

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032358.D
 Acq On : 01 Jul 2024 12:12
 Operator : MA/JU
 Sample : P2934-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN5

Quant Time: Jul 01 12:37:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

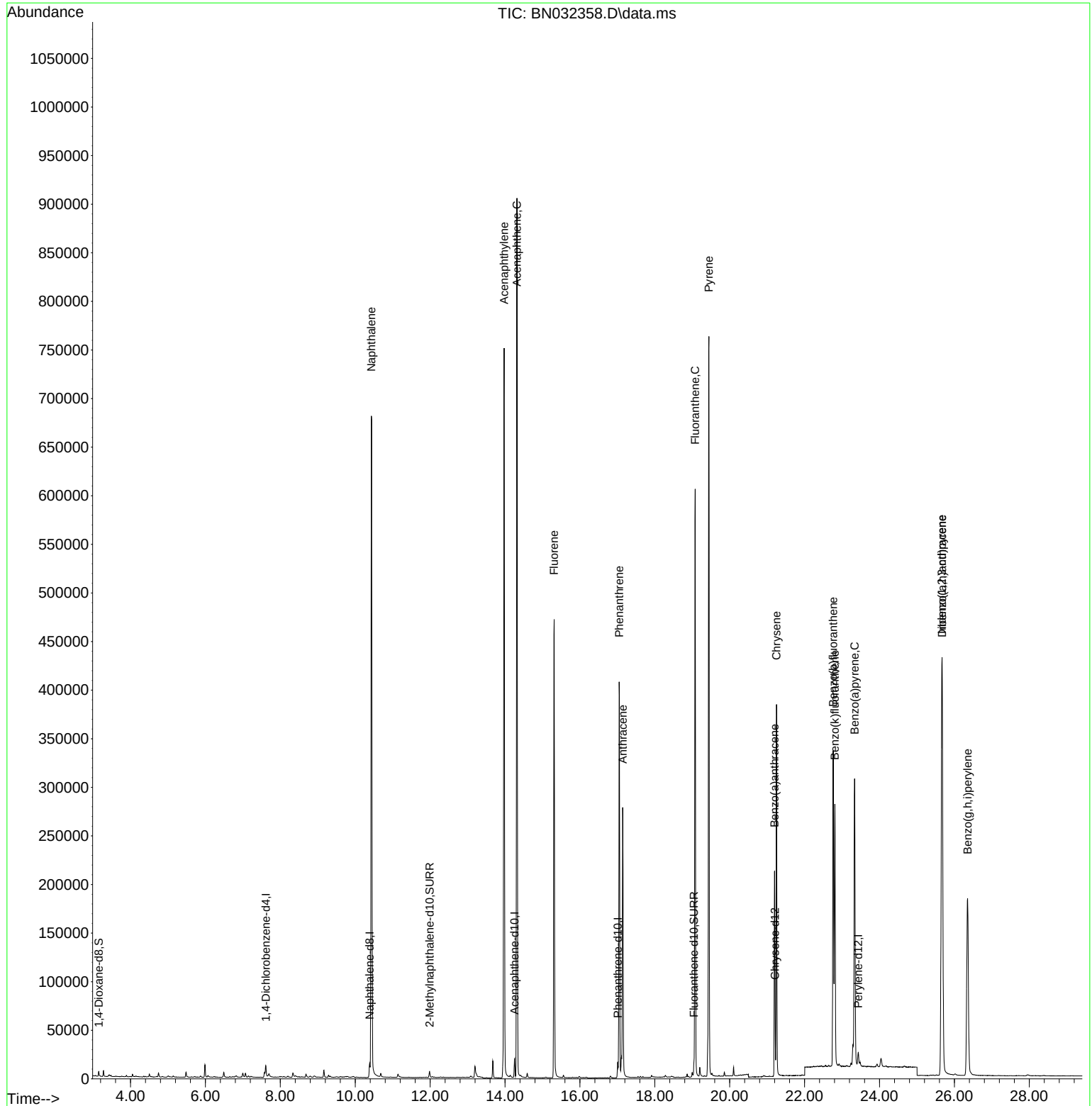
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	20807	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11020	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	19576	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	15461	0.400	ng/ul	#-0.01
23) Perylene-d12	23.433	264	18258	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	3375	0.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	9189	0.294	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	16497	0.355	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	971103	17.636	ng/ul	99
10) Acenaphthylene	13.975	152	854667	18.648	ng/ul	99
11) Acenaphthene	14.318	153	518616	14.580	ng/ul	98
12) Fluorene	15.312	166	309954	7.313	ng/ul	98
15) Phenanthrene	17.050	178	436511	8.133	ng/ul	99
16) Anthracene	17.143	178	311710	6.511	ng/ul	99
19) Fluoranthene	19.078	202	533822	9.067	ng/ul	99
20) Pyrene	19.445	202	644705	10.479	ng/ul	97
21) Benzo(a)anthracene	21.197	228	182210	3.265	ng/ul	100
22) Chrysene	21.249	228	324604	5.300	ng/ul	99
24) Benzo(b)fluoranthene	22.763	252	402479	5.074	ng/ul	93
25) Benzo(k)fluoranthene	22.807	252	335305	4.351	ng/ul	95
26) Benzo(a)pyrene	23.336	252	436736	7.913	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.663	276	538785	6.235	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.676	278	343495	5.350	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	378692	5.501	ng/ul	98

