

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032437.D
 Acq On : 03 Jul 2024 15:16
 Operator : MA/JU
 Sample : P3065-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP8

Quant Time: Jul 03 15:42:42 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

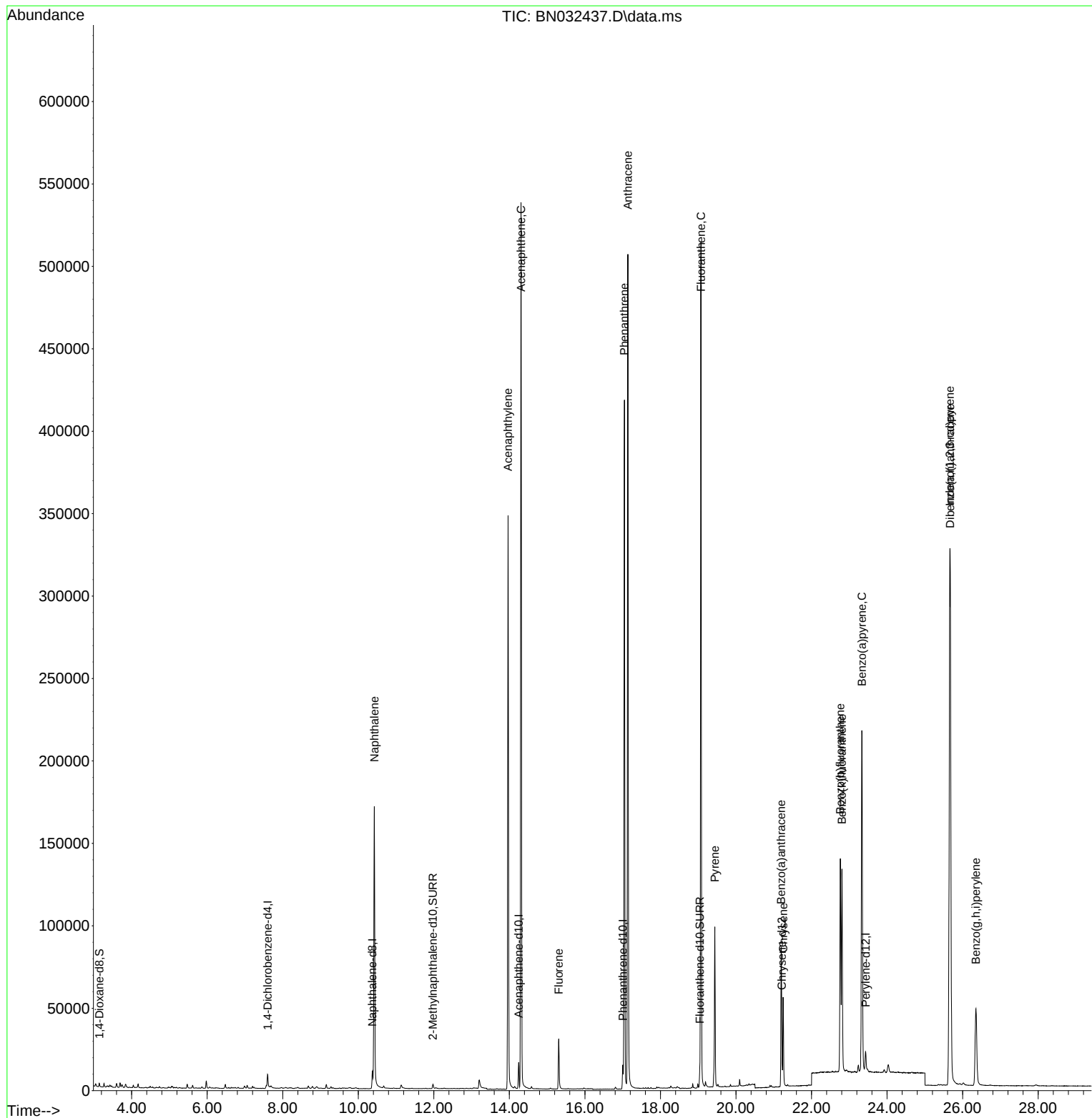
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	15812	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	9167	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	17643	0.400	ng/ul	0.00
17) Chrysene-d12	21.215	240	13796	0.400	ng/ul	# 0.00
23) Perylene-d12	23.433	264	16249	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	1573	0.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	4394	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	12346	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	253284	6.053	ng/ul	99
10) Acenaphthylene	13.966	152	397407	10.424	ng/ul	99
11) Acenaphthene	14.309	153	323573	10.935	ng/ul	98
12) Fluorene	15.308	166	22171	0.629	ng/ul	99
15) Phenanthrene	17.046	178	440429	9.105	ng/ul	99
16) Anthracene	17.139	178	571589	13.248	ng/ul	99
19) Fluoranthene	19.073	202	447761	8.523	ng/ul	100
20) Pyrene	19.441	202	87833	1.600	ng/ul	100
21) Benzo(a)anthracene	21.197	228	76944	1.545	ng/ul	100
22) Chrysene	21.250	228	52643	0.963	ng/ul	98
24) Benzo(b)fluoranthene	22.763	252	168116	2.381	ng/ul	96
25) Benzo(k)fluoranthene	22.807	252	150073	2.188	ng/ul	96
26) Benzo(a)pyrene	23.333	252	299363	6.095	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.663	276	447901	5.824	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.673	278	231778	4.056	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	98273	1.604	ng/ul	99

