

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032958.D
 Acq On : 24 Jul 2024 21:25
 Operator : MA/JU
 Sample : P3215-20DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5DL

Quant Time: Jul 25 00:49:21 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

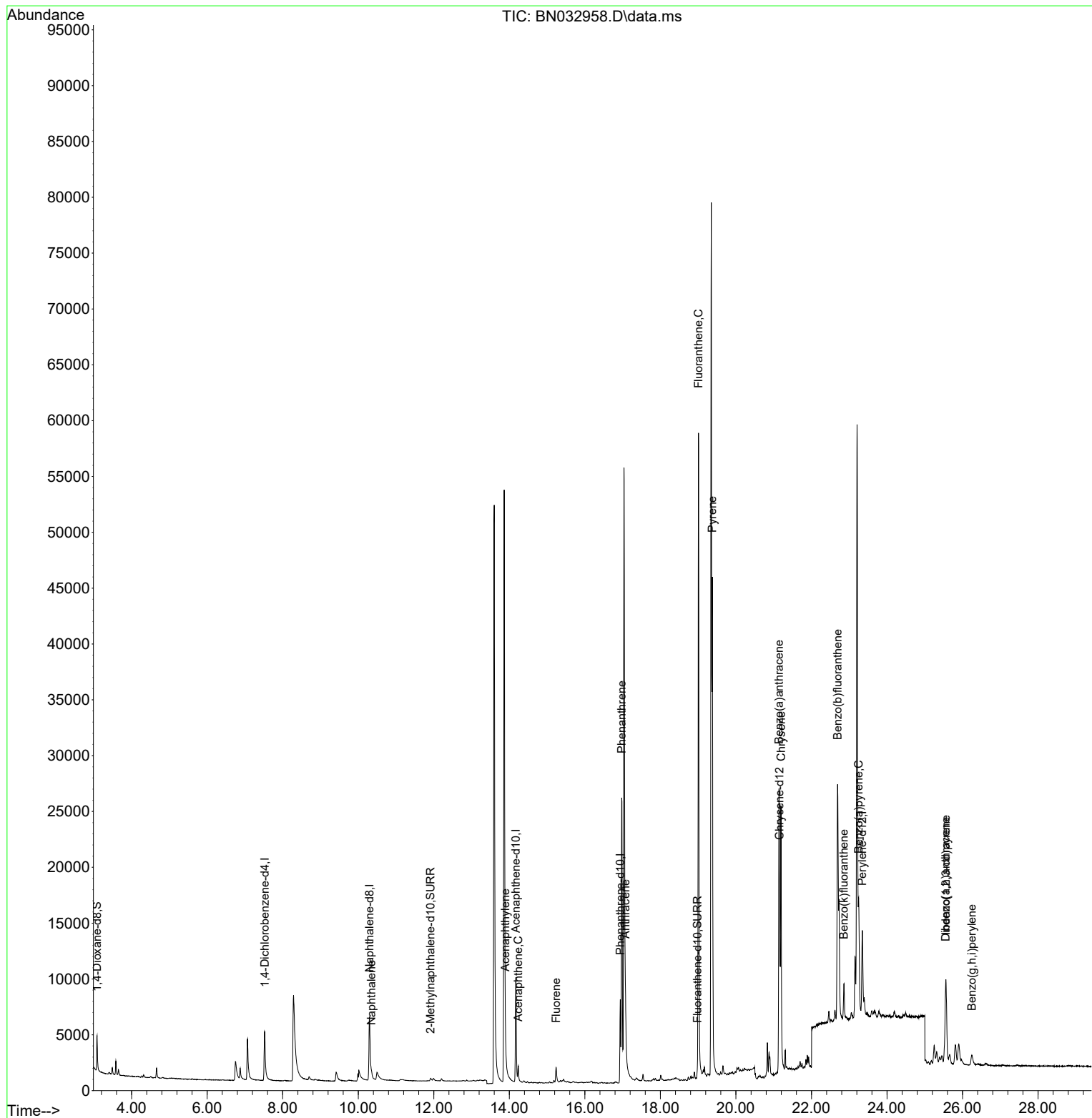
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	3483	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136	11745	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	6134	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	9987	0.400	ng/ul	-0.02
17) Chrysene-d12	21.155	240	8887	0.400	ng/ul	-0.01
23) Perylene-d12	23.347	264	11357	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2407	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	612	0.034	ng/ul	-0.01
18) Fluoranthene-d10	18.979	212	1093	0.038	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	994	0.032	ng/ul#	65
10) Acenaphthylene	13.896	152	1735	0.070	ng/ul#	84
11) Acenaphthene	14.238	153	917	0.045	ng/ul	98
12) Fluorene	15.242	166	1326	0.057	ng/ul#	96
15) Phenanthrene	16.977	178	31186	1.147	ng/ul	99
16) Anthracene	17.074	178	5910	0.266	ng/ul#	92
19) Fluoranthene	19.007	202	55692	1.541	ng/ul	100
20) Pyrene	19.374	202	37968	1.015	ng/ul	100
21) Benzo(a)anthracene	21.140	228	25460	0.900	ng/ul	97
22) Chrysene	21.193	228	23558	0.576	ng/ul	96
24) Benzo(b)fluoranthene	22.692	252	46562	1.162	ng/ul	98
25) Benzo(k)fluoranthene	22.858	252	3831	0.078	ng/ul#	41
26) Benzo(a)pyrene	23.250	252	12966	0.374	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.558	276	12579	0.268	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278	4209	0.116	ng/ul#	46
29) Benzo(g,h,i)perylene	26.245	276	1868	0.048	ng/ul#	23