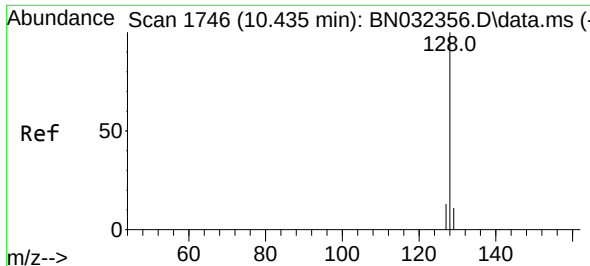
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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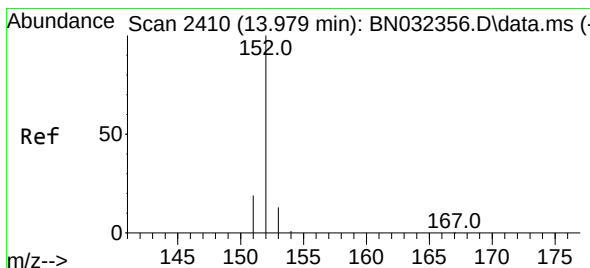
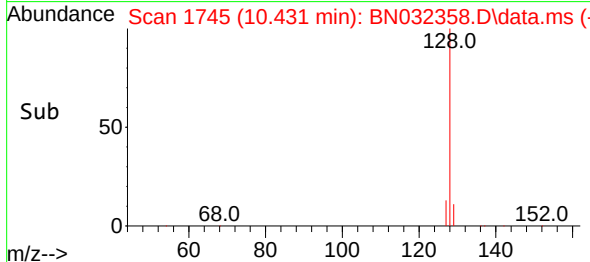
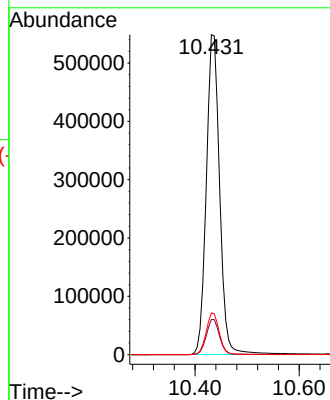
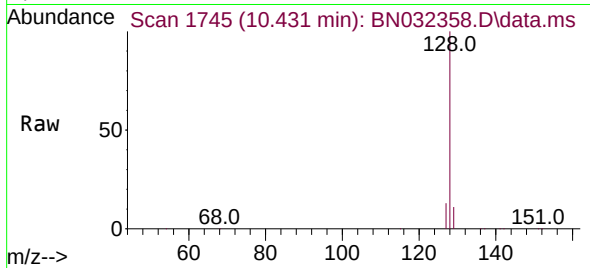




#5
Naphthalene
Concen: 17.636 ng/ul
RT: 10.431 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

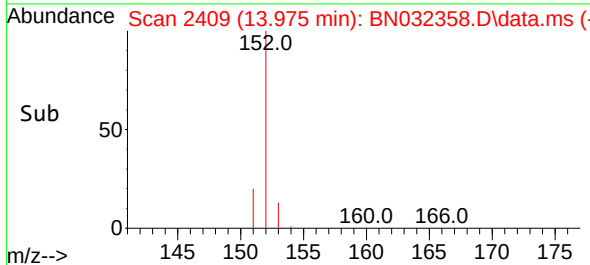
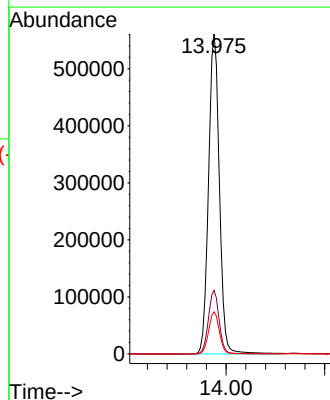
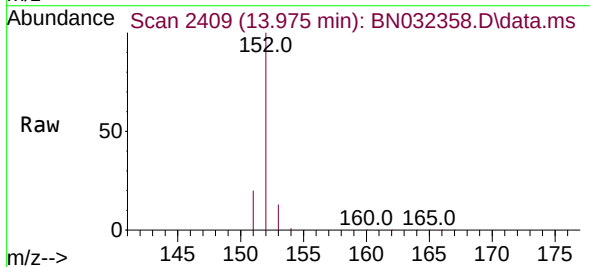
Instrument :
BNA_N
ClientSampleId :
A4DN5

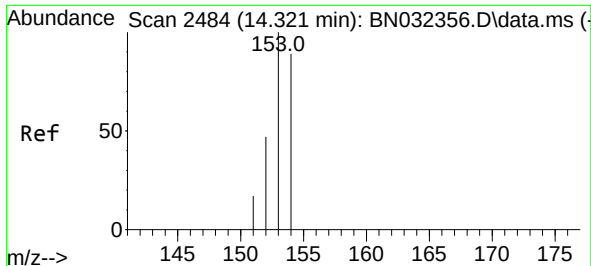
Tgt Ion:128 Resp: 971103
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.1 10.8 16.2