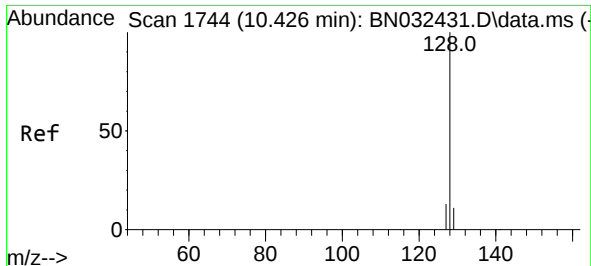
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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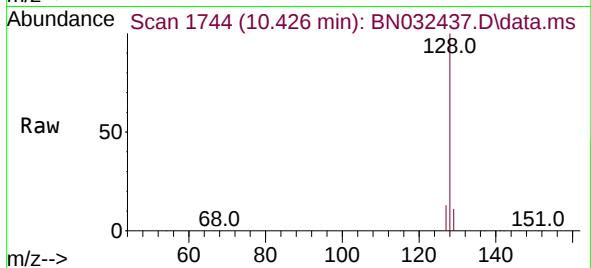
Quant Time: Jul 03 15:42:42 2024
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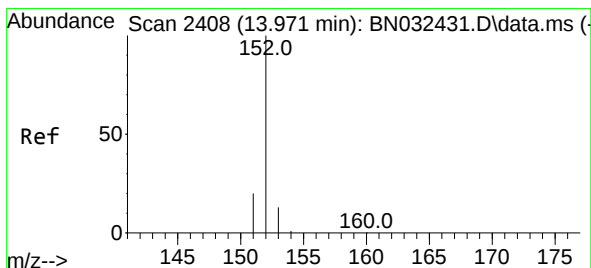
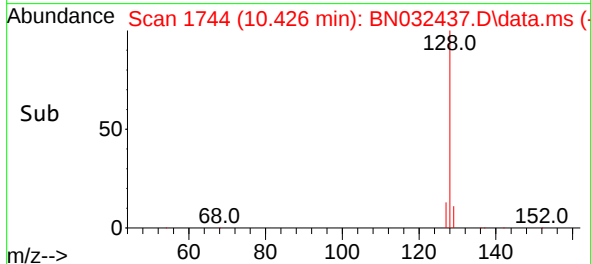
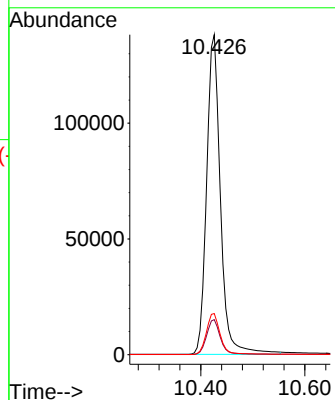


#5
Naphthalene
Concen: 6.053 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Instrument :
BNA_N
ClientSampleId :
A4DP8

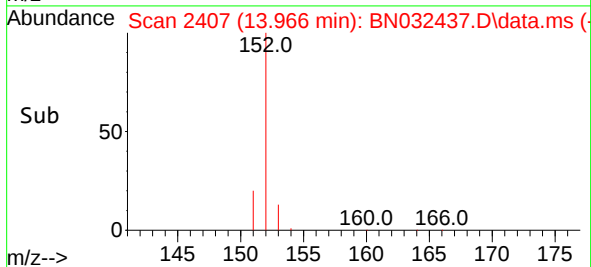
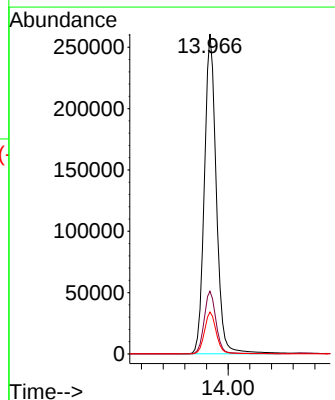
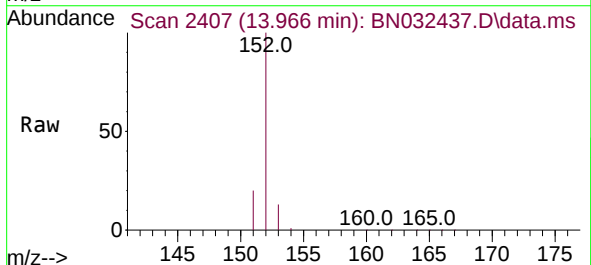


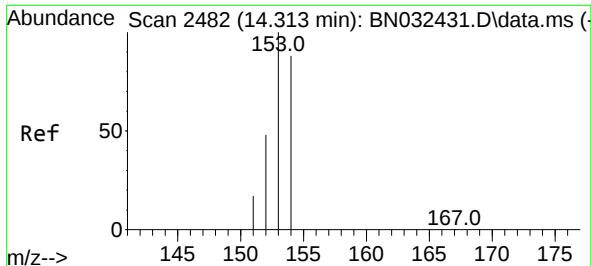
Tgt Ion:128 Resp: 253284
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.8 16.2



