

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032456.D
 Acq On : 04 Jul 2024 03:11
 Operator : MA/JU
 Sample : PB161653BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS653

Quant Time: Jul 04 03:38:32 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)

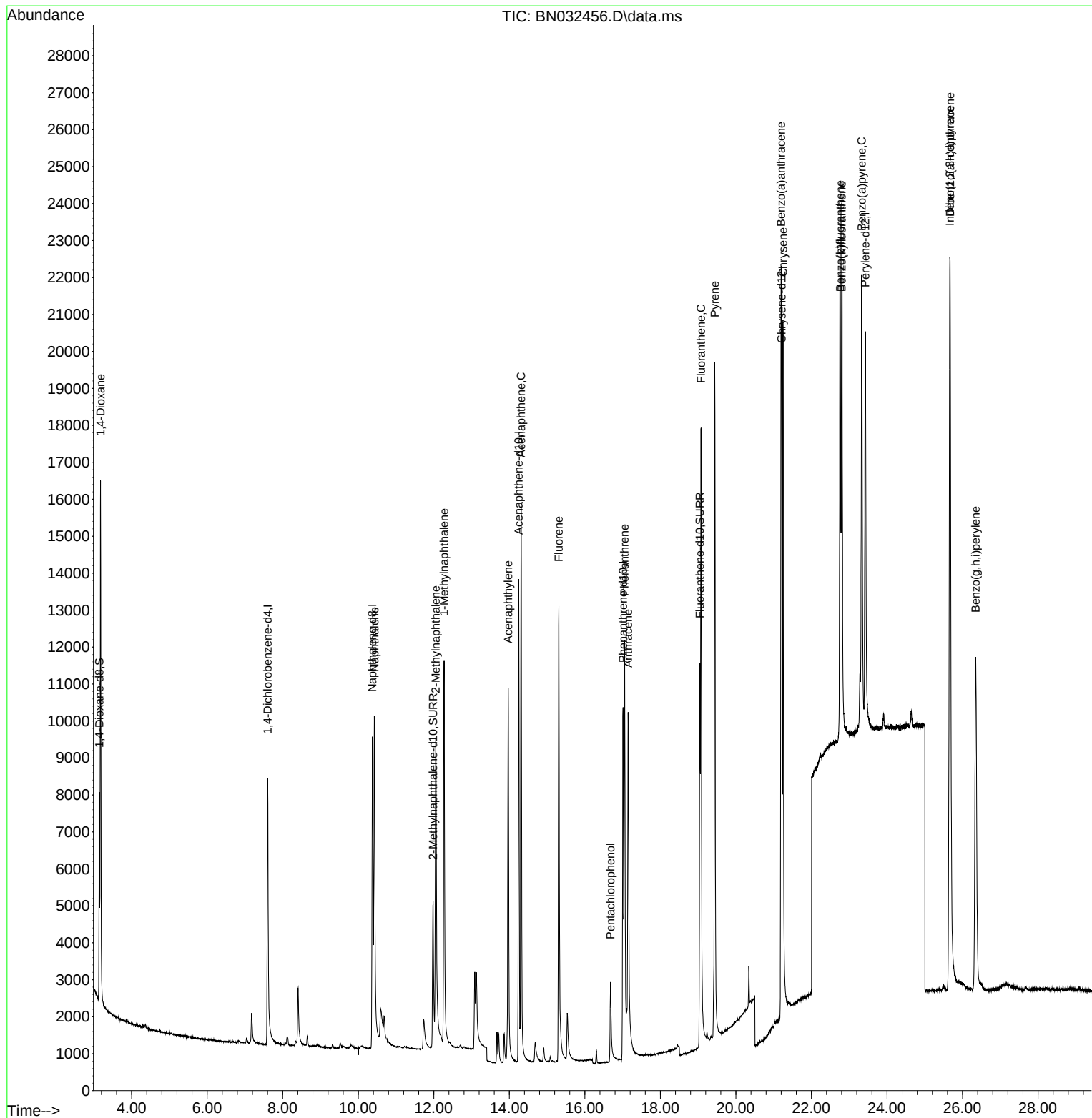
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	4773	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	14858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	8291	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	14566	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	12683	0.400	ng/ul	# 0.00
23) Perylene-d12	23.427	264	15628	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3740	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	7627	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	13563	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	10290	1.704	ng/ul	91
5) Naphthalene	10.426	128	14589	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	8871	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.274	142	8870	0.328	ng/ul	100
10) Acenaphthylene	13.971	152	13913	0.403	ng/ul	99
11) Acenaphthene	14.313	153	9971	0.373	ng/ul	100
12) Fluorene	15.313	166	10398	0.326	ng/ul	99
14) Pentachlorophenol	16.682	266	2449	0.743	ng/ul	98
15) Phenanthrene	17.050	178	14702	0.368	ng/ul	99
16) Anthracene	17.147	178	13910	0.391	ng/ul	97
19) Fluoranthene	19.078	202	17132	0.355	ng/ul	98
20) Pyrene	19.440	202	17977	0.356	ng/ul	98
21) Benzo(a)anthracene	21.197	228	17571	0.384	ng/ul	97
22) Chrysene	21.247	228	18360	0.365	ng/ul	95
24) Benzo(b)fluoranthene	22.760	252	19974	0.294	ng/ul	85
25) Benzo(k)fluoranthene	22.804	252	20403	0.309	ng/ul#	85
26) Benzo(a)pyrene	23.330	252	19437	0.411	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.663	276	24964	0.337	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.670	278	19816	0.361	ng/ul#	89
29) Benzo(g,h,i)perylene	26.350	276	20402	0.346	ng/ul	93

