

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033126.D
 Acq On : 31 Jul 2024 11:36
 Operator : MA/JU
 Sample : P3265-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ8

Quant Time: Jul 31 12:12:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

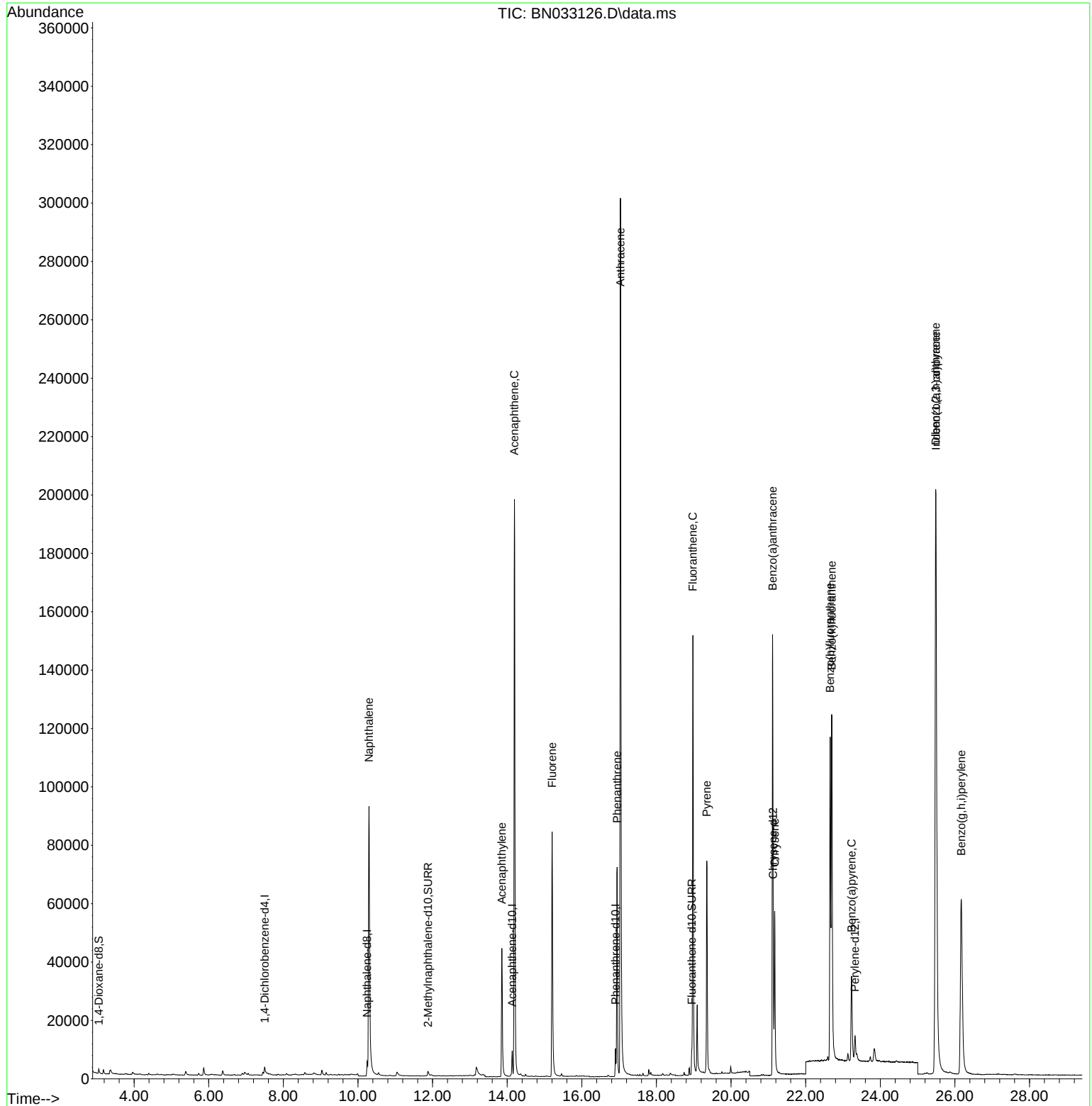
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	2328	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.245	136	8147	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.134	164	4795	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.903	188	11027	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	11673	0.400	ng/ul	-0.02
23) Perylene-d12	23.323	264	12893	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1097	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	3408	0.256	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	9932	0.301	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.295	128	170930	8.170	ng/ul#	92
10) Acenaphthylene	13.856	152	59575	3.036	ng/ul	97
11) Acenaphthene	14.194	153	130056	8.811	ng/ul	99
12) Fluorene	15.203	166	65630	3.815	ng/ul	99
15) Phenanthrene	16.945	178	79765	2.697	ng/ul	97
16) Anthracene	17.034	178	389167	14.635	ng/ul	96
19) Fluoranthene	18.977	202	145649	3.790	ng/ul	98
20) Pyrene	19.349	202	71928	1.745	ng/ul	100
21) Benzo(a)anthracene	21.113	228	150062	3.769	ng/ul	98
22) Chrysene	21.169	228	66715	1.436	ng/ul	98
24) Benzo(b)fluoranthene	22.656	252	134419	3.569	ng/ul	85
25) Benzo(k)fluoranthene	22.697	252	181769	4.027	ng/ul#	80
26) Benzo(a)pyrene	23.229	252	48621	1.372	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.490	276	252818	4.690	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.487	278	184458	4.318	ng/ul#	84
29) Benzo(g,h,i)perylene	26.171	276	150404	3.512	ng/ul#	90

