

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN032994.D
 Acq On : 26 Jul 2024 13:23
 Operator : MA/JU
 Sample : P3287-03DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XB502DL

Quant Time: Jul 26 13:48:25 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 : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

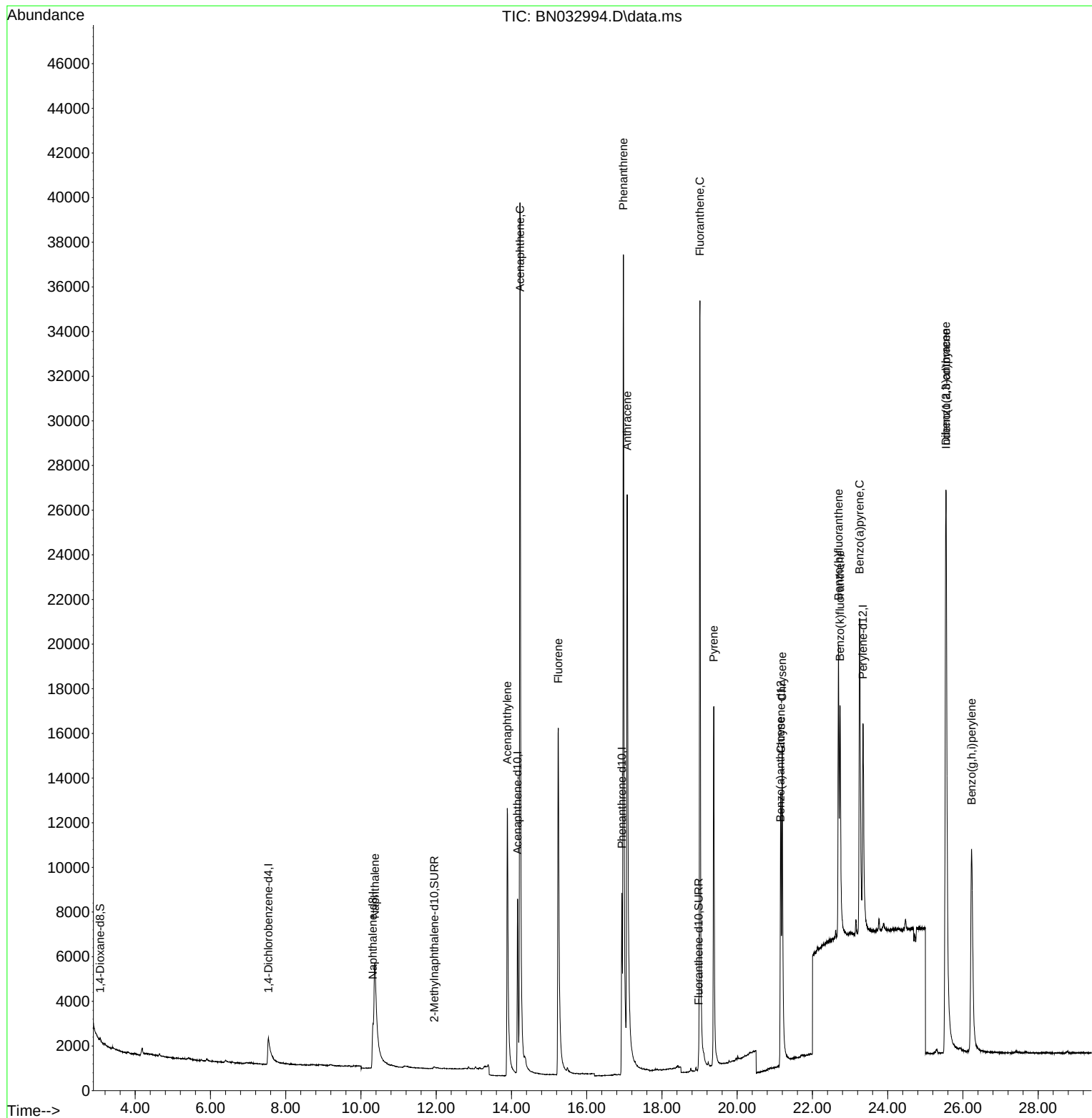
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	1995	0.400	ng/ul	0.01
4) Naphthalene-d8	10.317	136	7941	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.162	164	5814	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	12664	0.400	ng/ul	-0.01
17) Chrysene-d12	21.160	240	11924	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	15326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	191	0.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.945	152	292	0.023	ng/ul	0.03
18) Fluoranthene-d10	18.977	212	1190	0.035	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.372	128	16399	0.804	ng/ul	97
10) Acenaphthylene	13.889	152	22223	0.934	ng/ul	98
11) Acenaphthene	14.226	153	31726	1.773	ng/ul	99
12) Fluorene	15.244	166	17819	0.854	ng/ul	98
15) Phenanthrene	16.975	178	52620	1.549	ng/ul	98
16) Anthracene	17.076	178	45405	1.487	ng/ul	97
19) Fluoranthene	19.009	202	41080	1.046	ng/ul	97
20) Pyrene	19.376	202	18446	0.438	ng/ul	99
21) Benzo(a)anthracene	21.148	228	4808	0.118	ng/ul	95
22) Chrysene	21.195	228	18112	0.382	ng/ul	99
24) Benzo(b)fluoranthene	22.691	252	17424	0.389	ng/ul	99
25) Benzo(k)fluoranthene	22.732	252	17654	0.329	ng/ul	99
26) Benzo(a)pyrene	23.255	252	27371	0.650	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.550	276	33169	0.518	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.547	278	30937	0.609	ng/ul#	91
29) Benzo(g,h,i)perylene	26.228	276	24068	0.473	ng/ul	96

