

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Quant Time: Jun 30 23:04:05 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

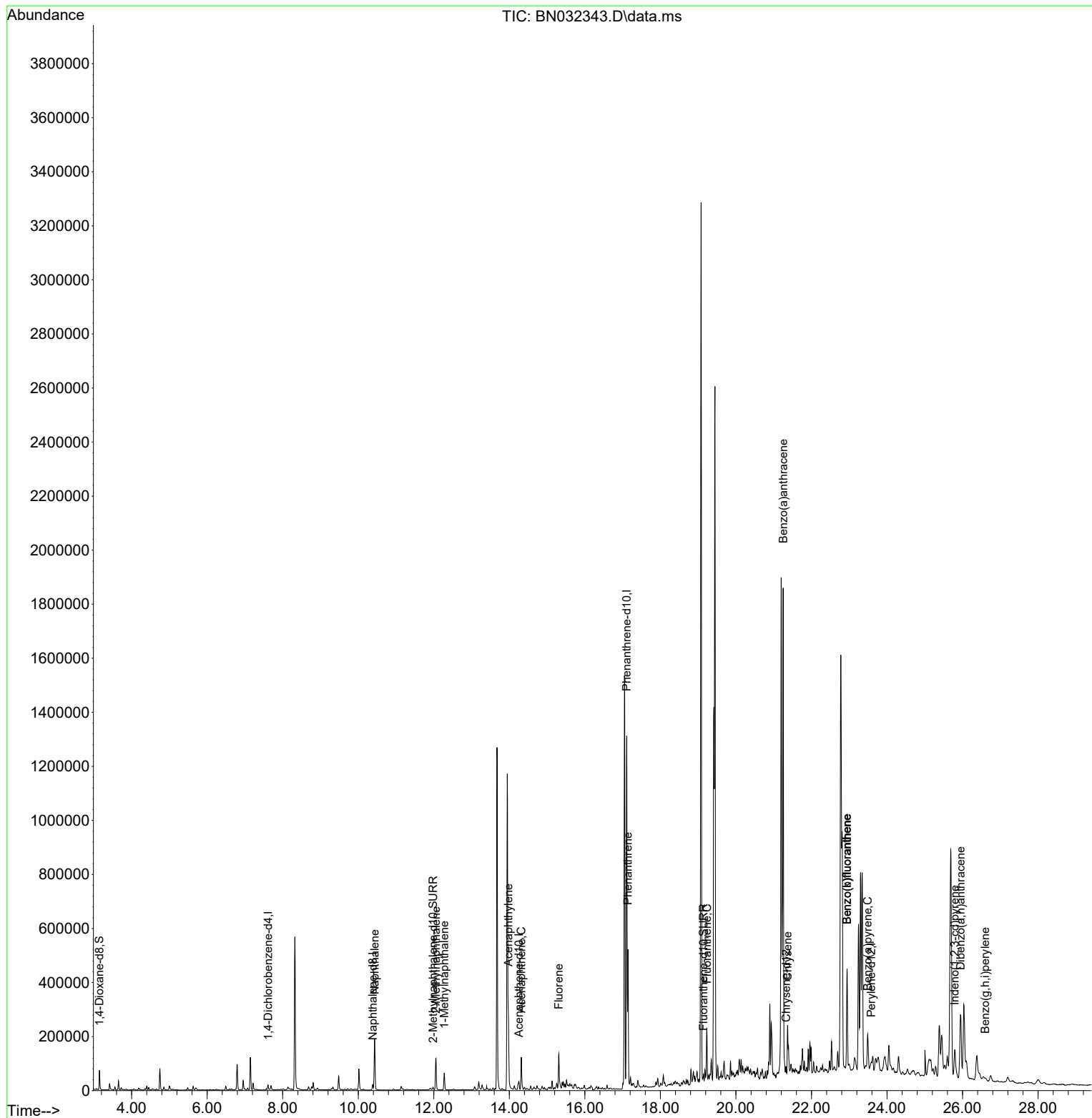
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	29076	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	15915	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.108	188	1504841	0.400	ng/ul	0.08
17) Chrysene-d12	21.327	240	711	0.400	ng/ul	# 0.10
23) Perylene-d12	23.583	264	4736	0.400	ng/ul	# 0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	48534	4.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	13469	0.309	ng/ul	-0.02
18) Fluoranthene-d10	19.137	212	1877	0.877	ng/ul	0.08
Target Compounds						
					Qvalue	
5) Naphthalene	10.435	128	264208	3.434	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	89889	1.763	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	45871	0.867	ng/ul	99
10) Acenaphthylene	13.974	152	341319	5.157	ng/ul	99
11) Acenaphthene	14.317	153	70748	1.377	ng/ul	98
12) Fluorene	15.311	166	90211	1.474	ng/ul#	98
15) Phenanthrene	17.141	178	531855	0.129	ng/ul	99
19) Fluoranthene	19.230	202	160230	59.182	ng/ul	98
21) Benzo(a)anthracene	21.251	228	1777911	692.818	ng/ul	93
22) Chrysene	21.368	228	211670	75.151	ng/ul#	42
24) Benzo(b)fluoranthene	22.943	252	462794	22.492	ng/ul	90
25) Benzo(k)fluoranthene	22.943	252	477619	23.891	ng/ul#	91
26) Benzo(a)pyrene	23.487	252	130037	9.083	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.792	276	38230	1.705	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.947	278	358750	21.540	ng/ul	94
29) Benzo(g,h,i)perylene	26.597	276	17592	0.985	ng/ul#	1