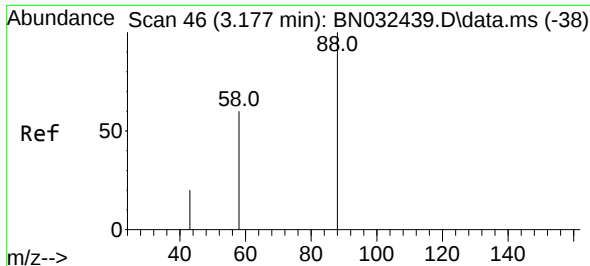
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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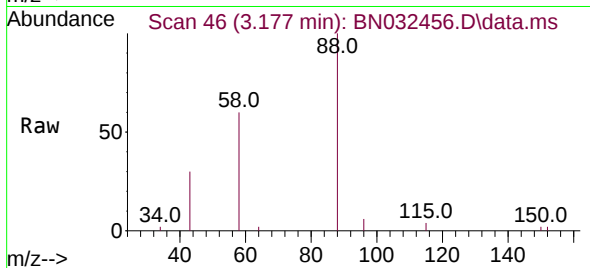
Quant Time: Jul 04 03:38:32 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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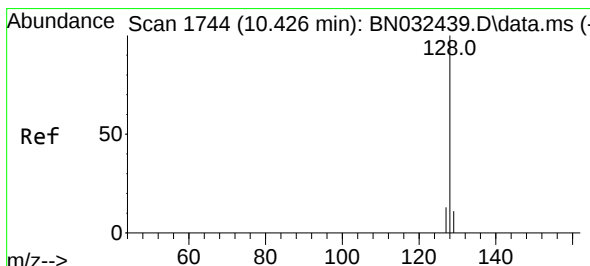
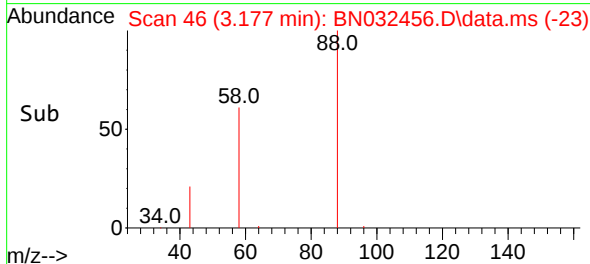
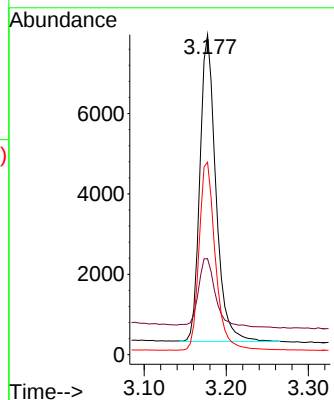
#2
1,4-Dioxane
Concen: 1.704 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. -0.004 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Instrument :
BNA_N
ClientSampleId :
SLCS653



Tgt Ion: 88 Resp: 10290

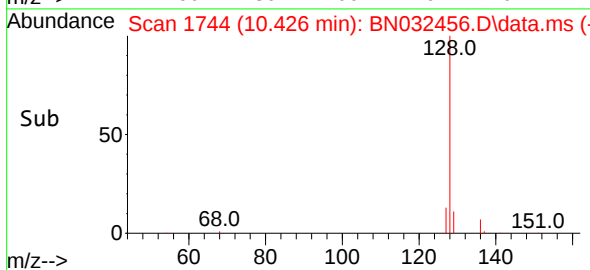
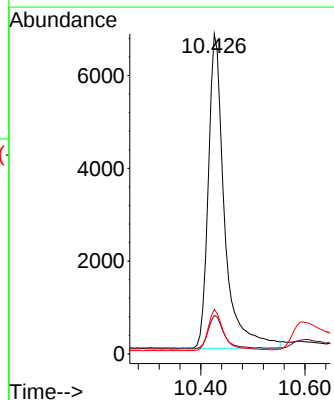
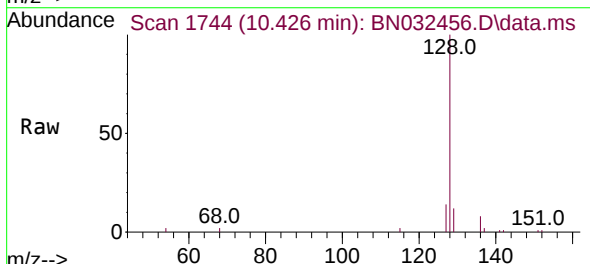
Ion	Ratio	Lower	Upper
88	100		
43	30.0	28.4	42.6
58	60.1	43.3	64.9

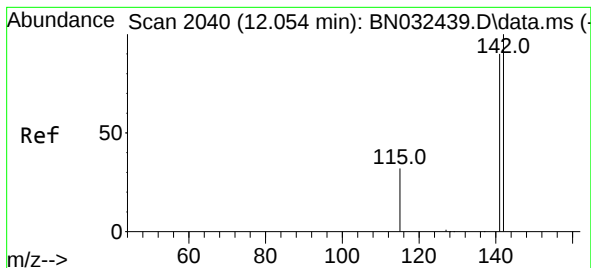


#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion: 128 Resp: 14589

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.9	10.8	16.2

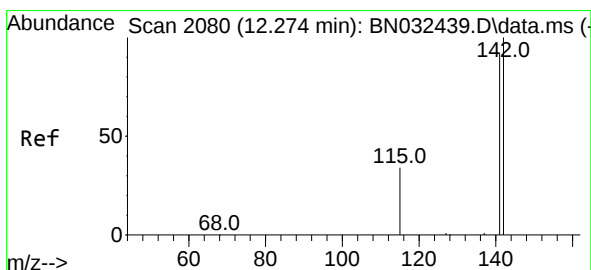
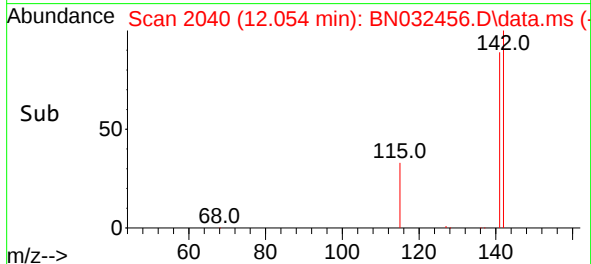
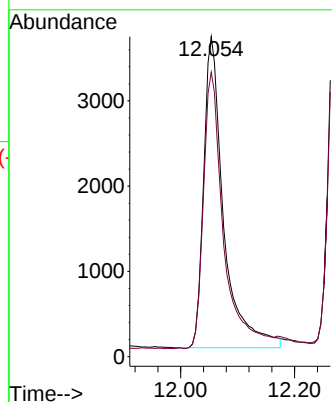
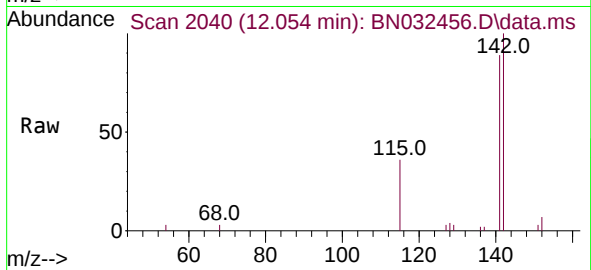




