

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
 Data File : BN023292.D
 Acq On : 20 Dec 2022 10:45
 Operator : CG/JU
 Sample : N6003-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYK7

Quant Time: Dec 21 04:13:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 04:11:00 2022
 Response via : Initial Calibration

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

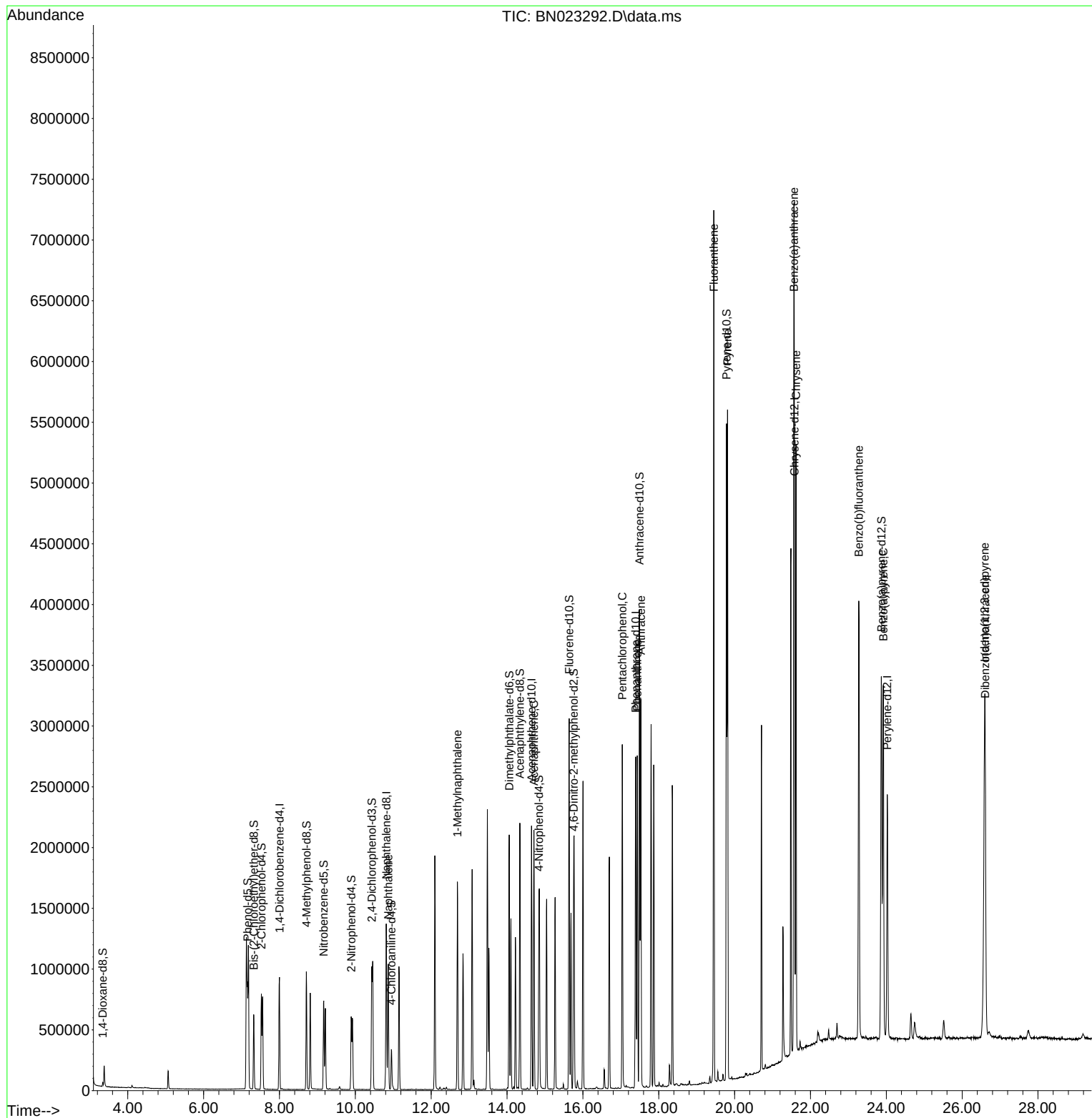
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	243388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1115816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	701776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1585428	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1447155	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1446157	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	17457	2.967	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.158	99	442082	19.530	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	260238	19.755	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	349304	20.478	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	342974	18.871	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	178397	20.693	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	183449	20.203	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	356331	20.788	ng/u1	0.00
31) 4-Chloroaniline-d4	10.952	131	174906	6.341	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1331722	25.322	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	1363561	23.120	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	266965	22.728	ng/u1	0.00
60) Fluorene-d10	15.640	176	1138986	25.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	202360	21.683	ng/u1	0.00
73) Anthracene-d10	17.492	188	2117897	29.807	ng/u1	0.00
81) Pyrene-d10	19.786	212	2703615	34.344	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.869	264	2248993	31.728	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.869	128	815304	13.677	ng/u1	99
37) 1-Methylnaphthalene	12.693	142	762132	18.408	ng/u1	95
52) Acenaphthene	14.710	153	801711	17.781	ng/u1	99
71) Pentachlorophenol	17.039	266	448025	37.935	ng/u1	97
72) Phenanthrene	17.434	178	1594981	19.012	ng/u1	99
74) Anthracene	17.528	178	1845854	22.052	ng/u1	99
80) Fluoranthene	19.451	202	4159552	45.432	ng/u1	99
82) Pyrene	19.816	202	3054420	31.758	ng/u1	98
85) Benzo(a)anthracene	21.563	228	3572948	36.851	ng/u1	96
87) Chrysene	21.622	228	2532080	27.673	ng/u1	98
90) Benzo(b)fluoranthene	23.274	252	2540906	27.857	ng/u1	100
93) Benzo(a)pyrene	23.921	252	2148832	27.412	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	2507829	25.254	ng/u1	97
95) Dibenzo(a,h)anthracene	26.610	278	1613700	19.930	ng/u1	98