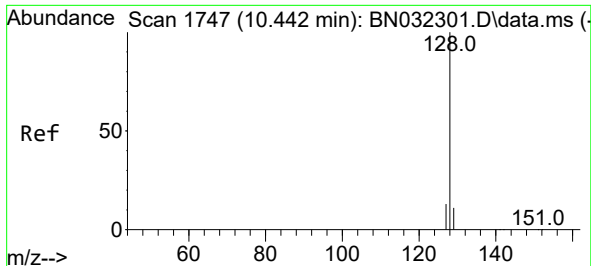
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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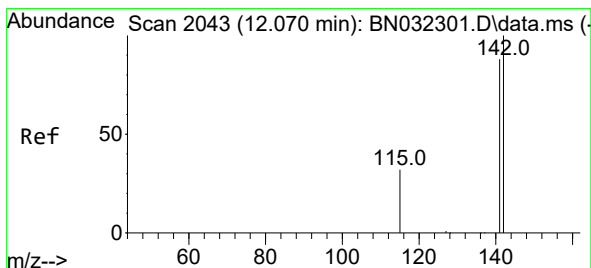
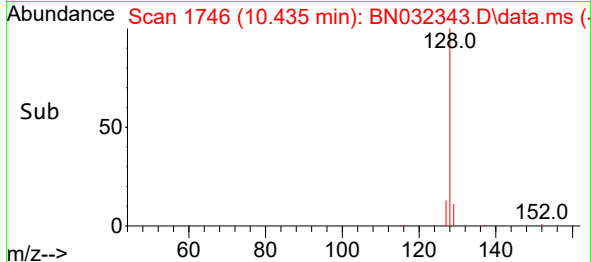
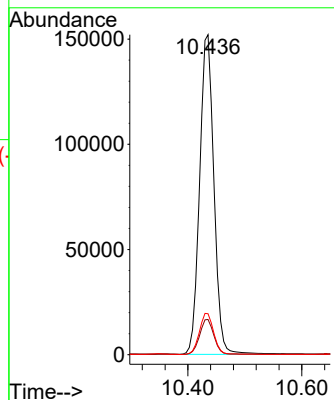
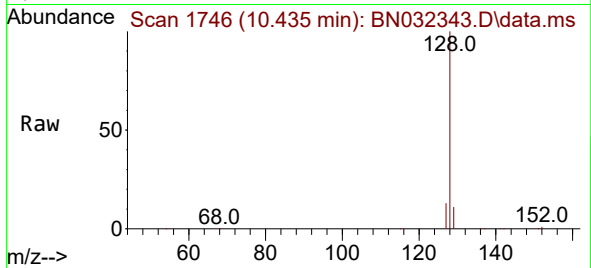




#5
Naphthalene
Concen: 3.434 ng/ul
RT: 10.435 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

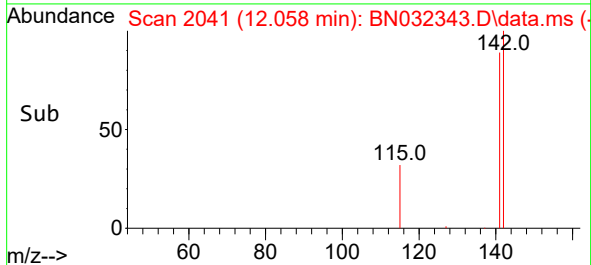
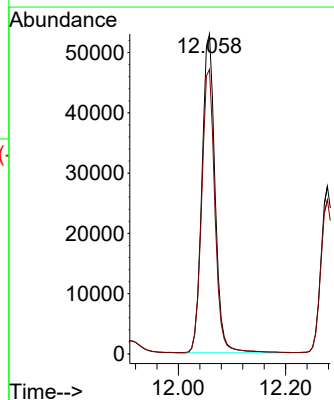
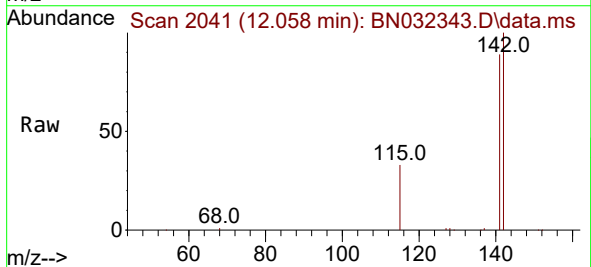
Instrument :
BNA_N
ClientSampleId :
A4CQ0

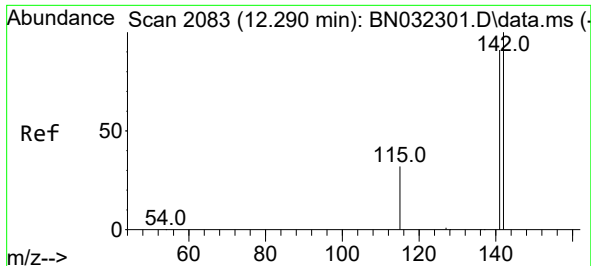
Tgt Ion:128 Resp: 264208
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.8 16.2