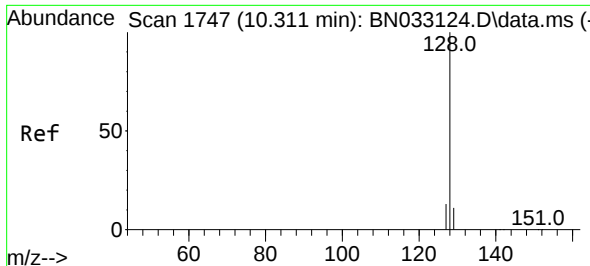
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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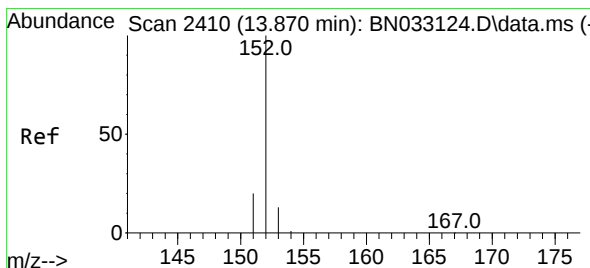
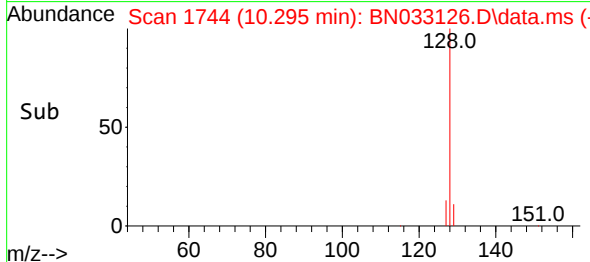
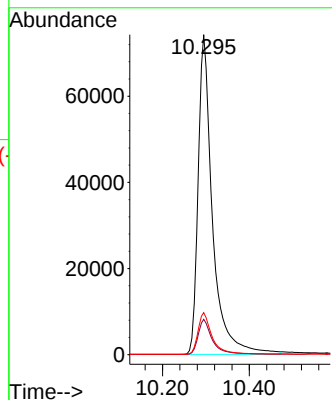
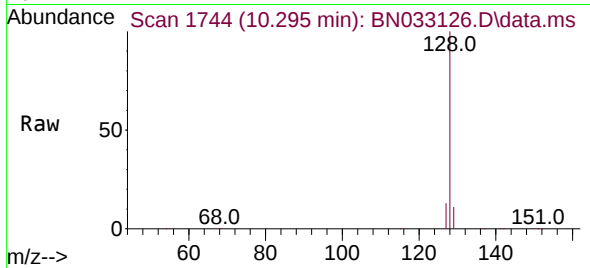




#5
Naphthalene
Concen: 8.170 ng/ul
RT: 10.295 min Scan# 11
Delta R.T. -0.082 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

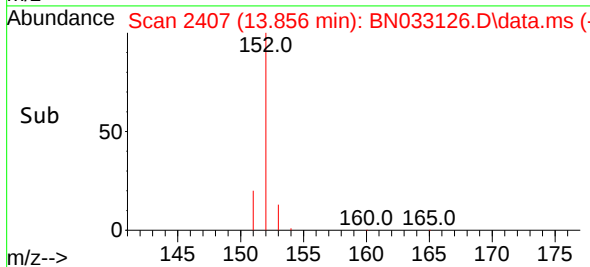
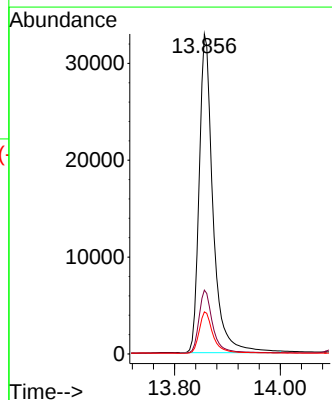
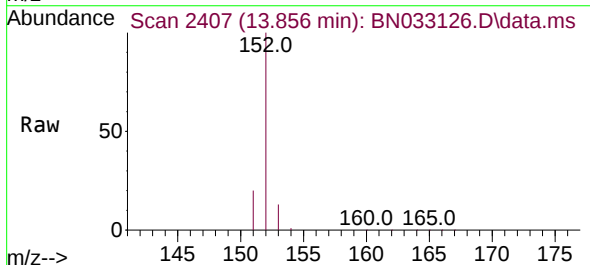
Instrument :
BNA_N
ClientSampleId :
A4DQ8

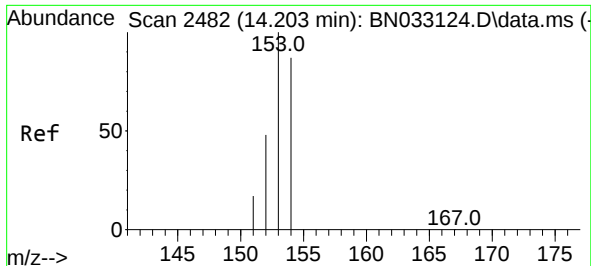
Tgt Ion:128 Resp: 170930
Ion Ratio Lower Upper
128 100
129 11.1 12.0 18.0#
127 13.2 12.7 19.1