#10
Acenaphthylene
Concen: 18.648 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:152 Resp: 854667
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.9 16.3

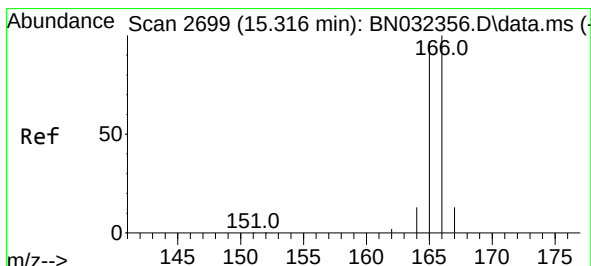
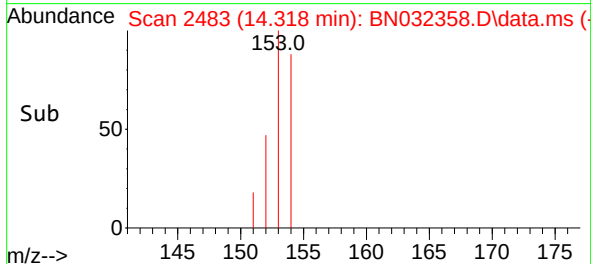
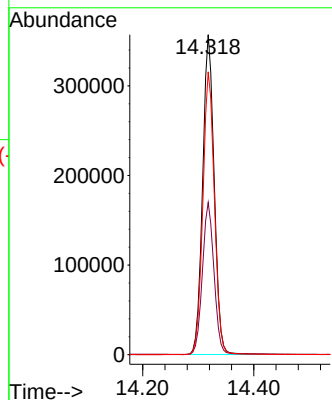
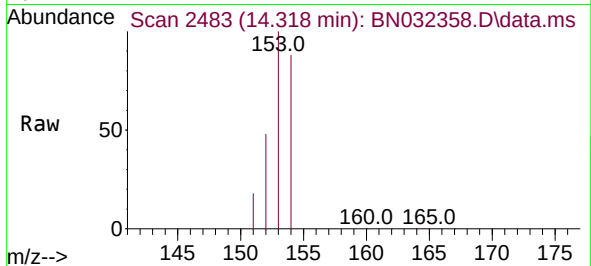




#11
Acenaphthene
Concen: 14.580 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

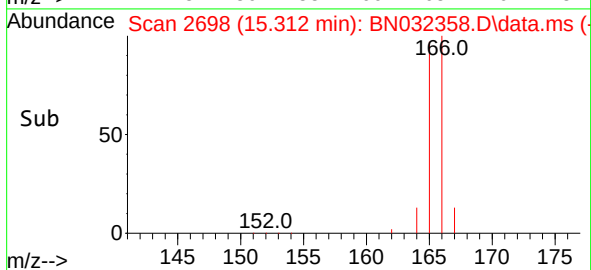
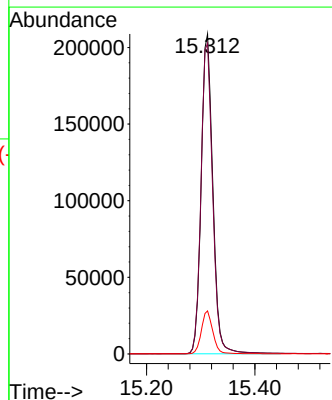
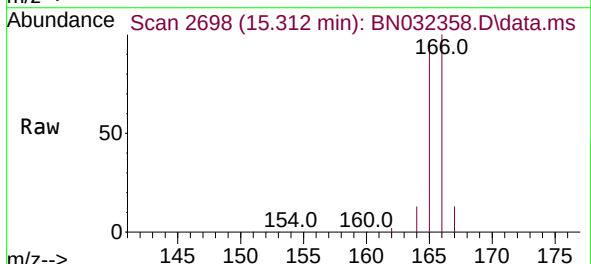
Instrument :
BNA_N
ClientSampleId :
A4DN5

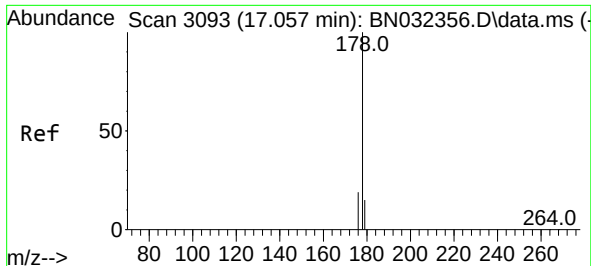
Tgt Ion:153 Resp: 518616
Ion Ratio Lower Upper
153 100
152 47.5 39.5 59.3
154 88.4 71.7 107.5



#12
Fluorene
Concen: 7.313 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:166 Resp: 309954
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.4 11.0 16.6