#10
Acenaphthylene
Concen: 10.424 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:152 Resp: 397407
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.9 16.3

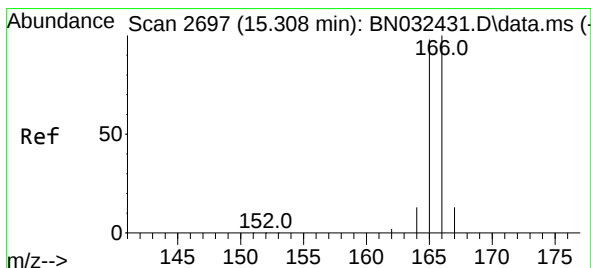
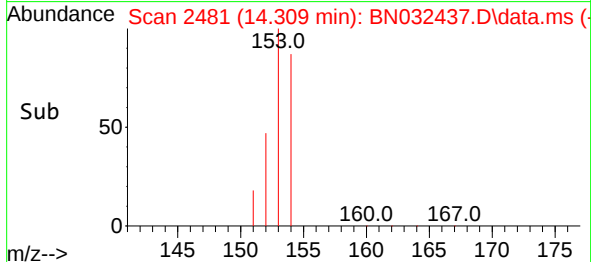
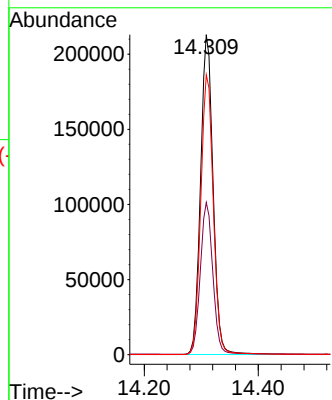
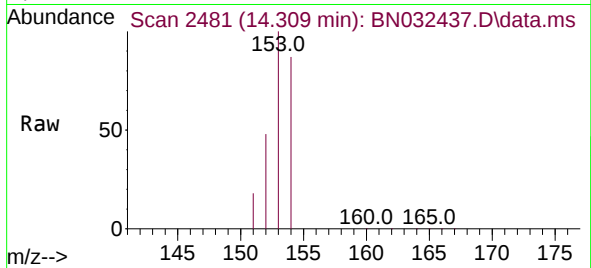




#11
Acenaphthene
Concen: 10.935 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

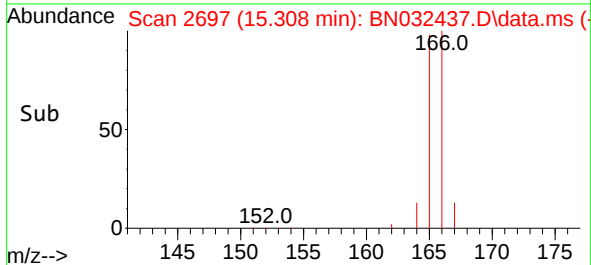
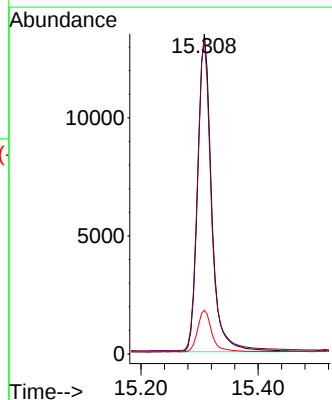
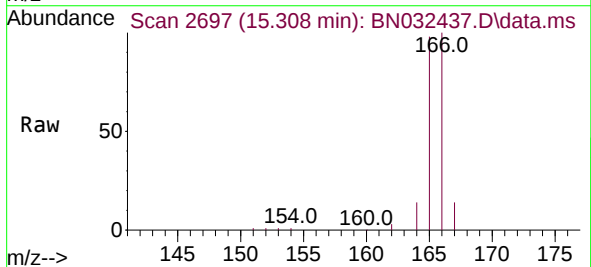
Instrument :
BNA_N
ClientSampleId :
A4DP8

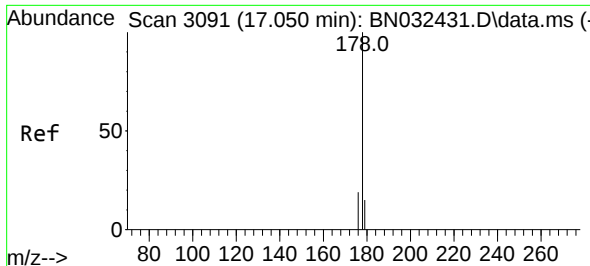
Tgt Ion:153 Resp: 323573
Ion Ratio Lower Upper
153 100
152 47.5 39.5 59.3
154 87.4 71.7 107.5



#12
Fluorene
Concen: 0.629 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.004 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:166 Resp: 22171
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 13.7 11.0 16.6