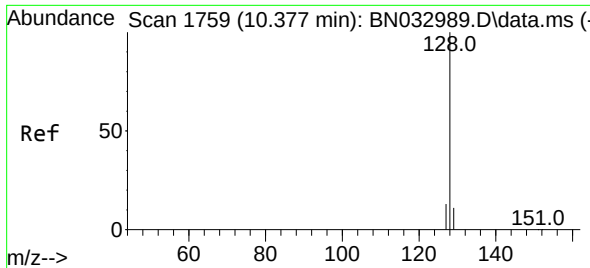
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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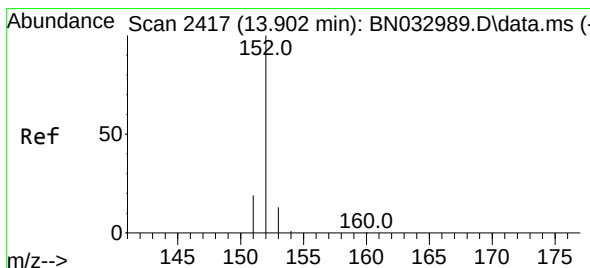
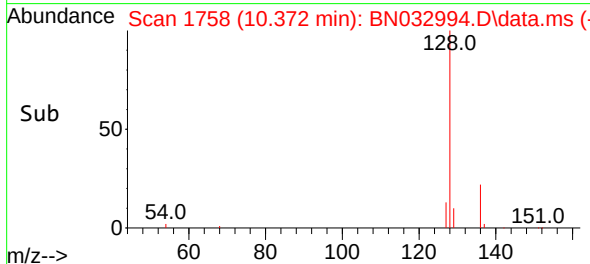
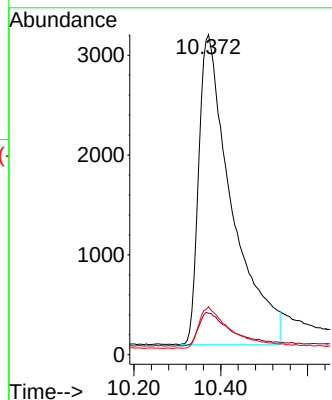
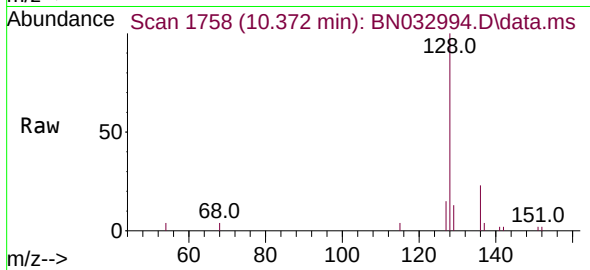




#5
Naphthalene
Concen: 0.804 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. 0.022 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

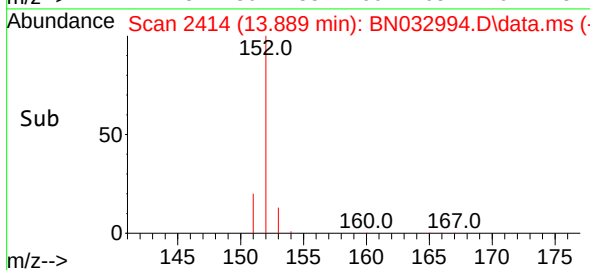
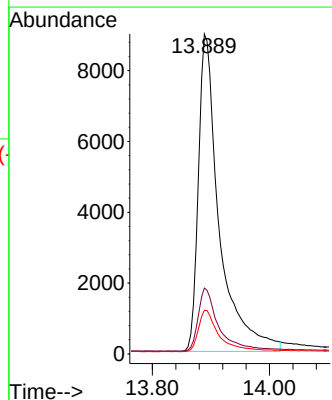
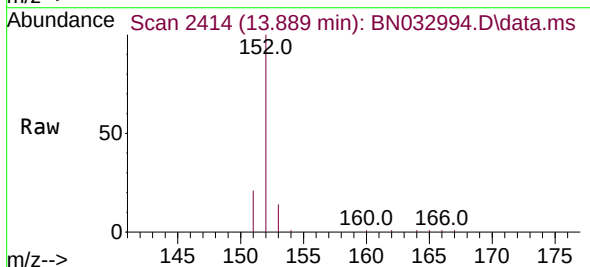
Instrument :
BNA_N
ClientSampleId :
XB502DL