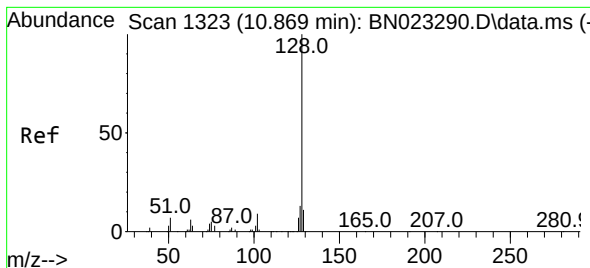
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
Data File : BN023292.D
Acq On : 20 Dec 2022 10:45
Operator : CG/JU
Sample : N6003-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYK7

Quant Time: Dec 21 04:13:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 04:11:00 2022
Response via : Initial Calibration





#30

Naphthalene

Concen: 13.677 ng/ul

RT: 10.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

Instrument :

BNA_N

ClientSampleId :

DBYK7

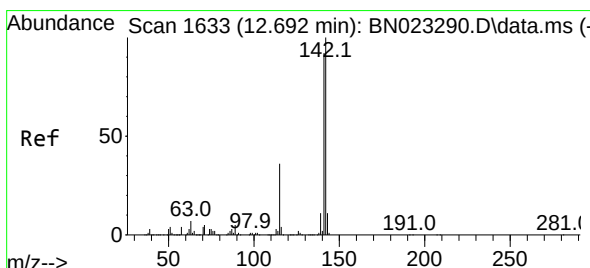
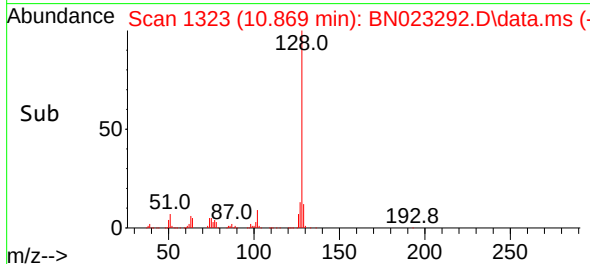
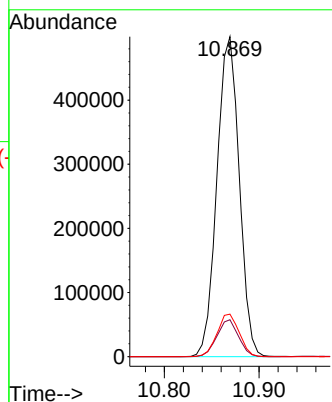
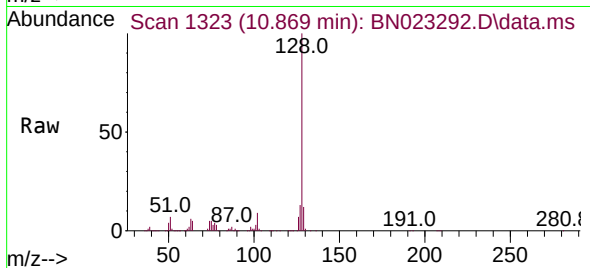
Tgt Ion:128 Resp: 815304

