

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032806.D
 Acq On : 18 Jul 2024 07:45
 Operator : MA/JU
 Sample : PB162054BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS054

Quant Time: Jul 18 08:12:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

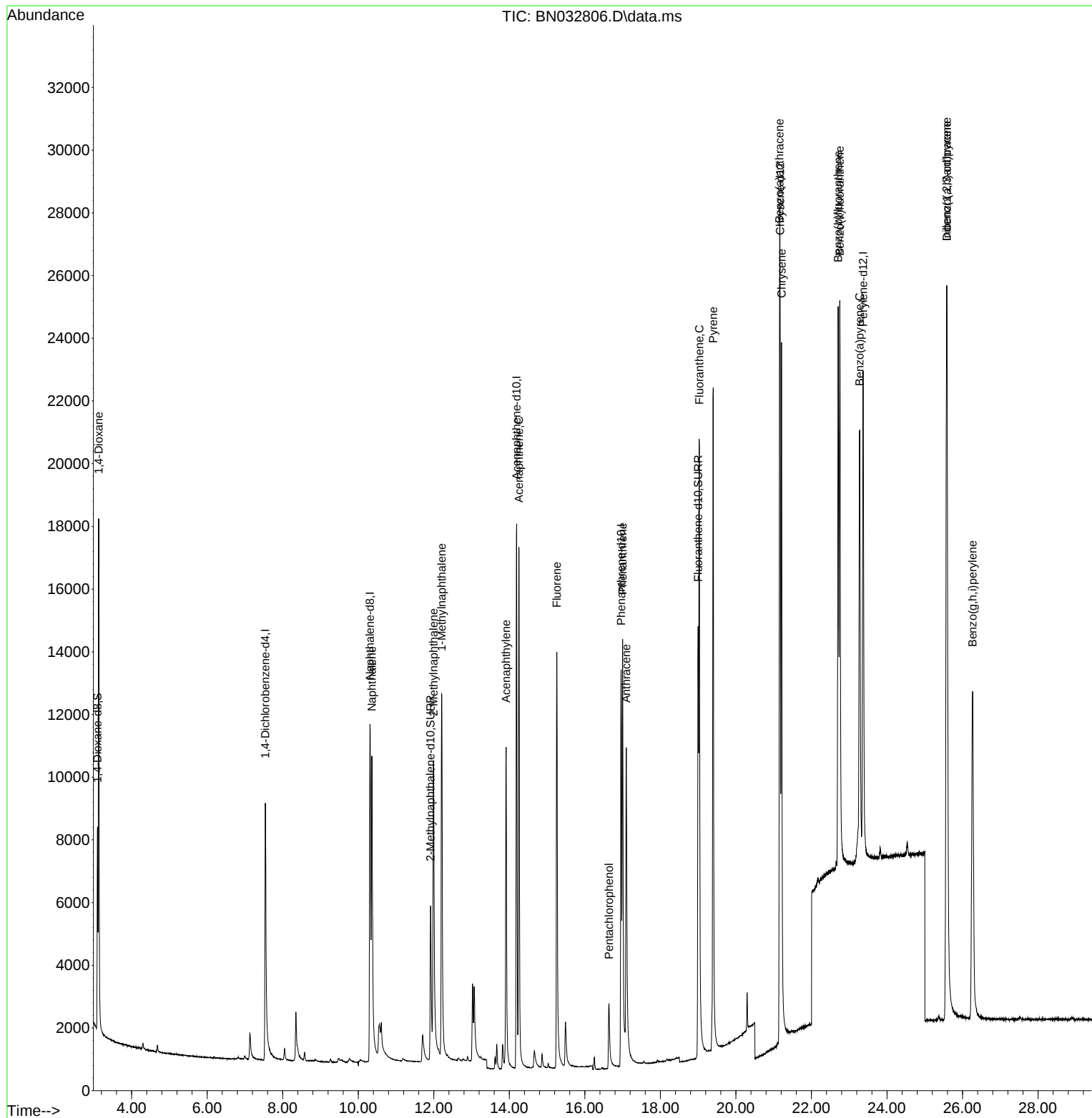
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6373	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	20135	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	10766	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	19284	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	18343	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	22341	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	4457	0.582	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	9824	0.323	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	18786	0.314	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	12044	1.382	ng/ul	91
5) Naphthalene	10.360	128	16716	0.309	ng/ul	98
7) 2-Methylnaphthalene	11.993	142	10344	0.306	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	10431	0.299	ng/ul	100
10) Acenaphthylene	13.915	152	14264	0.328	ng/ul	99
11) Acenaphthene	14.253	153	11107	0.309	ng/ul	99
12) Fluorene	15.257	166	11360	0.276	ng/ul	99
14) Pentachlorophenol	16.640	266	2564	0.758	ng/ul	99
15) Phenanthrene	16.999	178	16577	0.316	ng/ul	100
16) Anthracene	17.096	178	15556	0.363	ng/ul	100
19) Fluoranthene	19.031	202	21034	0.282	ng/ul	99
20) Pyrene	19.398	202	22508	0.292	ng/ul	98
21) Benzo(a)anthracene	21.156	228	21598	0.370	ng/ul	99
22) Chrysene	21.208	228	24122	0.286	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	23547	0.299	ng/ul	98
25) Benzo(k)fluoranthene	22.751	252	26181	0.273	ng/ul	98
26) Benzo(a)pyrene	23.275	252	23513	0.345	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.582	276	30619	0.331	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.582	278	24071	0.336	ng/ul#	96
29) Benzo(g,h,i)perylene	26.267	276	24044	0.311	ng/ul	98

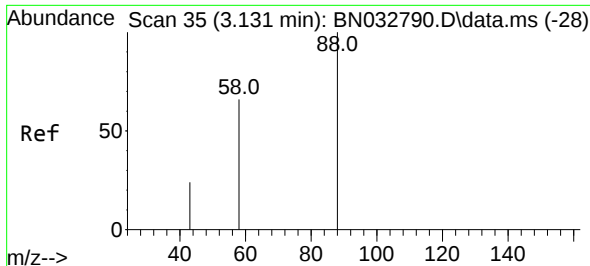
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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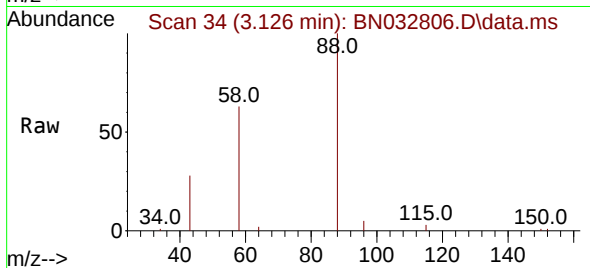
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