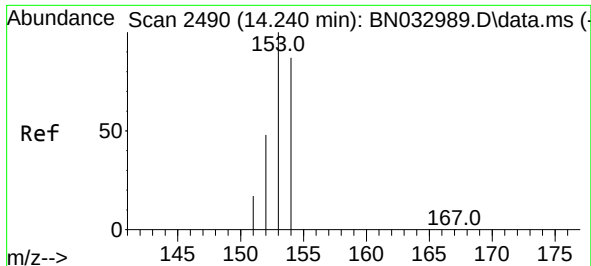
Tgt Ion:128 Resp: 16399
Ion Ratio Lower Upper
128 100
129 13.0 12.0 18.0
127 15.0 12.7 19.1



#10
Acenaphthylene
Concen: 0.934 ng/ul
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:152 Resp: 22223
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.7 11.9 17.9

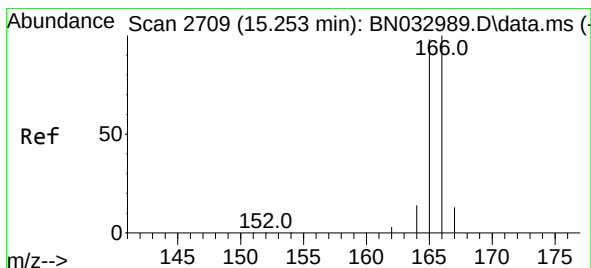
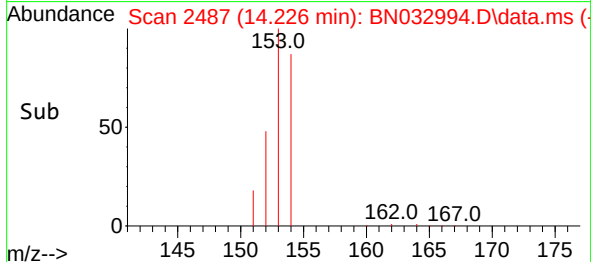
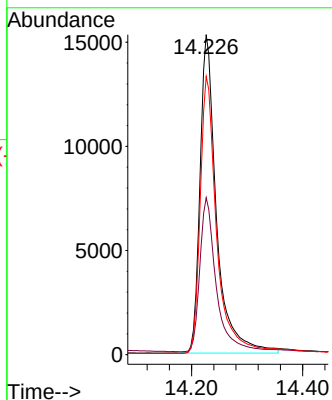
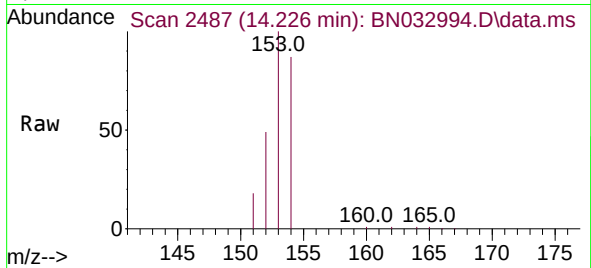




#11
Acenaphthene
Concen: 1.773 ng/ul
RT: 14.226 min Scan# 2490
Delta R.T. -0.009 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

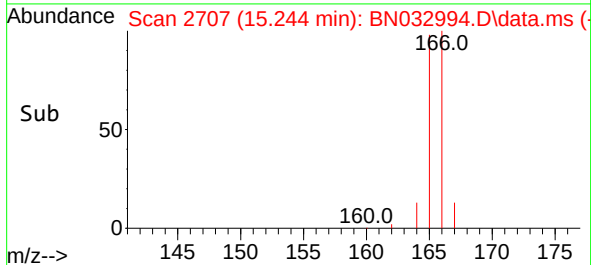
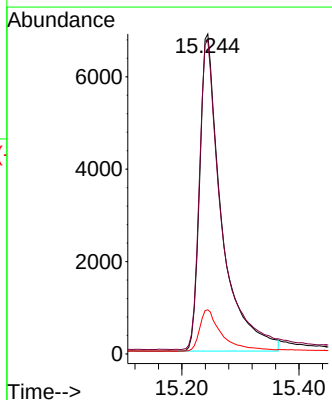
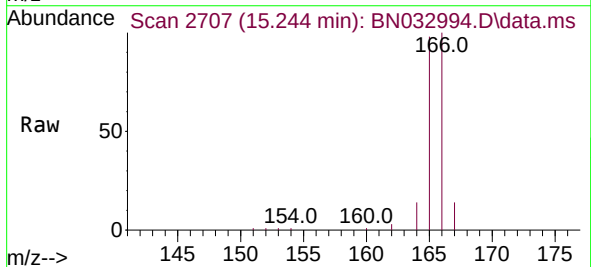
Instrument :
BNA_N
ClientSampleId :
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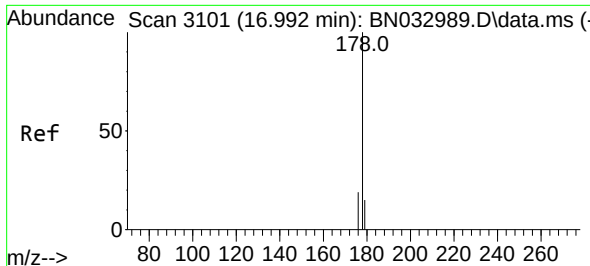
Tgt Ion:153 Resp: 31726
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 86.9 70.1 105.1



#12
Fluorene
Concen: 0.854 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. 0.000 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:166 Resp: 17819
Ion Ratio Lower Upper
166 100
165 98.1 79.6 119.4
167 13.8 12.2 18.4