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.3 10.3 15.5



#37

1-Methylnaphthalene

Concen: 18.408 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

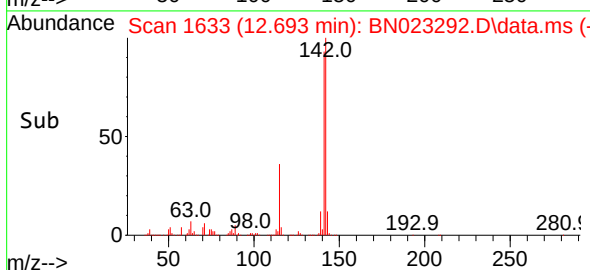
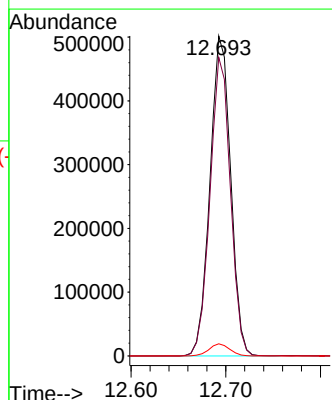
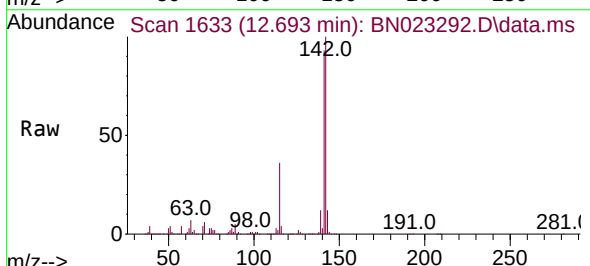
Tgt Ion:142 Resp: 762132

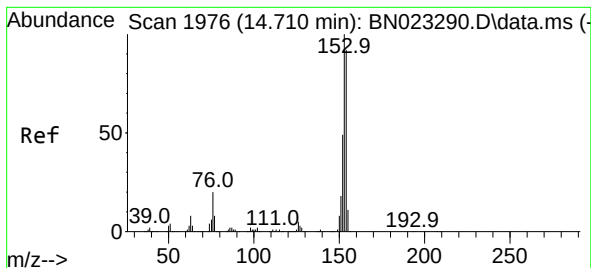
Ion Ratio Lower Upper

142 100

141 93.3 70.9 106.3

116 3.8 3.0 4.6





#52

Acenaphthene

Concen: 17.781 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. 0.000 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

Instrument :

BNA_N

ClientSampleId :

DBYK7

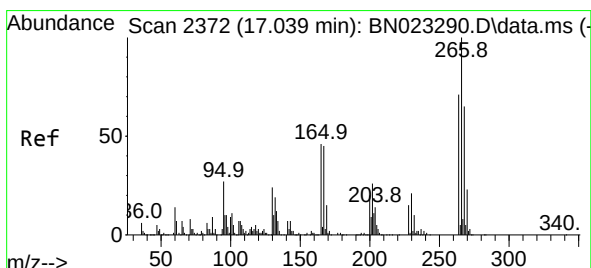
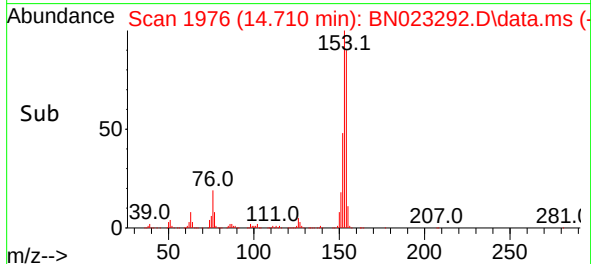
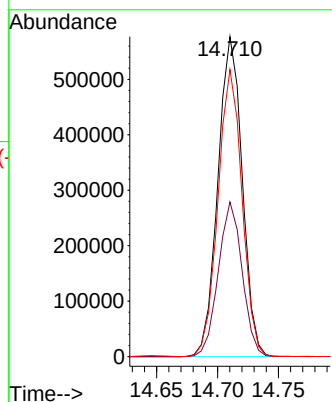
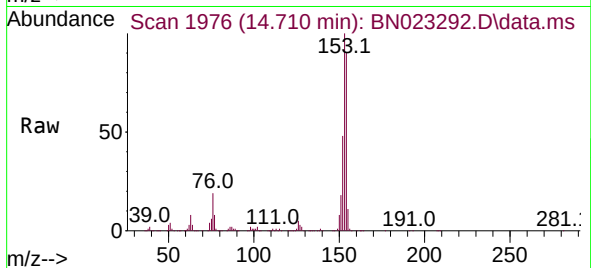
Tgt Ion:153 Resp: 801711