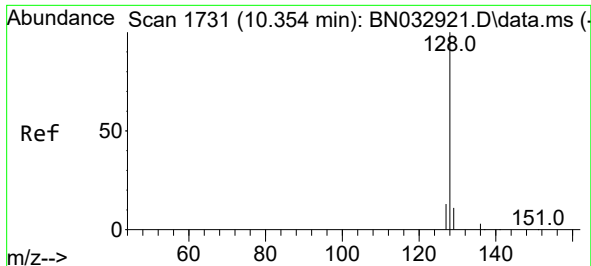
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 00:49:21 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

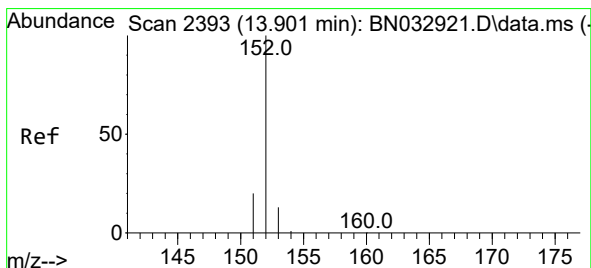
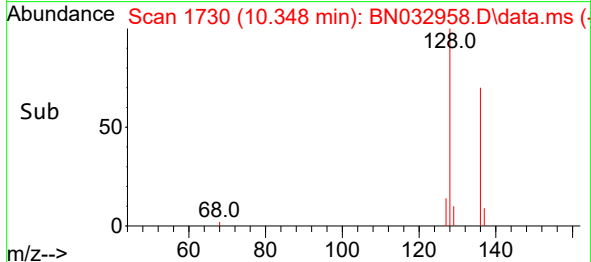
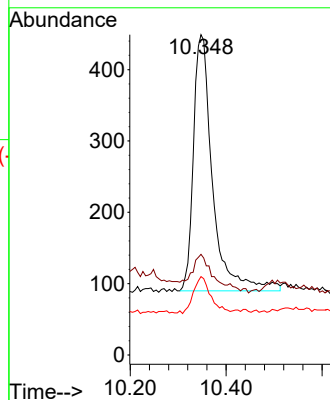
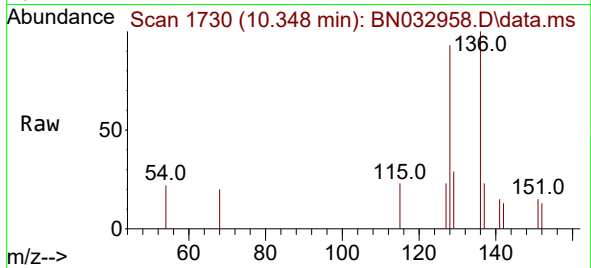




#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.016 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

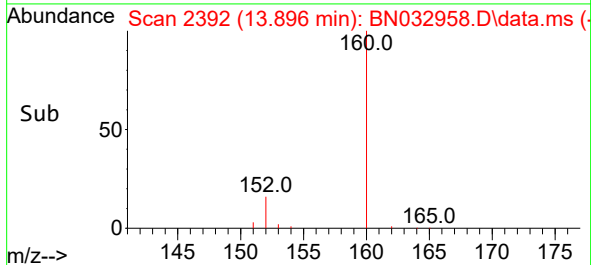
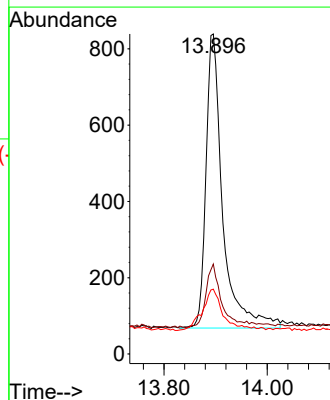
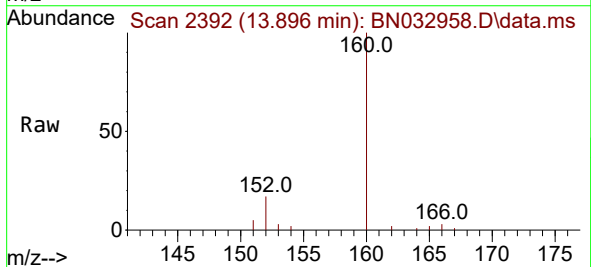
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

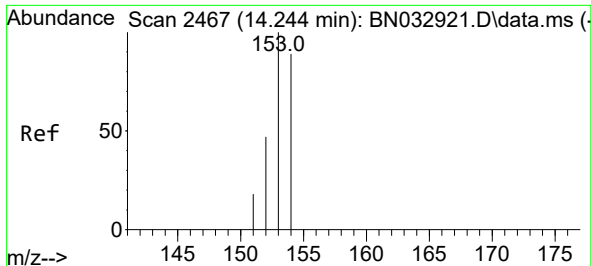
Tgt Ion:128 Resp: 994
Ion Ratio Lower Upper
128 100
129 31.4 10.0 15.0#
127 24.5 11.6 17.4#