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

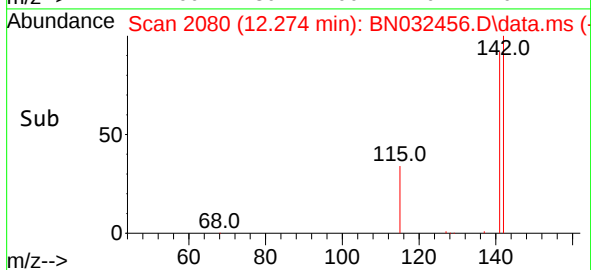
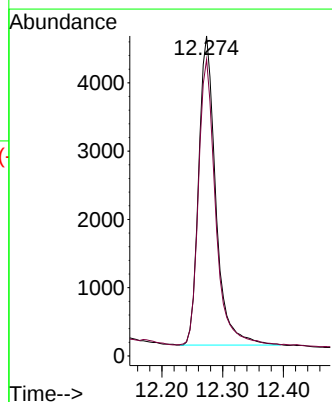
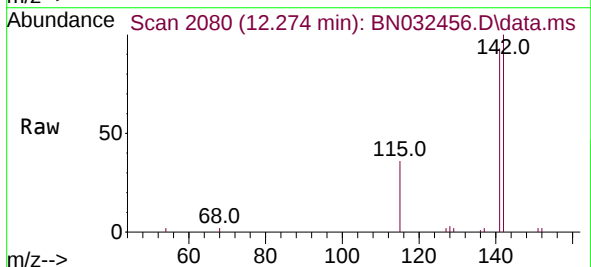
Instrument :
BNA_N
ClientSampleId :
SLCS653

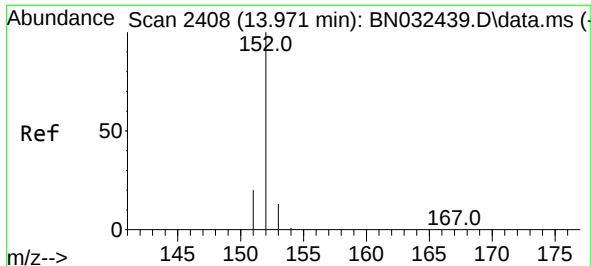
Tgt Ion:142 Resp: 8871
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:142 Resp: 8870
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

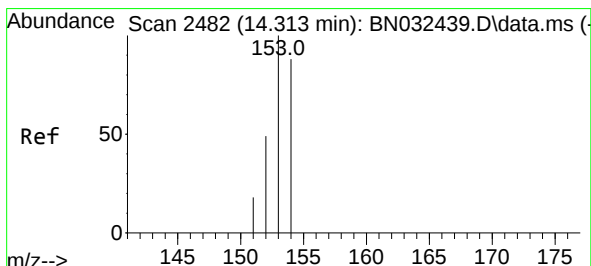
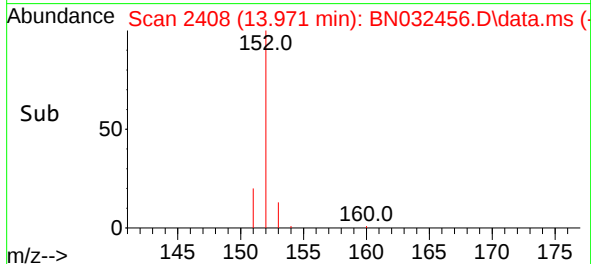
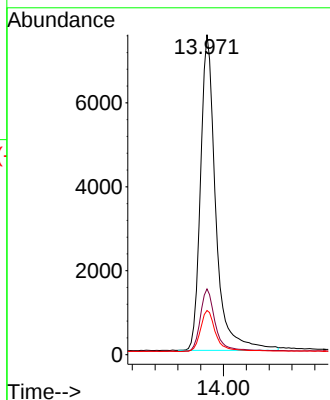
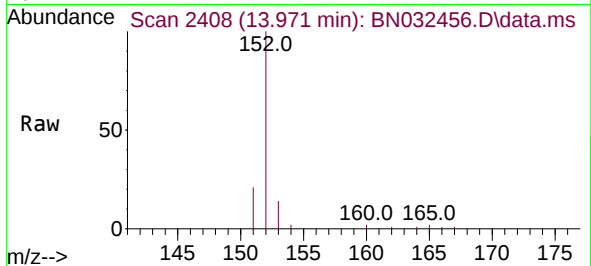




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

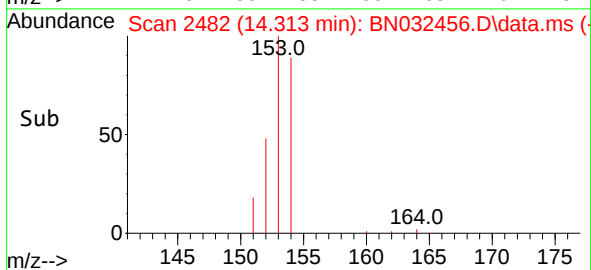
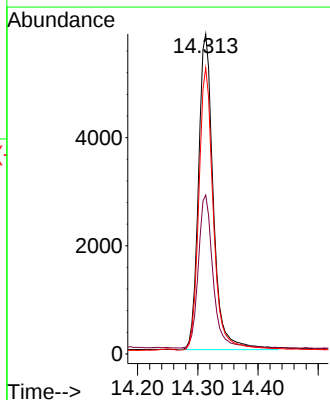
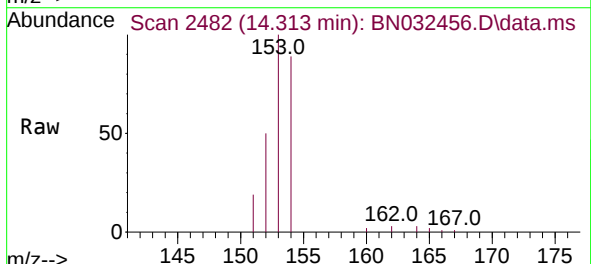
Instrument :
BNA_N
ClientSampleId :
SLCS653