#10
Acenaphthylene
Concen: 3.036 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:152 Resp: 59575
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.2 11.9 17.9

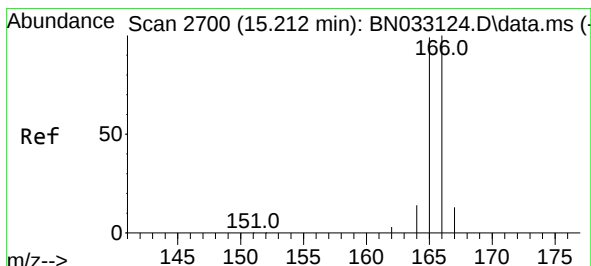
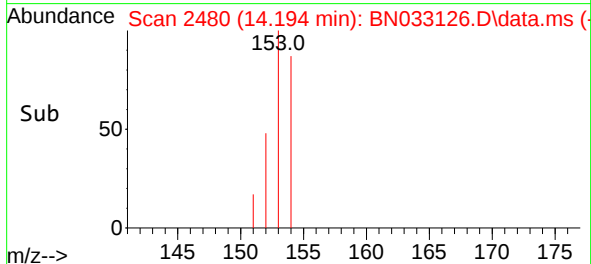
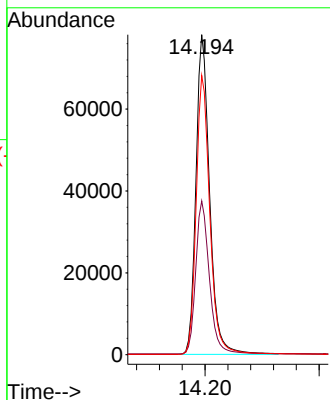
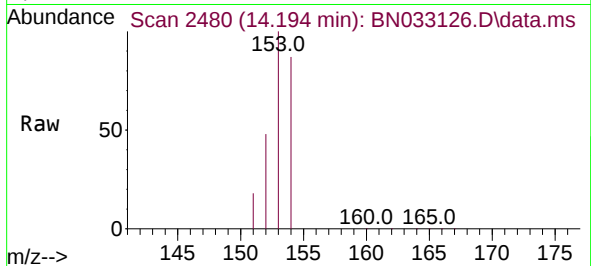




#11
Acenaphthene
Concen: 8.811 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.032 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

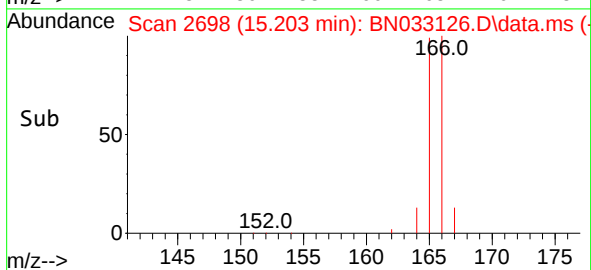
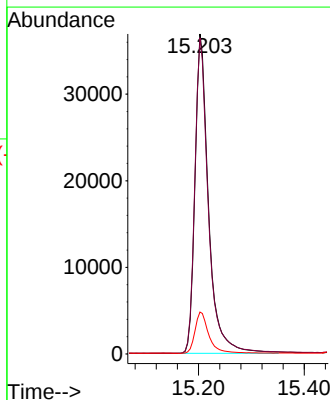
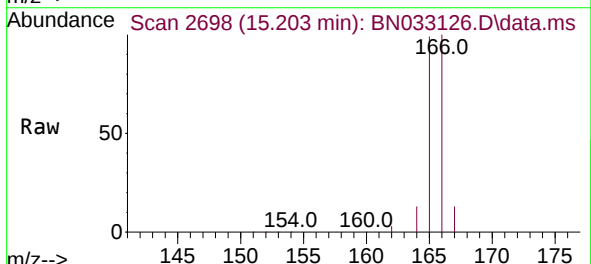
Instrument :
BNA_N
ClientSampleId :
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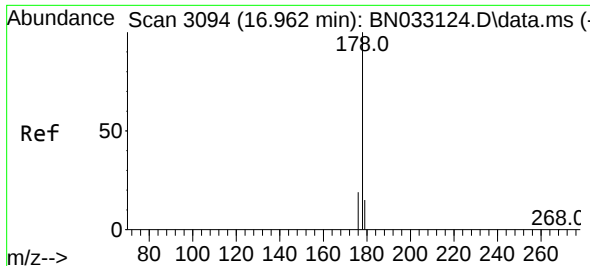
Tgt Ion:153 Resp: 130056
Ion Ratio Lower Upper
153 100
152 48.0 40.0 60.0
154 87.3 70.1 105.1



#12
Fluorene
Concen: 3.815 ng/ul
RT: 15.203 min Scan# 2698
Delta R.T. -0.046 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:166 Resp: 65630
Ion Ratio Lower Upper
166 100
165 98.8 79.6 119.4
167 13.1 12.2 18.4