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:152 Resp: 1735
Ion Ratio Lower Upper
152 100
151 28.1 16.3 24.5#
153 20.3 11.3 16.9#

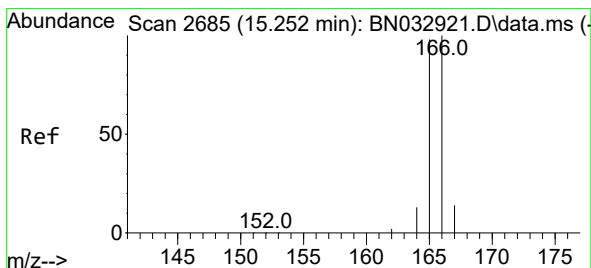
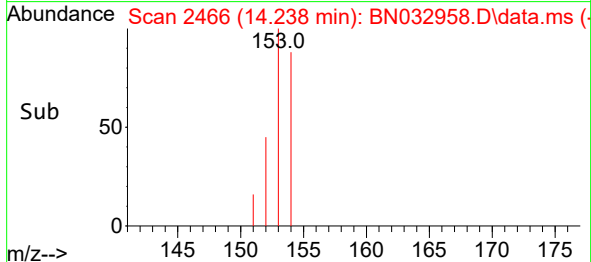
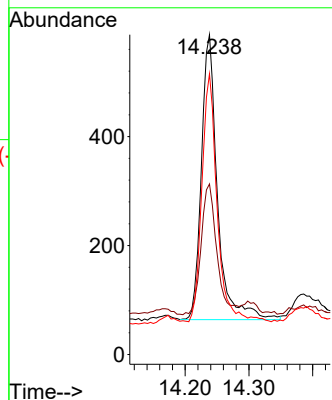
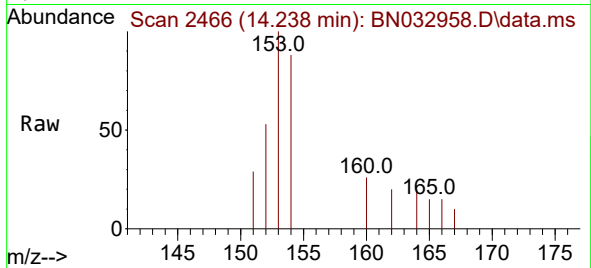




#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

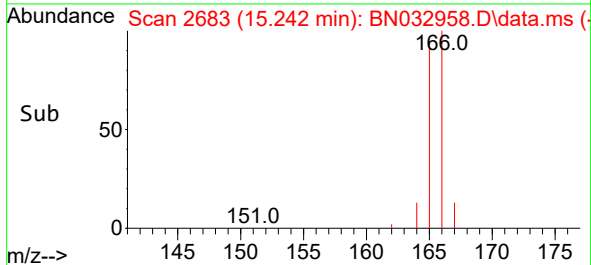
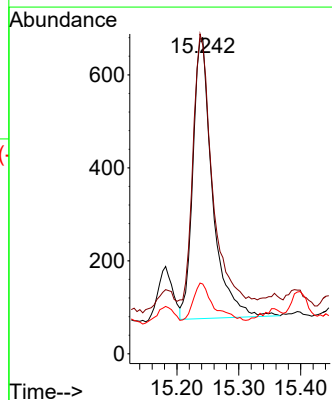
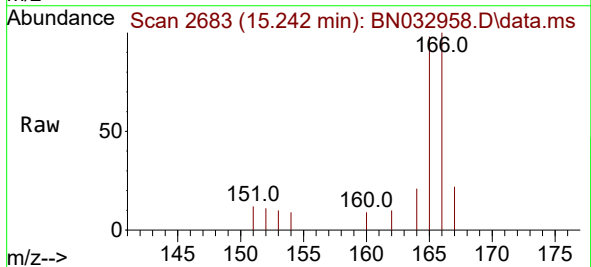
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

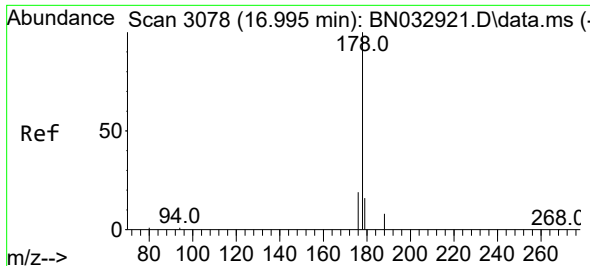
Tgt Ion:153 Resp: 917
Ion Ratio Lower Upper
153 100
152 53.3 40.0 60.0
154 87.7 70.2 105.4



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:166 Resp: 1326
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 22.1 11.4 17.2#