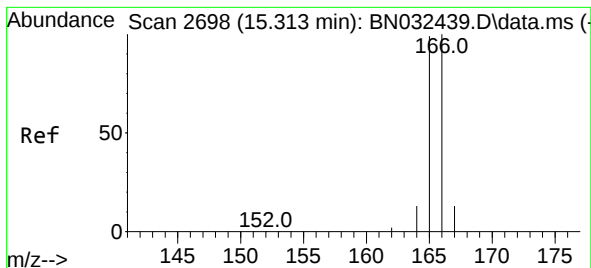
Tgt Ion:152 Resp: 13913
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:153 Resp: 9971
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 89.4 71.7 107.5





#12

Fluorene

Concen: 0.326 ng/ul

RT: 15.313 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN032456.D

Acq: 04 Jul 2024 03:11

Instrument :

BNA_N

ClientSampleId :

SLCS653

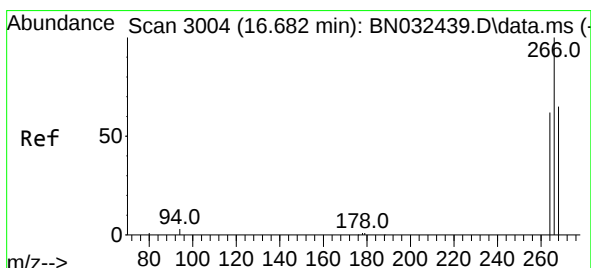
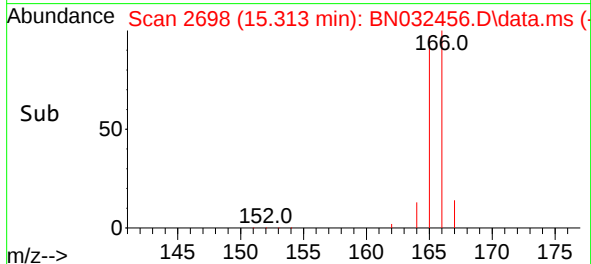
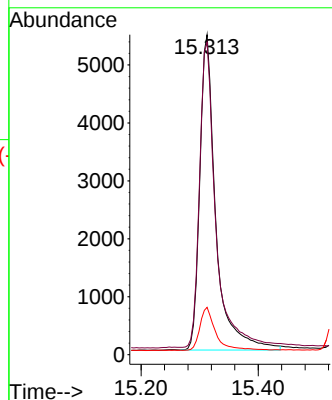
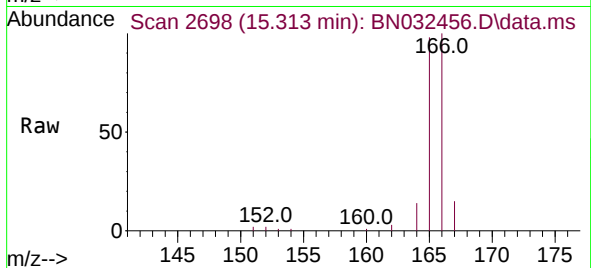
Tgt Ion:166 Resp: 10398

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.6

167 14.8 11.0 16.6



#14

Pentachlorophenol

Concen: 0.743 ng/ul

RT: 16.682 min Scan# 3004

Delta R.T. 0.008 min

Lab File: BN032456.D

Acq: 04 Jul 2024 03:11

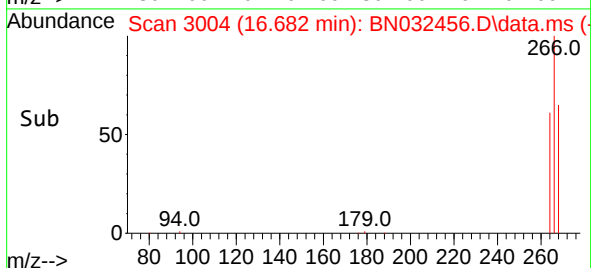
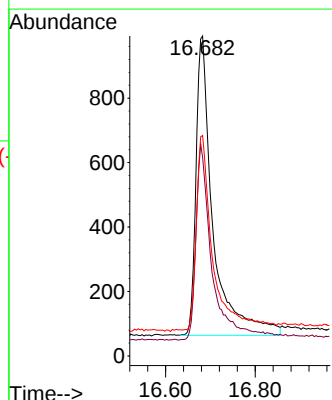
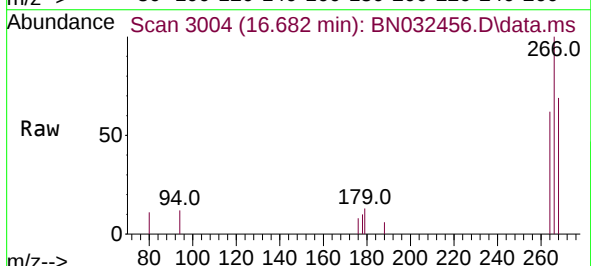
Tgt Ion:266 Resp: 2449