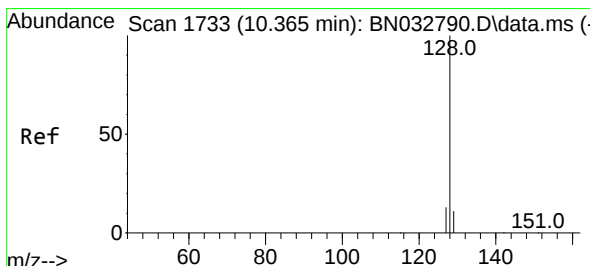
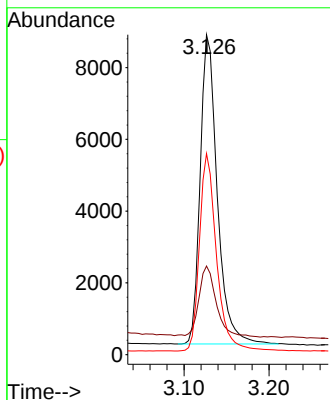
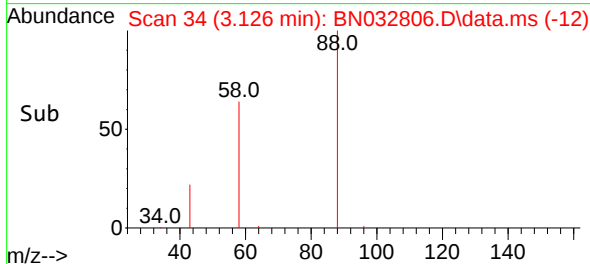


#2
1,4-Dioxane
Concen: 1.382 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.009 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

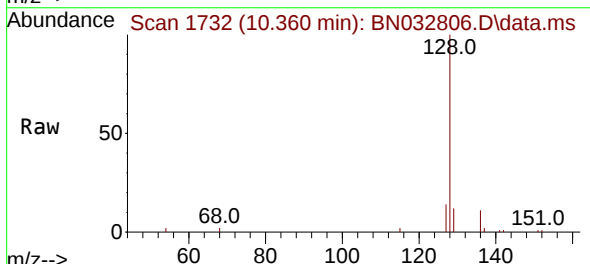
Instrument :
BNA_N
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SLCS054



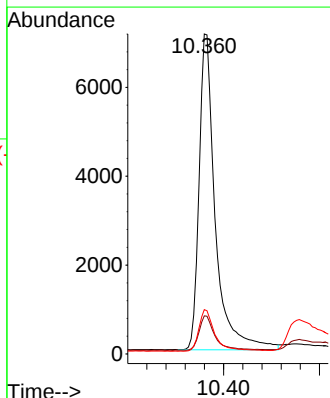
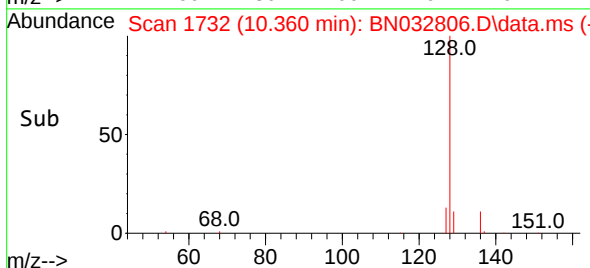
Tgt Ion: 88	Resp: 12044
Ion Ratio	Lower Upper
88 100	
43 27.7	24.0 36.0
58 62.8	43.3 64.9

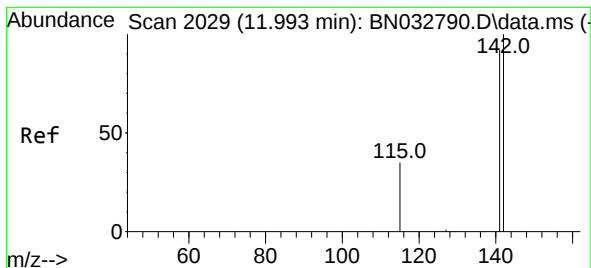


#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.360 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45



Tgt	Ion:128	Resp:	16716
Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	13.9	11.6	17.4

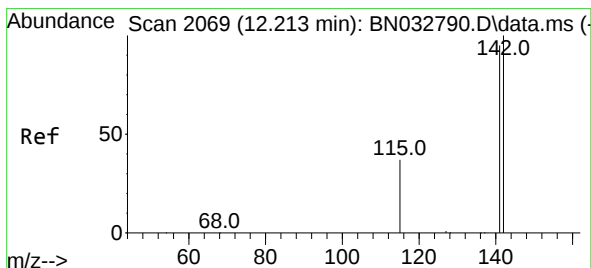
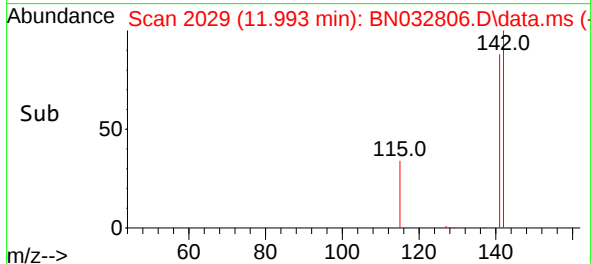
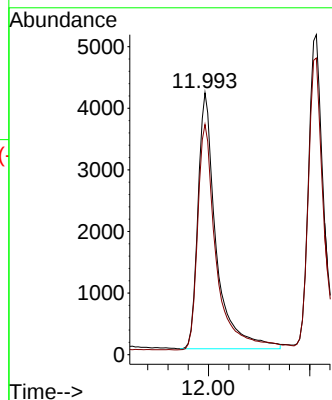
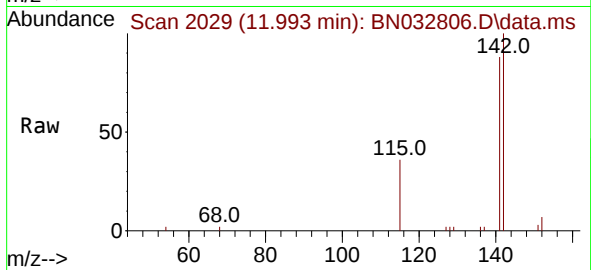