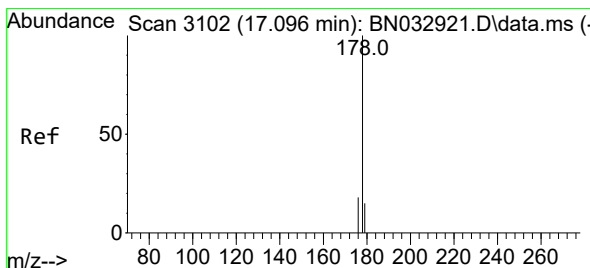
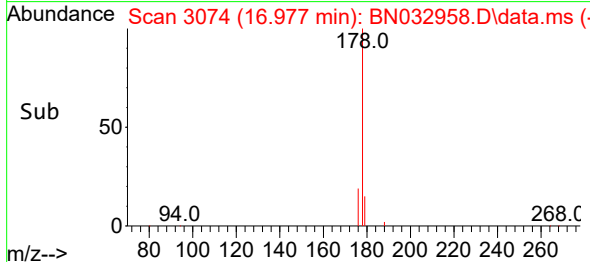
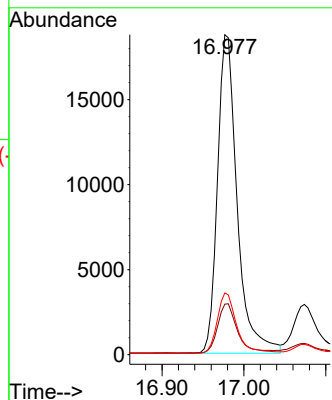
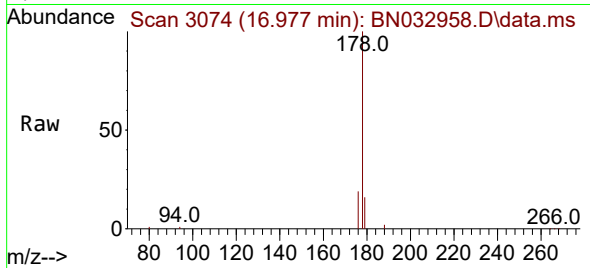




#15
Phenanthrene
Concen: 1.147 ng/ul
RT: 16.977 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

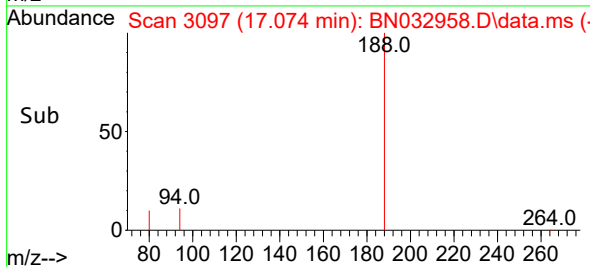
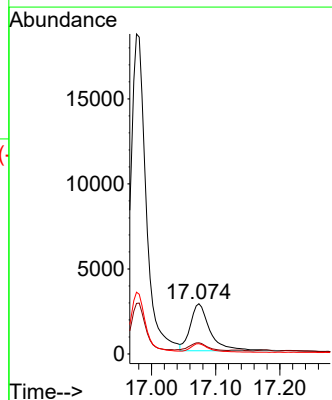
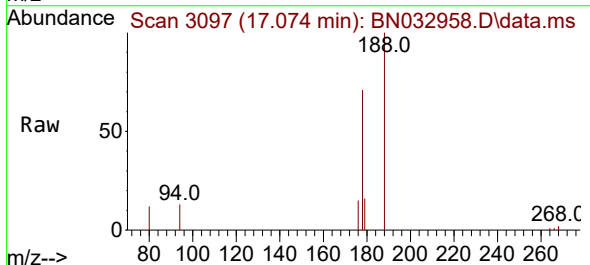
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

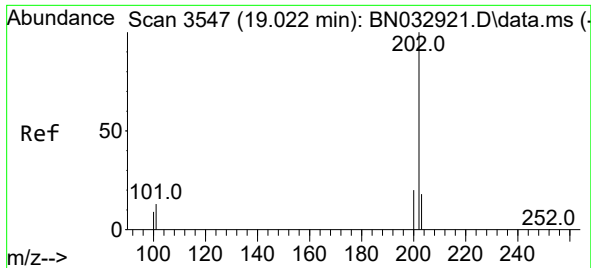
Tgt Ion:178 Resp: 31186
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.266 ng/ul
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:178 Resp: 5910
Ion Ratio Lower Upper
178 100
179 22.4 13.4 20.2#
176 20.6 15.4 23.0