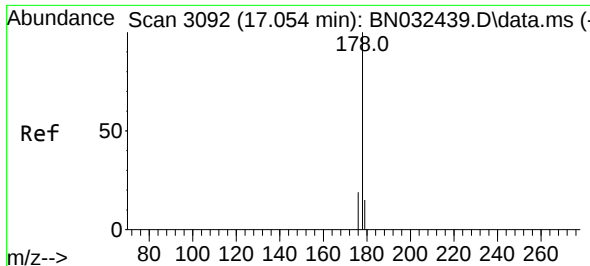
Ion Ratio Lower Upper

266 100

264 63.1 49.9 74.9

268 63.5 52.4 78.6

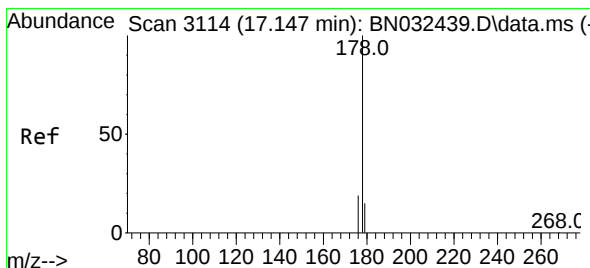
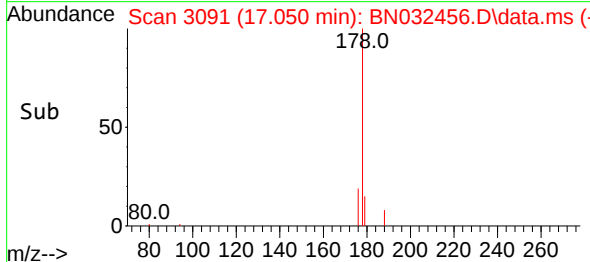
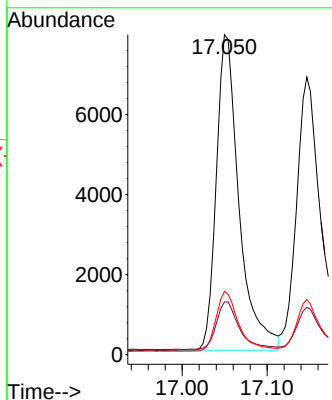
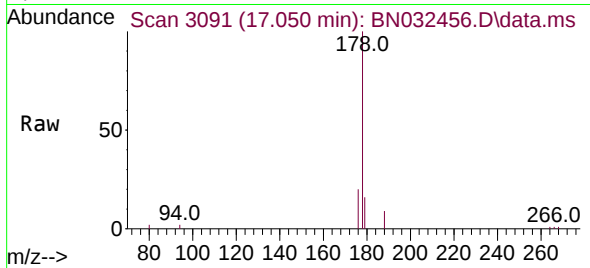




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.050 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

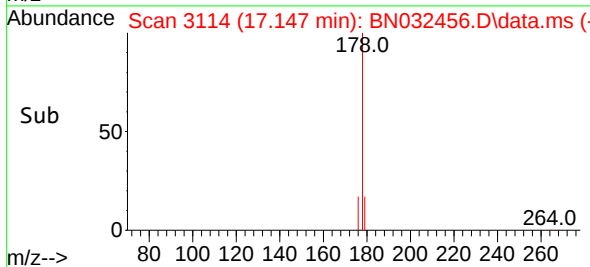
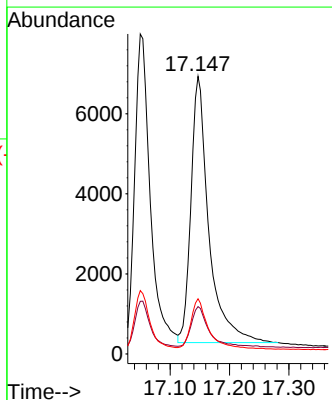
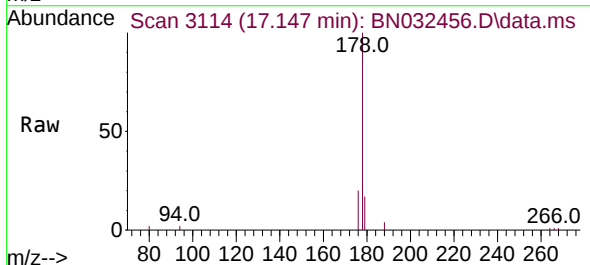
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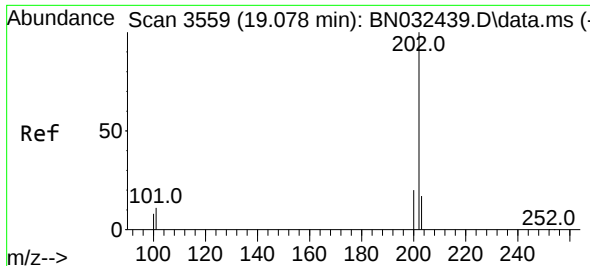
Tgt Ion:178 Resp: 14702
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:178 Resp: 13910
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 19.9 15.0 22.6

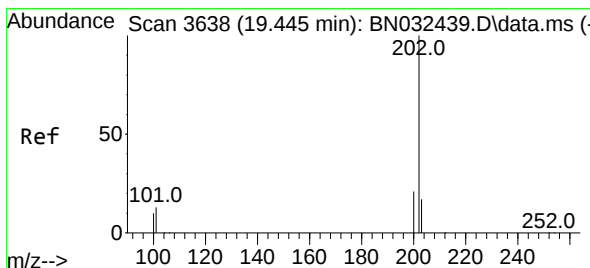
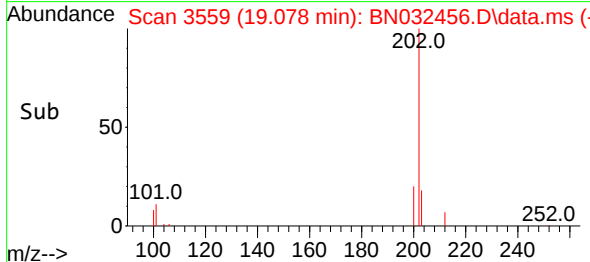
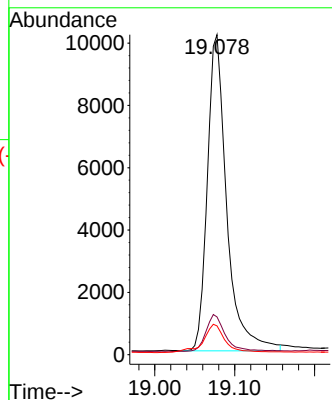
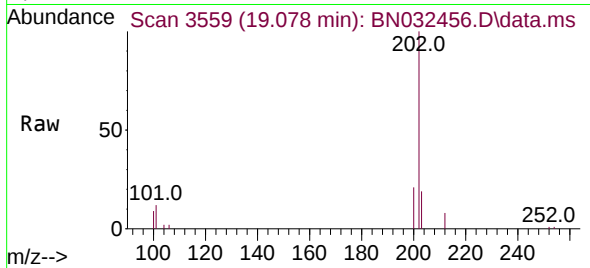