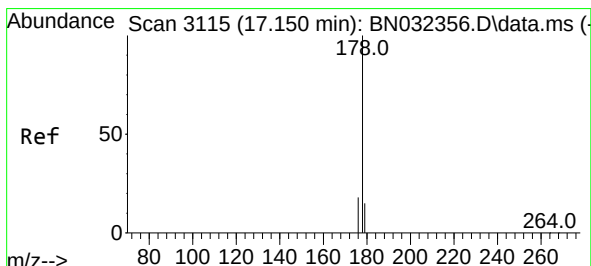
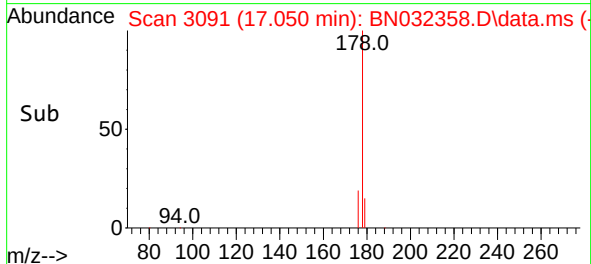
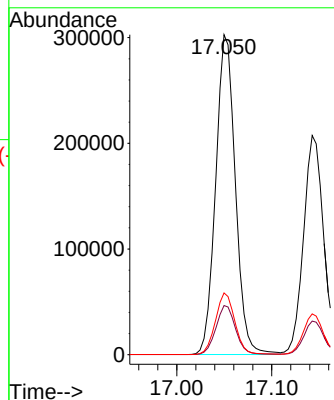
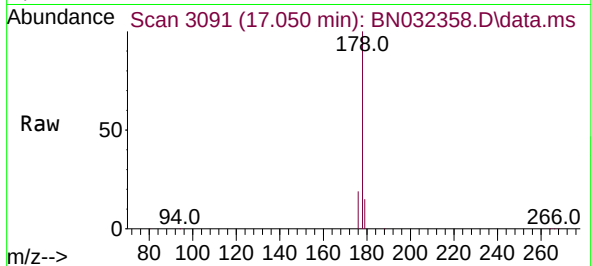




#15
Phenanthrene
Concen: 8.133 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

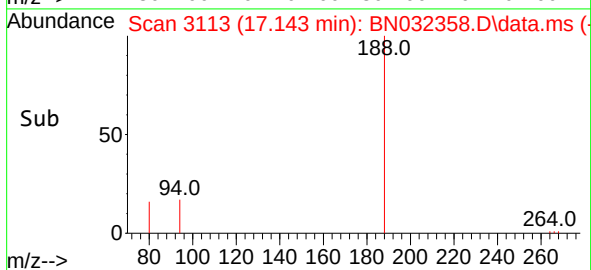
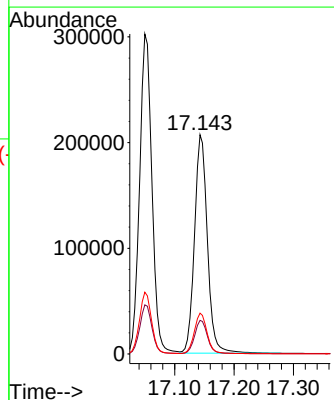
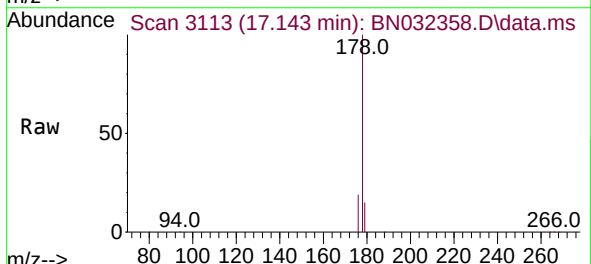
Instrument :
BNA_N
ClientSampleId :
A4DN5

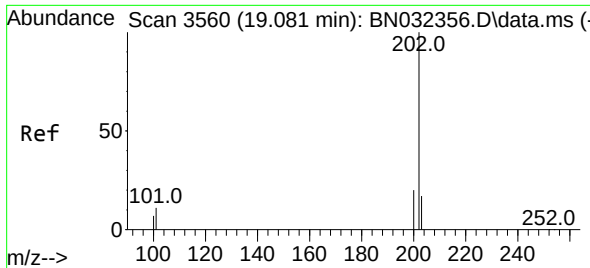
Tgt Ion:178 Resp: 436511
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.3 15.6 23.4



#16
Anthracene
Concen: 6.511 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:178 Resp: 311710
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.6 15.0 22.6