#7
2-Methylnaphthalene
Concen: 1.763 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:142 Resp: 89889
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2

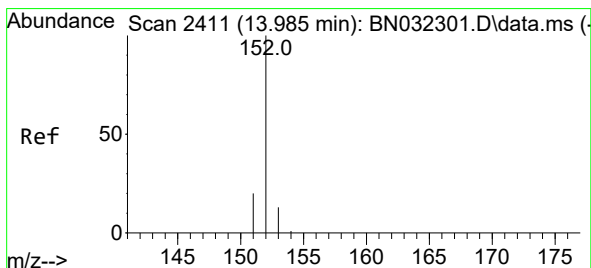
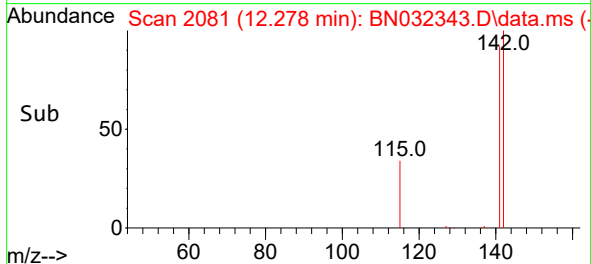
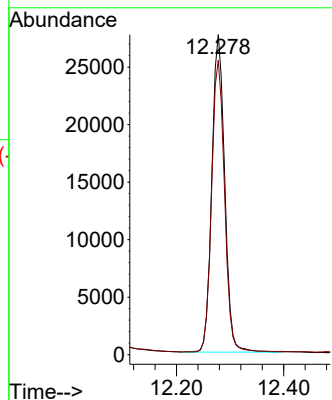
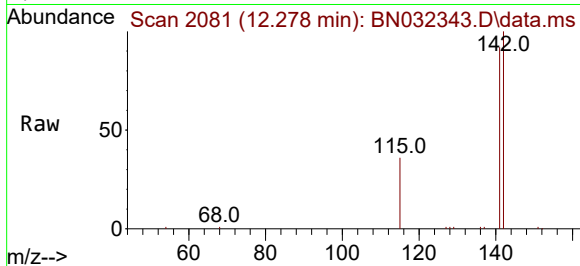




#8
1-Methylnaphthalene
Concen: 0.867 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

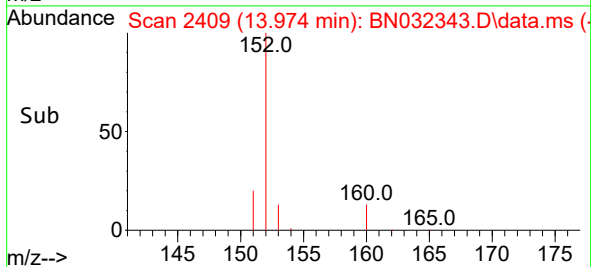
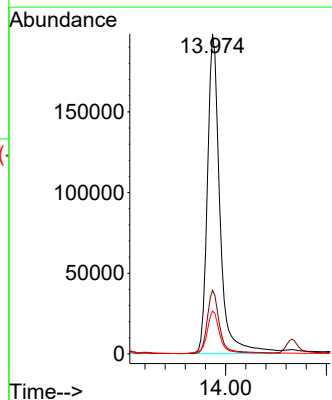
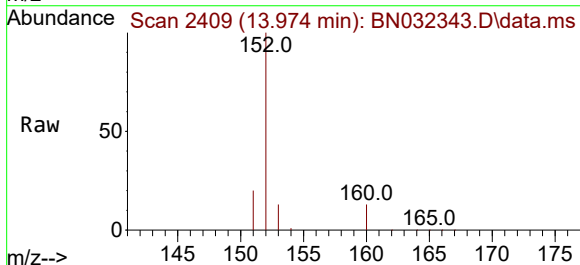
Instrument :
BNA_N
ClientSampleId :
A4CQ0

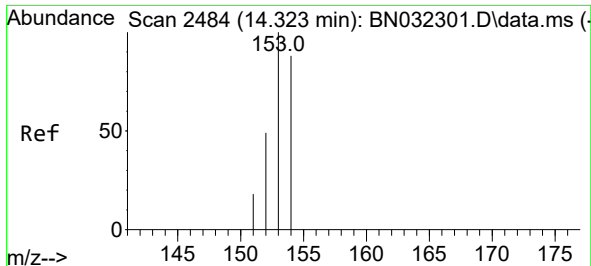
Tgt Ion:142 Resp: 45871
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0



#10
Acenaphthylene
Concen: 5.157 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:152 Resp: 341319
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 10.9 16.3

