

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031830.D
 Acq On : 06 Jun 2024 22:31
 Operator : MA/JU
 Sample : P2647-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:40:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

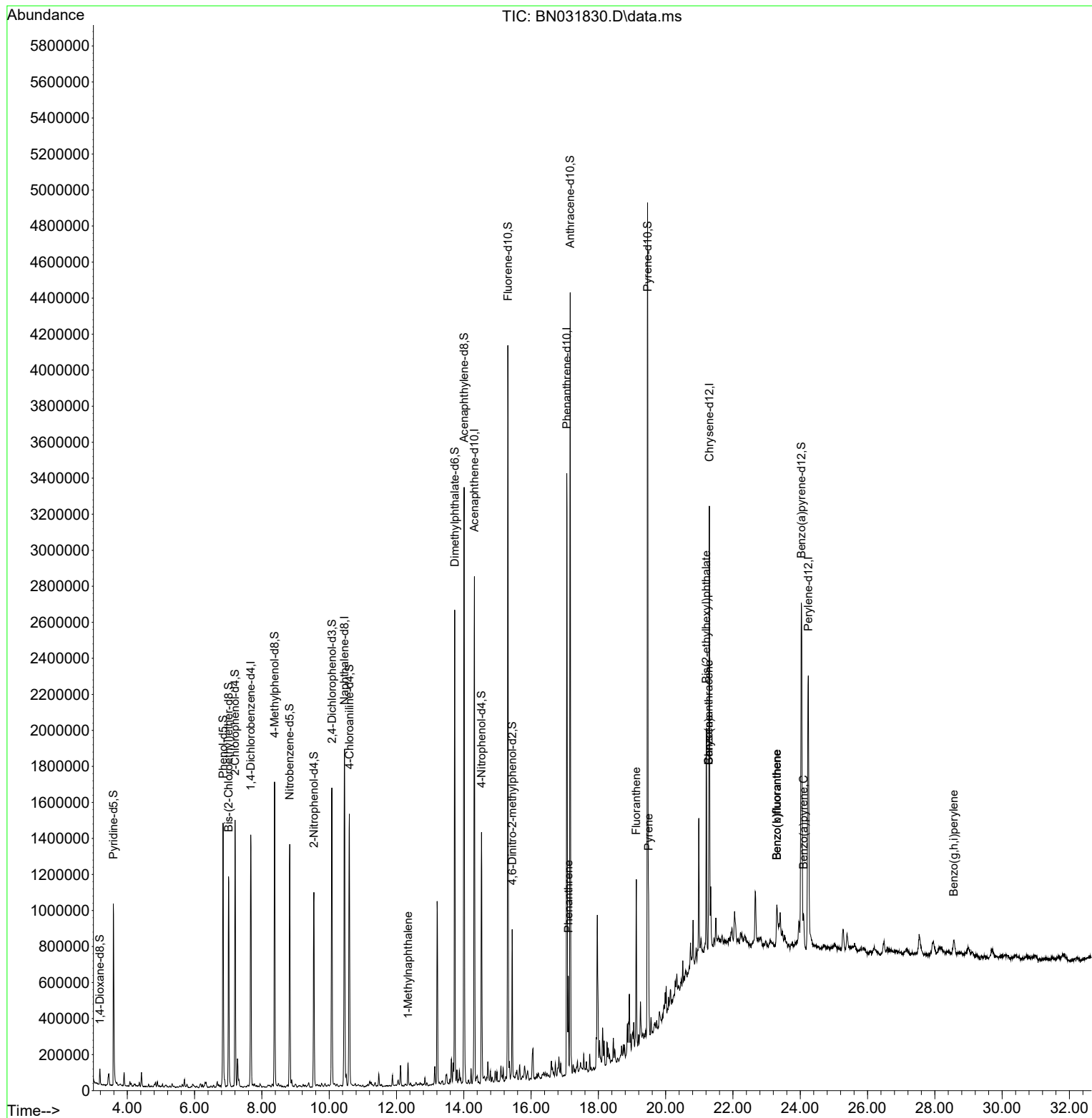
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	399146	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	1642806	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	975730	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1958786	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1227899	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1356636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	45270	4.692	ng/uL	0.00
4) Pyridine-d5	3.587	84	597890	22.014	ng/ul	-0.01
7) Phenol-d5	6.846	99	918491	26.842	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	505079	25.235	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	721186	27.622	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	687482	24.647	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	357744	28.481	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	378996	29.209	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	652726	26.946	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	865258	24.058	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1834980	26.995	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	2268530	29.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	353236	25.954	ng/ul	0.00
60) Fluorene-d10	15.310	176	1591572	27.672	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	175828	17.858	ng/ul	0.00
73) Anthracene-d10	17.163	188	2395866	28.570	ng/ul	0.00
81) Pyrene-d10	19.463	212	2386344	36.318	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1784267	27.544	ng/ul	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.345	142	63151	1.083	ng/ul	99
72) Phenanthrene	17.110	178	337642	3.384	ng/ul	99
80) Fluoranthene	19.127	202	485089	6.177	ng/ul	100
82) Pyrene	19.492	202	446212	5.538	ng/ul	98
85) Benzo(a)anthracene	21.280	228	183518	2.233	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	519302	9.362	ng/ul	99
87) Chrysene	21.280	228	180751	2.354	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	254833	3.143	ng/ul#	96
91) Benzo(k)fluoranthene	23.304	252	254833	3.203	ng/ul	98
93) Benzo(a)pyrene	24.098	252	170881	2.250	ng/ul#	93
96) Benzo(g,h,i)perylene	28.562	276	71083	1.022	ng/ul	96