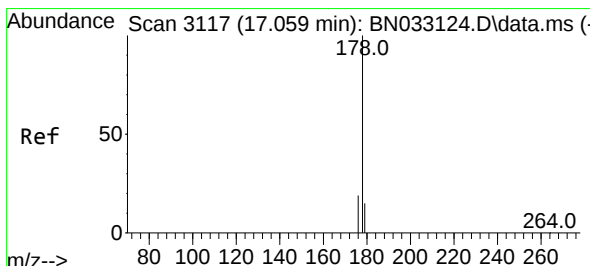
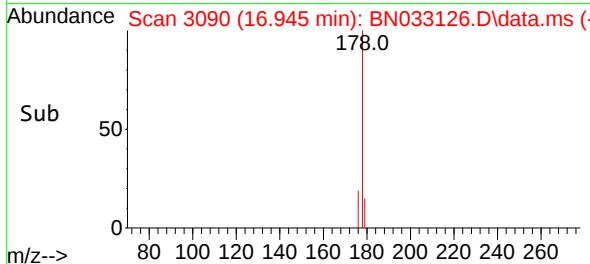
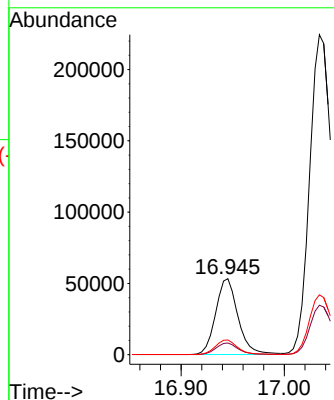
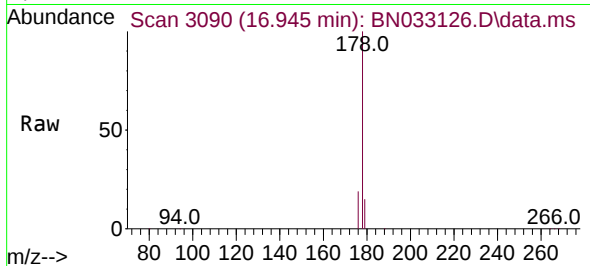




#15
Phenanthrene
Concen: 2.697 ng/ul
RT: 16.945 min Scan# 3094
Delta R.T. -0.038 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

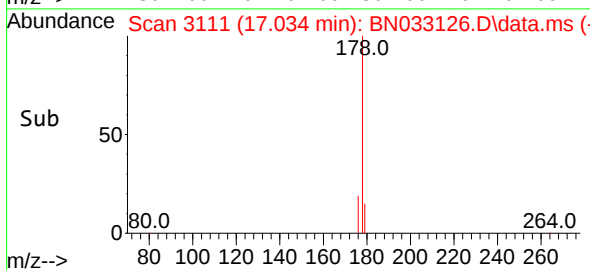
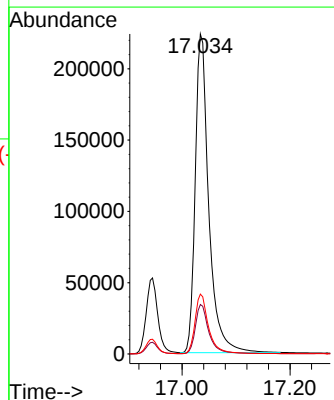
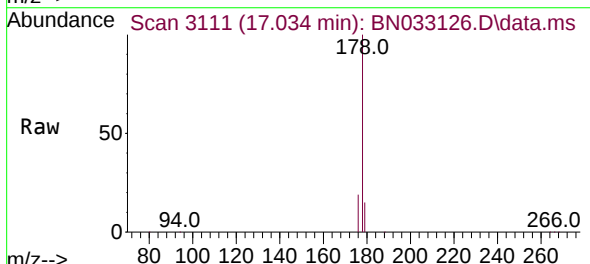
Instrument :
BNA_N
ClientSampleId :
A4DQ8

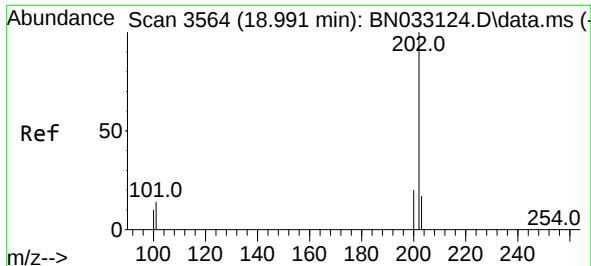
Tgt Ion:178 Resp: 79765
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.3 15.9 23.9



#16
Anthracene
Concen: 14.635 ng/ul
RT: 17.034 min Scan# 3111
Delta R.T. -0.055 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:178 Resp: 389167
Ion Ratio Lower Upper
178 100
179 15.4 14.3 21.5
176 18.7 15.8 23.8