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

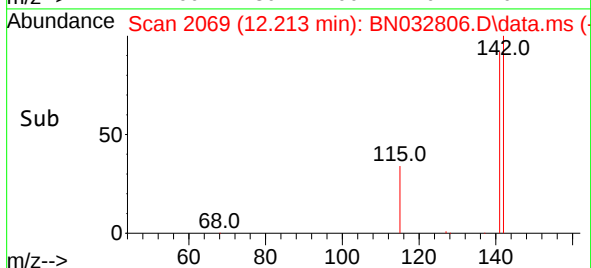
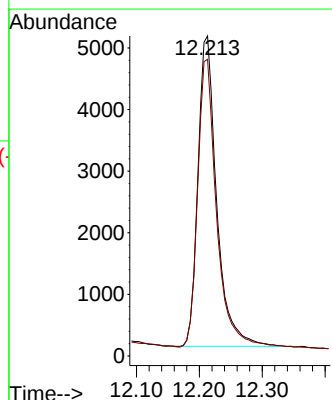
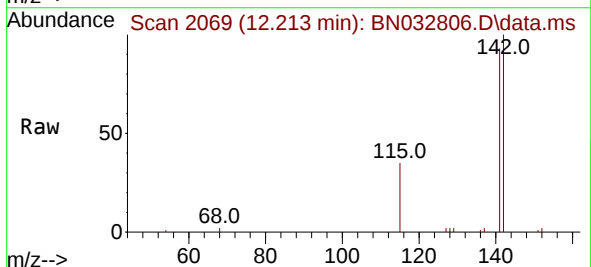
Instrument :
BNA_N
ClientSampleId :
SLCS054

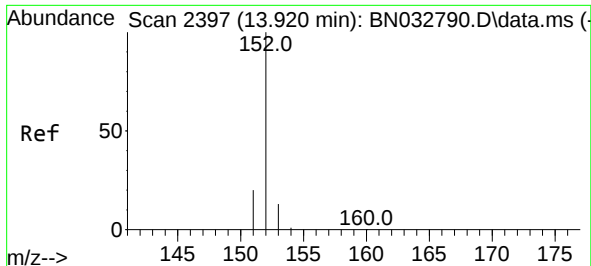
Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:142 Resp: 10431
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

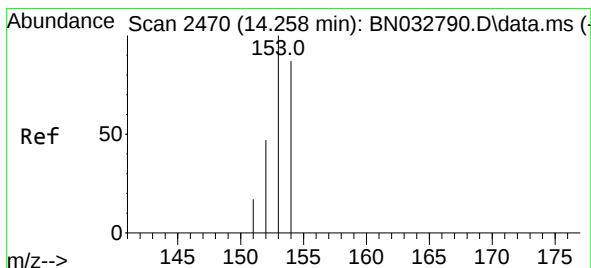
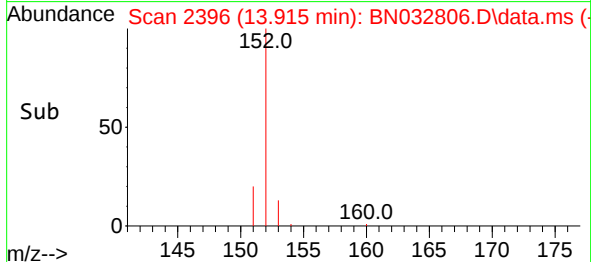
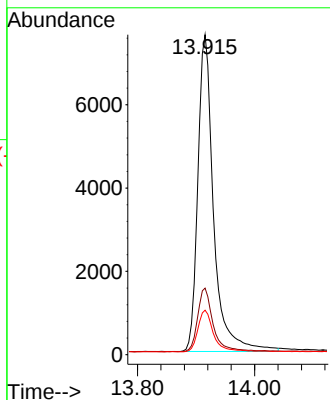
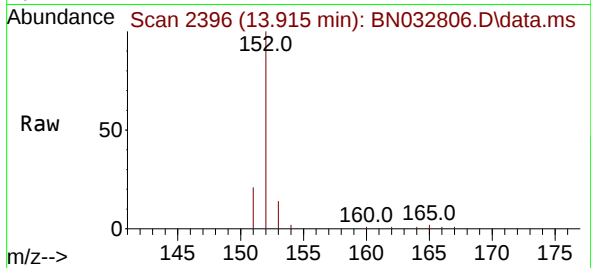




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 13.915 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

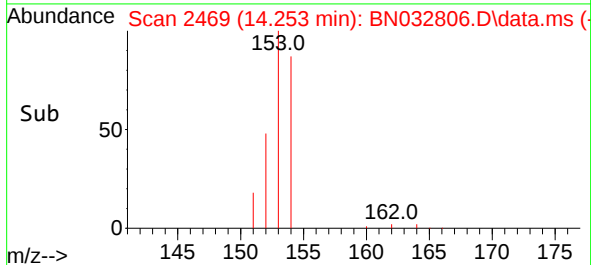
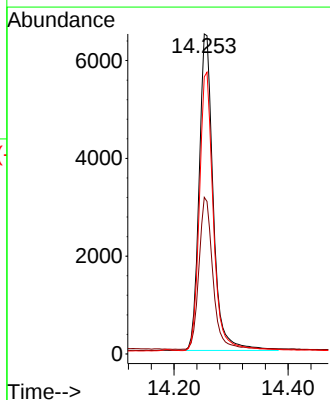
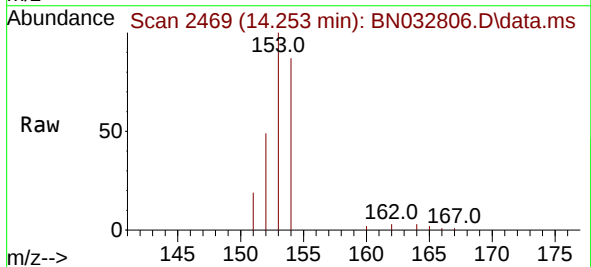
Instrument :
BNA_N
ClientSampleId :
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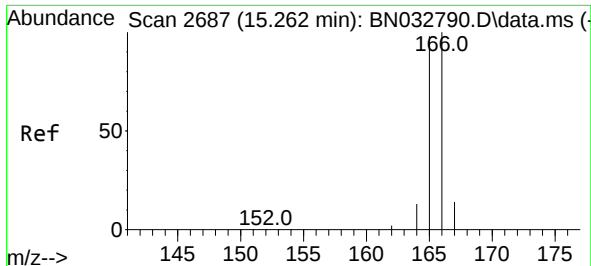
Tgt Ion:152 Resp: 14264
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.9 11.3 16.9