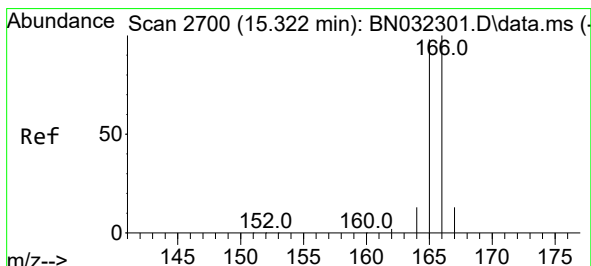
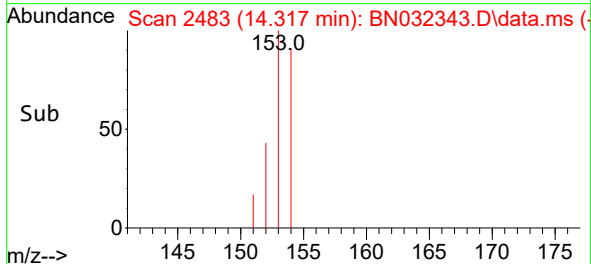
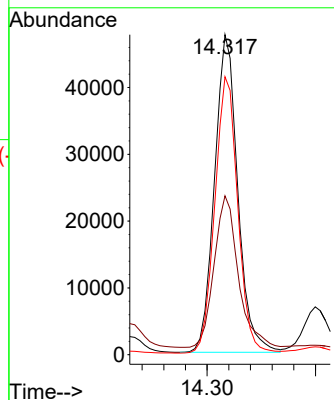
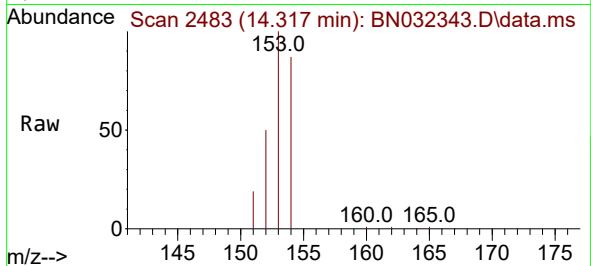




#11
Acenaphthene
Concen: 1.377 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

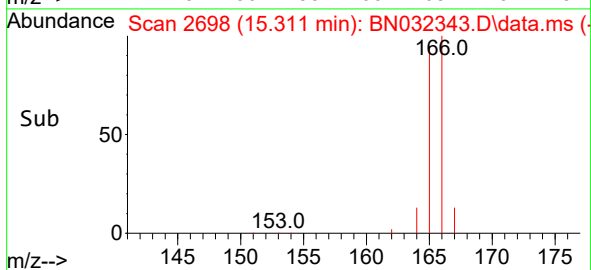
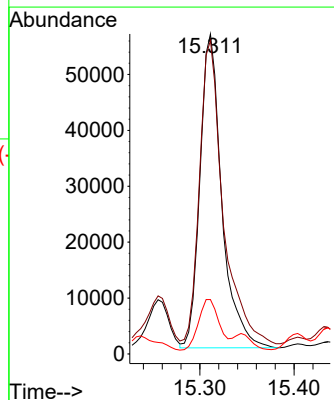
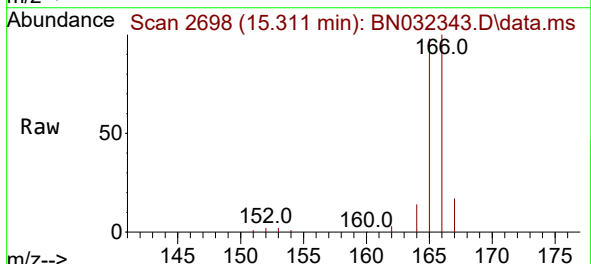
Instrument :
BNA_N
ClientSampleId :
A4CQ0

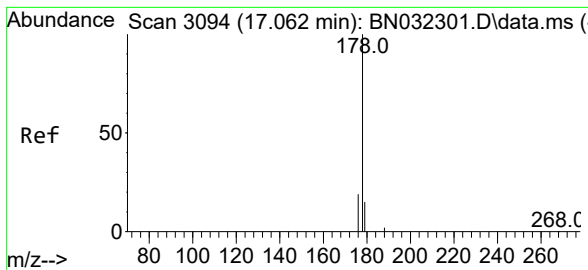
Tgt Ion:153 Resp: 70748
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 86.8 71.7 107.5



#12
Fluorene
Concen: 1.474 ng/ul
RT: 15.311 min Scan# 2698
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:166 Resp: 90211
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 17.0 11.0 16.6#



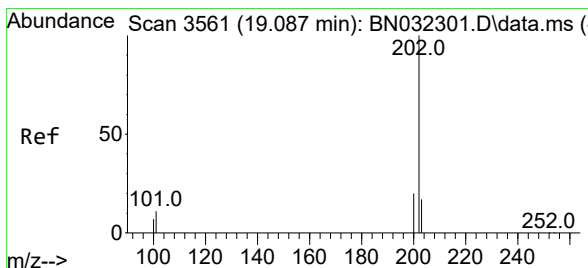
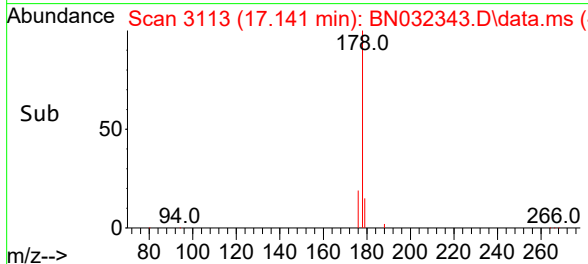
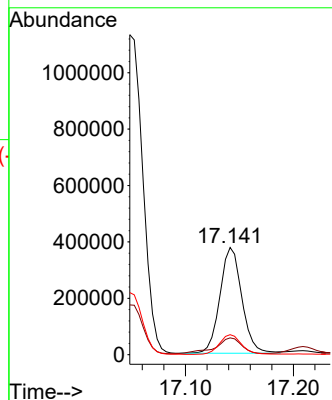
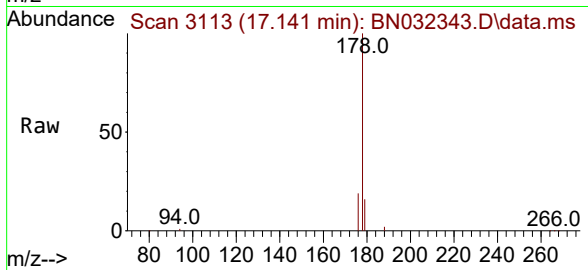