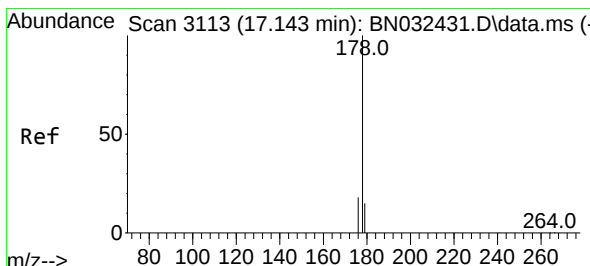
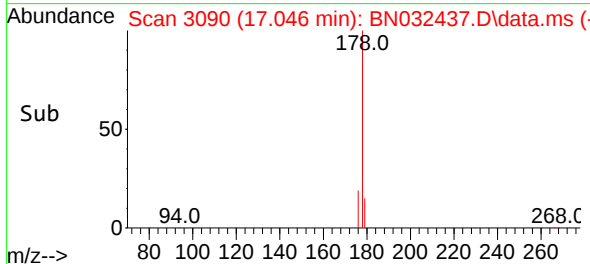
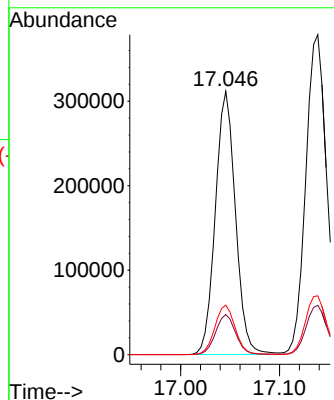
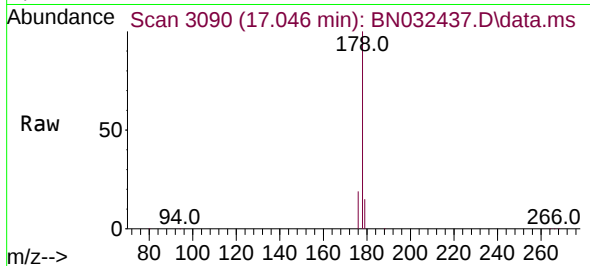




#15
Phenanthrene
Concen: 9.105 ng/ul
RT: 17.046 min Scan# 3091
Delta R.T. -0.004 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

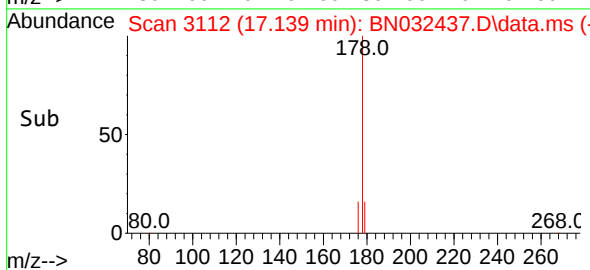
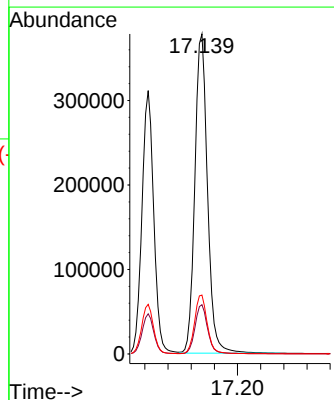
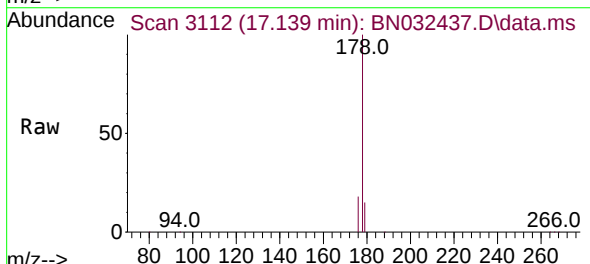
Instrument :
BNA_N
ClientSampleId :
A4DP8

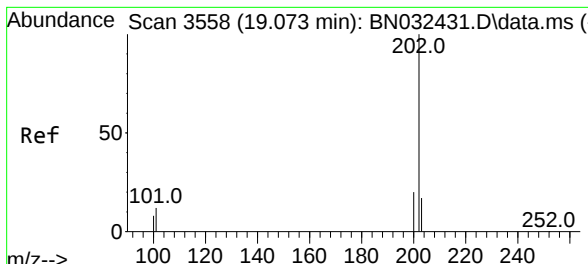
Tgt Ion:178 Resp: 440429
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.9 15.6 23.4



#16
Anthracene
Concen: 13.248 ng/ul
RT: 17.139 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:178 Resp: 571589
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.4 15.0 22.6