#11
Acenaphthene
Concen: 0.309 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:153 Resp: 11107
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 86.6 70.2 105.4

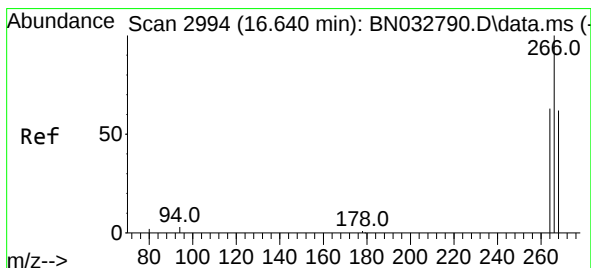
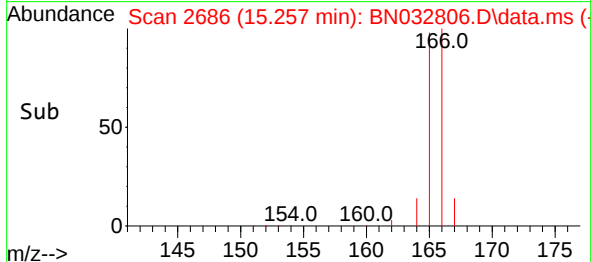
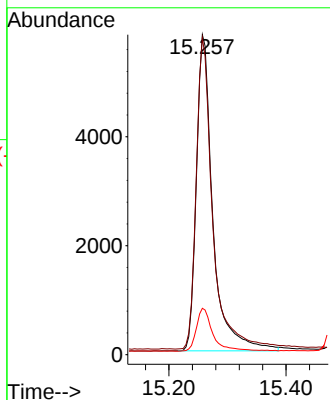
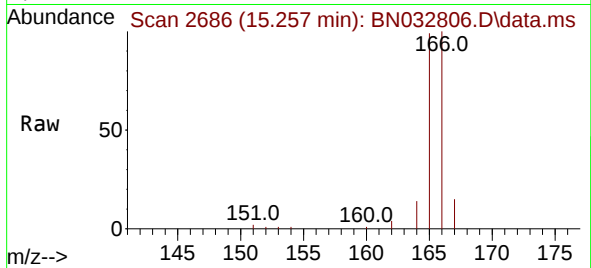




#12
 Fluorene
 Concen: 0.276 ng/ul
 RT: 15.257 min Scan# 2094
 Delta R.T. -0.009 min
 Lab File: BN032806.D
 Acq: 18 Jul 2024 07:45

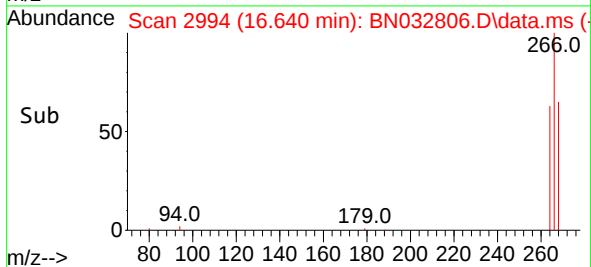
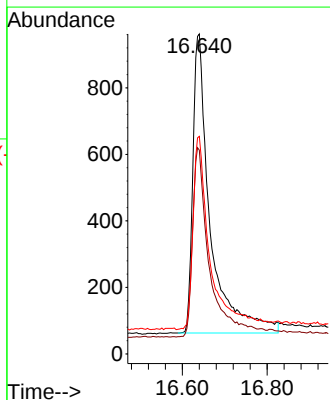
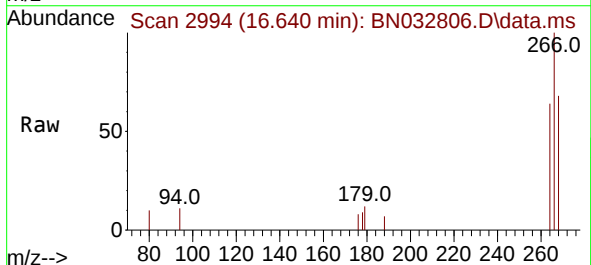
Instrument :
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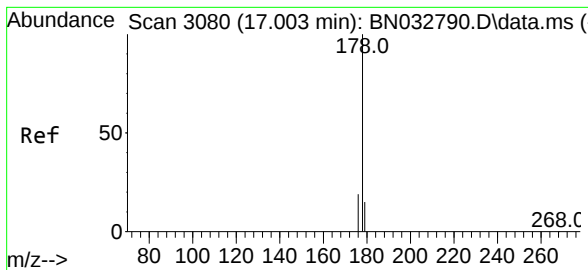
Tgt Ion:166 Resp: 11360
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.7 119.5
 167 14.5 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.758 ng/ul
 RT: 16.640 min Scan# 2994
 Delta R.T. -0.009 min
 Lab File: BN032806.D
 Acq: 18 Jul 2024 07:45

Tgt Ion:266 Resp: 2564
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.4 74.2
 268 65.2 51.6 77.4





#15

Phenanthrene

Concen: 0.316 ng/ul

RT: 16.999 min Scan# 3080

Delta R.T. -0.009 min

Lab File: BN032806.D

Acq: 18 Jul 2024 07:45

Instrument :

BNA_N

ClientSampleId :