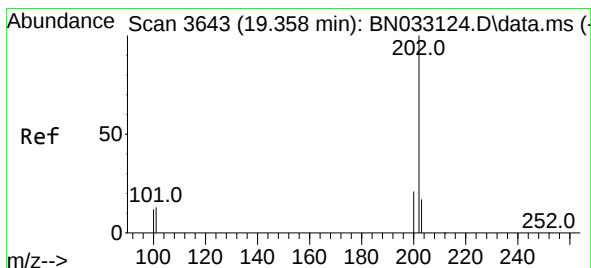
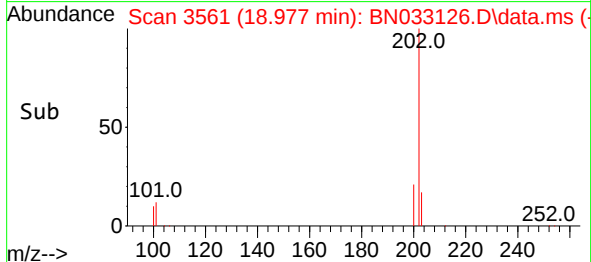
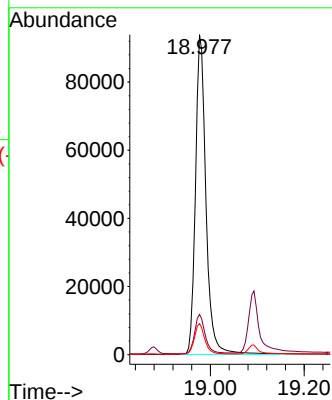
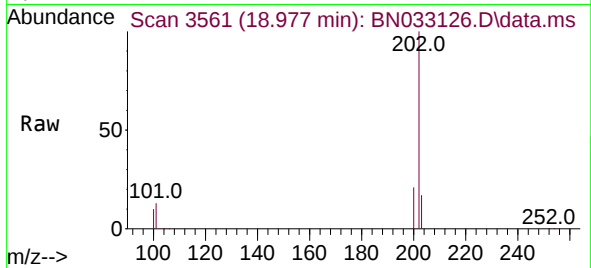




#19
Fluoranthene
Concen: 3.790 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

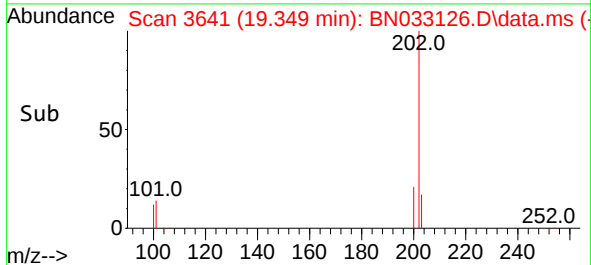
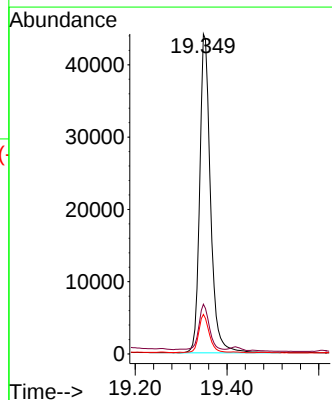
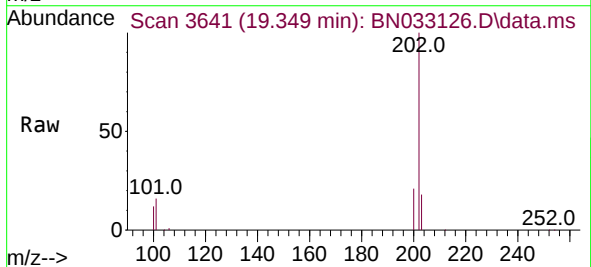
Instrument :
BNA_N
ClientSampleId :
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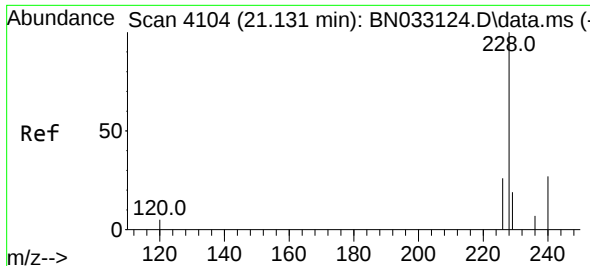
Tgt Ion:202 Resp: 145649
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.7 8.3 12.5



#20
Pyrene
Concen: 1.745 ng/ul
RT: 19.349 min Scan# 3641
Delta R.T. -0.023 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:202 Resp: 71928
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.4 9.9 14.9

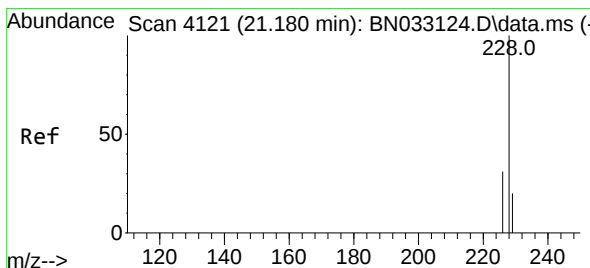
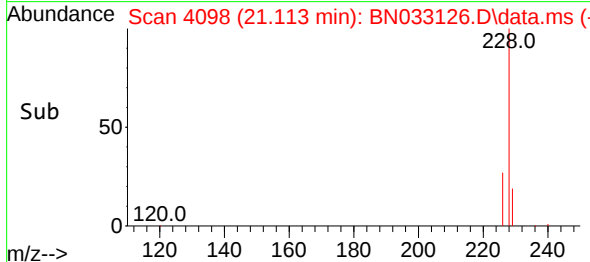
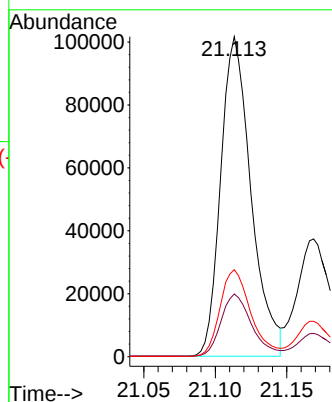
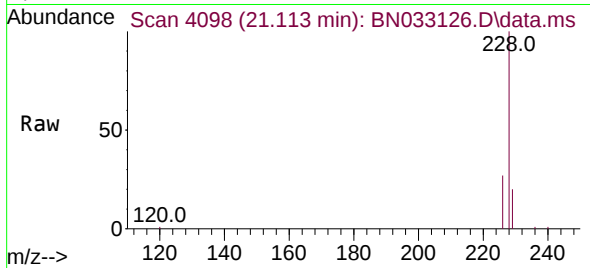