#15
 Phenanthrene
 Concen: 0.129 ng/ul
 RT: 17.141 min Scan# 3113
 Delta R.T. 0.075 min
 Lab File: BN032343.D
 Acq: 29 Jun 2024 09:53

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Tgt Ion:178 Resp: 531855

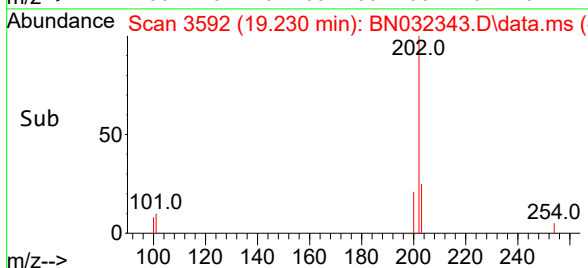
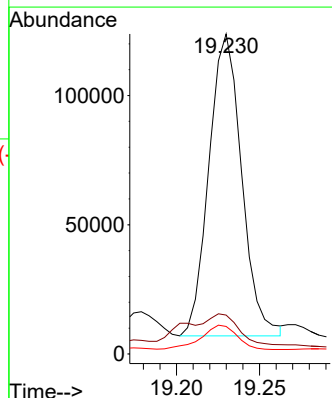
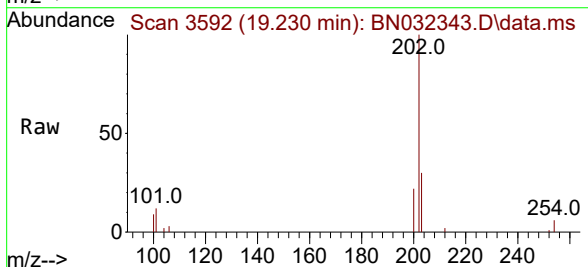
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.7	15.6	23.4

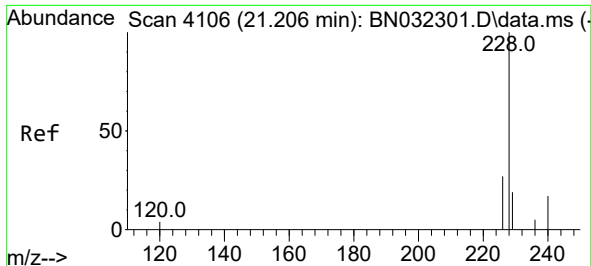


#19
 Fluoranthene
 Concen: 59.182 ng/ul
 RT: 19.230 min Scan# 3592
 Delta R.T. 0.138 min
 Lab File: BN032343.D
 Acq: 29 Jun 2024 09:53

Tgt Ion:202 Resp: 160230

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.8	13.2
100	8.6	6.4	9.6

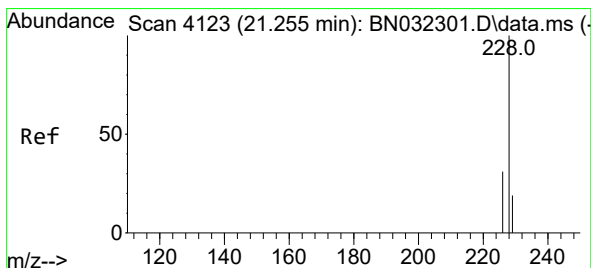
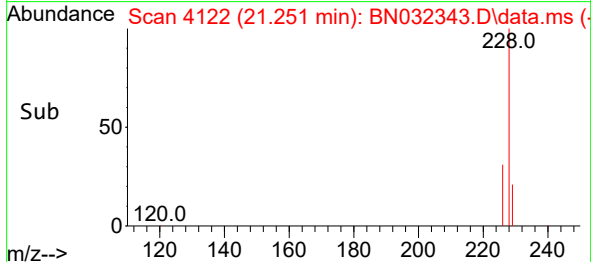
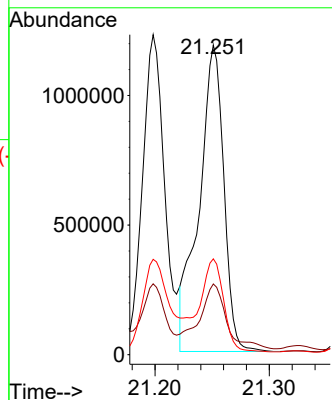
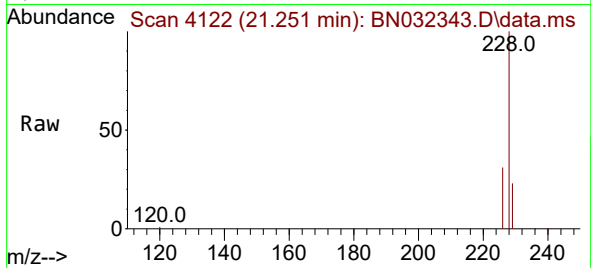