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

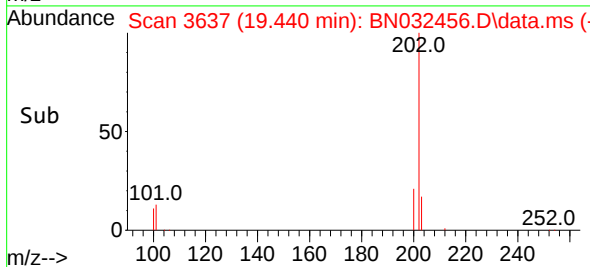
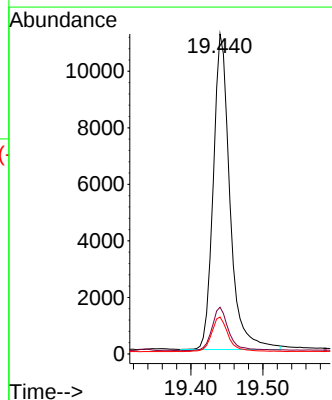
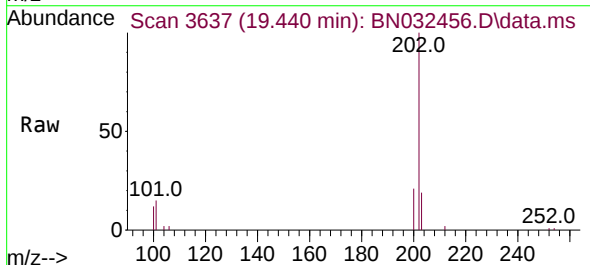
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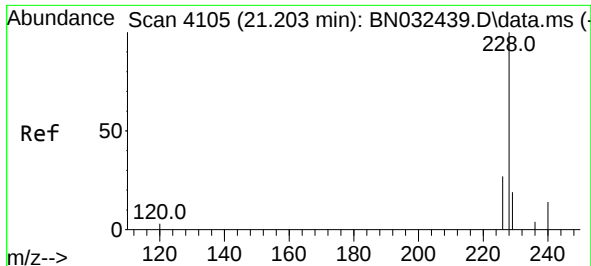
Tgt Ion:202 Resp: 17132
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 9.0 6.4 9.6



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:202 Resp: 17977
Ion Ratio Lower Upper
202 100
101 14.6 11.0 16.4
100 11.5 8.7 13.1

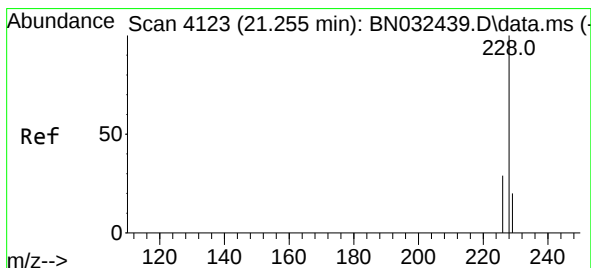
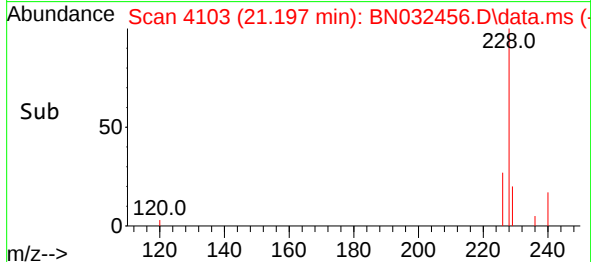
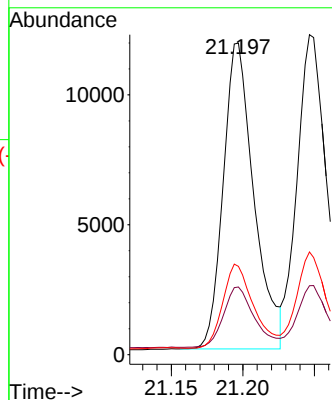
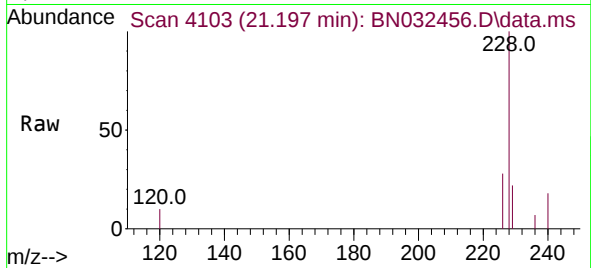




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.197 min Scan# 4105
Delta R.T. 0.006 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

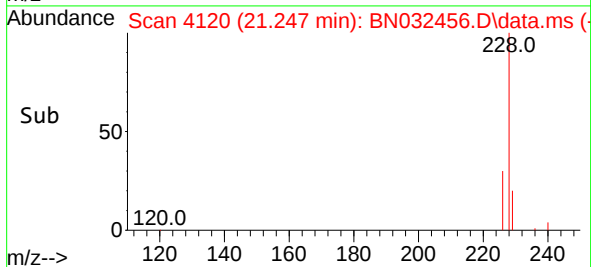
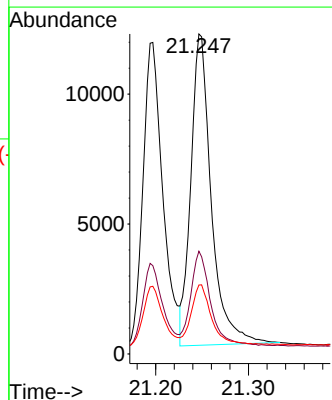
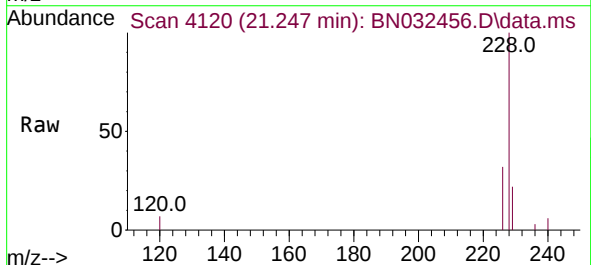
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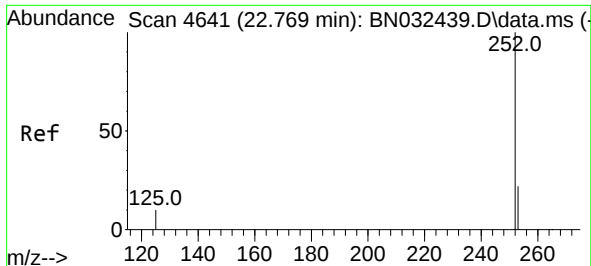
Tgt Ion:228 Resp: 17571
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.4 21.8 32.8