#21
Benzo(a)anthracene
Concen: 3.769 ng/ul
RT: 21.113 min Scan# 4104
Delta R.T. -0.023 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

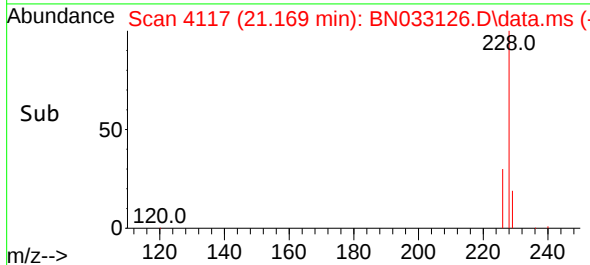
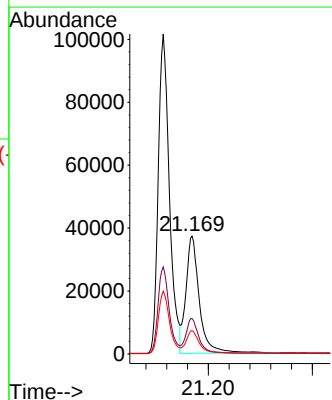
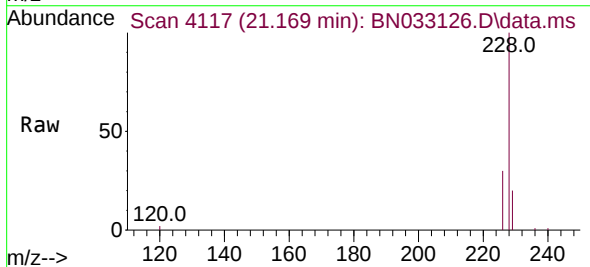
Instrument :
BNA_N
ClientSampleId :
A4DQ8

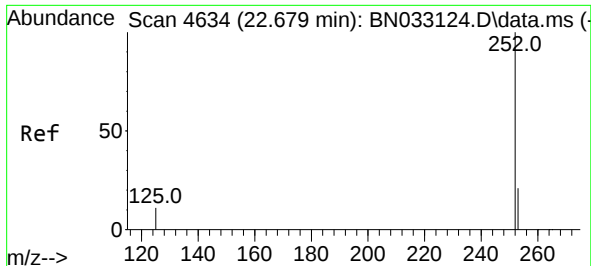
Tgt Ion:228 Resp: 150062
Ion Ratio Lower Upper
228 100
229 19.6 17.1 25.7
226 27.2 22.4 33.6



#22
Chrysene
Concen: 1.436 ng/ul
RT: 21.169 min Scan# 4117
Delta R.T. -0.020 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

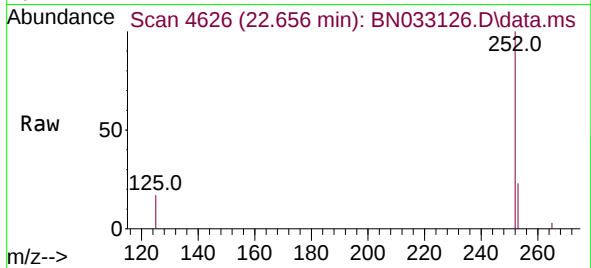
Tgt Ion:228 Resp: 66715
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.9 17.0 25.6



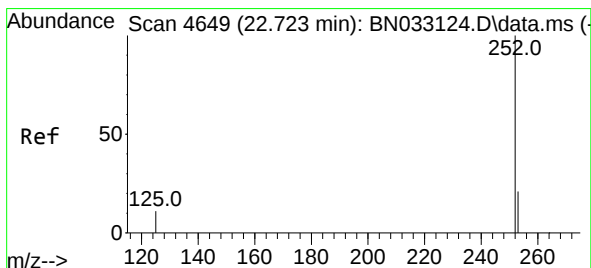
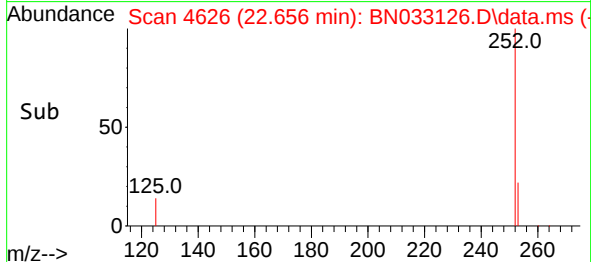
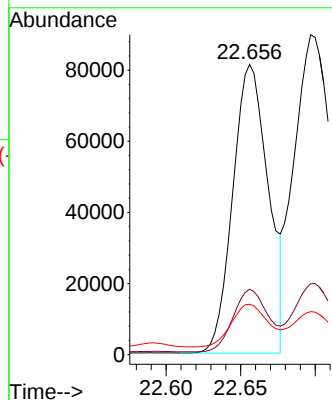


