85

Benzo(a)anthracene

Concen: 16.911 ng/uI

RT: 21.574 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :

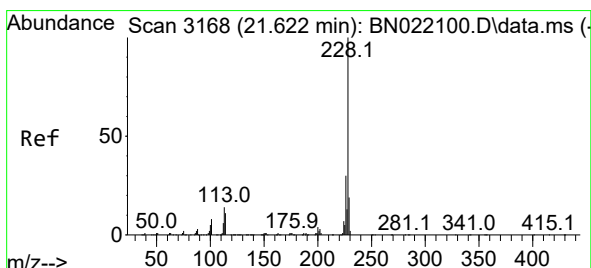
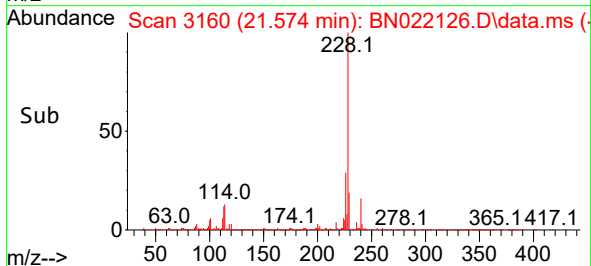
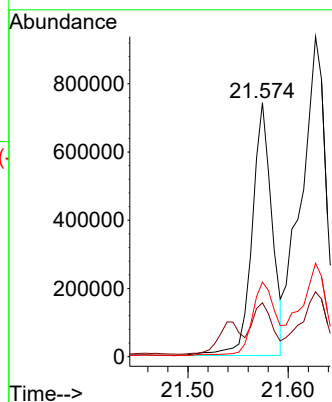
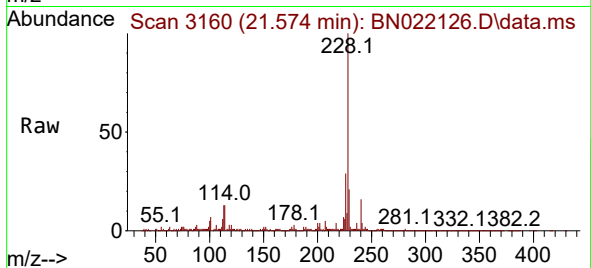
Tgt Ion:228 Resp: 1013409

Ion Ratio Lower Upper

228 100

229 21.2 13.5 20.3#

226 29.4 21.0 31.6



#87

Chrysene

Concen: 27.422 ng/uI

RT: 21.627 min Scan# 3169

Delta R.T. -0.000 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

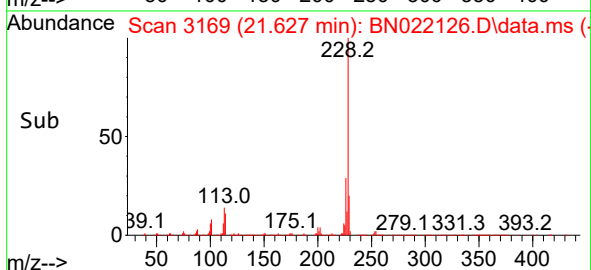
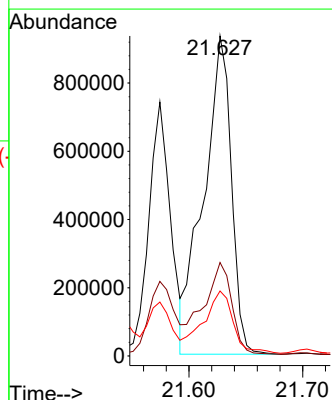
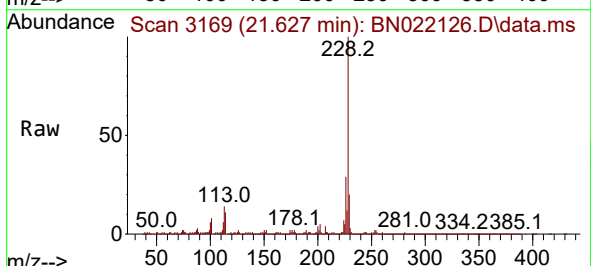
Tgt Ion:228 Resp: 1579185