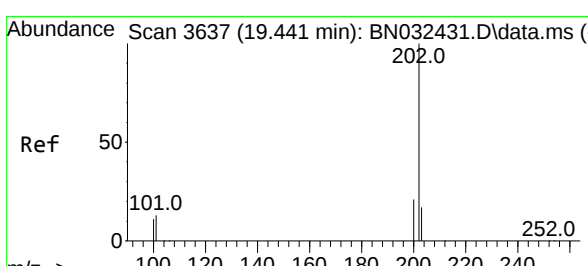
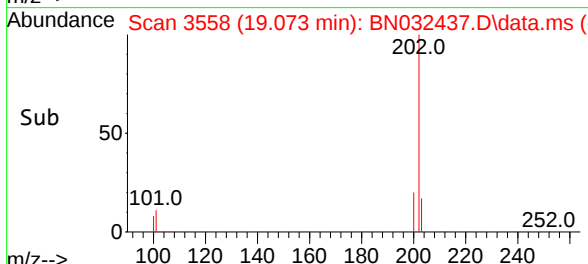
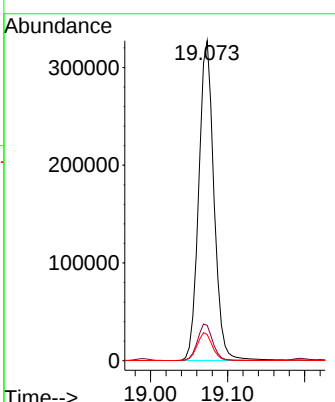
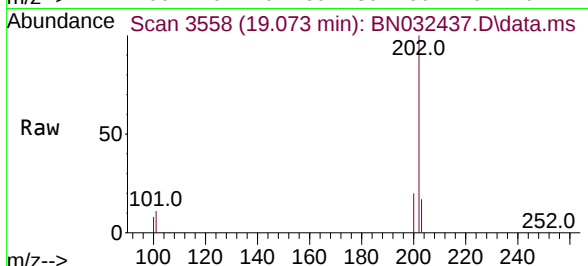


#19
 Fluoranthene
 Concen: 8.523 ng/u1
 RT: 19.073 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032437.D
 Acq: 03 Jul 2024 15:16

Instrument :
 BNA_N
 ClientSampleId :
 A4DP8

Tgt Ion:202 Resp: 447761

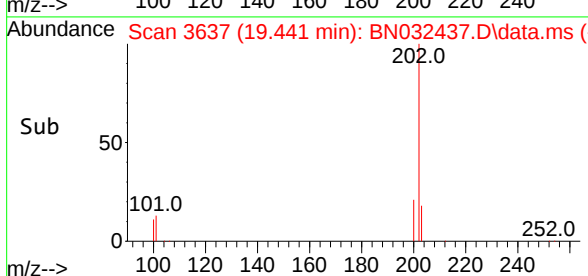
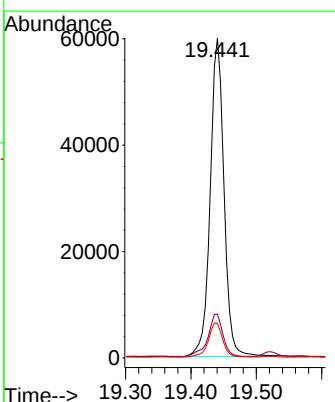
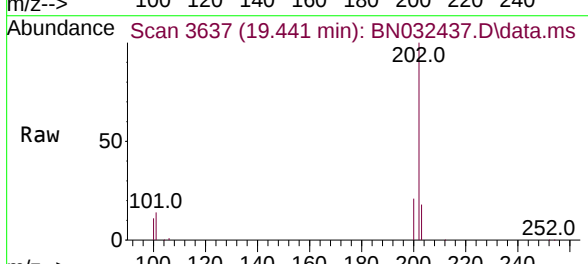
Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
100	8.1	6.4	9.6

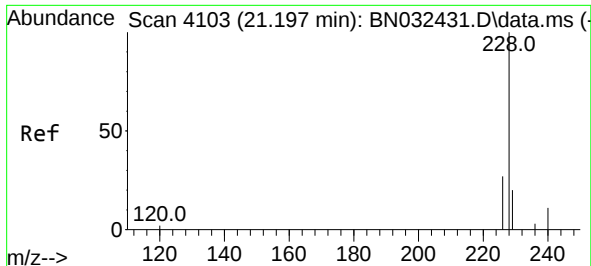


#20
 Pyrene
 Concen: 1.600 ng/u1
 RT: 19.441 min Scan# 3637
 Delta R.T. 0.000 min
 Lab File: BN032437.D
 Acq: 03 Jul 2024 15:16

Tgt Ion:202 Resp: 87833

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	10.8	8.7	13.1

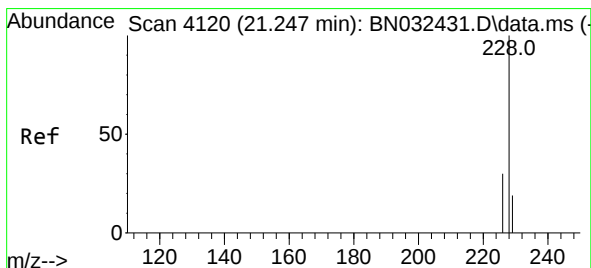
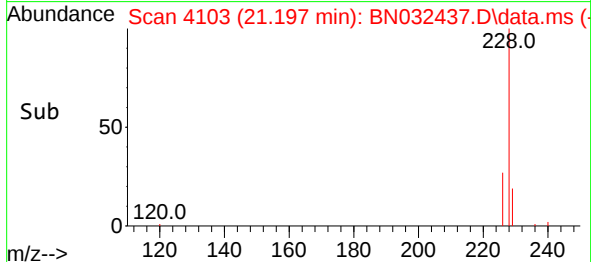
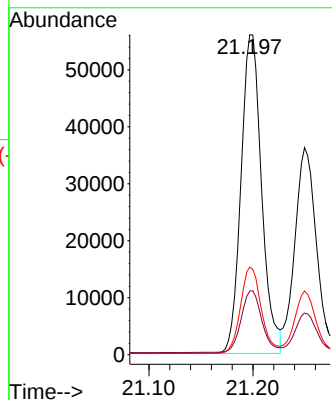
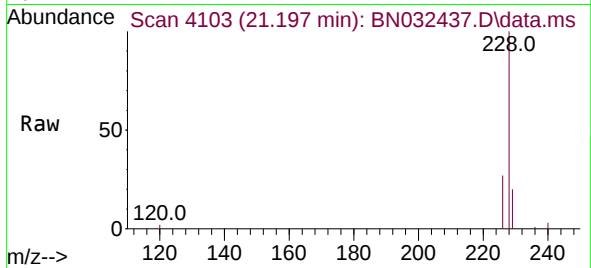