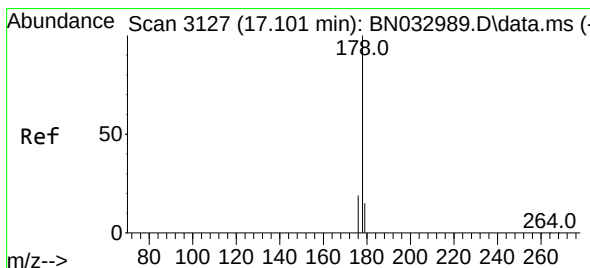
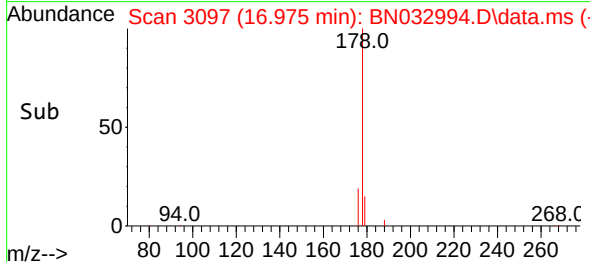
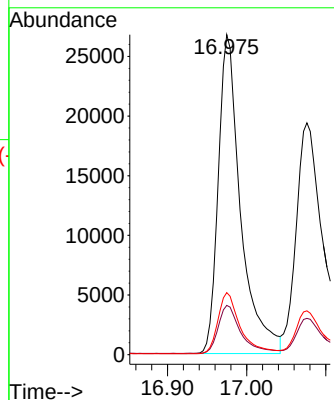
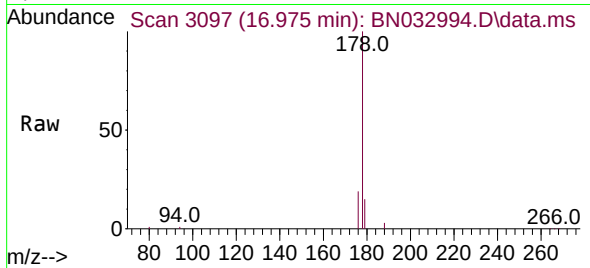




#15
Phenanthrene
Concen: 1.549 ng/ul
RT: 16.975 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

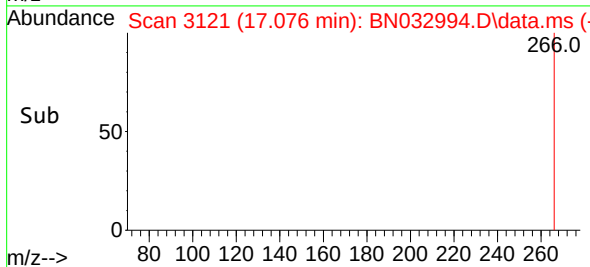
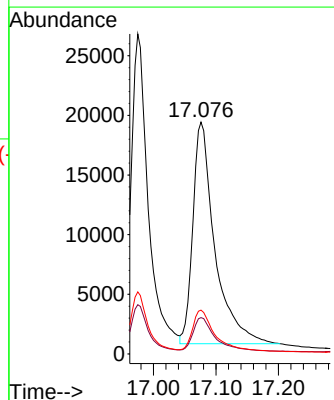
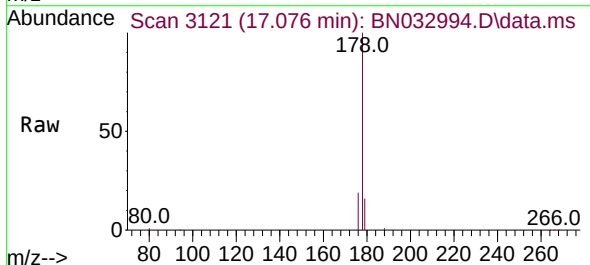
Instrument :
BNA_N
ClientSampleId :
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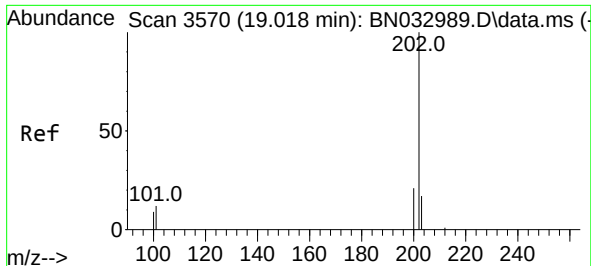
Tgt Ion:178 Resp: 52620
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.4 15.9 23.9



#16
Anthracene
Concen: 1.487 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:178 Resp: 45405
Ion Ratio Lower Upper
178 100
179 15.7 14.3 21.5
176 18.9 15.8 23.8