SLCS054

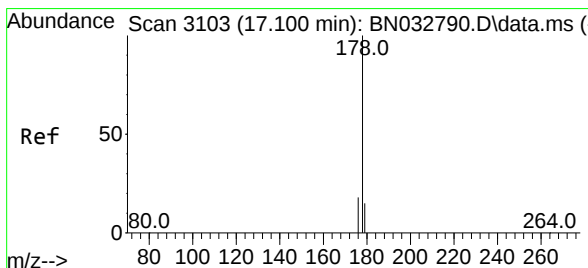
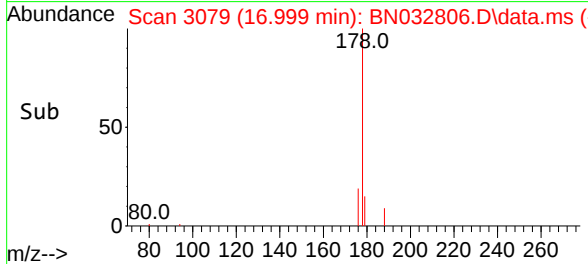
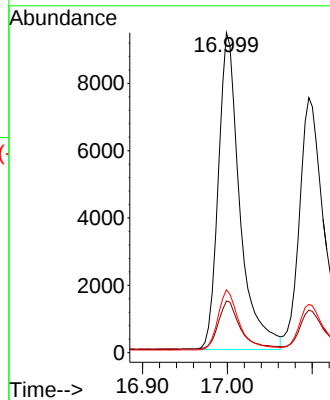
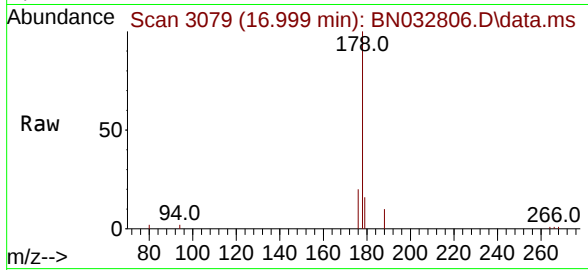
Tgt Ion:178 Resp: 16577

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

176 19.6 15.6 23.4



#16

Anthracene

Concen: 0.363 ng/ul

RT: 17.096 min Scan# 3102

Delta R.T. -0.009 min

Lab File: BN032806.D

Acq: 18 Jul 2024 07:45

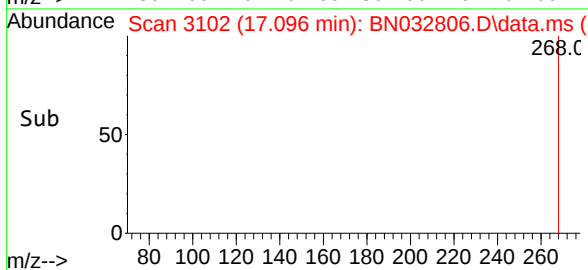
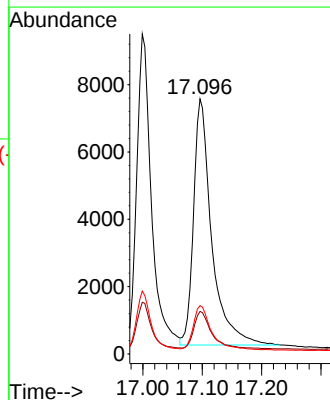
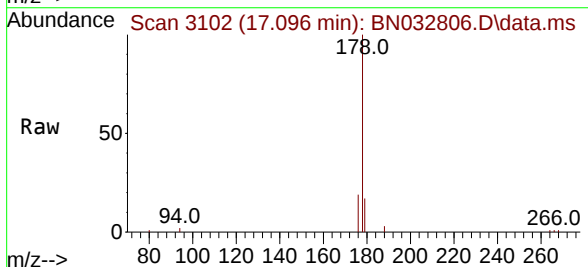
Tgt Ion:178 Resp: 15556

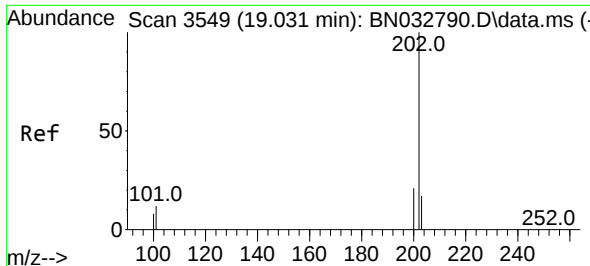
Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.2

176 18.9 15.4 23.0

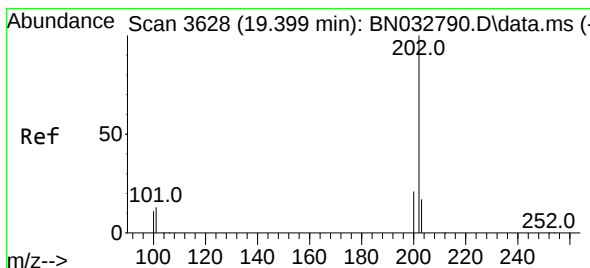
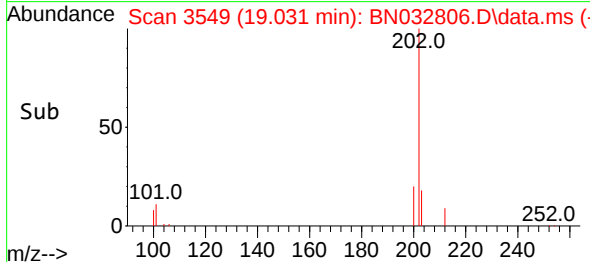
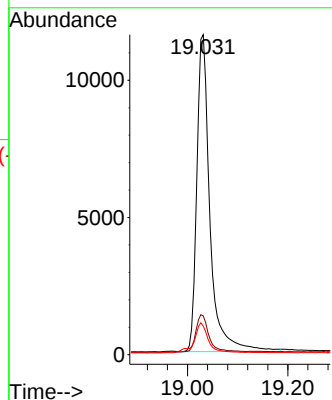
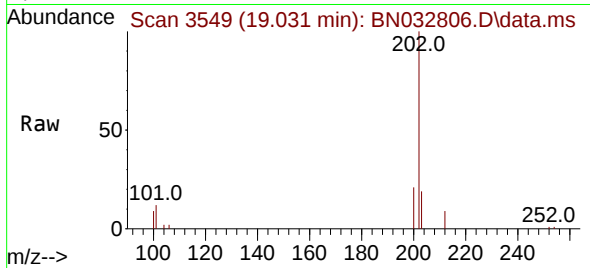