#24
Benzo(b)fluoranthene
Concen: 3.569 ng/ul
RT: 22.656 min Scan# 4626
Delta R.T. -0.026 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Instrument :
BNA_N
ClientSampleId :
A4DQ8

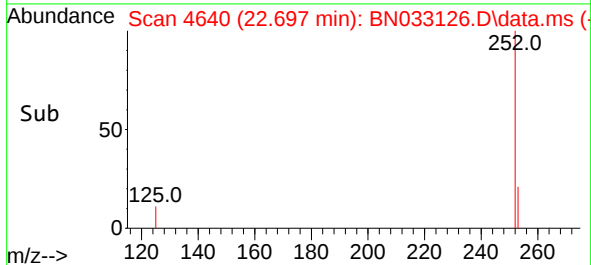
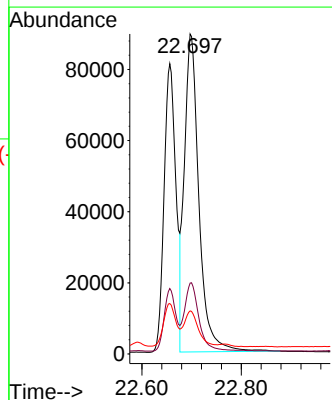
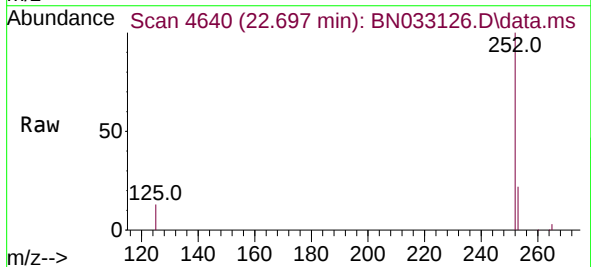


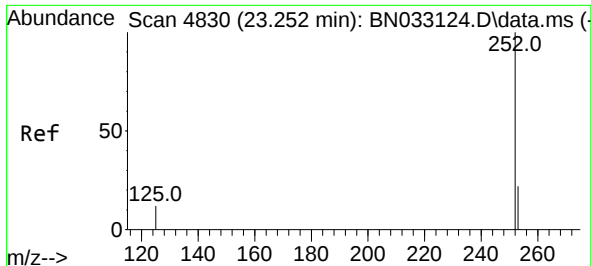
Tgt Ion:252 Resp: 134419
Ion Ratio Lower Upper
252 100
253 22.5 0.0 60.6
125 17.4 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 4.027 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.029 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:252 Resp: 181769
Ion Ratio Lower Upper
252 100
253 22.1 24.9 37.3#
125 13.5 20.9 31.3#

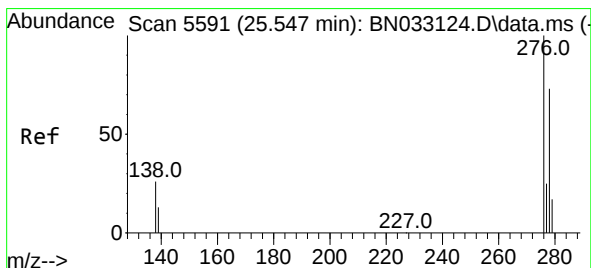
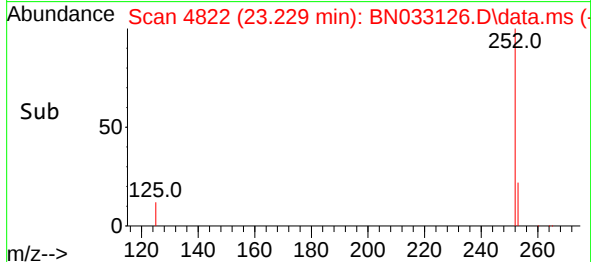
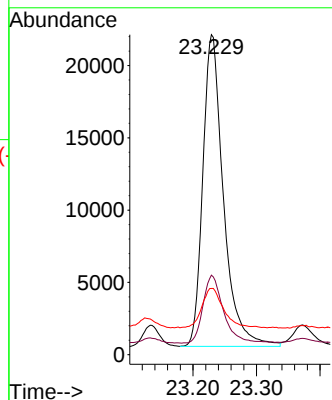
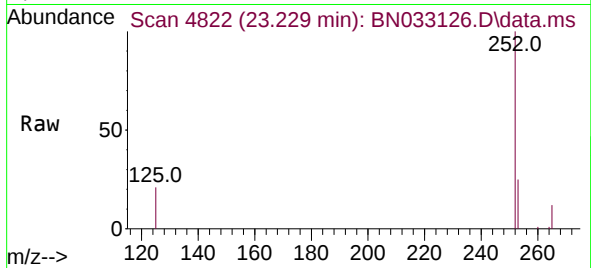