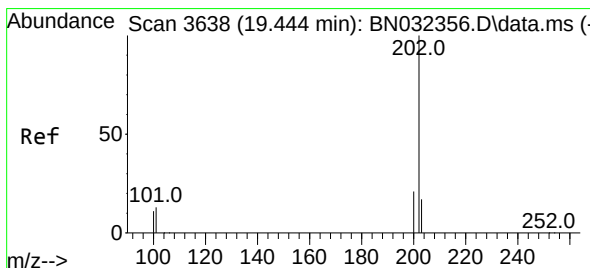
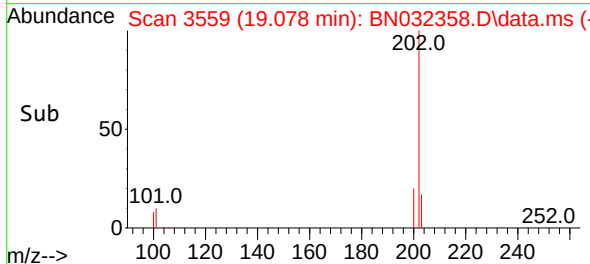
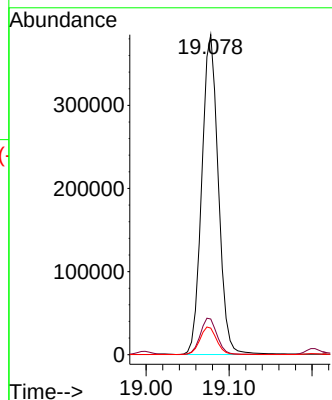
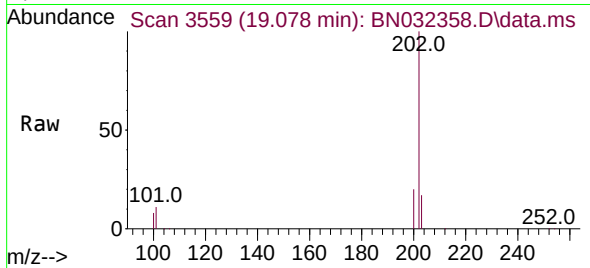




#19
Fluoranthene
Concen: 9.067 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

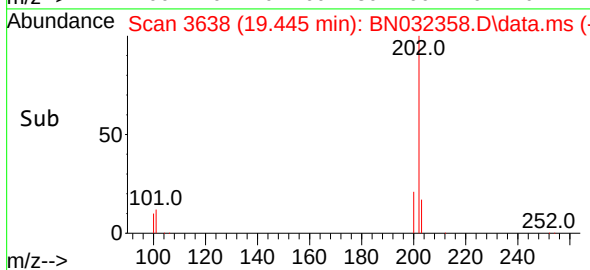
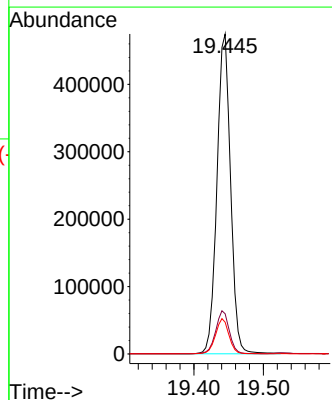
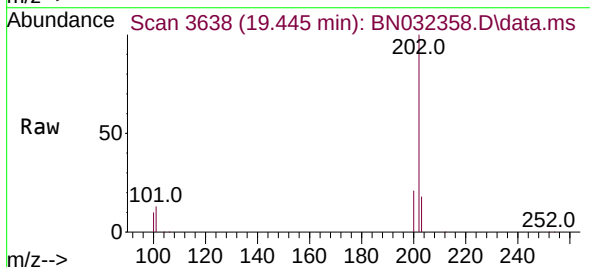
Instrument :
BNA_N
ClientSampleId :
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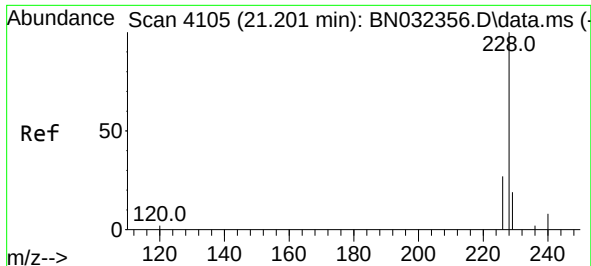
Tgt Ion:202 Resp: 533822
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.3 6.4 9.6



#20
Pyrene
Concen: 10.479 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

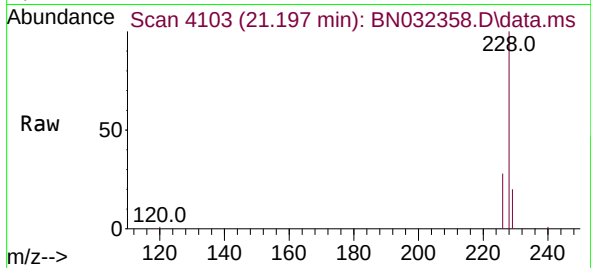
Tgt Ion:202 Resp: 644705
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.4
100 9.9 8.7 13.1