#19
Fluoranthene
Concen: 0.282 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

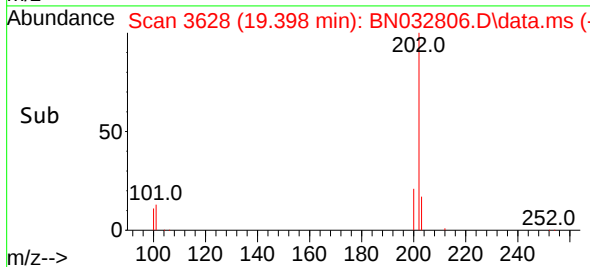
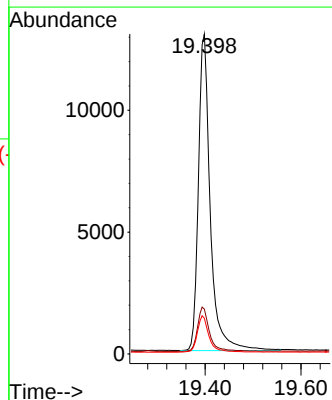
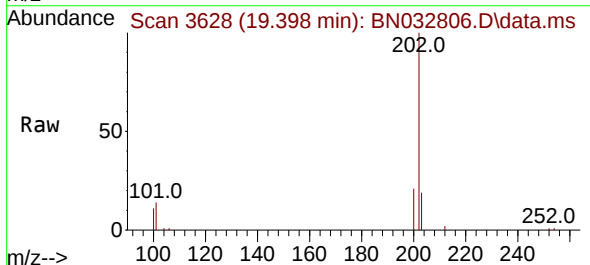
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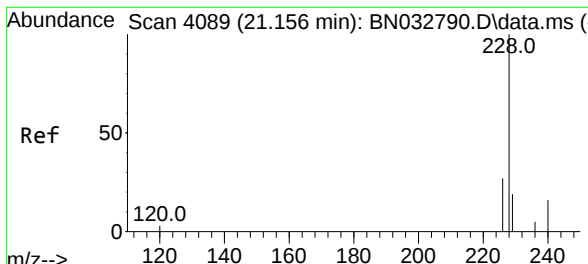
Tgt Ion:202 Resp: 21034
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:202 Resp: 22508
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.2 9.6 14.4

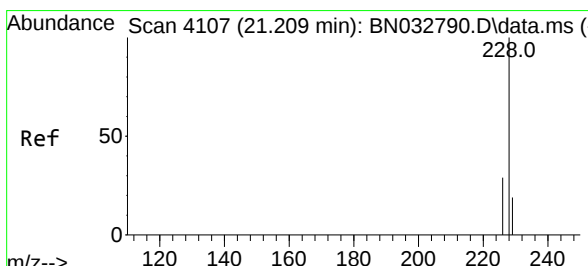
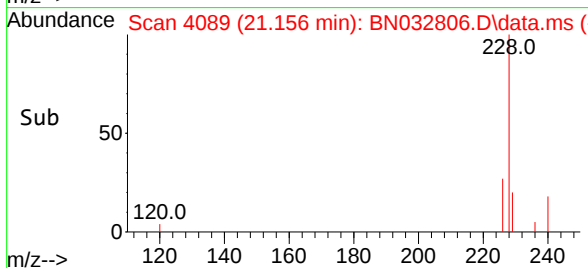
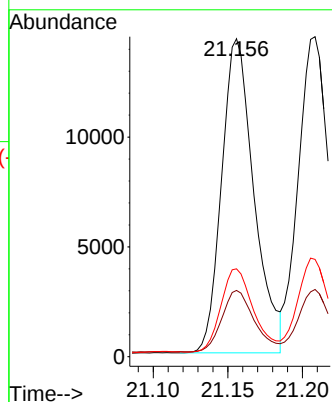
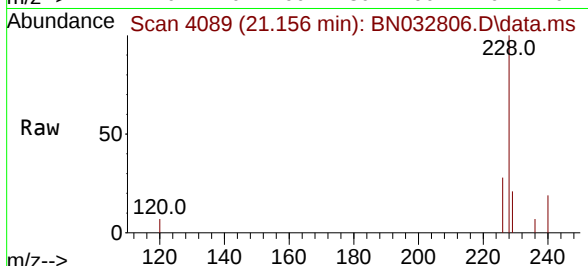




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.003 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

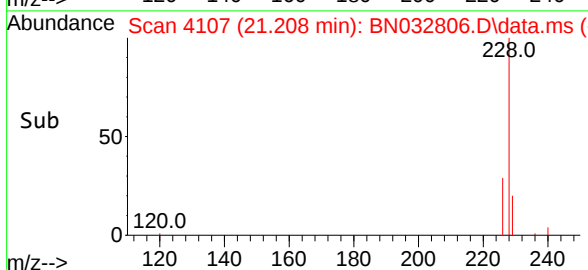
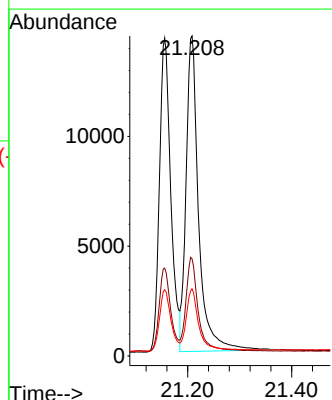
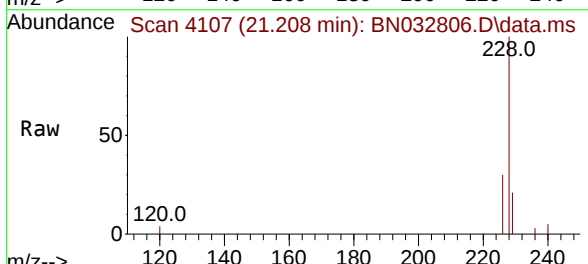
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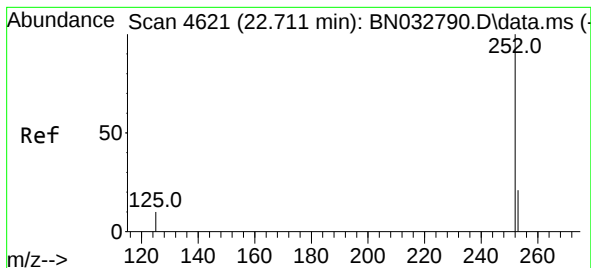
Tgt Ion:	228	Resp:	21598
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.1	24.1
226	27.6	21.9	32.9