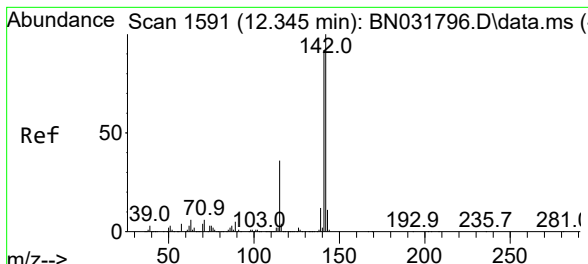
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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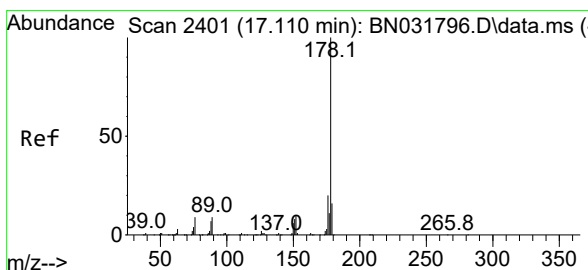
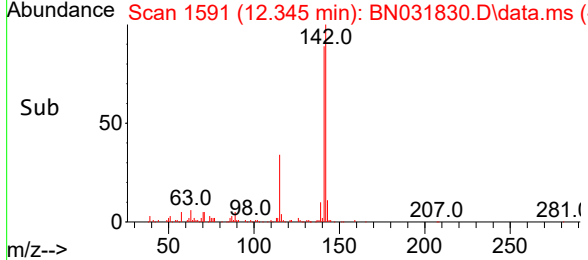
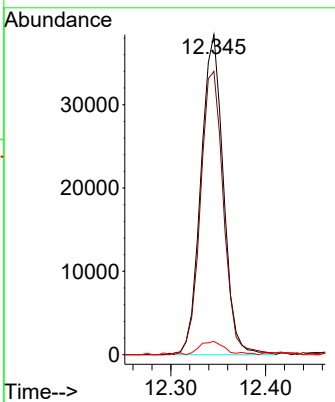
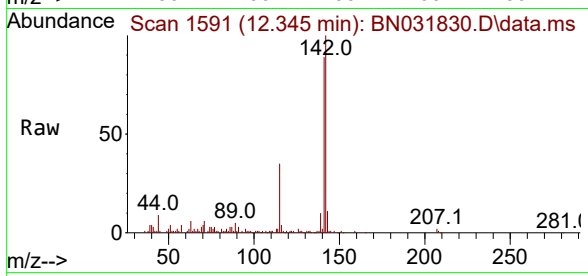




#37
 1-Methylnaphthalene
 Concen: 1.083 ng/ul
 RT: 12.345 min Scan# 1591
 Delta R.T. -0.012 min
 Lab File: BN031830.D
 Acq: 06 Jun 2024 22:31