#21
Benzo(a)anthracene
Concen: 1.545 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

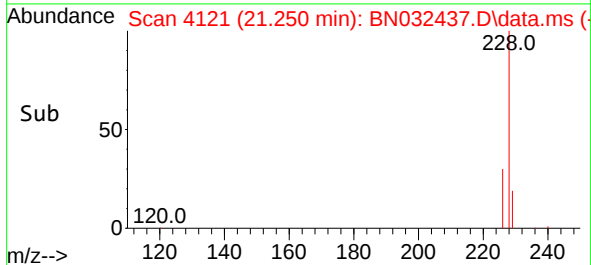
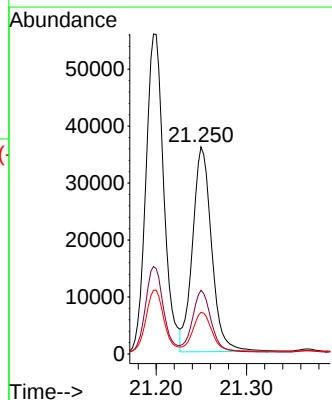
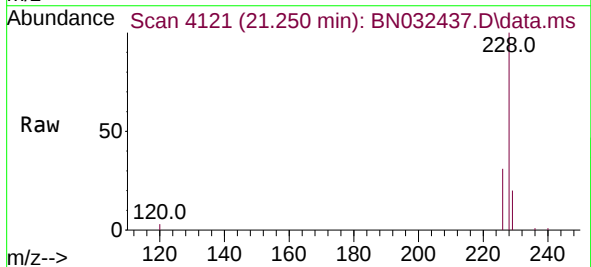
Instrument :
BNA_N
ClientSampleId :
A4DP8

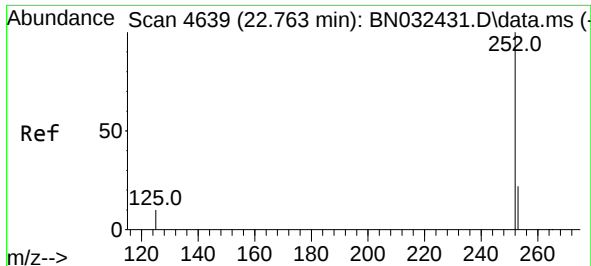
Tgt Ion:228 Resp: 76944
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.4 21.8 32.8



#22
Chrysene
Concen: 0.963 ng/ul
RT: 21.250 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:228 Resp: 52643
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 20.1 15.7 23.5

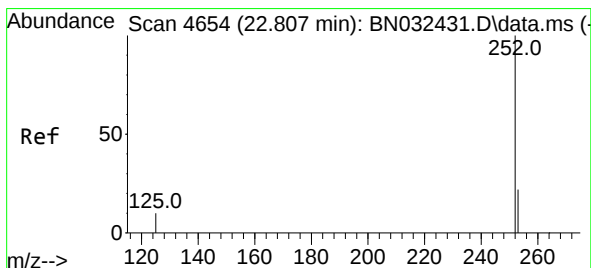
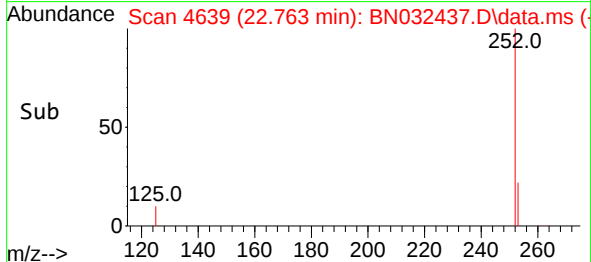
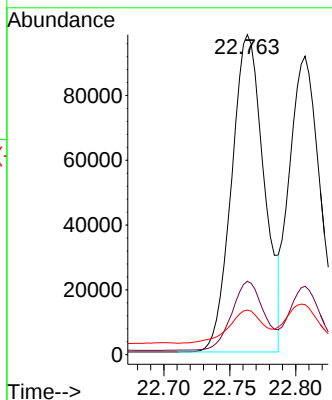
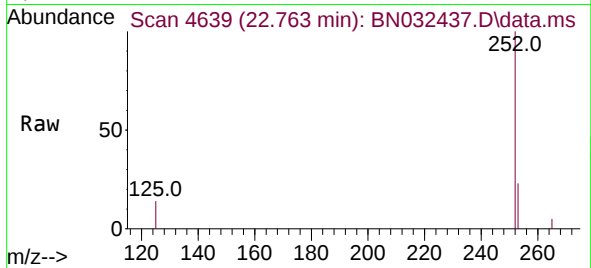