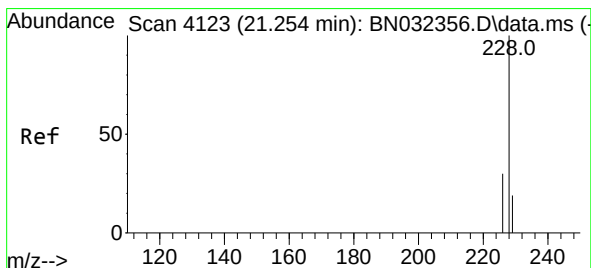
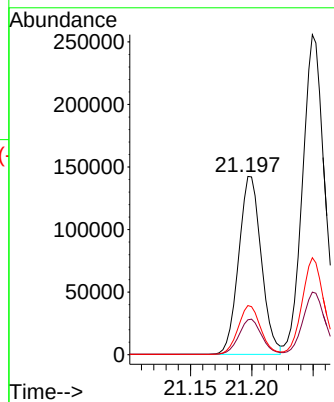
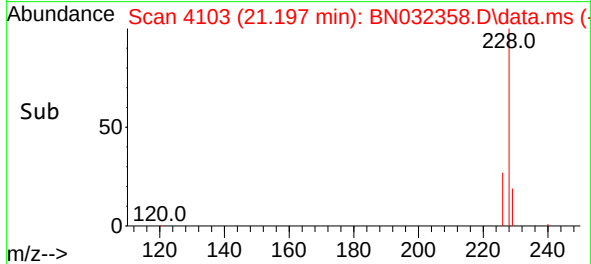


#21
Benzo(a)anthracene
Concen: 3.265 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DN5

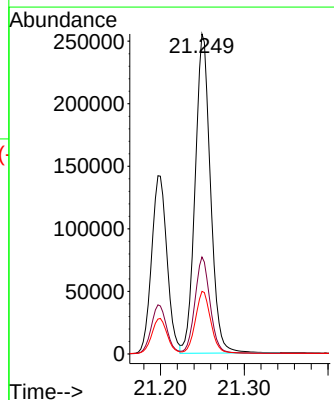
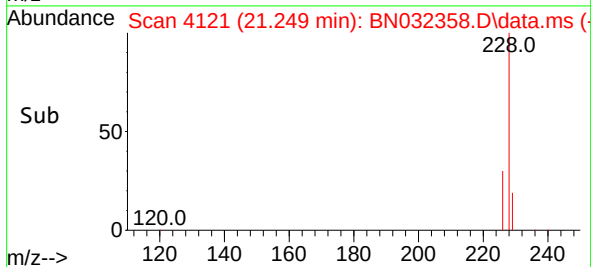
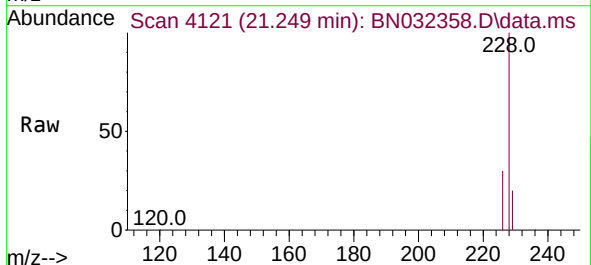


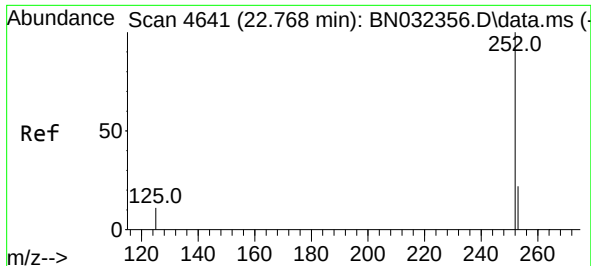
Tgt Ion:228 Resp: 182210
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.5 21.8 32.8



#22
Chrysene
Concen: 5.300 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:228 Resp: 324604
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 19.6 15.7 23.5

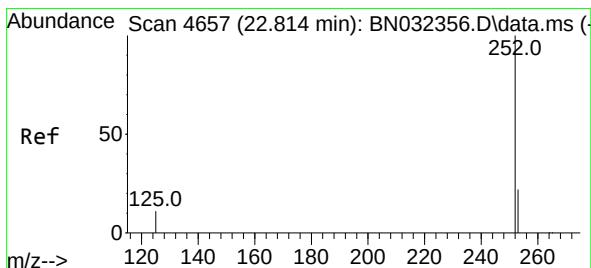
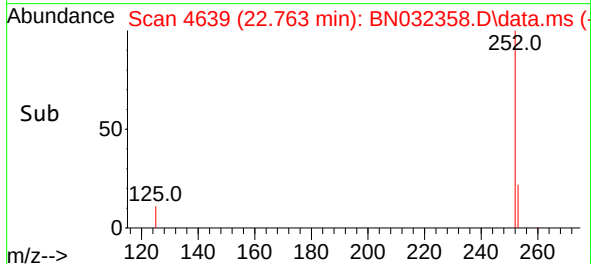
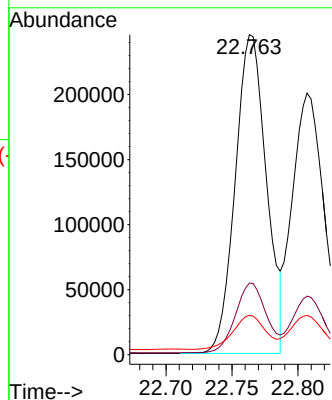
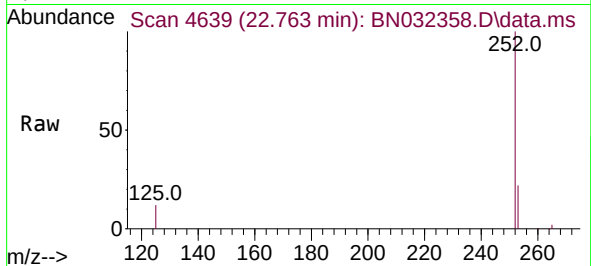