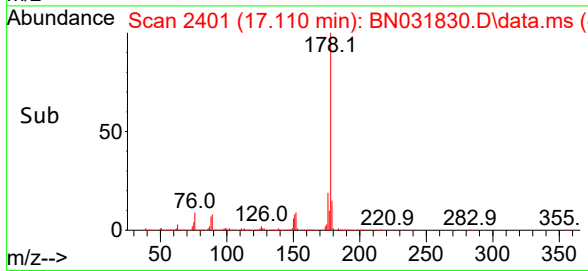
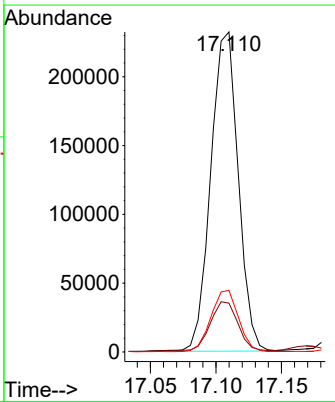
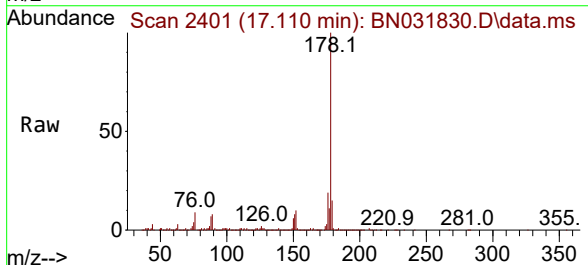
Instrument :
 BNA_N
 ClientSampleId :

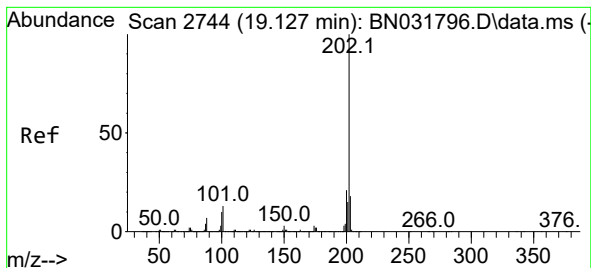
Tgt Ion:	142	Resp:	63151
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.7	107.5
116	4.2	3.0	4.4



#72
 Phenanthrene
 Concen: 3.384 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031830.D
 Acq: 06 Jun 2024 22:31

Tgt Ion:	178	Resp:	337642
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	19.3	15.8	23.6





#80

Fluoranthene

Concen: 6.177 ng/ul

RT: 19.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

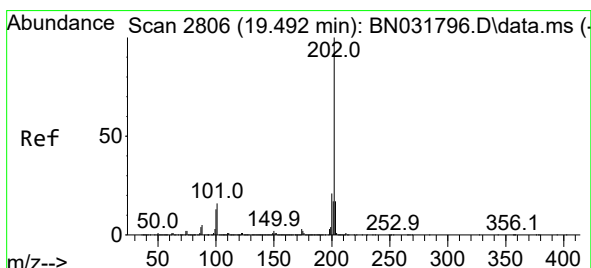
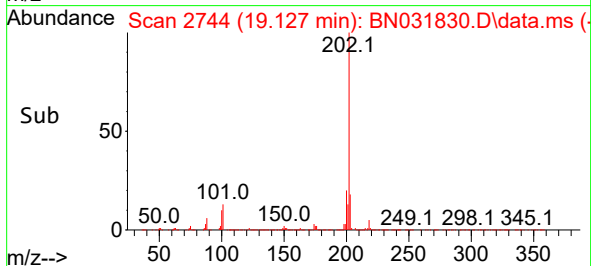
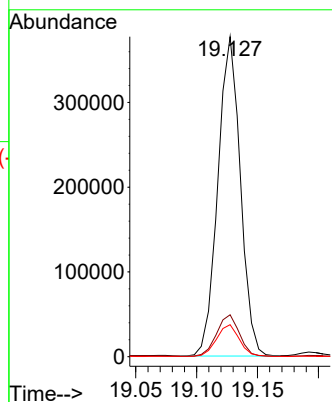
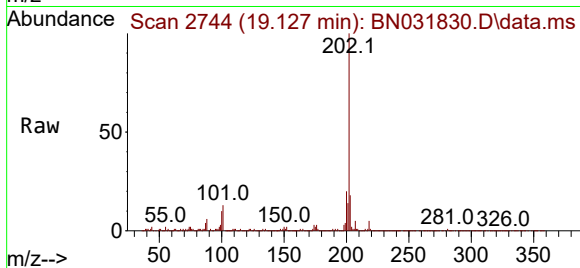
Tgt Ion:202 Resp: 485089