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:228 Resp: 18360
Ion Ratio Lower Upper
228 100
226 32.1 23.6 35.4
229 21.5 15.7 23.5

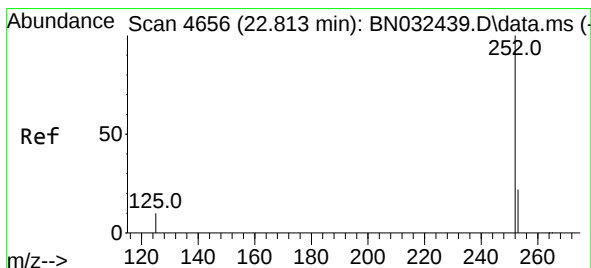
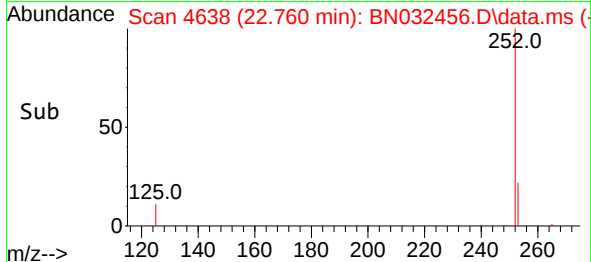
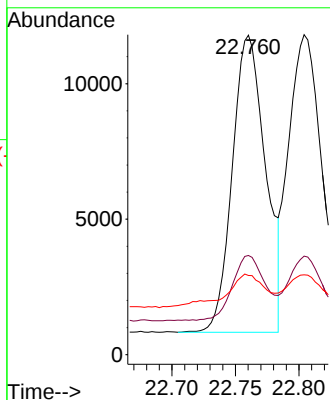
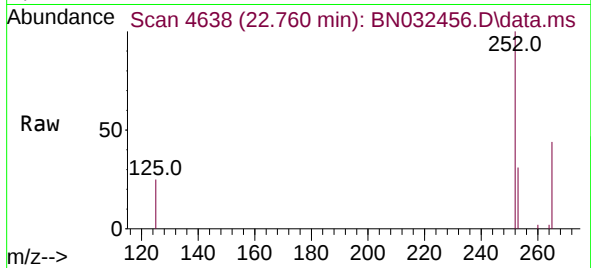




#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

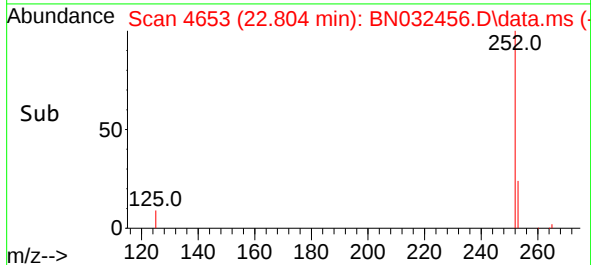
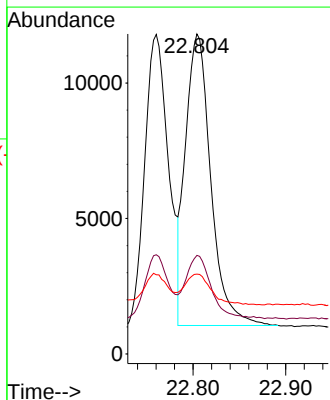
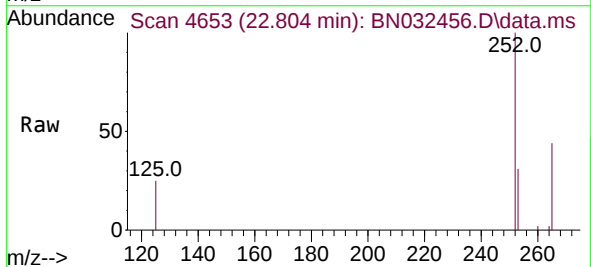
Instrument :
BNA_N
ClientSampleId :
SLCS653

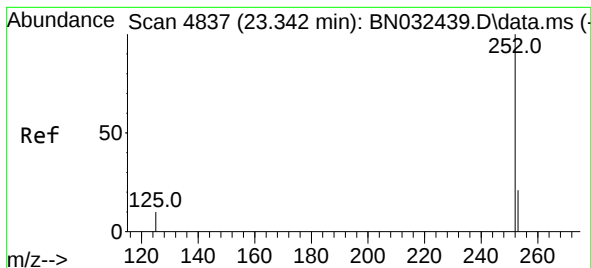
Tgt Ion:252 Resp: 19974
Ion Ratio Lower Upper
252 100
253 31.1 0.0 50.2
125 24.8 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032456.D
Acq: 04 Jul 2024 03:11

Tgt Ion:252 Resp: 20403
Ion Ratio Lower Upper
252 100
253 30.8 20.3 30.5#
125 25.0 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.330 min Scan# 4833

Delta R.T. 0.003 min

Lab File: BN032456.D

Acq: 04 Jul 2024 03:11

Instrument :

BNA_N

ClientSampleId :

SLCS653

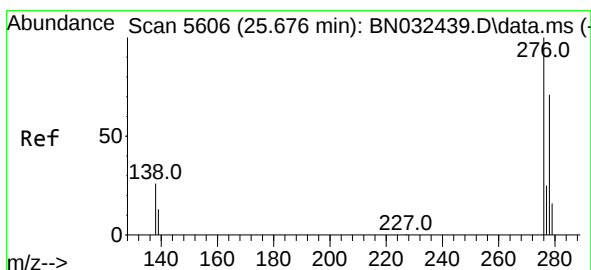
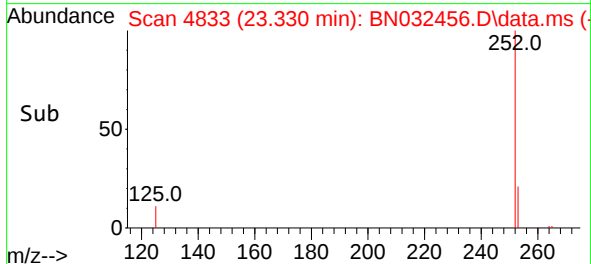
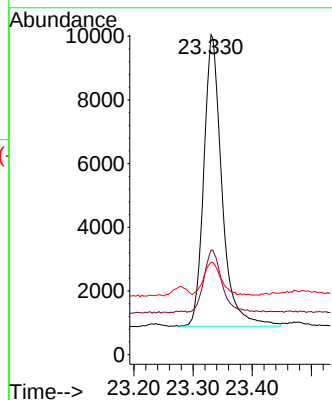
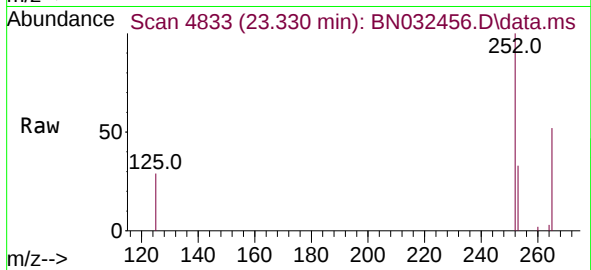
Tgt Ion:252 Resp: 19437

