

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032985.D
 Acq On : 25 Jul 2024 23:11
 Operator : MA/JU
 Sample : PB162101BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS101

Quant Time: Jul 26 01:19:32 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

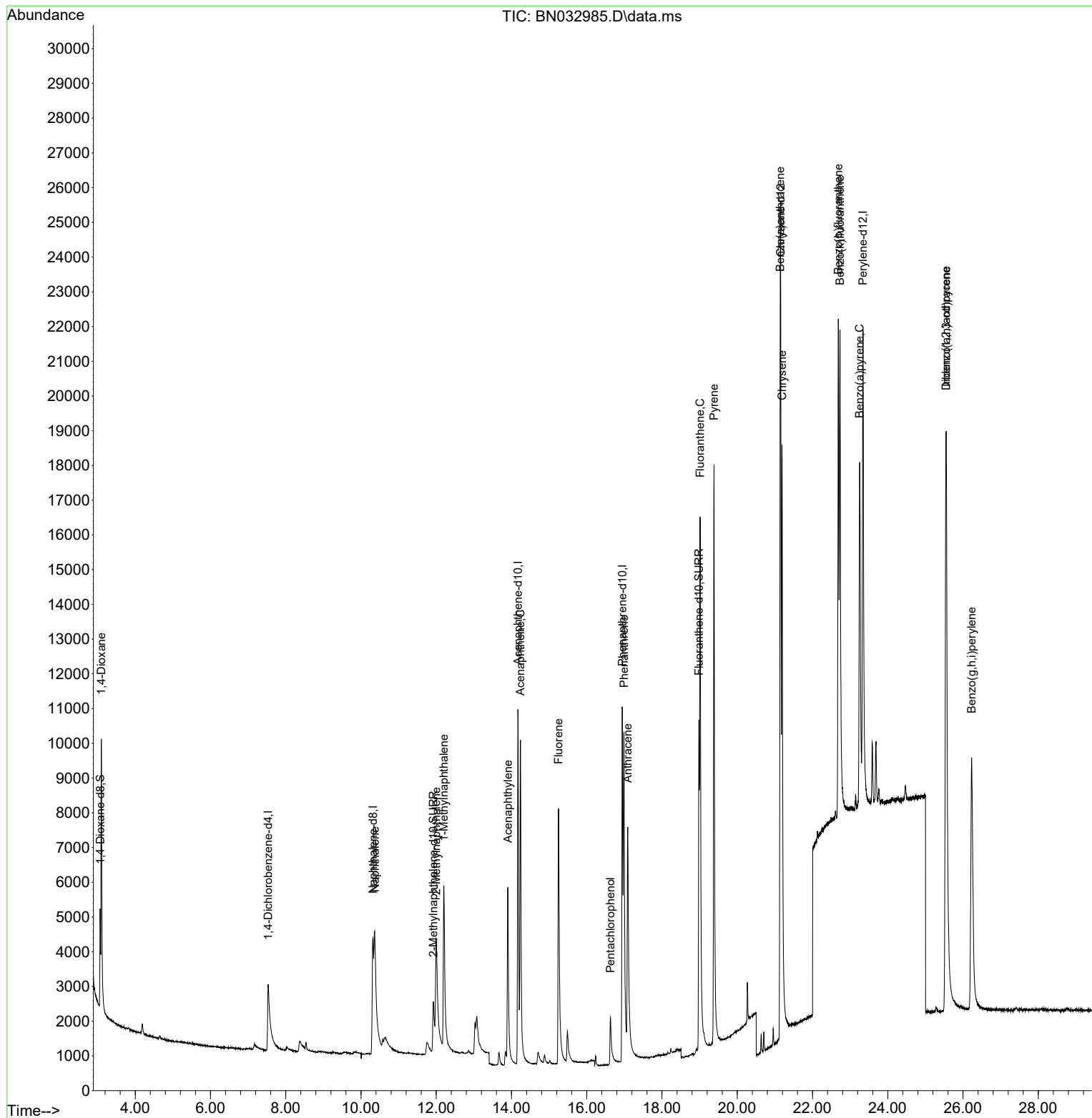
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.533	152	2899	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	11098	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.171	164	8026	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	18345	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	17906	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	21722	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	2028	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	4798	0.265	ng/ul	0.01
18) Fluoranthene-d10	18.981	212	14626	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	5980	1.430	ng/ul#	72
5) Naphthalene	10.366	128	8544	0.300	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	5406	0.280	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	5610	0.269	ng/ul	98
10) Acenaphthylene	13.902	152	9240	0.281	ng/ul	99
11) Acenaphthene	14.236	153	7464	0.302	ng/ul	99
12) Fluorene	15.249	166	8218	0.285	ng/ul	99
14) Pentachlorophenol	16.629	266	1834	0.491	ng/ul	99
15) Phenanthrene	16.987	178	13397	0.272	ng/ul	100
16) Anthracene	17.089	178	12040	0.272	ng/ul	100
19) Fluoranthene	19.014	202	17827	0.302	ng/ul	99
20) Pyrene	19.381	202	19287	0.305	ng/ul	98
21) Benzo(a)anthracene	21.139	228	17053	0.279	ng/ul	99
22) Chrysene	21.189	228	21508	0.302	ng/ul	99
24) Benzo(b)fluoranthene	22.685	252	19409	0.306	ng/ul	97
25) Benzo(k)fluoranthene	22.729	252	22916	0.301	ng/ul	96
26) Benzo(a)pyrene	23.252	252	19978	0.335	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.550	276	24684	0.272	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.547	278	19289	0.268	ng/ul	99
29) Benzo(g,h,i)perylene	26.228	276	19523	0.271	ng/ul	99