#26
Benzo(a)pyrene
Concen: 1.372 ng/ul
RT: 23.229 min Scan# 4822
Delta R.T. -0.020 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

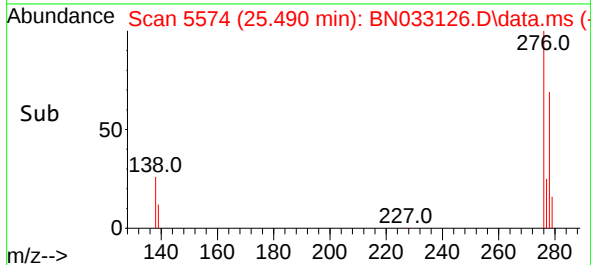
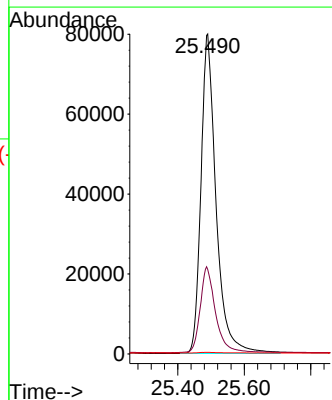
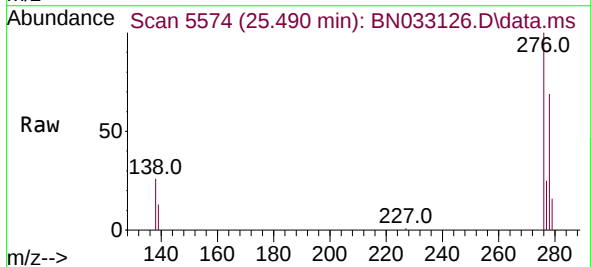
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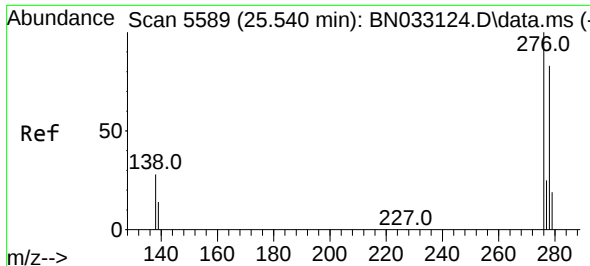
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Ion Ratio Lower Upper
252 100
253 24.9 27.5 41.3#
125 20.7 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.690 ng/ul
RT: 25.490 min Scan# 5574
Delta R.T. -0.050 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:276 Resp: 252818
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
227 0.3 0.2 0.2#

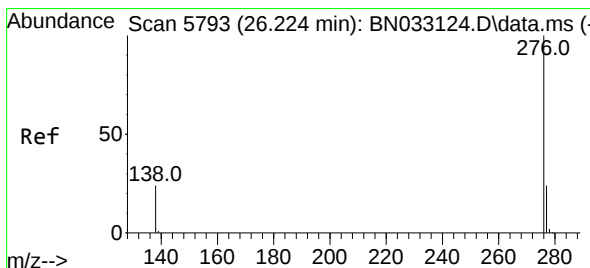
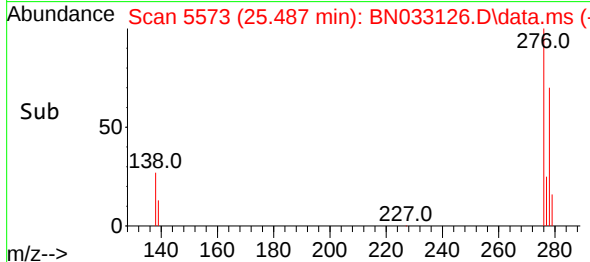
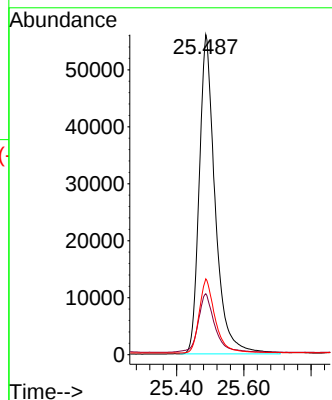
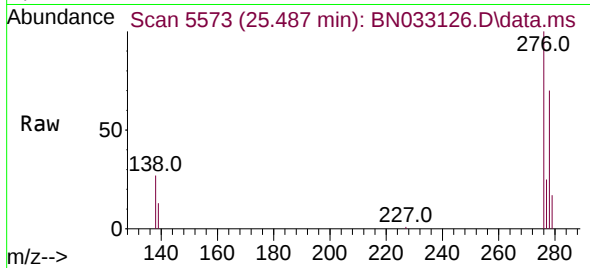




#28
Dibenzo(a,h)anthracene
Concen: 4.318 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. -0.053 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Instrument :
BNA_N
ClientSampleId :
A4DQ8

Tgt Ion:278 Resp: 184458
Ion Ratio Lower Upper
278 100
139 19.1 22.5 33.7#
279 23.7 25.5 38.3#



#29
Benzo(g,h,i)perylene
Concen: 3.512 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.047 min
Lab File: BN033126.D
Acq: 31 Jul 2024 11:36

Tgt Ion:276 Resp: 150404
Ion Ratio Lower Upper
276 100
138 24.1 24.6 37.0#
277 23.8 22.6 34.0