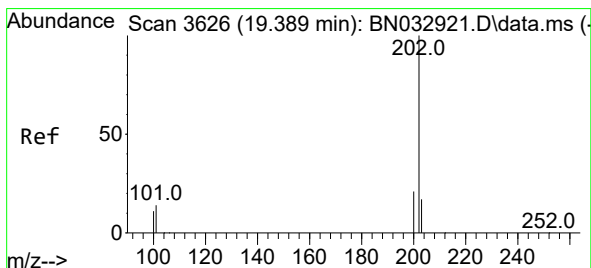
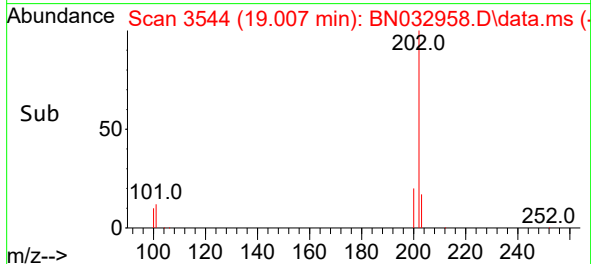
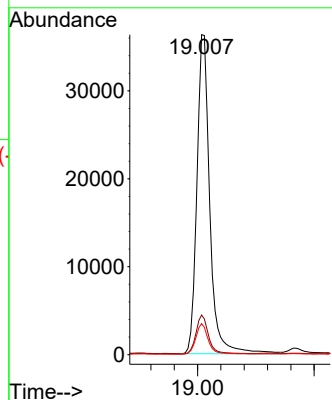
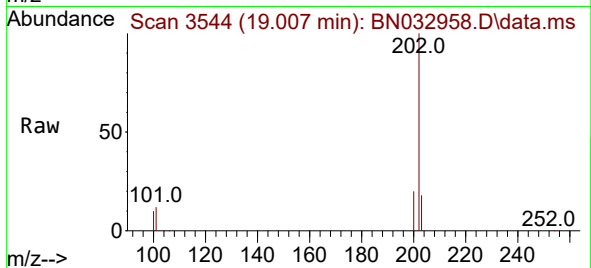




#19
Fluoranthene
Concen: 1.541 ng/ul
RT: 19.007 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

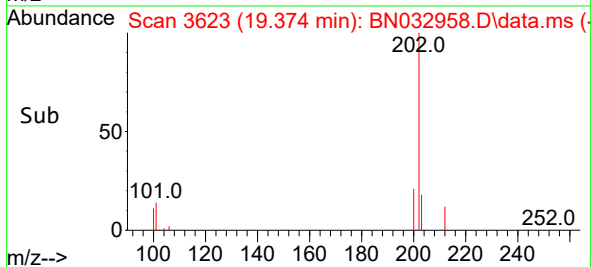
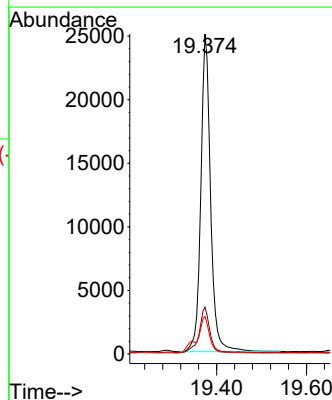
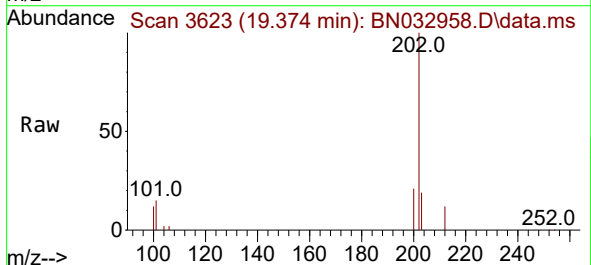
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

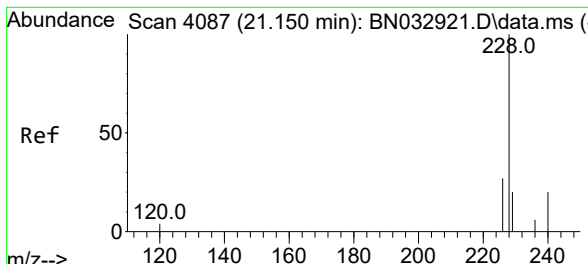
Tgt Ion:202 Resp: 55692
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.7 7.9 11.9



#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.374 min Scan# 3623
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:202 Resp: 37968
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.7 9.6 14.4



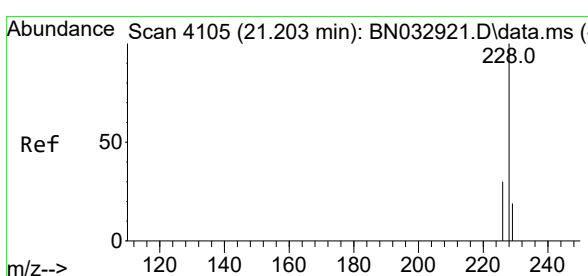
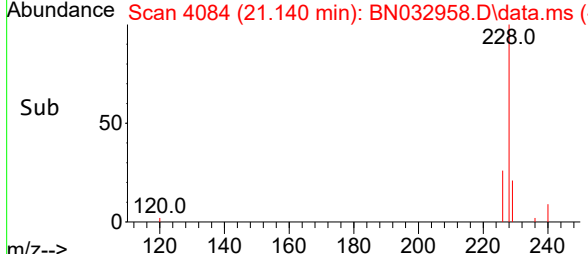
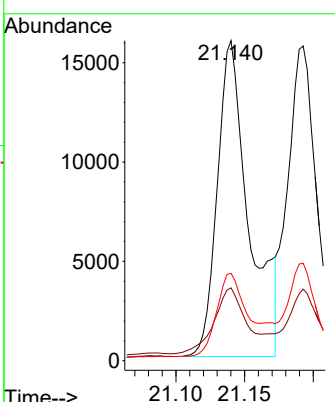
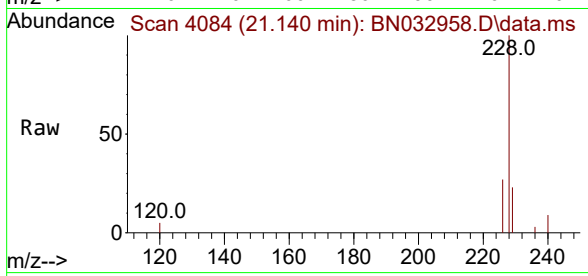