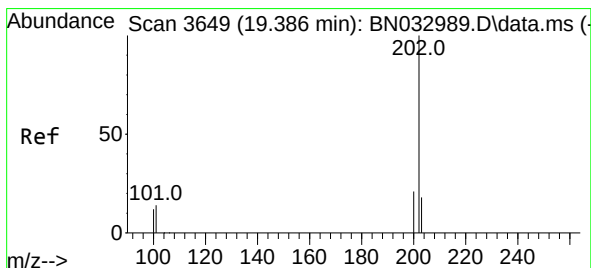
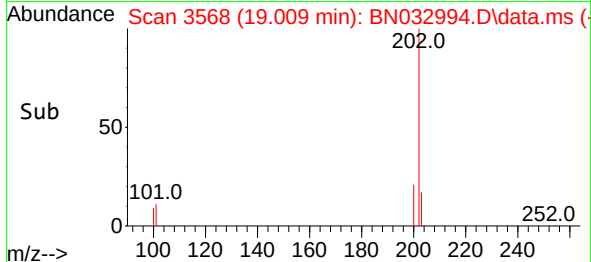
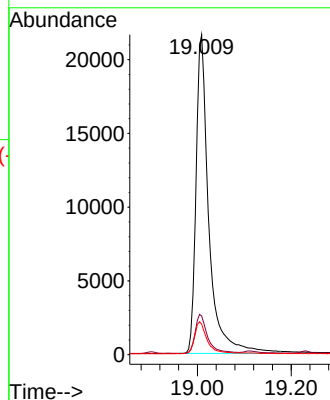
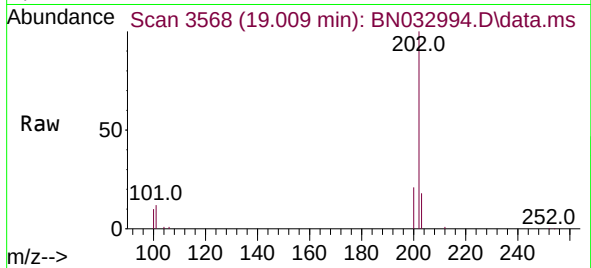




#19
Fluoranthene
Concen: 1.046 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

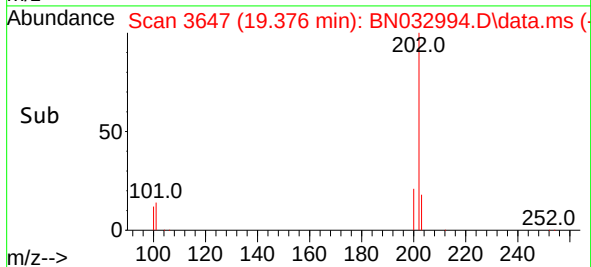
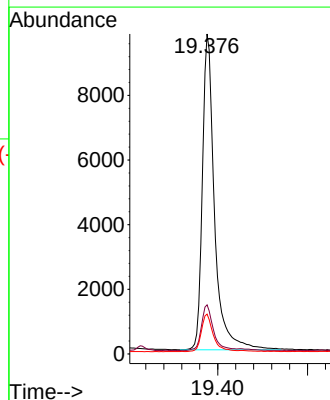
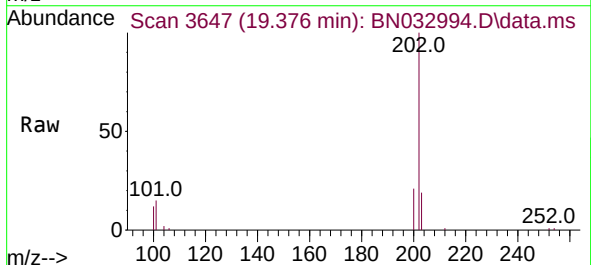
Instrument :
BNA_N
ClientSampleId :
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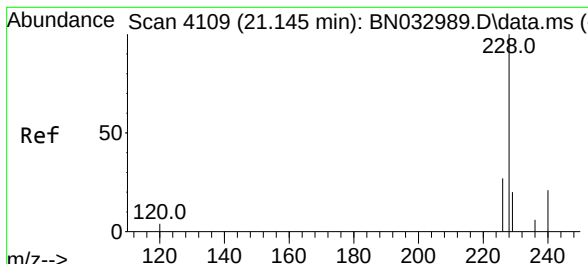
Tgt Ion:202 Resp: 41080
Ion Ratio Lower Upper
202 100
101 12.1 10.7 16.1
100 9.5 8.3 12.5



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:202 Resp: 18446
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.5 9.9 14.9



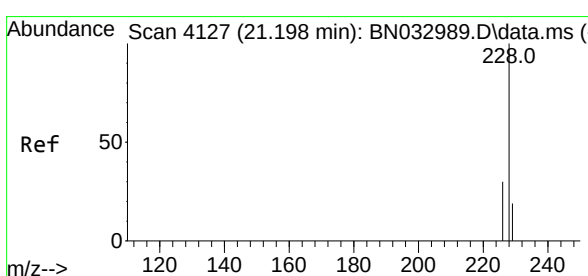
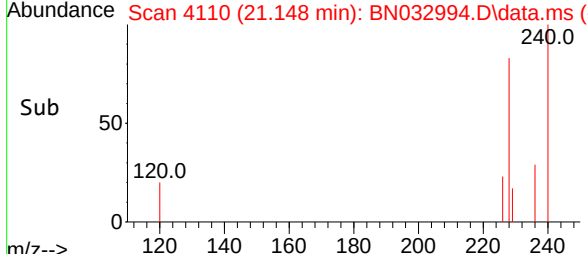
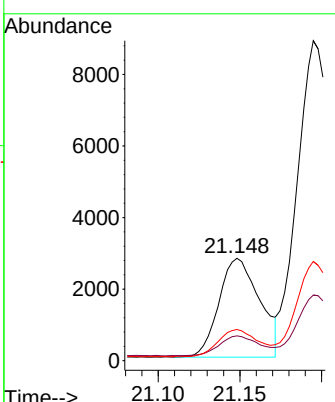
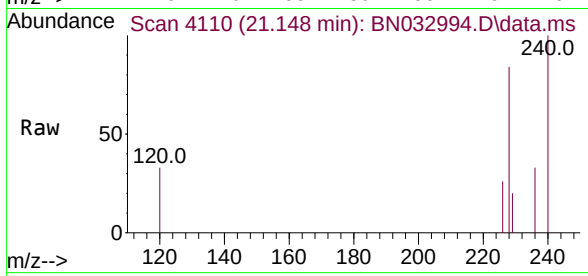