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

100 10.0 8.0 12.0



#82

Pyrene

Concen: 5.538 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

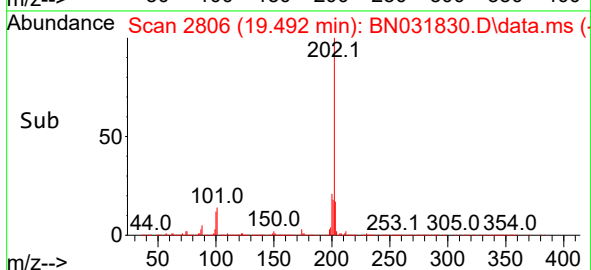
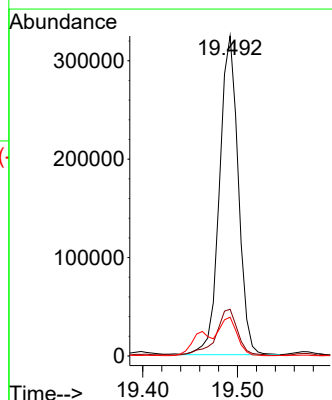
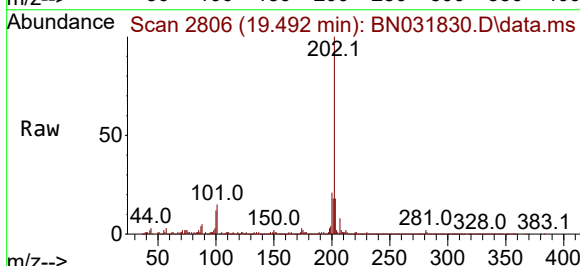
Tgt Ion:202 Resp: 446212

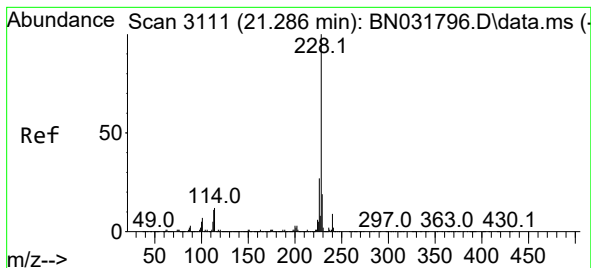
Ion Ratio Lower Upper

202 100

101 14.6 12.6 18.8

100 12.1 10.2 15.2





#85

Benzo(a)anthracene

Concen: 2.233 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

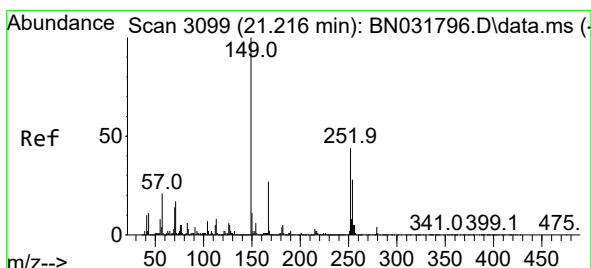
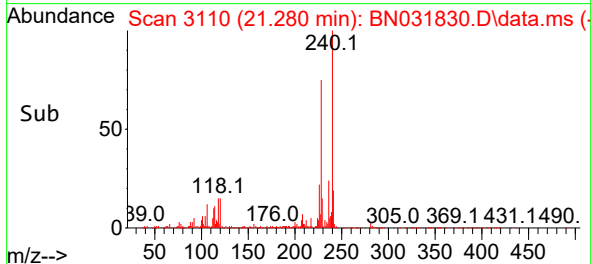
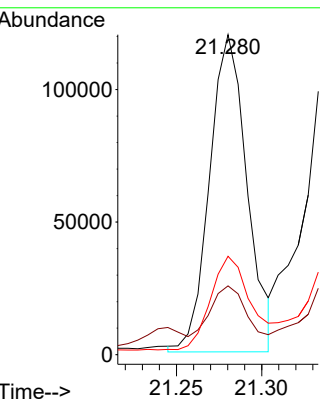
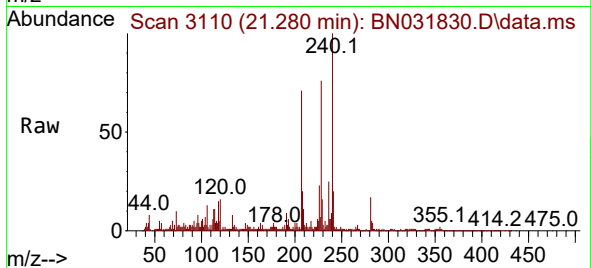
Tgt Ion:228 Resp: 183518