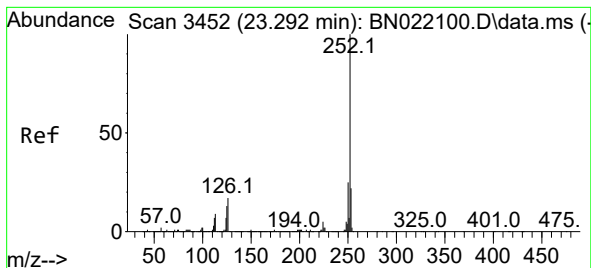
Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

229 20.3 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 27.744 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.012 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :

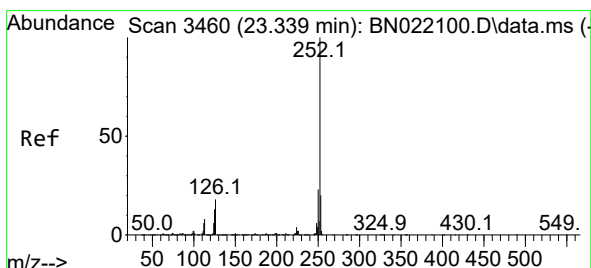
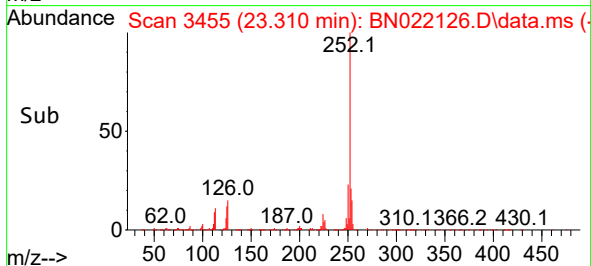
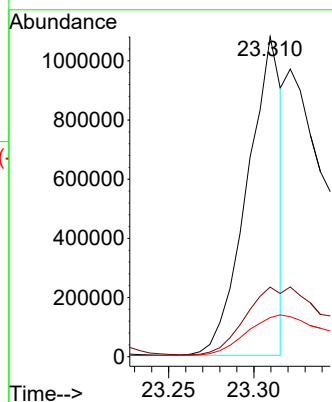
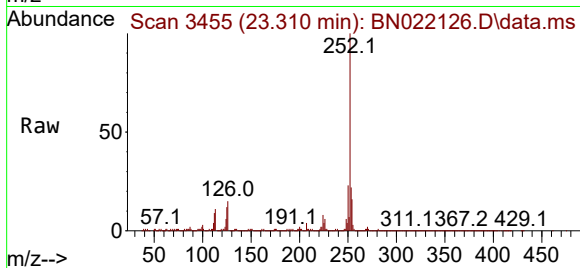
Tgt Ion:252 Resp: 1509168

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 12.2 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 28.082 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.041 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

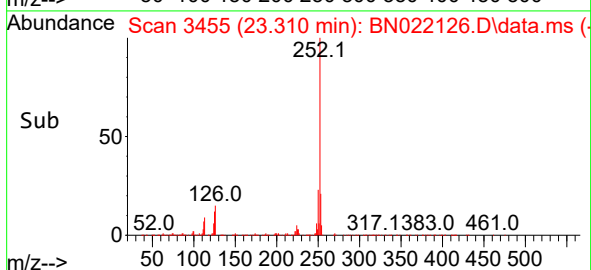
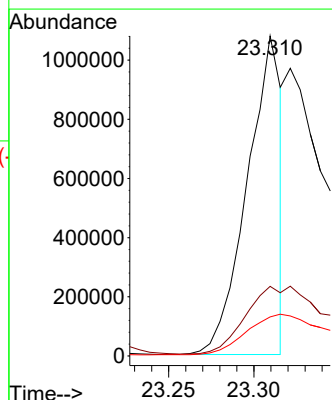
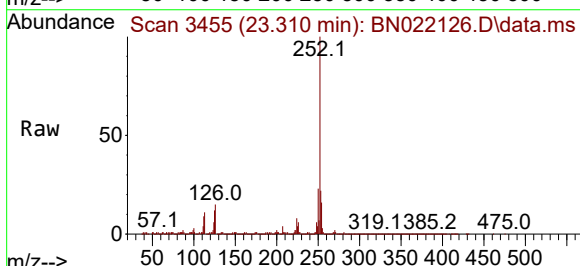
Tgt Ion:252 Resp: 1509168