Ion Ratio Lower Upper

153 100

152 48.3 38.9 58.3

154 89.7 70.5 105.7



#71

Pentachlorophenol

Concen: 37.935 ng/ul

RT: 17.039 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

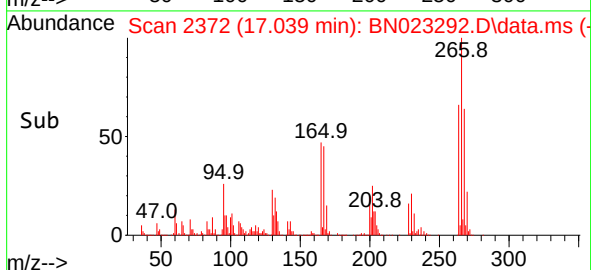
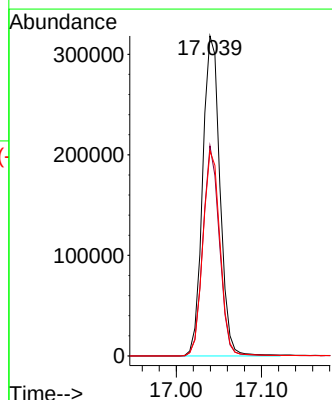
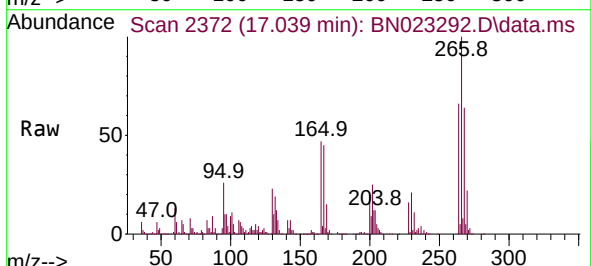
Tgt Ion:266 Resp: 448025

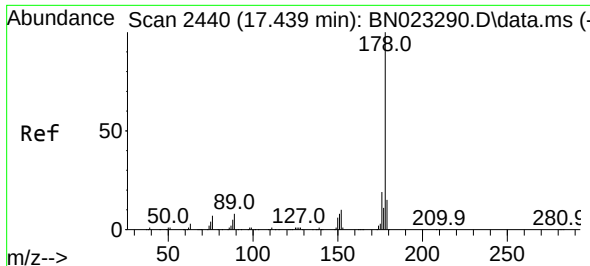
Ion Ratio Lower Upper

266 100

264 65.6 50.5 75.7

268 64.0 52.6 78.8

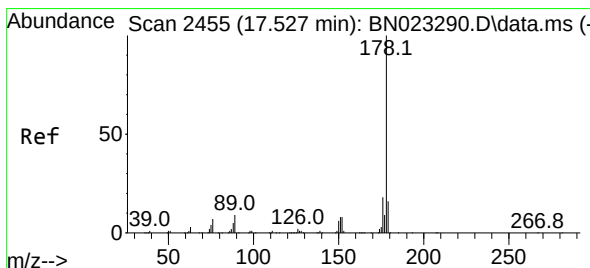
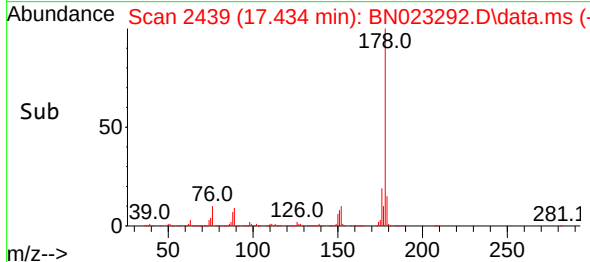
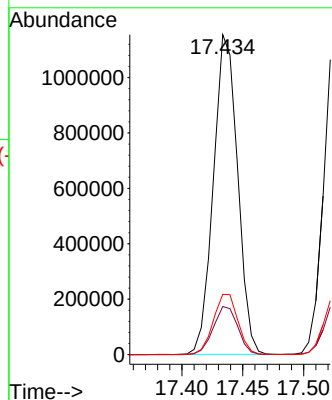
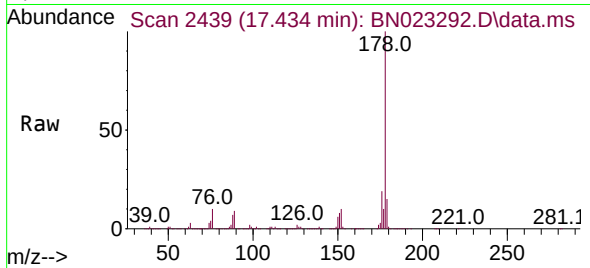




#72
Phenanthrene
Concen: 19.012 ng/ul
RT: 17.434 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