#24
Benzo(b)fluoranthene
Concen: 2.381 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

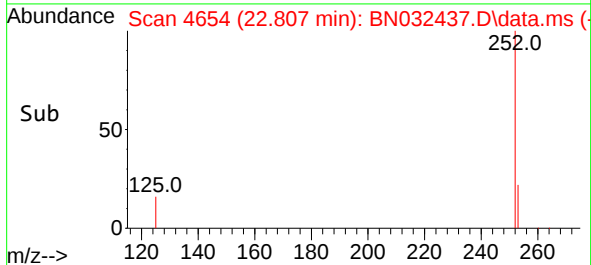
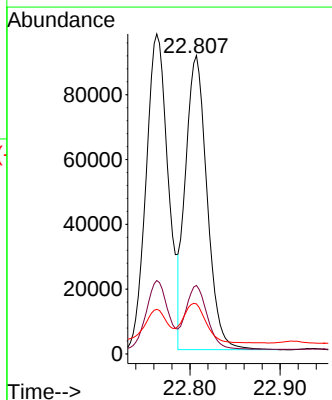
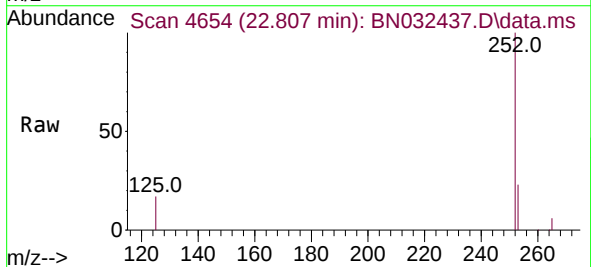
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ClientSampleId :
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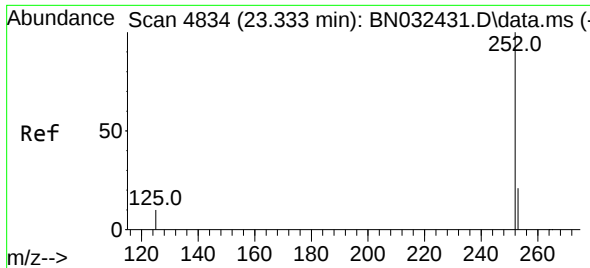
Tgt Ion:252 Resp: 168116
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 14.0 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 2.188 ng/ul
RT: 22.807 min Scan# 4654
Delta R.T. 0.006 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:252 Resp: 150073
Ion Ratio Lower Upper
252 100
253 23.0 20.3 30.5
125 16.8 12.8 19.2

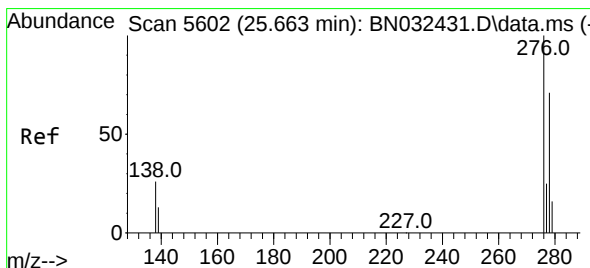
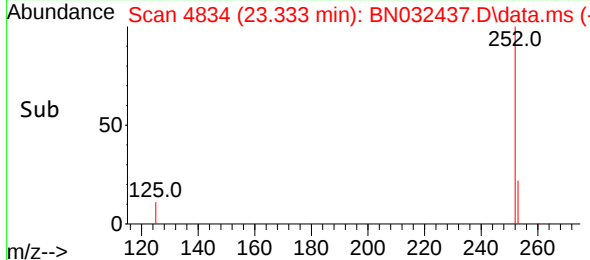
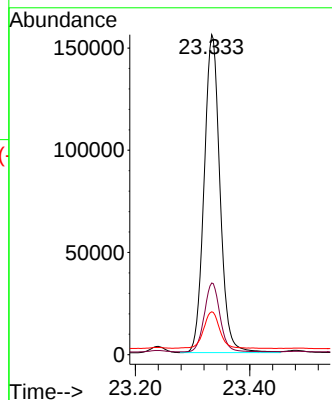
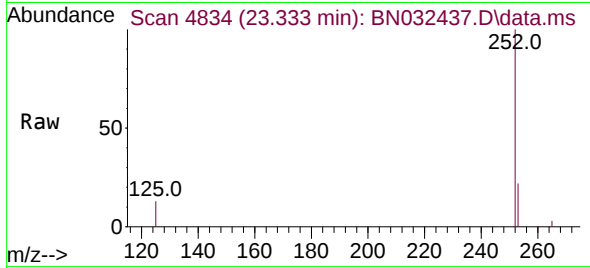