#21
 Benzo(a)anthracene
 Concen: 0.118 ng/ul
 RT: 21.148 min Scan# 4110
 Delta R.T. 0.003 min
 Lab File: BN032994.D
 Acq: 26 Jul 2024 13:23

Instrument :
 BNA_N
 ClientSampleId :
 XB502DL

Tgt Ion:228 Resp: 4808

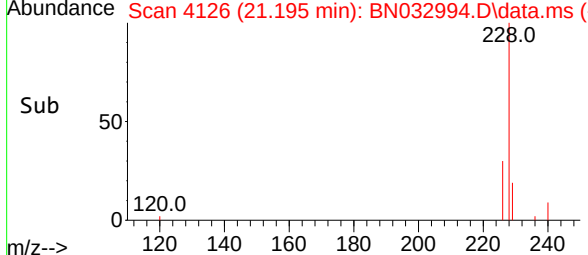
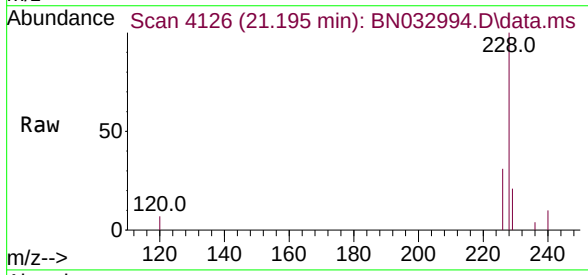
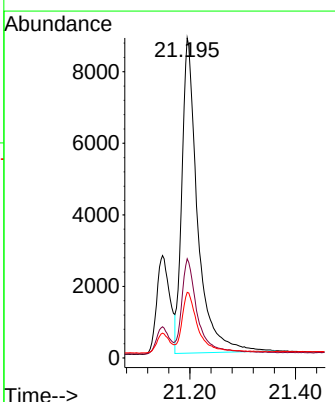
Ion	Ratio	Lower	Upper
228	100		
229	24.2	17.1	25.7
226	30.4	22.4	33.6

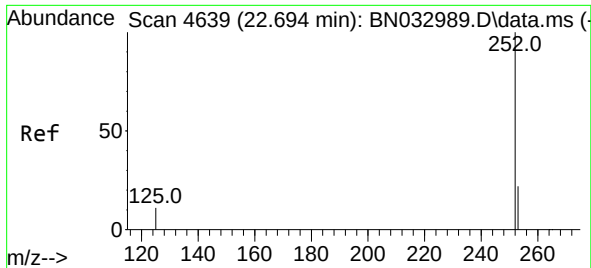


#22
 Chrysene
 Concen: 0.382 ng/ul
 RT: 21.195 min Scan# 4126
 Delta R.T. 0.000 min
 Lab File: BN032994.D
 Acq: 26 Jul 2024 13:23

Tgt Ion:228 Resp: 18112

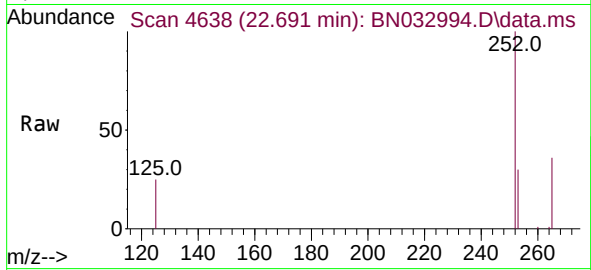
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	20.5	17.0	25.6



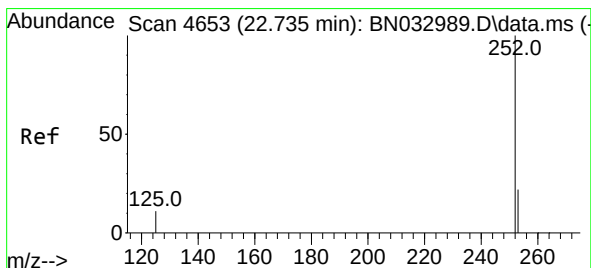
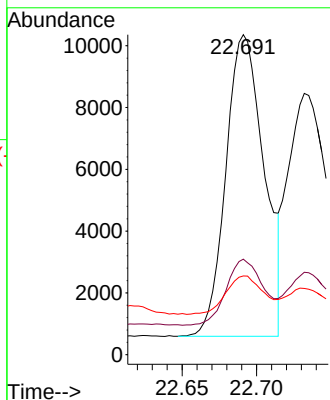