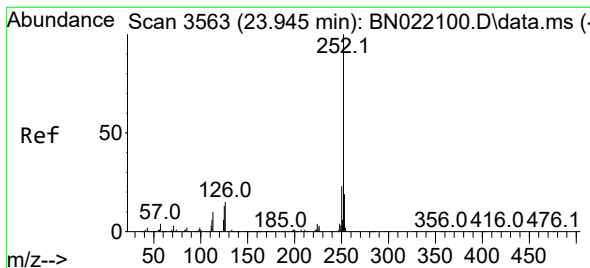
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.2 10.6 15.8





#93

Benzo(a)pyrene

Concen: 32.343 ng/ul

RT: 23.957 min Scan# 3563

Delta R.T. 0.006 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :

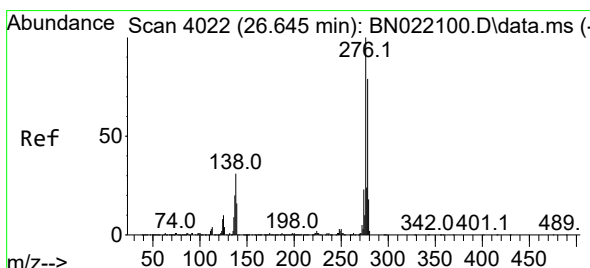
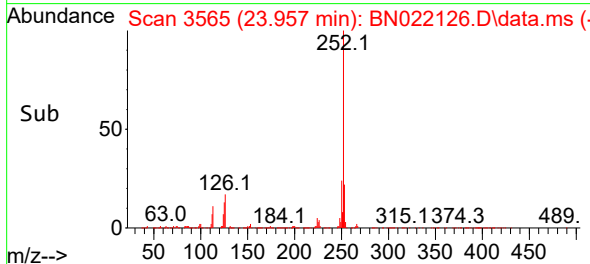
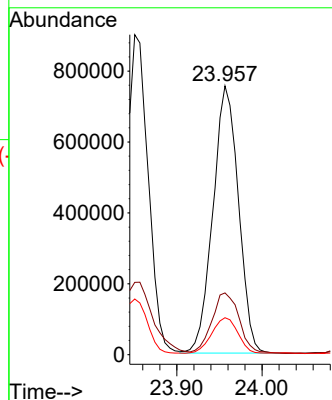
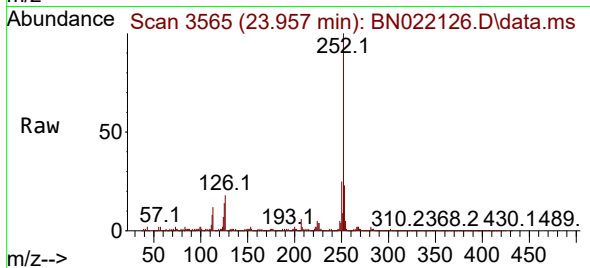
Tgt Ion:252 Resp: 1572410

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 13.7 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.550 ng/ul

RT: 26.680 min Scan# 4028

Delta R.T. 0.017 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

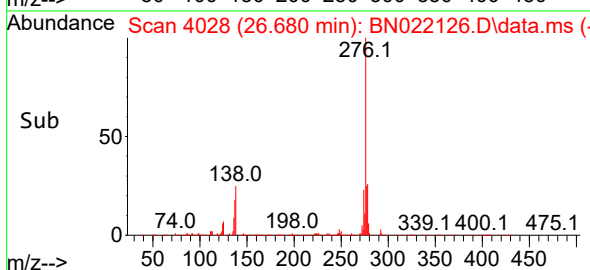
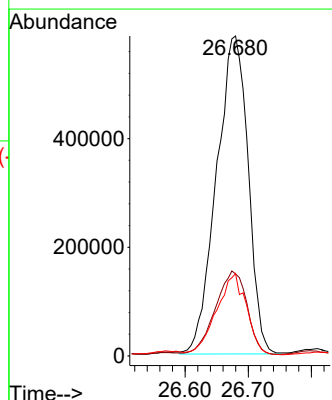
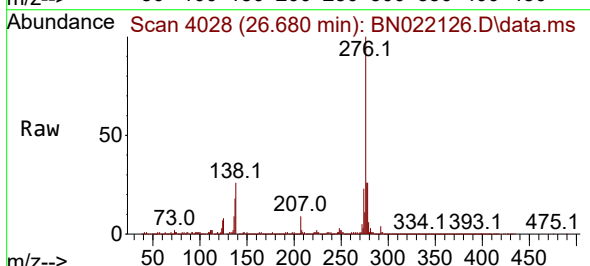
Tgt Ion:276 Resp: 2038682