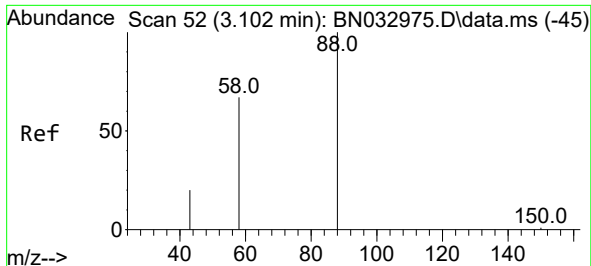
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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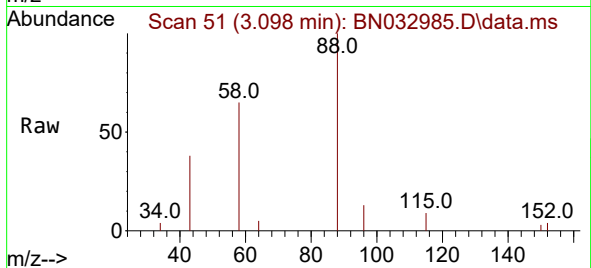
Quant Time: Jul 26 01:19:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



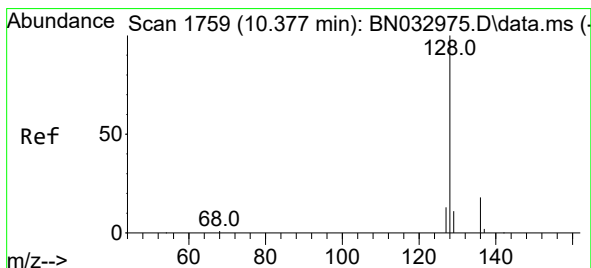
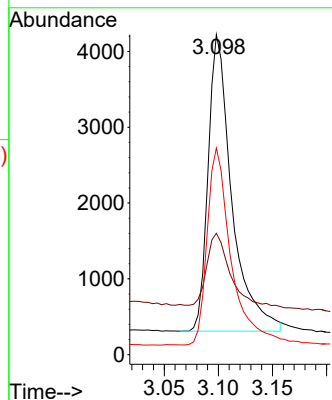
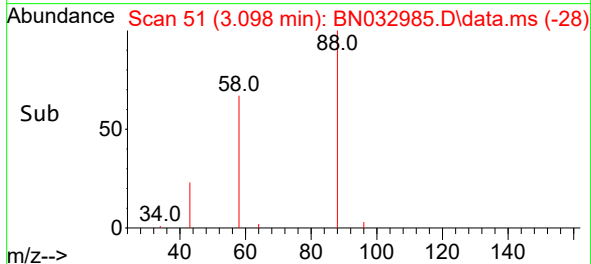


#2
1,4-Dioxane
Concen: 1.430 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Instrument :
BNA_N
ClientSampleId :
SLCS101

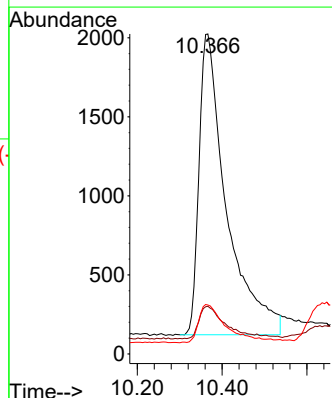
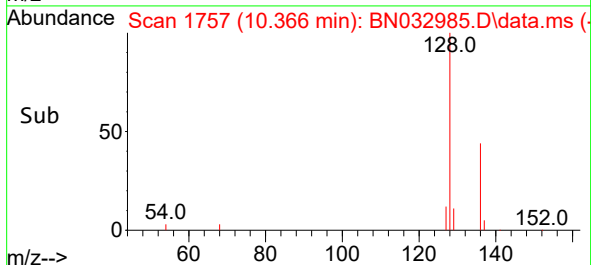
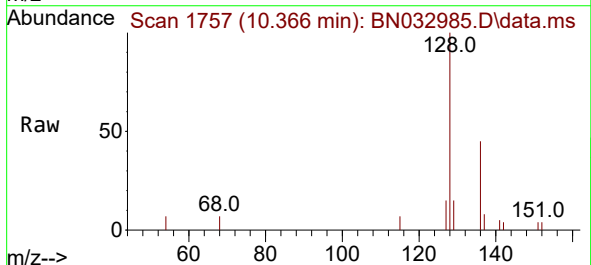