#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.003 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Instrument :
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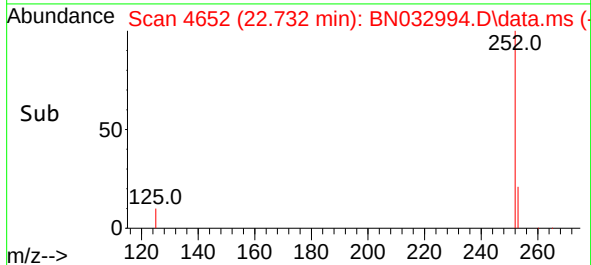
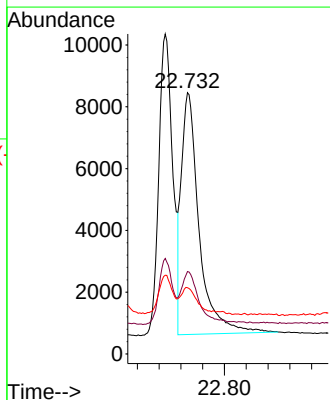
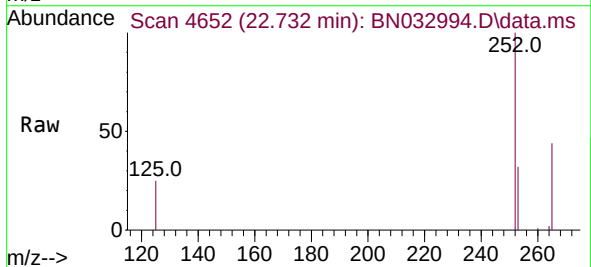


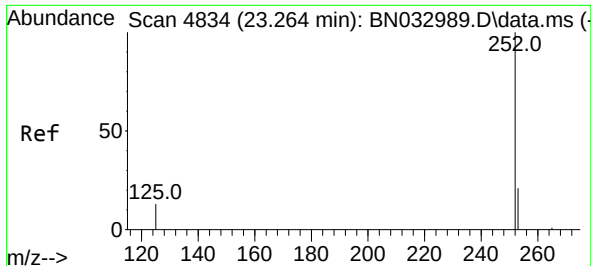
Tgt Ion:252 Resp: 17424
Ion Ratio Lower Upper
252 100
253 29.9 0.0 60.6
125 24.6 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

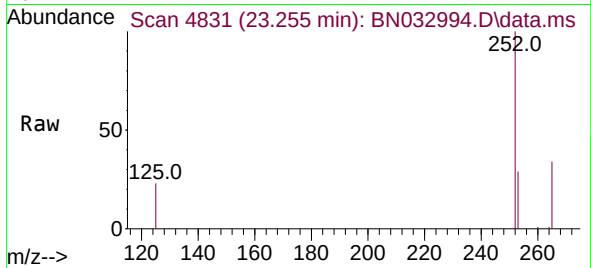
Tgt Ion:252 Resp: 17654
Ion Ratio Lower Upper
252 100
253 31.5 24.9 37.3
125 25.4 20.9 31.3



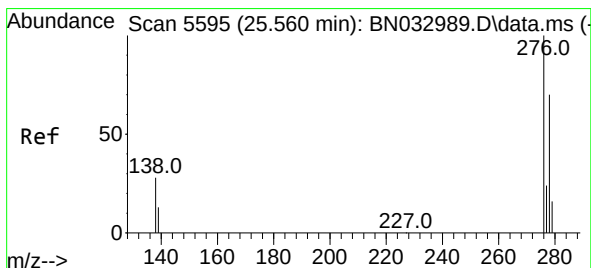
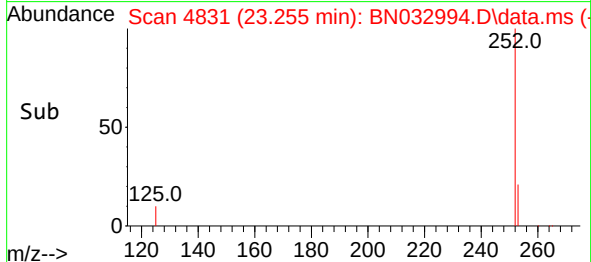
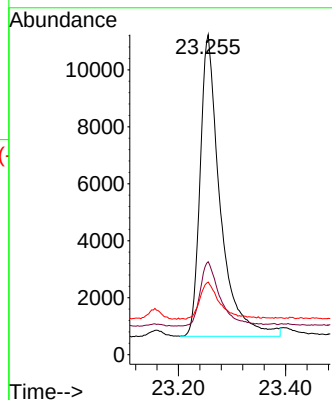


#26
Benzo(a)pyrene
Concen: 0.650 ng/ul
RT: 23.255 min Scan# 4831
Delta R.T. -0.006 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Instrument :
BNA_N
ClientSampleId :
XB502DL