#21
 Benzo(a)anthracene
 Concen: 0.900 ng/ul
 RT: 21.140 min Scan# 4084
 Delta R.T. -0.010 min
 Lab File: BN032958.D
 Acq: 24 Jul 2024 21:25

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5DL

Tgt Ion:228 Resp: 25460

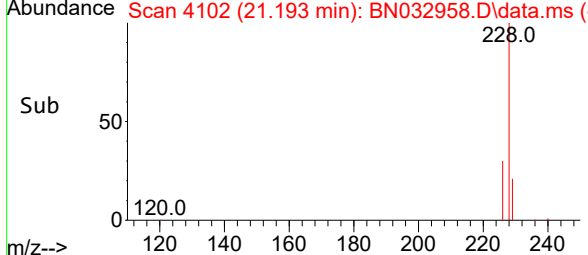
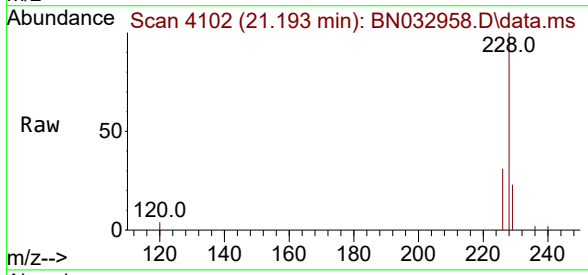
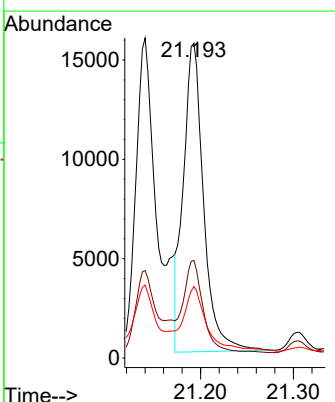
Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.1	24.1
226	27.3	21.9	32.9

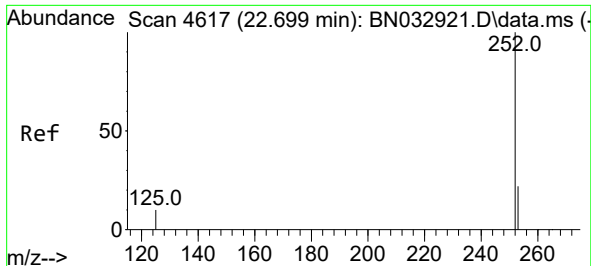


#22
 Chrysene
 Concen: 0.576 ng/ul
 RT: 21.193 min Scan# 4102
 Delta R.T. -0.010 min
 Lab File: BN032958.D
 Acq: 24 Jul 2024 21:25

Tgt Ion:228 Resp: 23558

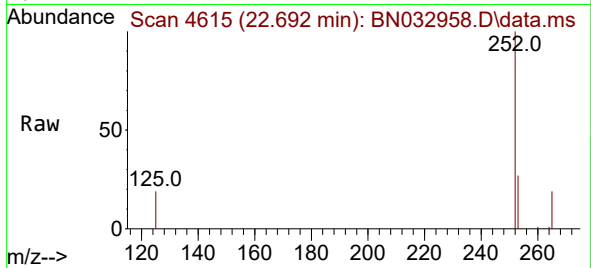
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.7	15.8	23.6



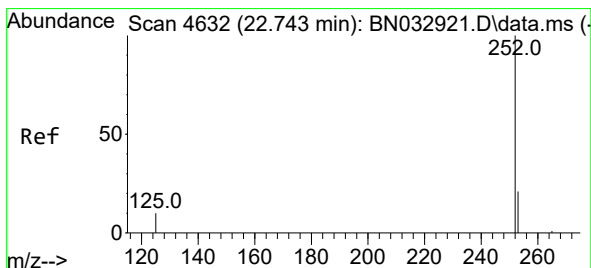
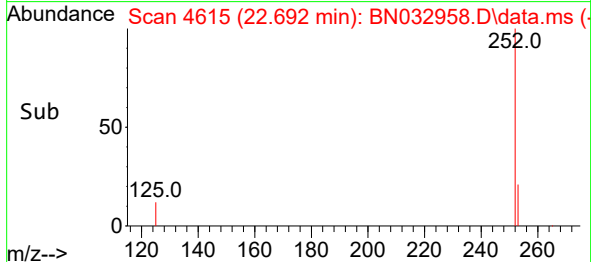
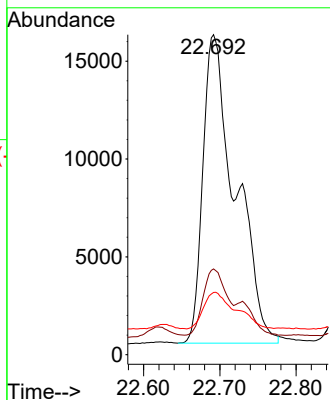