#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.208 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:	228	Resp:	24122
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	21.0	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 0.299 ng/ul

RT: 22.707 min Scan# 4620

Delta R.T. -0.003 min

Lab File: BN032806.D

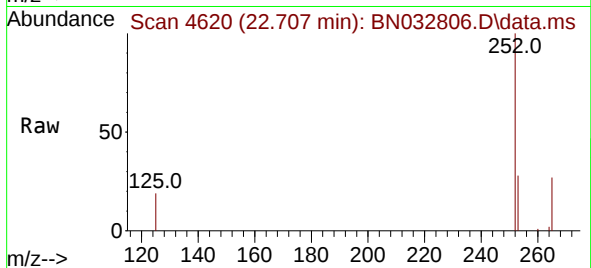
Acq: 18 Jul 2024 07:45

Instrument :

BNA_N

ClientSampleId :

SLCS054



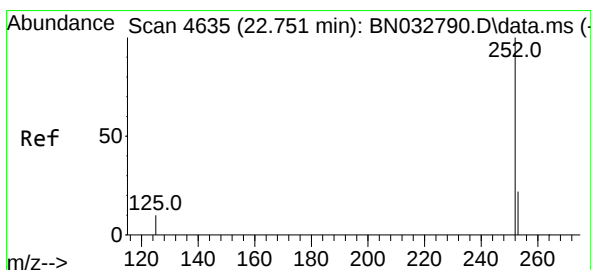
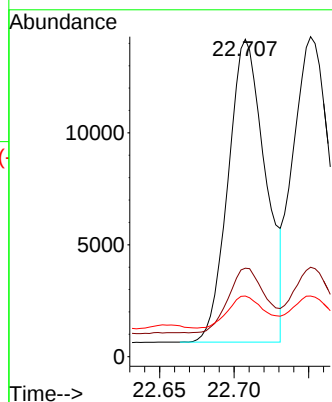
Tgt Ion:252 Resp: 23547

Ion Ratio Lower Upper

252 100

253 27.9 0.0 54.0

125 19.1 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 0.273 ng/ul

RT: 22.751 min Scan# 4635

Delta R.T. -0.003 min

Lab File: BN032806.D

Acq: 18 Jul 2024 07:45

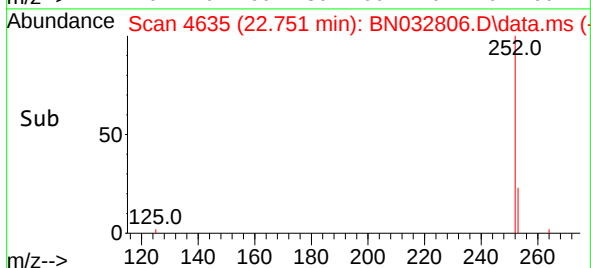
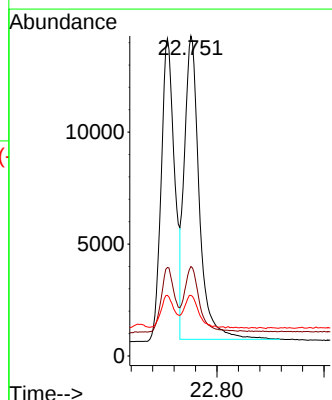
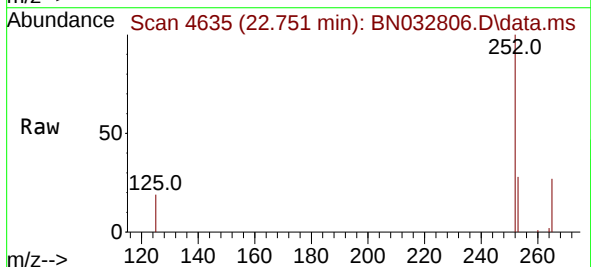
Tgt Ion:252 Resp: 26181