Ion Ratio Lower Upper

228 100

229 21.5 16.7 25.1

226 30.8 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 9.362 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

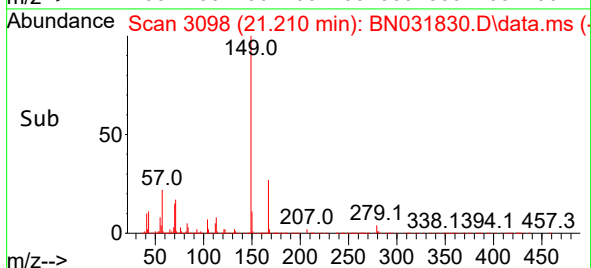
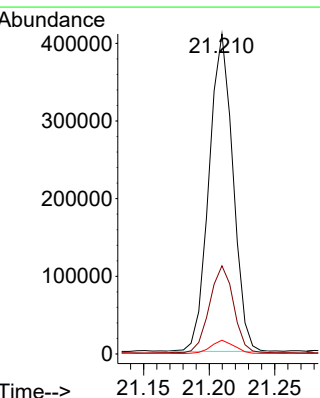
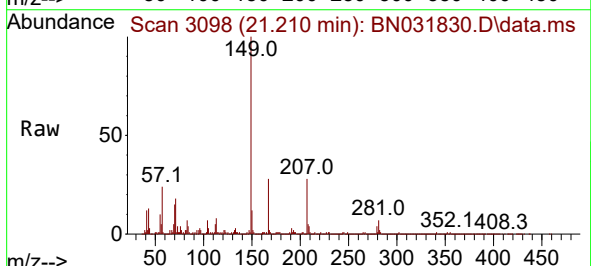
Tgt Ion:149 Resp: 519302

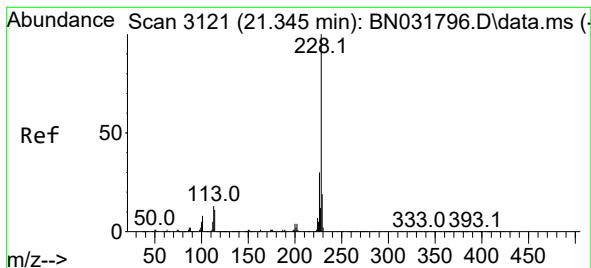
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.3 3.3 4.9





#87

Chrysene

Concen: 2.354 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.071 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

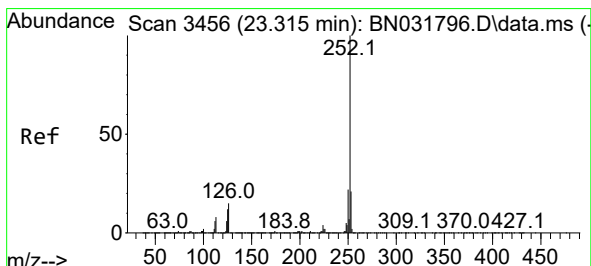
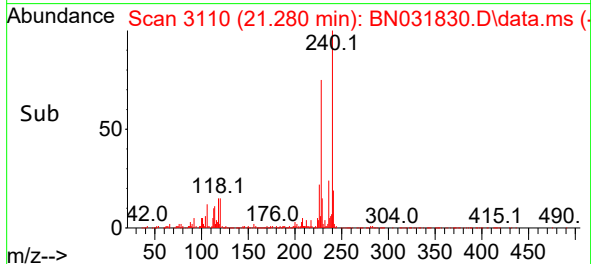
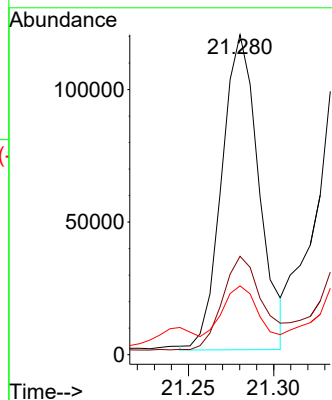
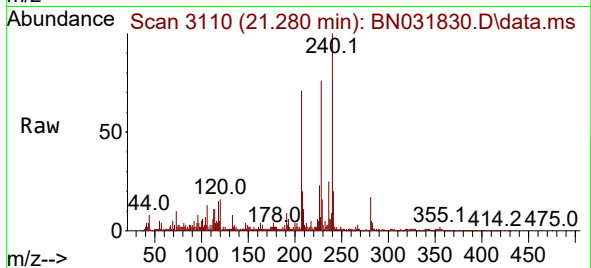
Tgt Ion:228 Resp: 180751