#24
Benzo(b)fluoranthene
Concen: 1.162 ng/ul
RT: 22.692 min Scan# 4615
Delta R.T. -0.007 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

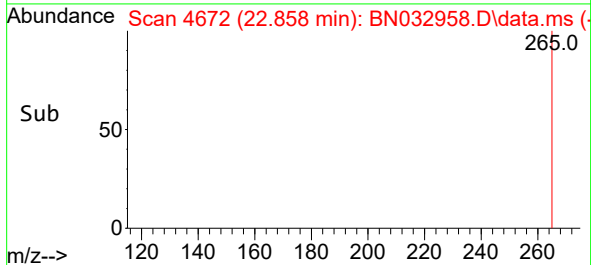
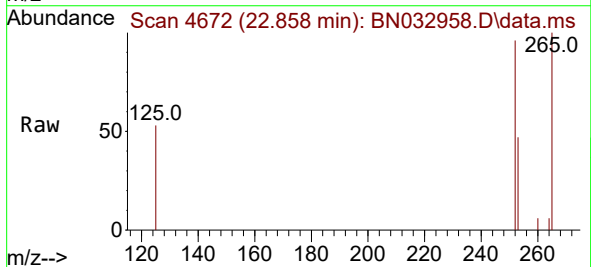
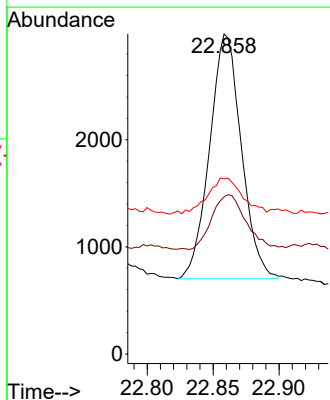


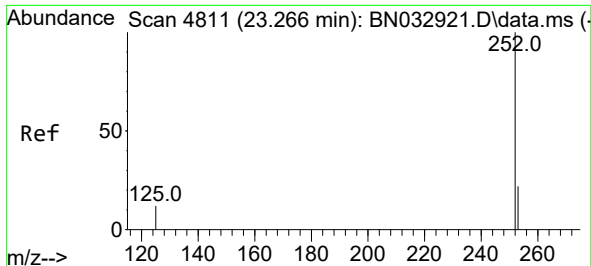
Tgt Ion:252 Resp: 46562
Ion Ratio Lower Upper
252 100
253 26.8 0.0 54.0
125 19.5 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul
RT: 22.858 min Scan# 4672
Delta R.T. 0.118 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:252 Resp: 3831
Ion Ratio Lower Upper
252 100
253 49.1 21.2 31.8#
125 54.7 14.8 22.2#

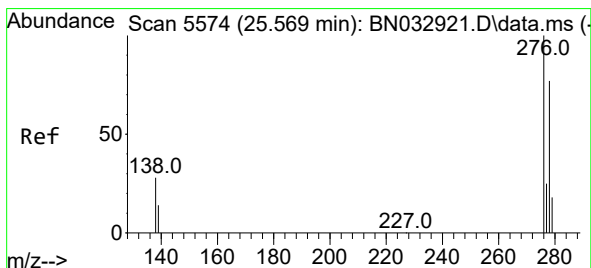
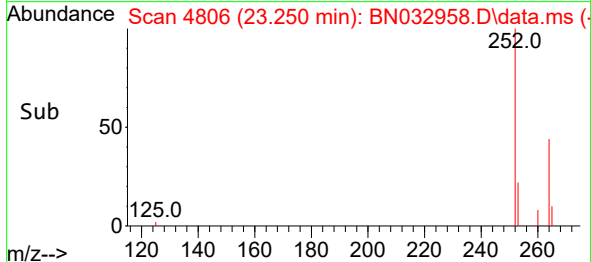
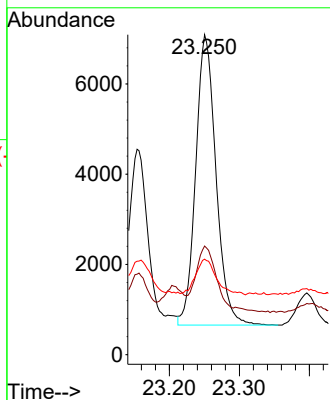
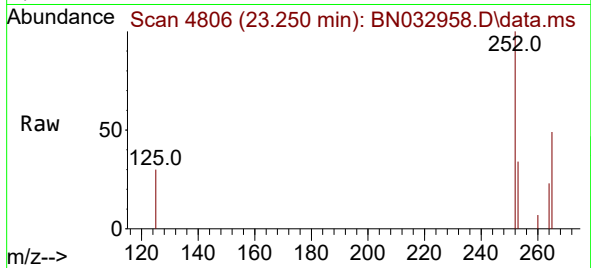