#21
Benzo(a)anthracene
Concen: 692.818 ng/ul
RT: 21.251 min Scan# 4112
Delta R.T. 0.037 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

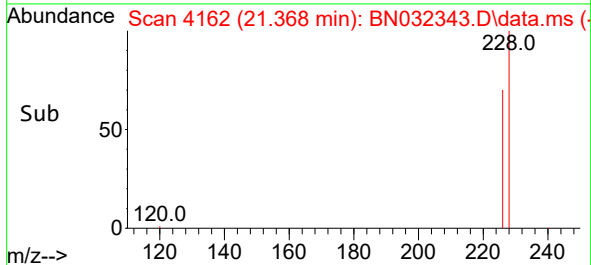
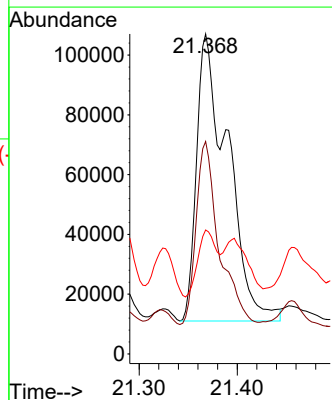
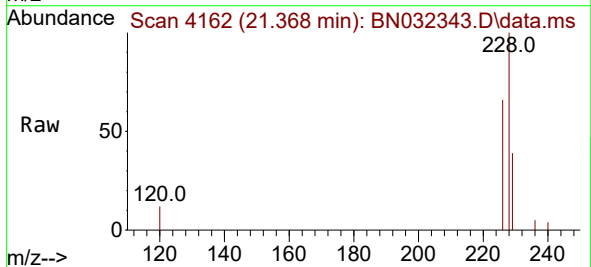
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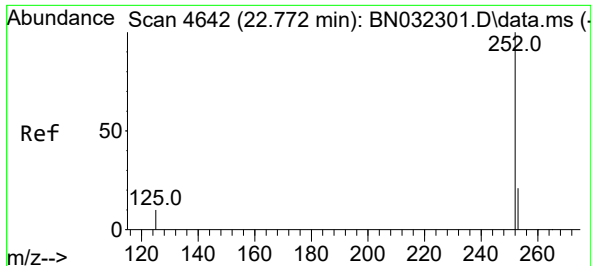
Tgt Ion:228 Resp: 1777911
Ion Ratio Lower Upper
228 100
229 22.8 15.7 23.5
226 31.0 21.8 32.8



#22
Chrysene
Concen: 75.151 ng/ul
RT: 21.368 min Scan# 4162
Delta R.T. 0.101 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:228 Resp: 211670
Ion Ratio Lower Upper
228 100
226 66.4 23.6 35.4#
229 38.7 15.7 23.5#

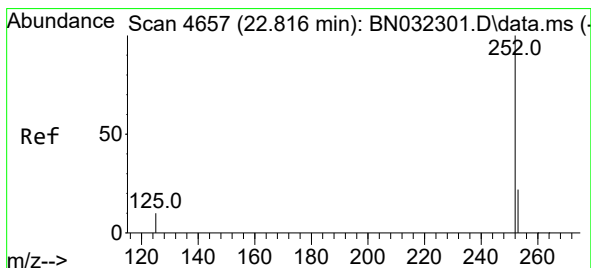
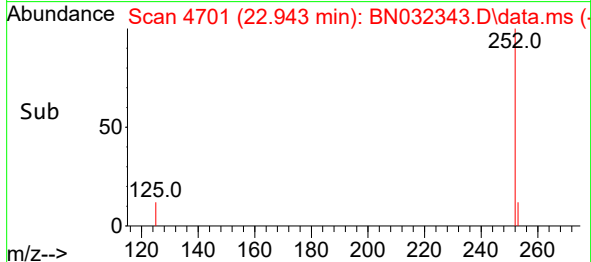
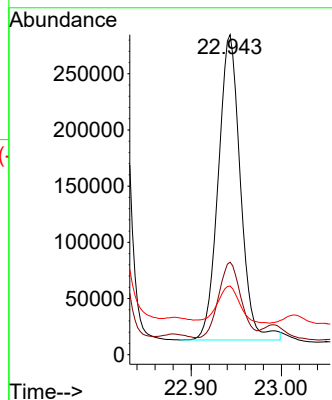
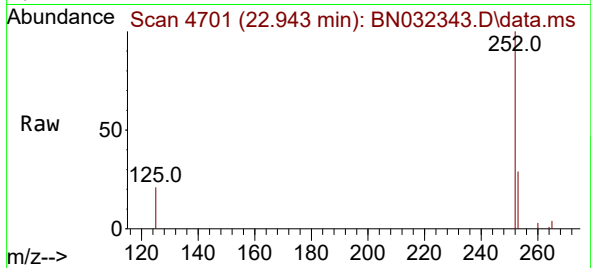