#24
Benzo(b)fluoranthene
Concen: 5.074 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

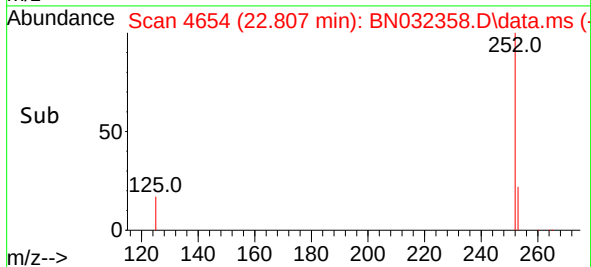
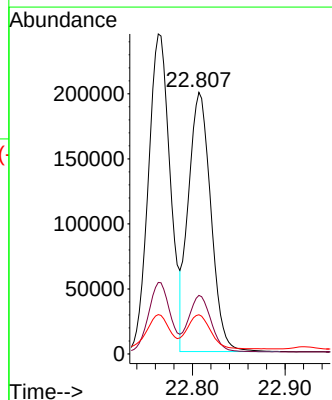
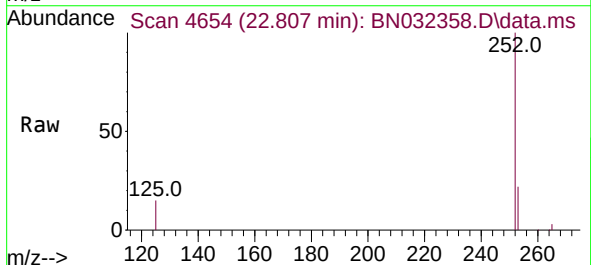
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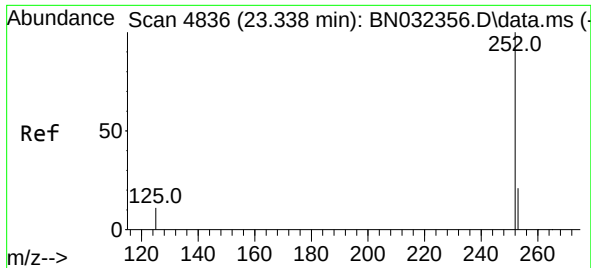
Tgt Ion:252 Resp: 402479
Ion Ratio Lower Upper
252 100
253 22.3 0.0 50.2
125 12.3 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 4.351 ng/ul
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:252 Resp: 335305
Ion Ratio Lower Upper
252 100
253 22.4 20.3 30.5
125 15.0 12.8 19.2

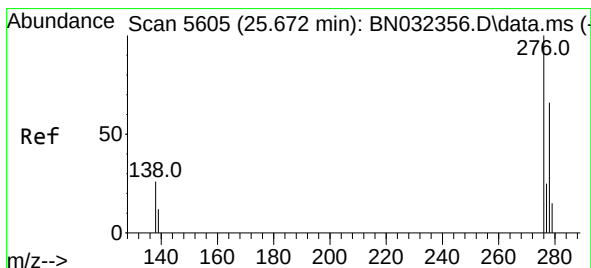
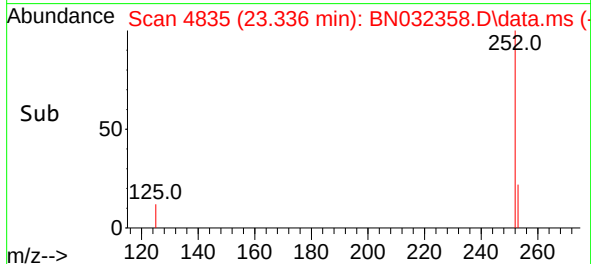
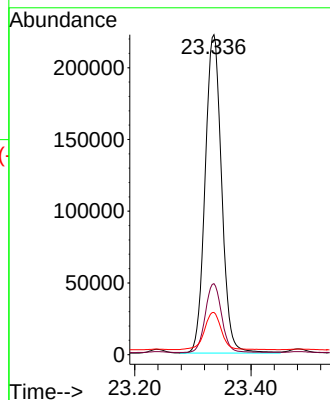
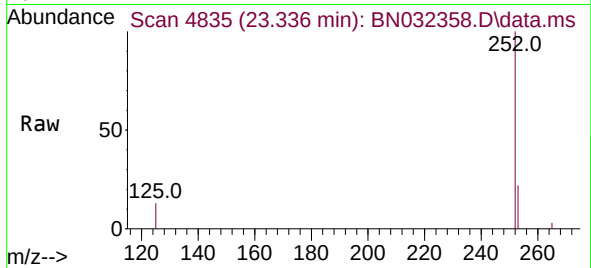




#26
Benzo(a)pyrene
Concen: 7.913 ng/ul
RT: 23.336 min Scan# 4836
Delta R.T. -0.024 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