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.250 min Scan# 4811
Delta R.T. -0.013 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

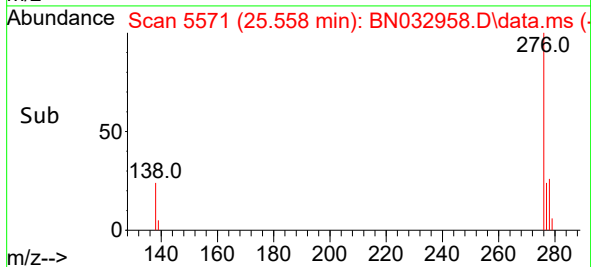
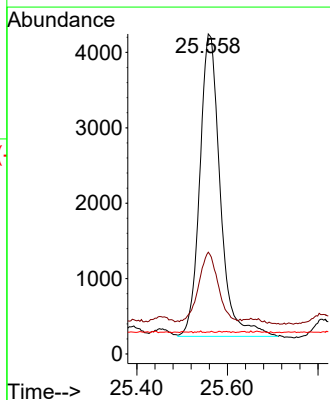
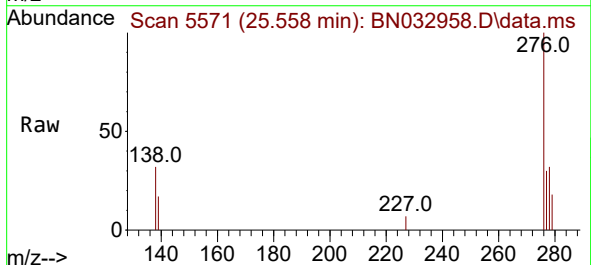
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

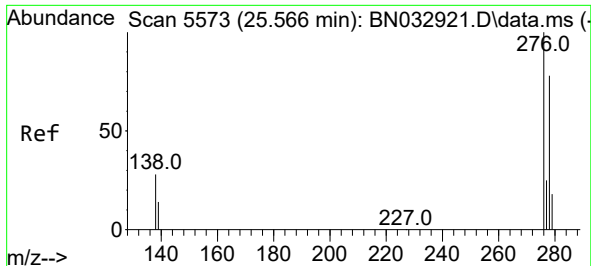
Tgt Ion:252 Resp: 12966
Ion Ratio Lower Upper
252 100
253 33.9 25.4 38.0
125 29.9 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.558 min Scan# 5571
Delta R.T. -0.012 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:276 Resp: 12579
Ion Ratio Lower Upper
276 100
138 21.3 21.6 32.4#
227 0.1 0.0 0.0#

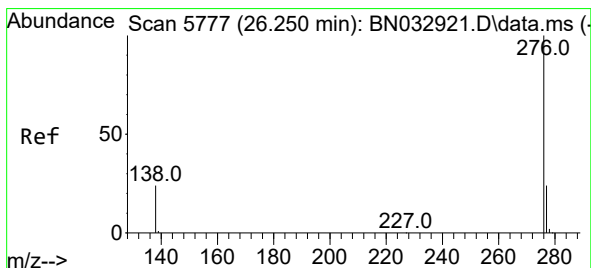
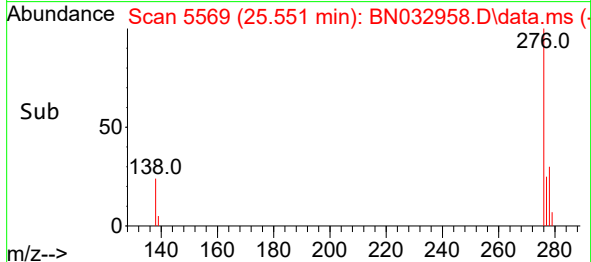
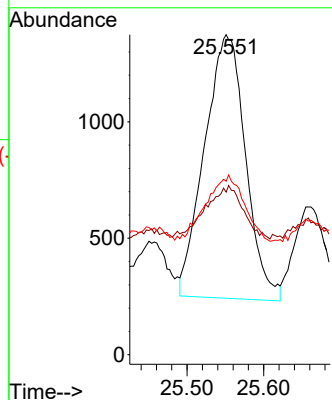
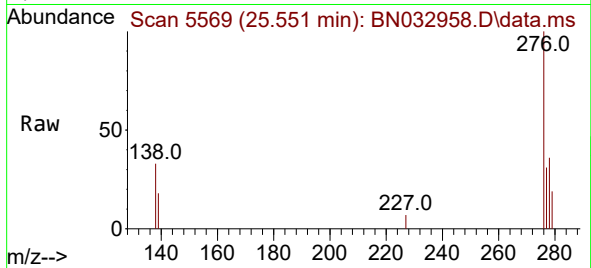




#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.551 min Scan# 5569
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

Tgt Ion:278 Resp: 4209
Ion Ratio Lower Upper
278 100
139 50.8 16.6 24.8#
279 54.2 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.245 min Scan# 5776
Delta R.T. -0.005 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Tgt Ion:276 Resp: 1868
Ion Ratio Lower Upper
276 100
138 72.8 21.0 31.4#
277 57.9 20.6 31.0#