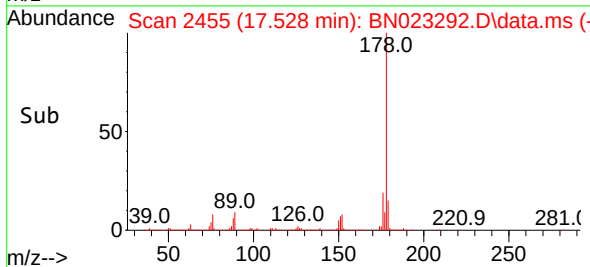
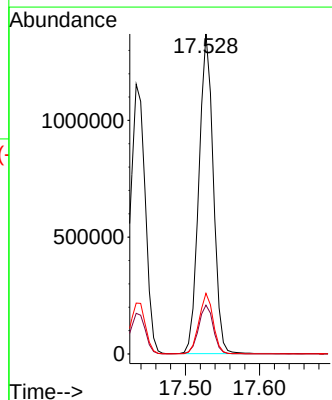
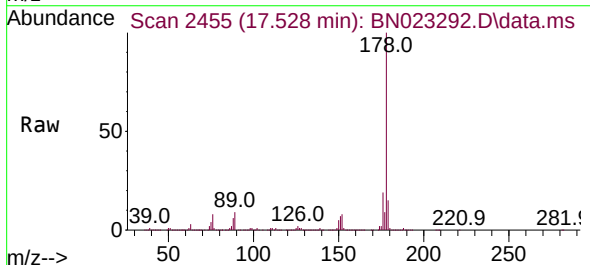
Instrument :
BNA_N
ClientSampleId :
DBYK7

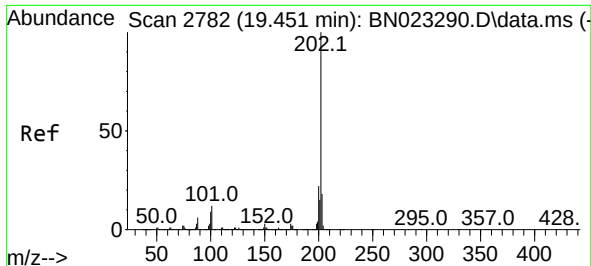
Tgt Ion:178 Resp: 1594981
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.8 15.4 23.0



#74
Anthracene
Concen: 22.052 ng/ul
RT: 17.528 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

Tgt Ion:178 Resp: 1845854
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.6
176 18.9 14.7 22.1

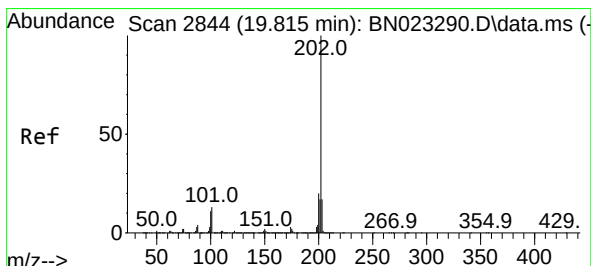
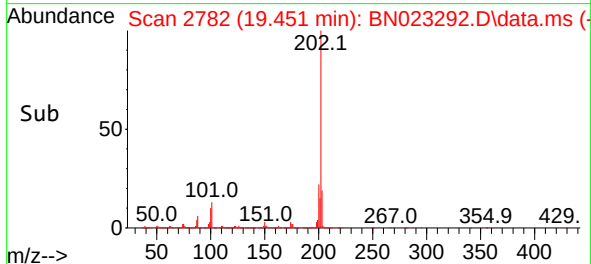
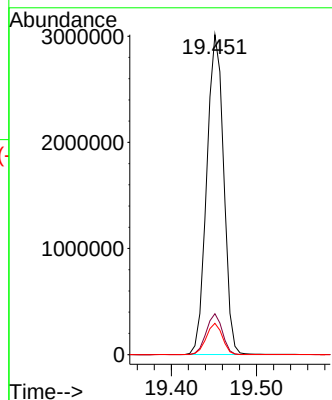
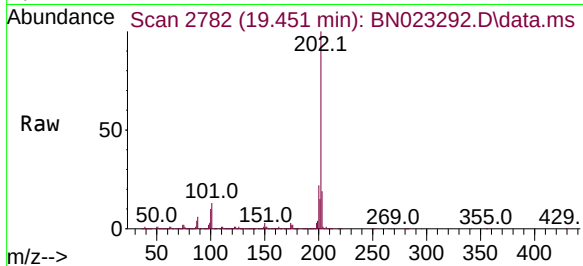




#80
Fluoranthene
Concen: 45.432 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