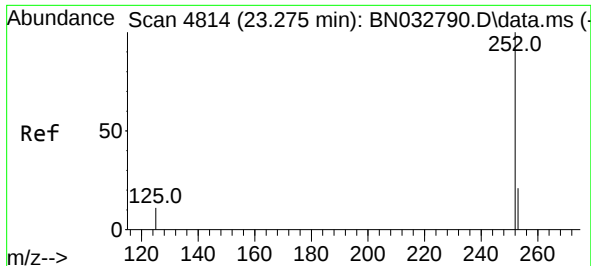
Ion Ratio Lower Upper

252 100

253 28.0 21.2 31.8

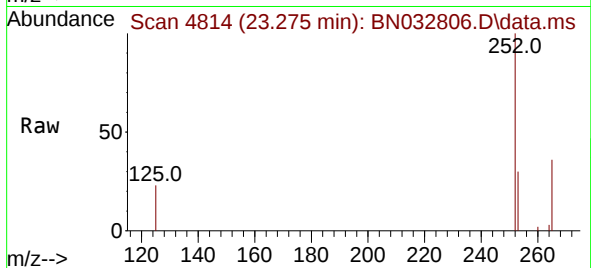
125 18.9 14.8 22.2



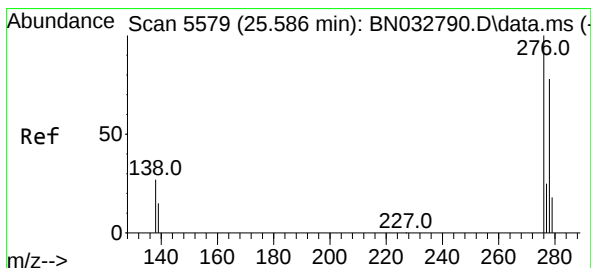
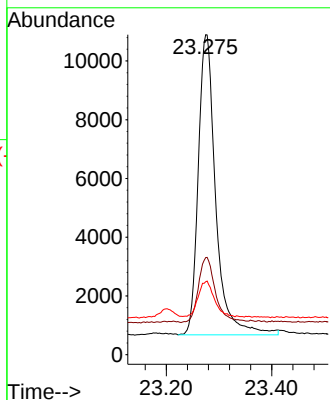
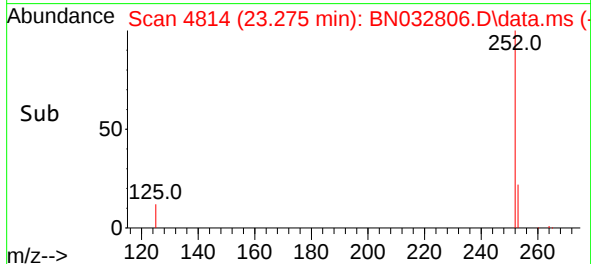


#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Instrument :
BNA_N
ClientSampleId :
SLCS054

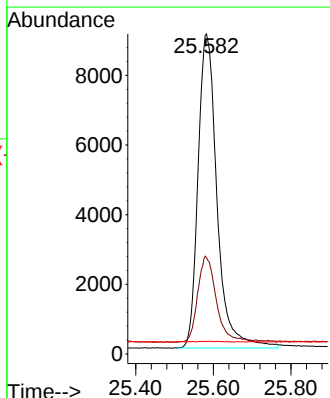
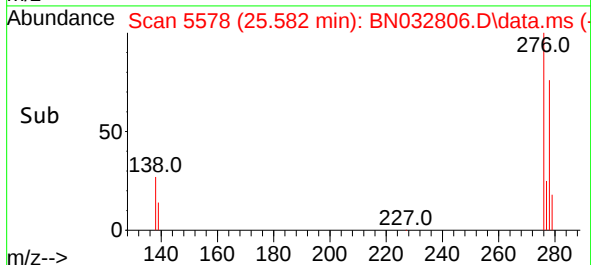
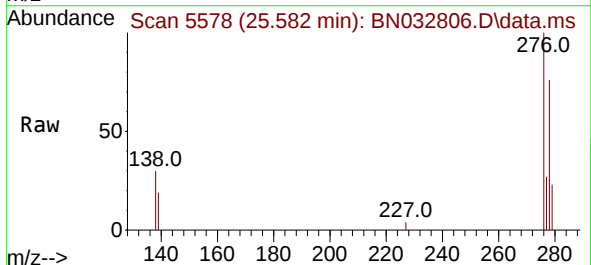


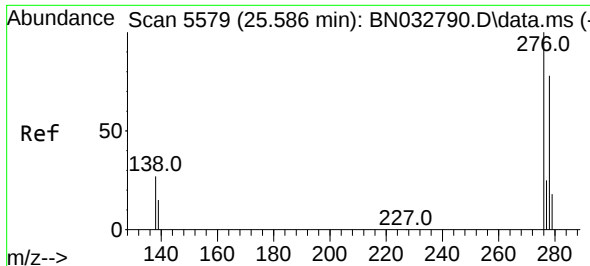
Tgt Ion:252 Resp: 23513
Ion Ratio Lower Upper
252 100
253 30.4 25.4 38.0
125 22.8 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:276 Resp: 30619
Ion Ratio Lower Upper
276 100
138 27.7 21.6 32.4
227 0.3 0.0 0.0#

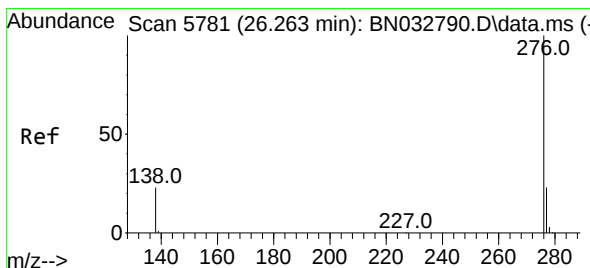
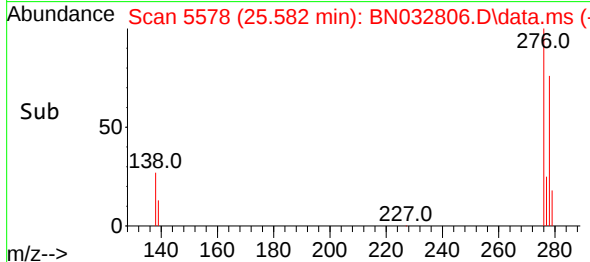
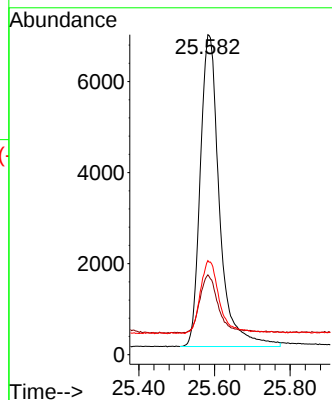
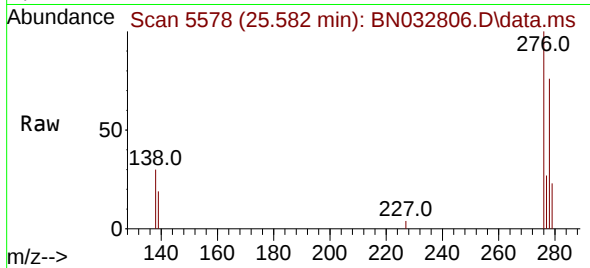




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.582 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Instrument :
BNA_N
ClientSampleId :
SLCS054

Tgt Ion:278 Resp: 24071
Ion Ratio Lower Upper
278 100
139 25.0 16.6 24.8#
279 29.4 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 26.267 min Scan# 5782
Delta R.T. 0.006 min
Lab File: BN032806.D
Acq: 18 Jul 2024 07:45

Tgt Ion:276 Resp: 24044
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
277 26.5 20.6 31.0