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

229 21.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 3.143 ng/ul

RT: 23.304 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

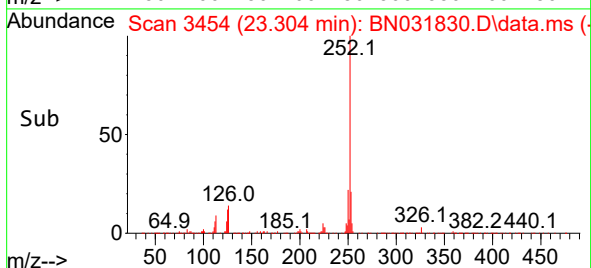
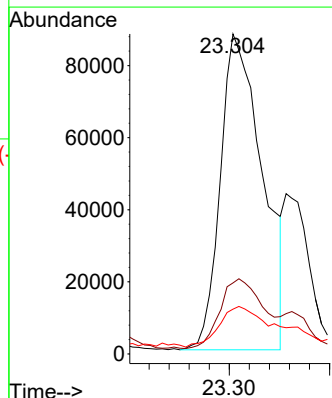
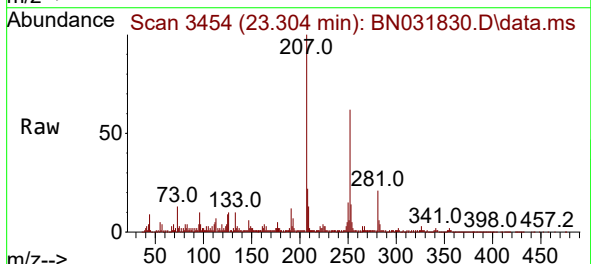
Tgt Ion:252 Resp: 254833

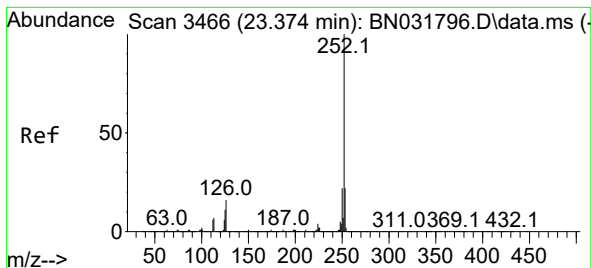
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 14.0 9.2 13.8#