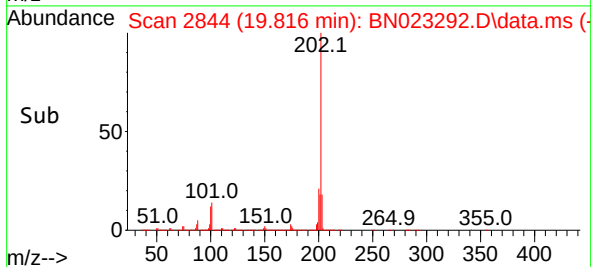
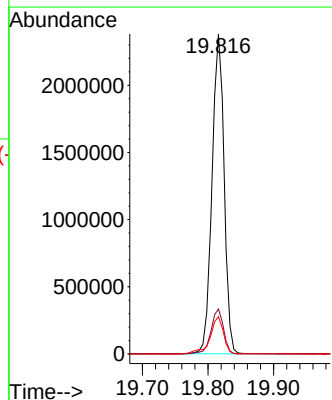
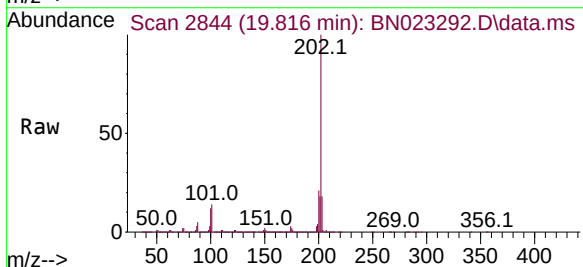
Instrument :
BNA_N
ClientSampleId :
DBYK7

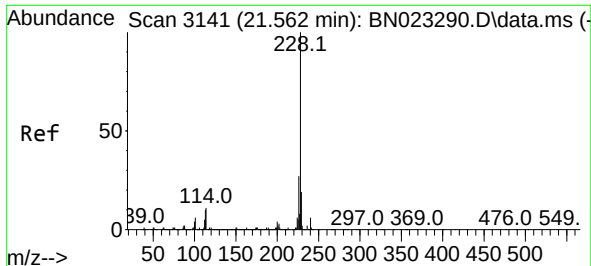
Tgt Ion:202 Resp: 4159552
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 9.8 7.6 11.4



#82
Pyrene
Concen: 31.758 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

Tgt Ion:202 Resp: 3054420
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.6 9.5 14.3

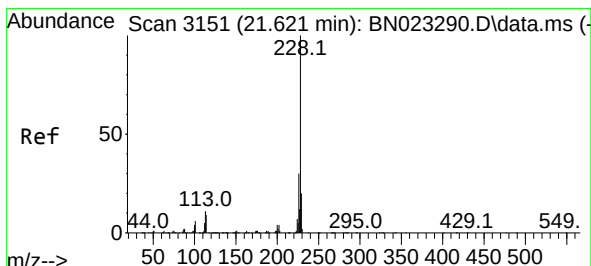
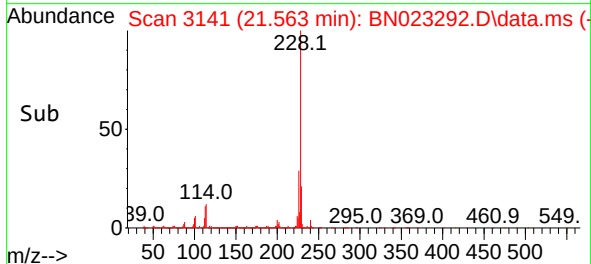
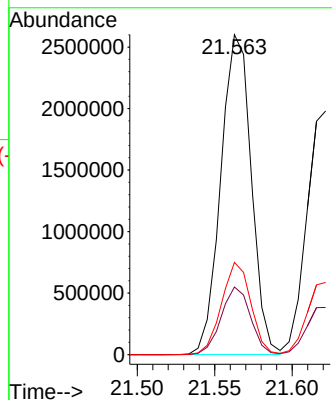
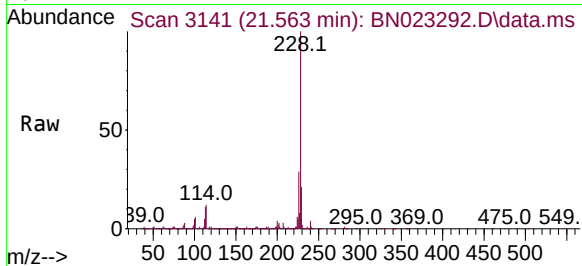




#85
Benzo(a)anthracene
Concen: 36.851 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