Ion Ratio Lower Upper

252 100

253 32.7 22.2 33.2

125 28.9 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.337 ng/ul

RT: 25.663 min Scan# 5602

Delta R.T. 0.003 min

Lab File: BN032456.D

Acq: 04 Jul 2024 03:11

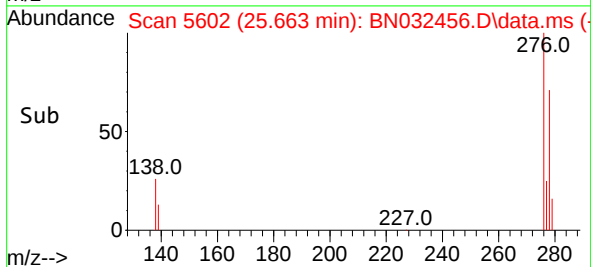
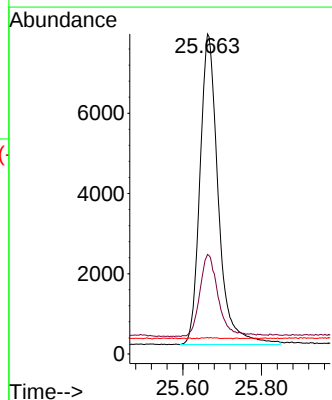
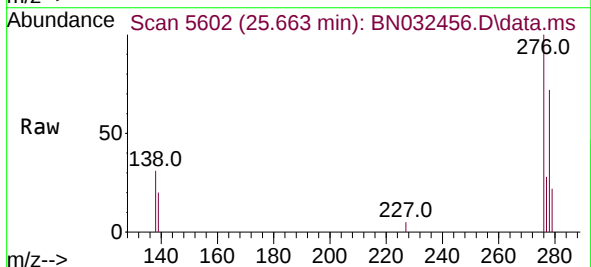
Tgt Ion:276 Resp: 24964

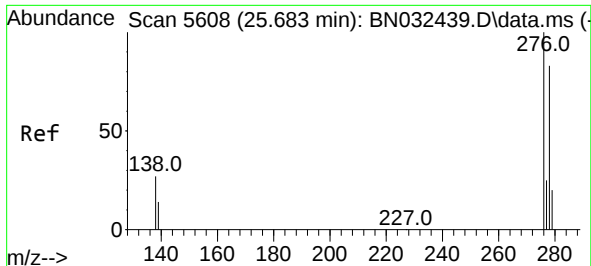
Ion Ratio Lower Upper

276 100

138 26.4 21.3 31.9

227 0.2 0.1 0.1#

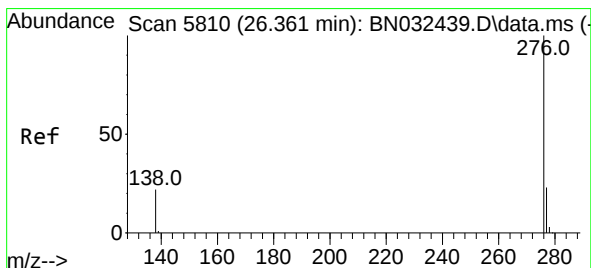
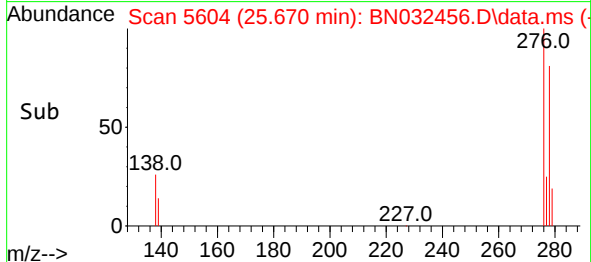
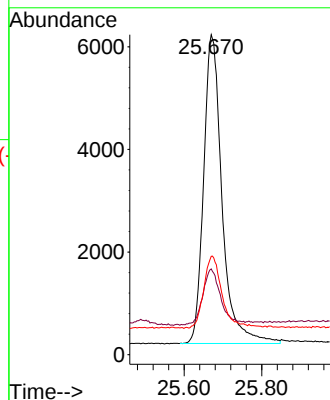
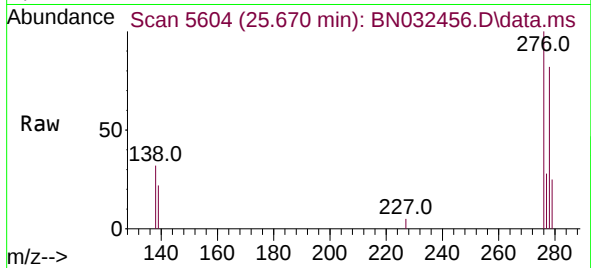




#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 25.670 min Scan# 5604
 Delta R.T. 0.003 min
 Lab File: BN032456.D
 Acq: 04 Jul 2024 03:11

Instrument :
 BNA_N
 ClientSampleId :
 SLCS653

Tgt Ion:278 Resp: 19816
 Ion Ratio Lower Upper
 278 100
 139 26.8 15.9 23.9#
 279 30.8 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.346 ng/ul
 RT: 26.350 min Scan# 5807
 Delta R.T. 0.007 min
 Lab File: BN032456.D
 Acq: 04 Jul 2024 03:11

Tgt Ion:276 Resp: 20402
 Ion Ratio Lower Upper
 276 100
 138 28.6 19.8 29.6
 277 27.8 19.8 29.6