#91

Benzo(k)fluoranthene

Concen: 3.203 ng/uI

RT: 23.304 min Scan# 3466

Delta R.T. -0.071 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

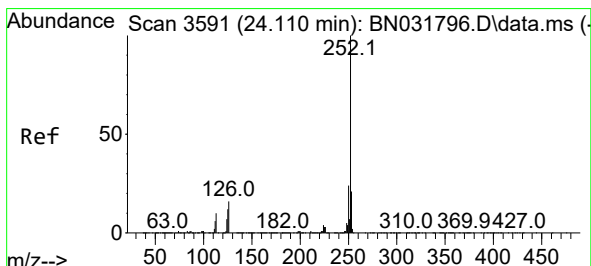
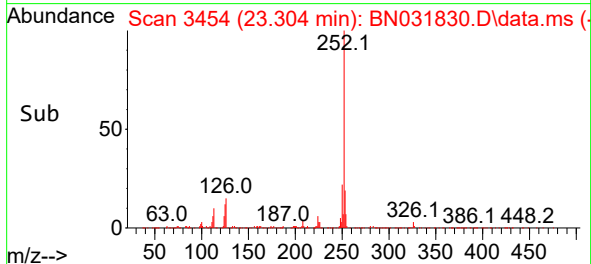
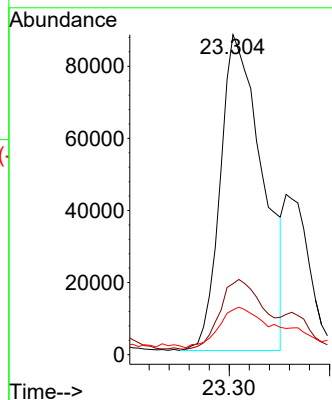
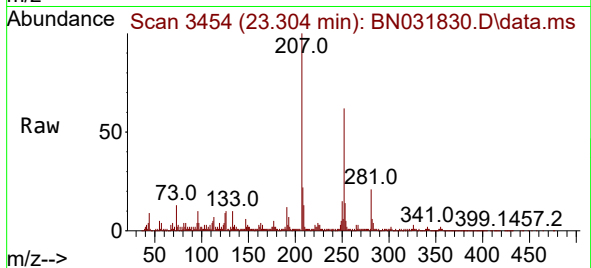
Tgt Ion:252 Resp: 254833

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 14.0 9.4 14.2



#93

Benzo(a)pyrene

Concen: 2.250 ng/uI

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031830.D

Acq: 06 Jun 2024 22:31

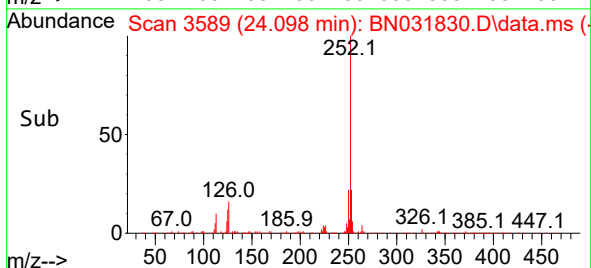
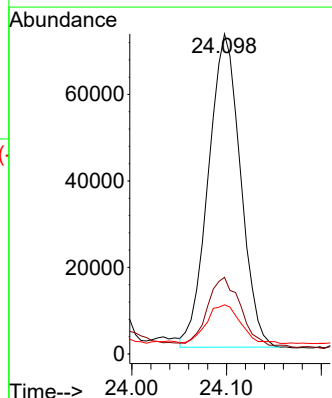
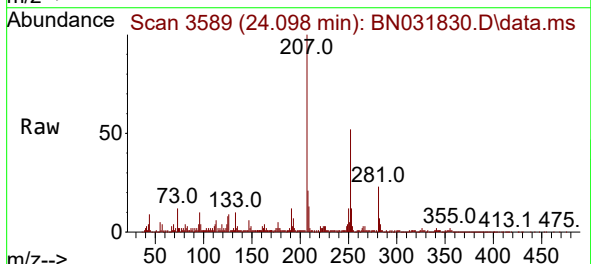
Tgt Ion:252 Resp: 170881

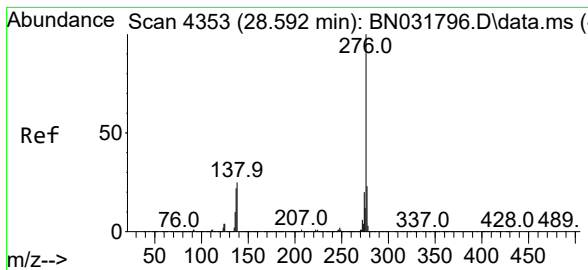
Ion Ratio Lower Upper

252 100

253 24.0 16.6 24.8

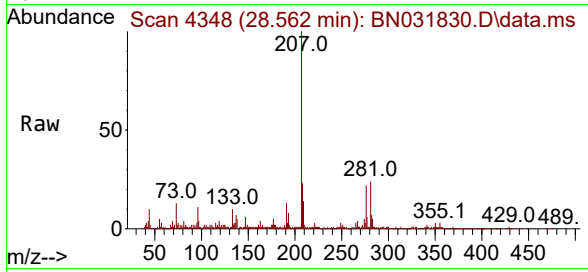
125 15.3 9.8 14.8#





#96
 Benzo(g,h,i)perylene
 Concen: 1.022 ng/ul
 RT: 28.562 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN031830.D
 Acq: 06 Jun 2024 22:31

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 71083

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.9	31.3
277	25.6	18.0	27.0