#24
Benzo(b)fluoranthene
Concen: 22.492 ng/ul
RT: 22.943 min Scan# 4701
Delta R.T. 0.159 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

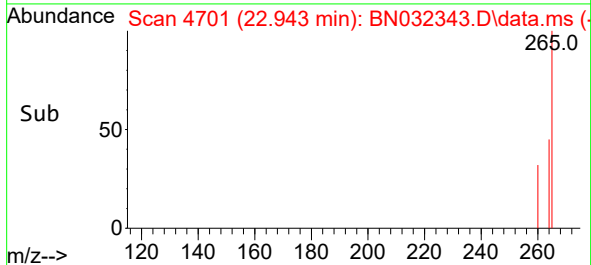
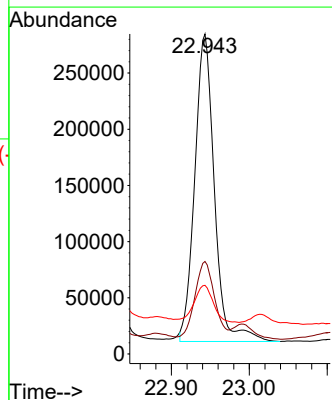
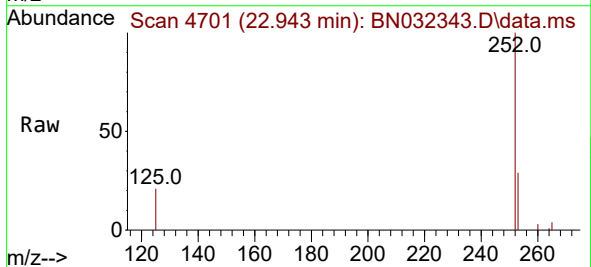
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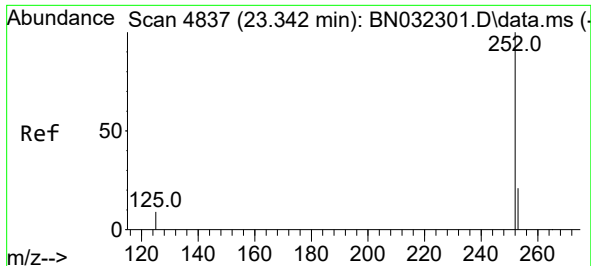
Tgt Ion:252 Resp: 462794
Ion Ratio Lower Upper
252 100
253 28.9 0.0 50.2
125 21.5 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 23.891 ng/ul
RT: 22.943 min Scan# 4701
Delta R.T. 0.116 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:252 Resp: 477619
Ion Ratio Lower Upper
252 100
253 28.9 20.3 30.5
125 21.5 12.8 19.2#

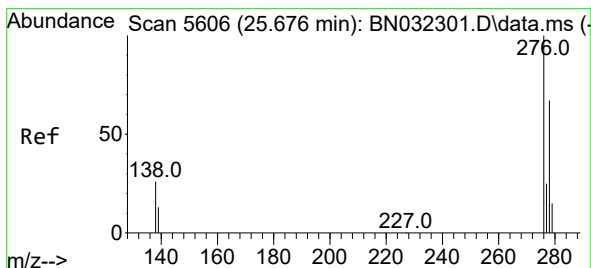
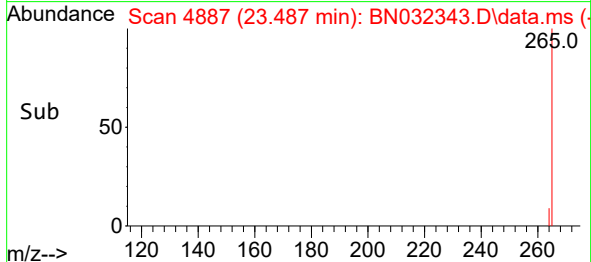
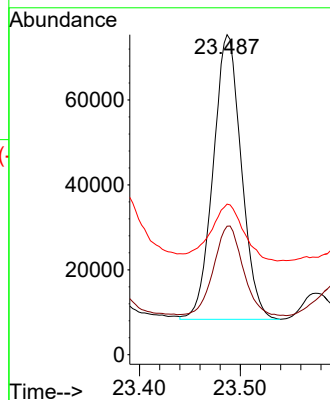
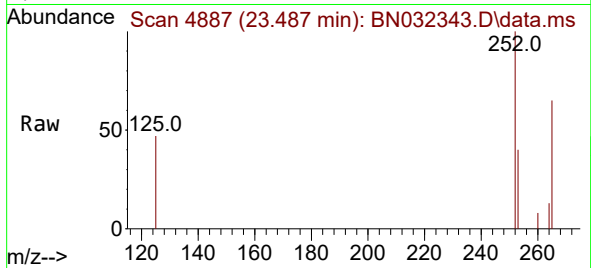




#26
Benzo(a)pyrene
Concen: 9.083 ng/ul
RT: 23.487 min Scan# 4887
Delta R.T. 0.127 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