#26
Benzo(a)pyrene
Concen: 6.095 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

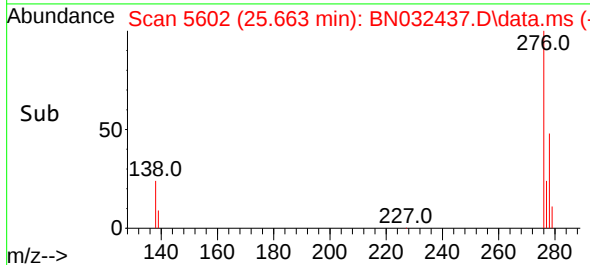
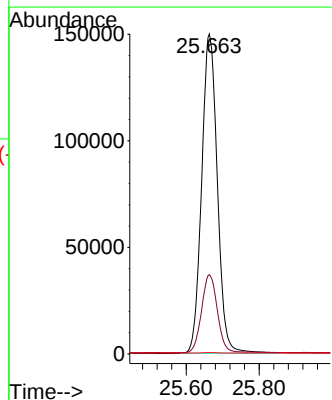
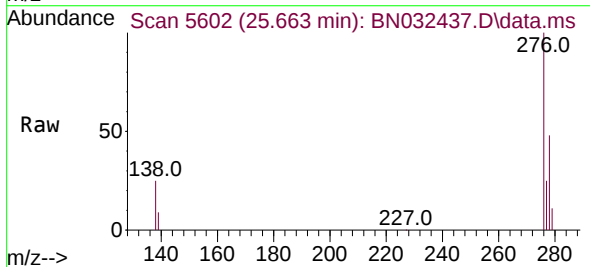
Instrument :
BNA_N
ClientSampleId :
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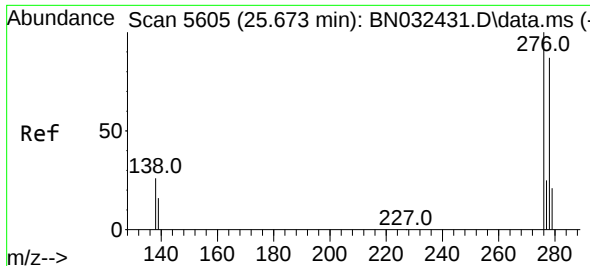
Tgt Ion:252 Resp: 299363
Ion Ratio Lower Upper
252 100
253 22.4 22.2 33.2
125 13.4 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.824 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:276 Resp: 447901
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
227 0.2 0.1 0.1#

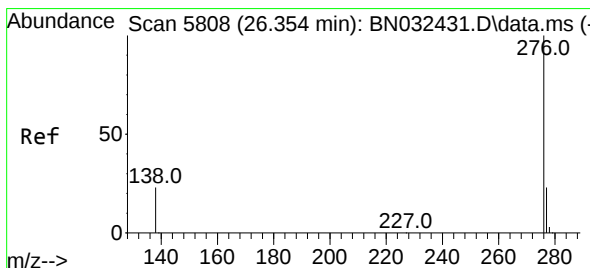
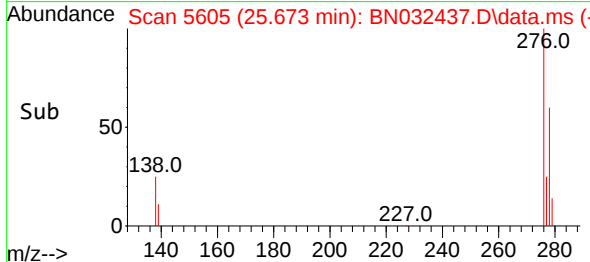
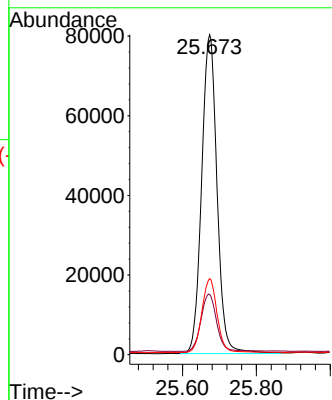
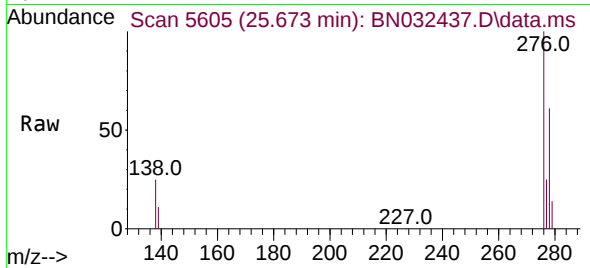




#28
Dibenzo(a,h)anthracene
Concen: 4.056 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.007 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Instrument :
BNA_N
ClientSampleId :
A4DP8

Tgt Ion:278 Resp: 231778
Ion Ratio Lower Upper
278 100
139 18.8 15.9 23.9
279 23.7 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 1.604 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. 0.010 min
Lab File: BN032437.D
Acq: 03 Jul 2024 15:16

Tgt Ion:276 Resp: 98273
Ion Ratio Lower Upper
276 100
138 24.5 19.8 29.6
277 24.2 19.8 29.6