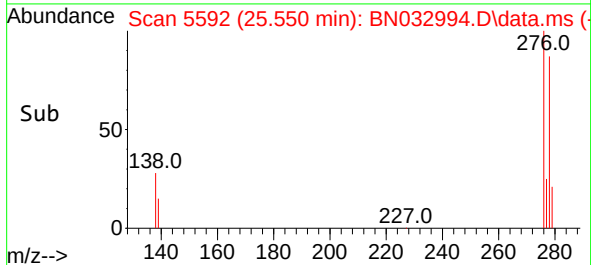
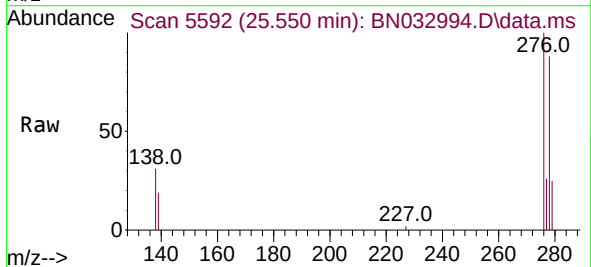
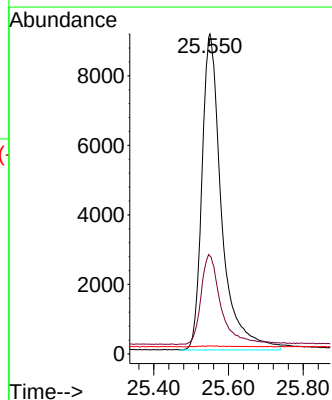


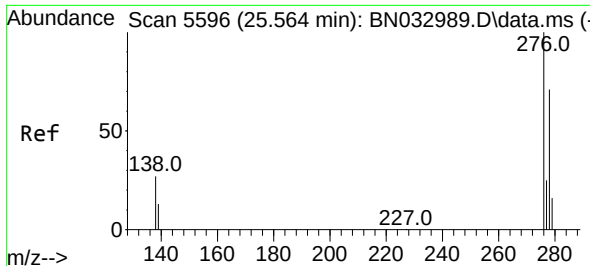
Tgt Ion:252 Resp: 27371
Ion Ratio Lower Upper
252 100
253 29.1 27.5 41.3
125 22.7 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.518 ng/ul
RT: 25.550 min Scan# 5592
Delta R.T. -0.010 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:276 Resp: 33169
Ion Ratio Lower Upper
276 100
138 28.7 21.8 32.8
227 0.1 0.2 0.2#

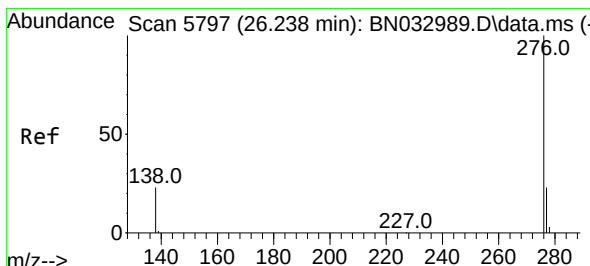
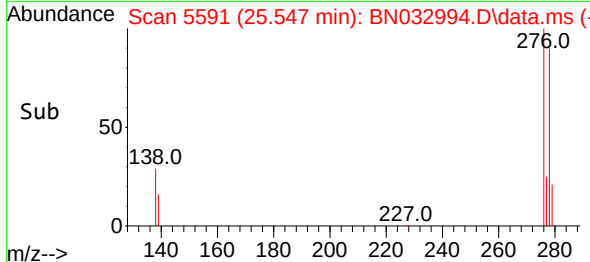
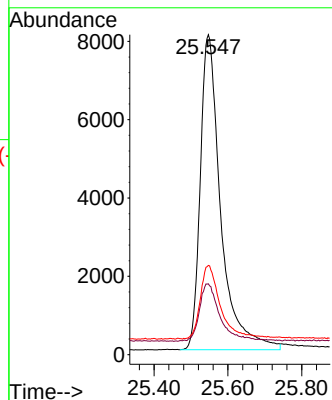
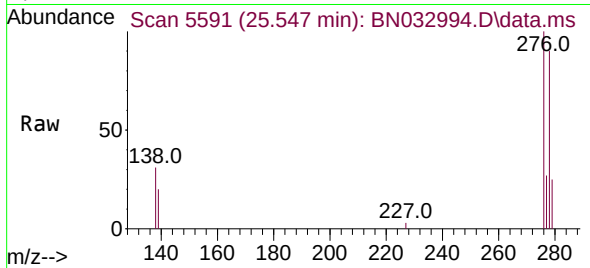




#28
Dibenzo(a,h)anthracene
Concen: 0.609 ng/ul
RT: 25.547 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Instrument :
BNA_N
ClientSampleId :
XB502DL

Tgt Ion:278 Resp: 30937
Ion Ratio Lower Upper
278 100
139 22.1 22.5 33.7#
279 27.9 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 26.228 min Scan# 5794
Delta R.T. -0.013 min
Lab File: BN032994.D
Acq: 26 Jul 2024 13:23

Tgt Ion:276 Resp: 24068
Ion Ratio Lower Upper
276 100
138 28.5 24.6 37.0
277 26.2 22.6 34.0