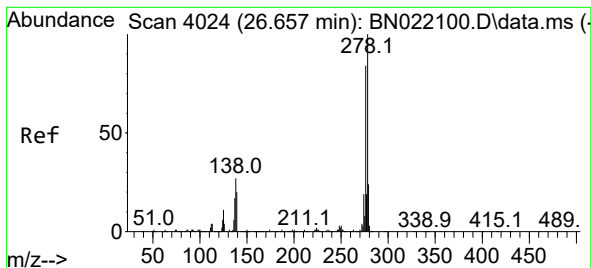
Ion Ratio Lower Upper

276 100

138 25.7 24.6 36.8

277 25.8 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 9.699 ng/ul

RT: 26.680 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :

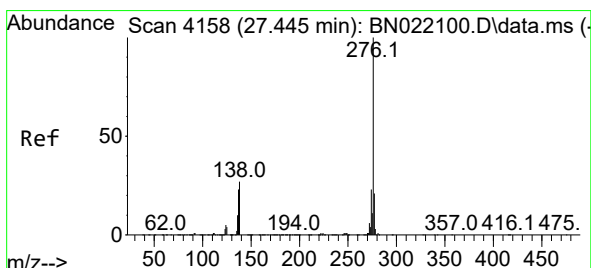
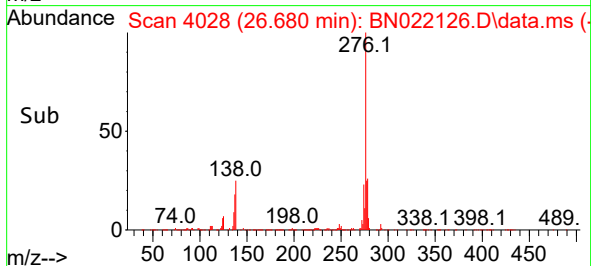
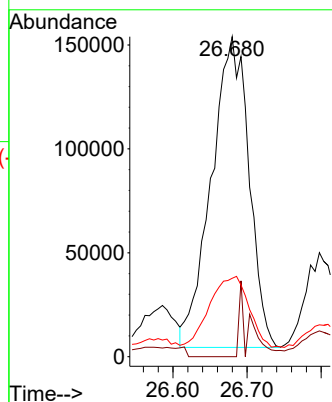
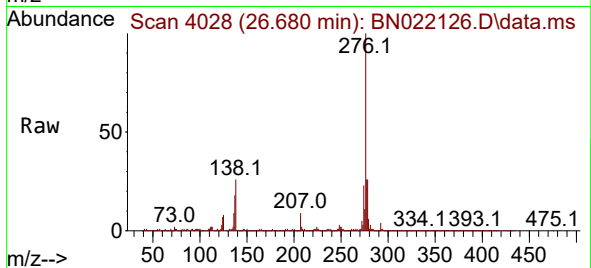
Tgt Ion:278 Resp: 527266

Ion Ratio Lower Upper

278 100

139 0.0 15.7 23.5#

279 24.5 16.5 24.7



#96

Benzo(g,h,i)perylene

Concen: 33.510 ng/ul

RT: 27.486 min Scan# 4165

Delta R.T. 0.029 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

Tgt Ion:276 Resp: 1831968

Ion Ratio Lower Upper

276 100

138 25.0 21.2 31.8

277 21.2 17.9 26.9