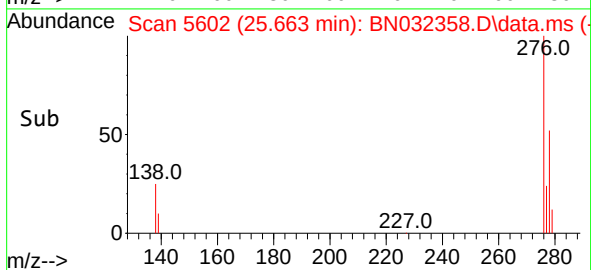
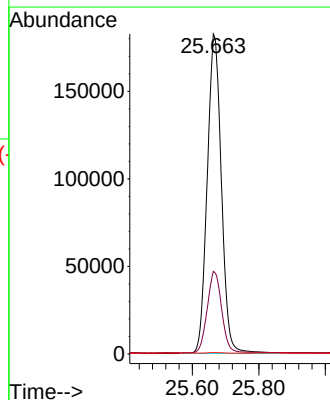
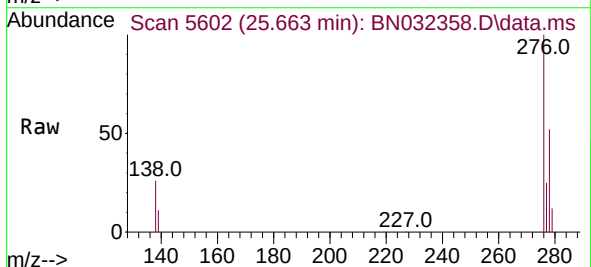
Instrument :
BNA_N
ClientSampleId :
A4DN5

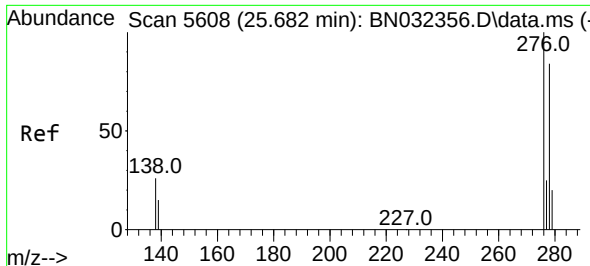
Tgt Ion:252 Resp: 436736
Ion Ratio Lower Upper
252 100
253 22.2 22.2 33.2
125 13.2 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.235 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:276 Resp: 538785
Ion Ratio Lower Upper
276 100
138 25.9 21.3 31.9
227 0.2 0.1 0.1#

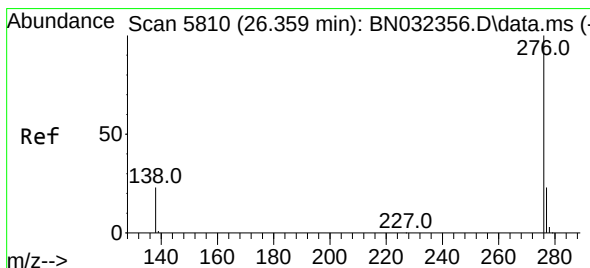
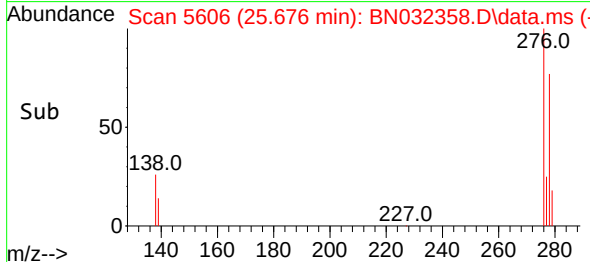
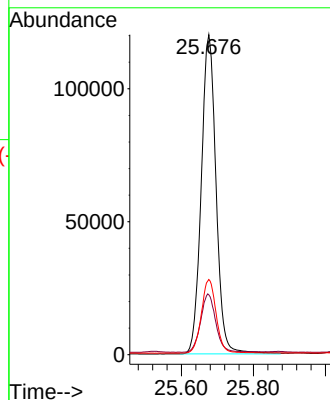
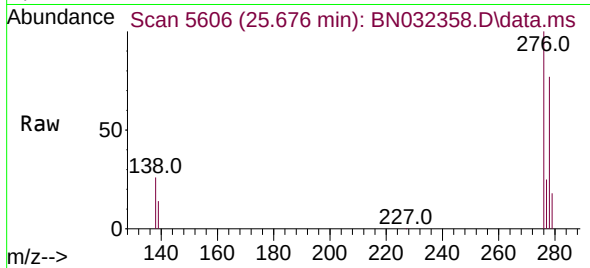




#28
Dibenzo(a,h)anthracene
Concen: 5.350 ng/ul
RT: 25.676 min Scan# 5088
Delta R.T. -0.034 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Instrument :
BNA_N
ClientSampleId :
A4DN5

Tgt Ion:278 Resp: 343495
Ion Ratio Lower Upper
278 100
139 18.7 15.9 23.9
279 23.5 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 5.501 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032358.D
Acq: 01 Jul 2024 12:12

Tgt Ion:276 Resp: 378692
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.6
277 23.6 19.8 29.6