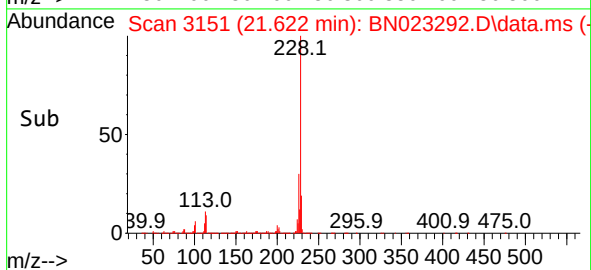
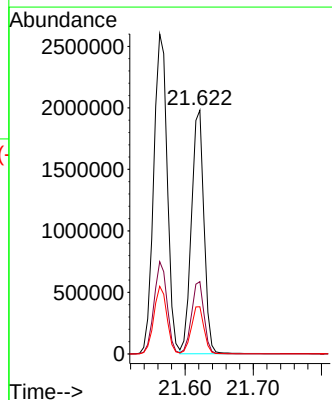
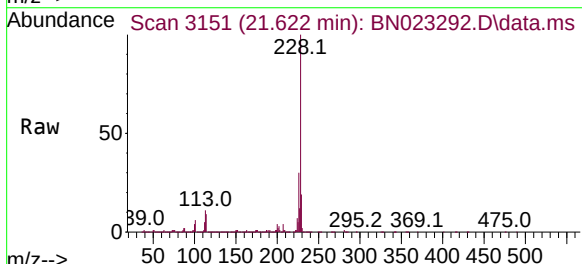
Instrument :
BNA_N
ClientSampleId :
DBYK7

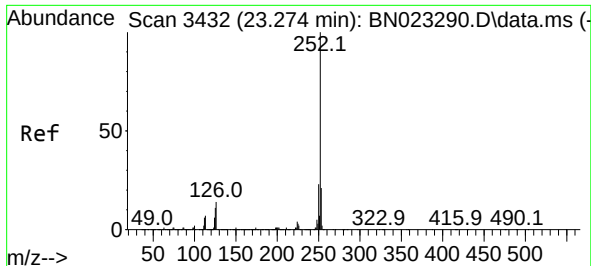
Tgt Ion:228 Resp: 3572948
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 28.8 21.4 32.0



#87
Chrysene
Concen: 27.673 ng/ul
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

Tgt Ion:228 Resp: 2532080
Ion Ratio Lower Upper
228 100
226 29.7 24.6 36.8
229 19.3 16.5 24.7

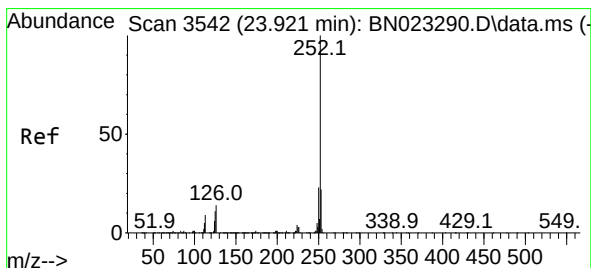
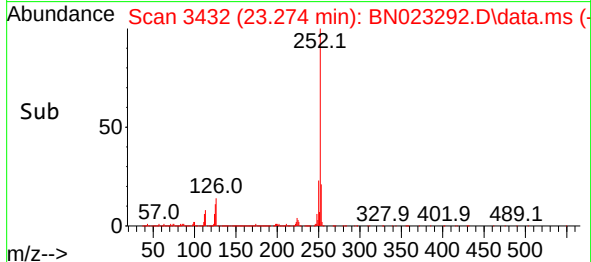
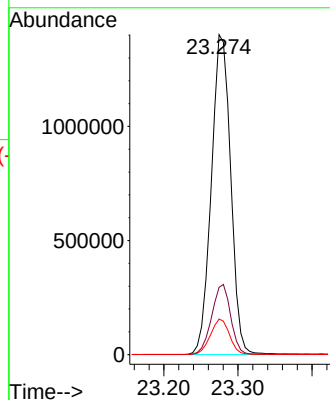
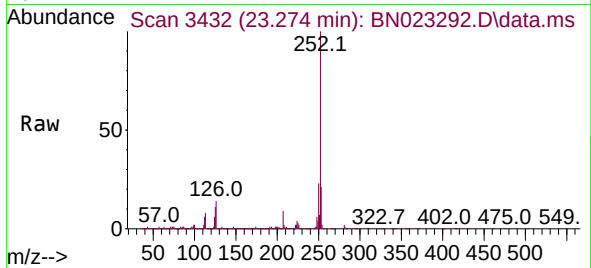




#90
Benzo(b)fluoranthene
Concen: 27.857 ng/u1
RT: 23.274 min Scan# 3432
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