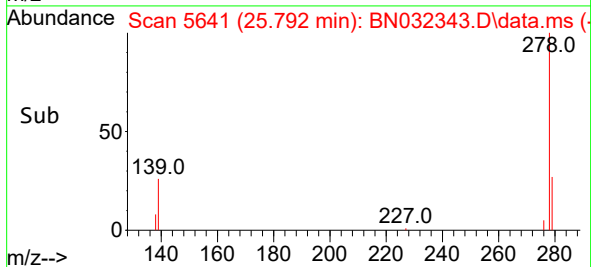
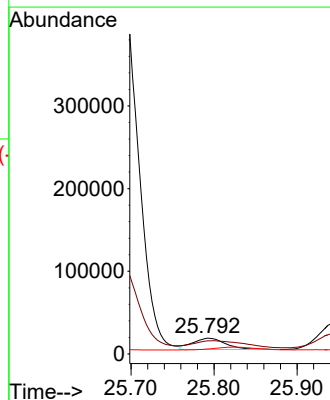
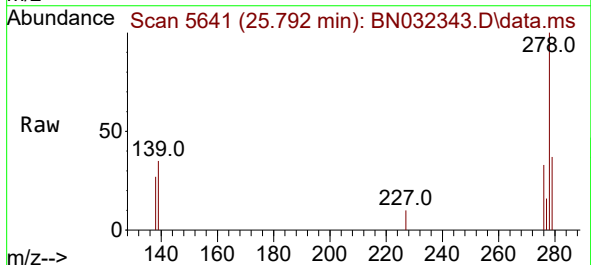
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ClientSampleId :
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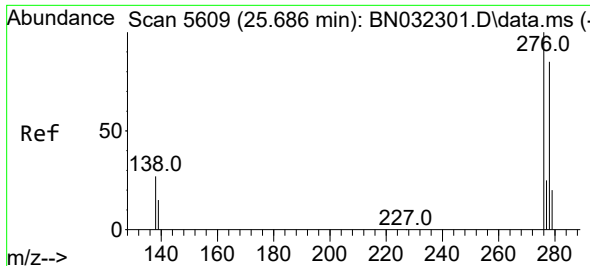
Tgt Ion:252 Resp: 130037
Ion Ratio Lower Upper
252 100
253 40.2 22.2 33.2#
125 47.0 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.705 ng/ul
RT: 25.792 min Scan# 5641
Delta R.T. 0.092 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:276 Resp: 38230
Ion Ratio Lower Upper
276 100
138 89.9 21.3 31.9#
227 0.0 0.1 0.1#

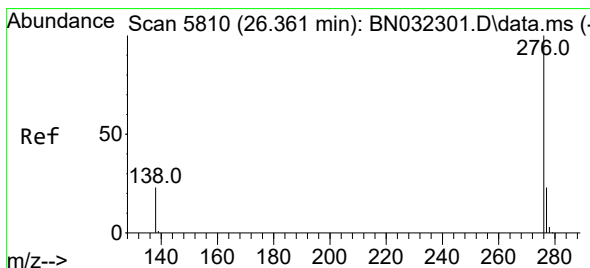
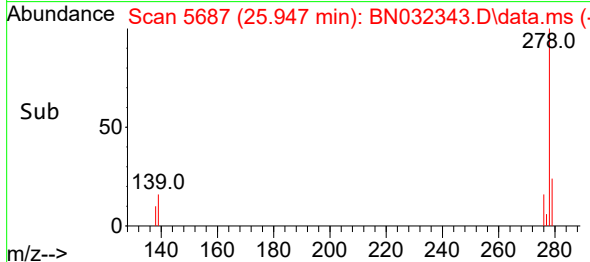
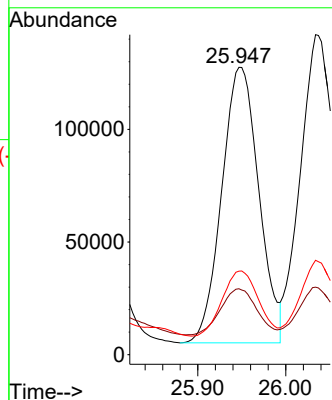
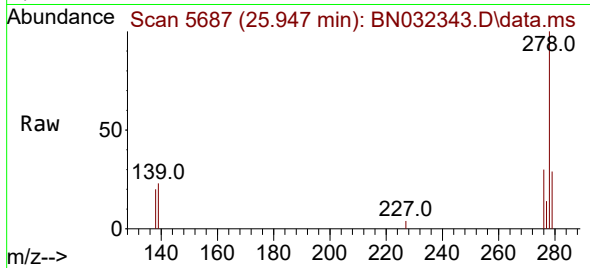




#28
Dibenzo(a,h)anthracene
Concen: 21.540 ng/ul
RT: 25.947 min Scan# 5609
Delta R.T. 0.237 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Tgt Ion:278 Resp: 358750
Ion Ratio Lower Upper
278 100
139 22.9 15.9 23.9
279 29.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.985 ng/ul
RT: 26.597 min Scan# 5881
Delta R.T. 0.217 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:276 Resp: 17592
Ion Ratio Lower Upper
276 100
138 112.5 19.8 29.6#
277 73.6 19.8 29.6#