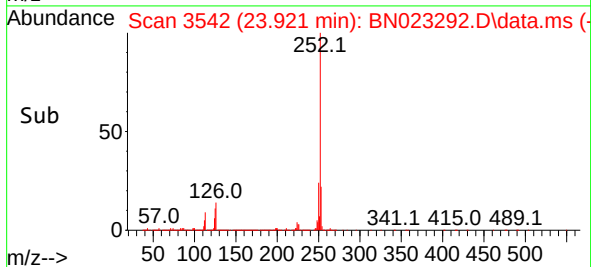
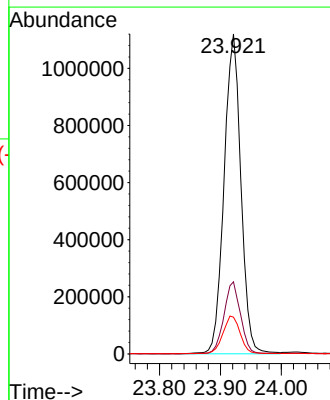
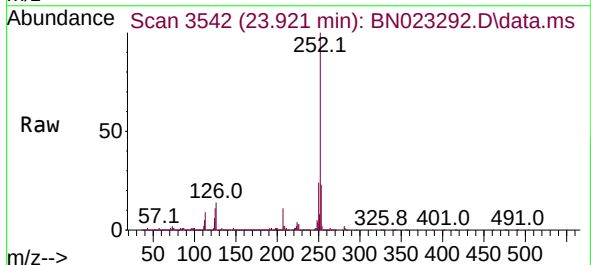
Instrument :
BNA_N
ClientSampleId :
DBYK7

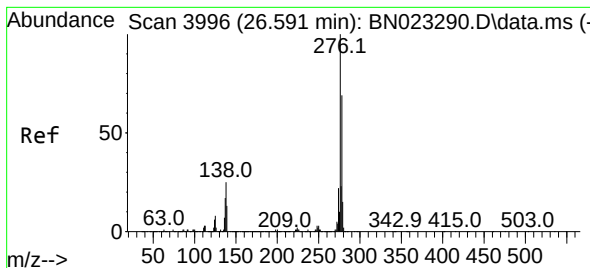
Tgt Ion:252 Resp: 2540906
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 11.1 8.8 13.2



#93
Benzo(a)pyrene
Concen: 27.412 ng/u1
RT: 23.921 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BN023292.D
Acq: 20 Dec 2022 10:45

Tgt Ion:252 Resp: 2148832
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.5 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 25.254 ng/ul

RT: 26.592 min Scan# 3996

Delta R.T. 0.000 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

Instrument :

BNA_N

ClientSampleId :

DBYK7

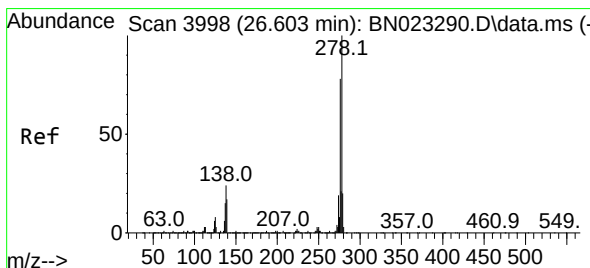
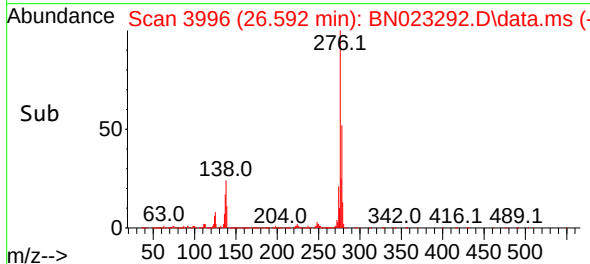
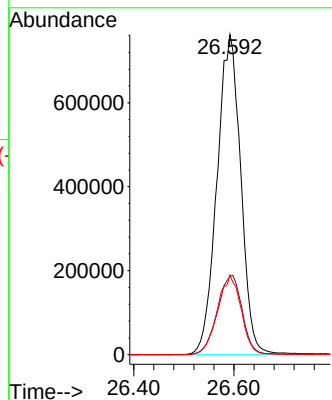
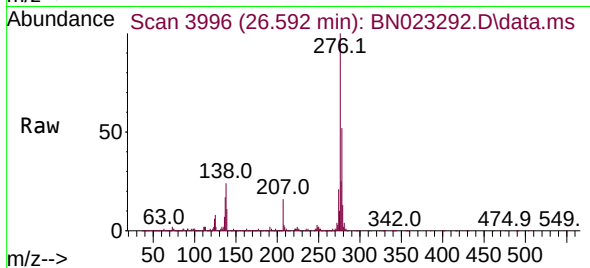
Tgt Ion:276 Resp: 2507829

Ion Ratio Lower Upper

276 100

138 24.5 20.6 30.8

277 24.9 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 19.930 ng/ul

RT: 26.610 min Scan# 3999

Delta R.T. 0.006 min

Lab File: BN023292.D

Acq: 20 Dec 2022 10:45

Tgt Ion:278 Resp: 1613700

Ion Ratio Lower Upper

278 100

139 17.2 13.3 19.9

279 24.0 18.6 27.8