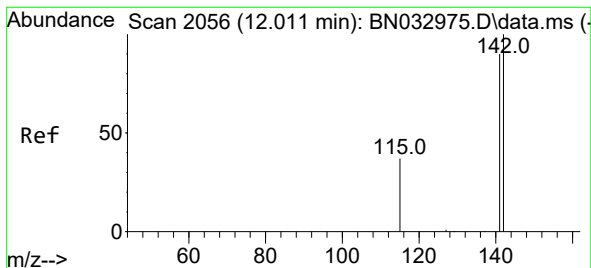
Tgt Ion: 88 Resp: 5980
Ion Ratio Lower Upper
88 100
43 38.0 63.4 95.2#
58 64.6 49.4 74.0



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. 0.017 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion: 128 Resp: 8544
Ion Ratio Lower Upper
128 100
129 14.9 12.0 18.0
127 15.3 12.7 19.1

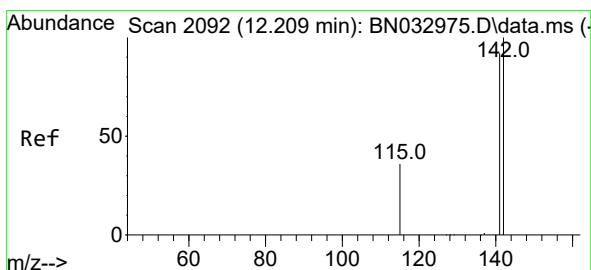
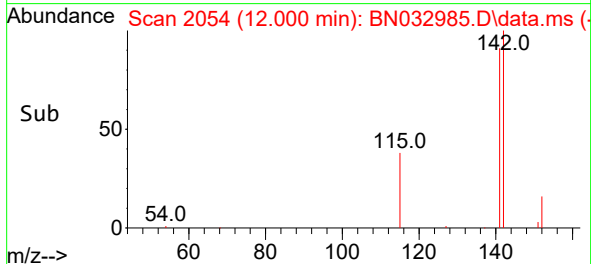
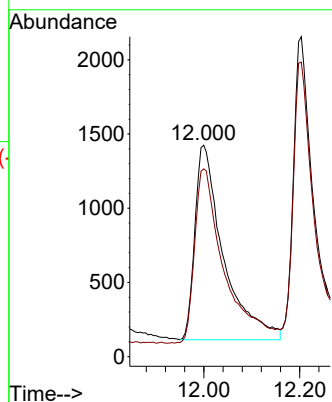
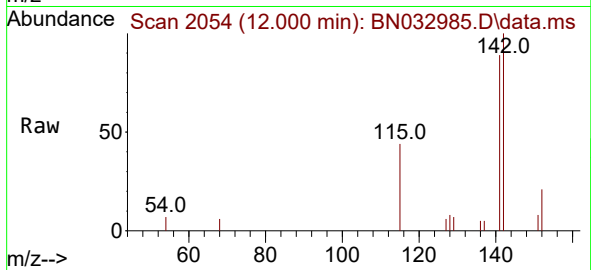




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. 0.017 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

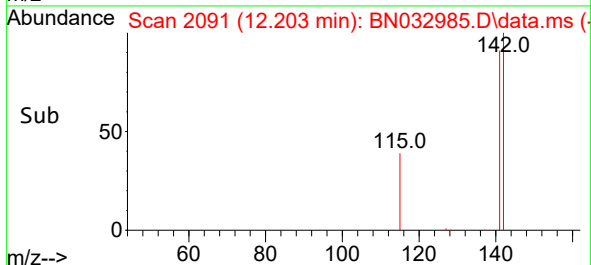
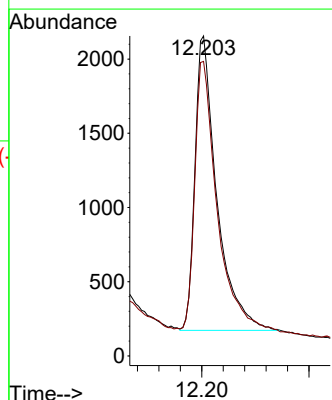
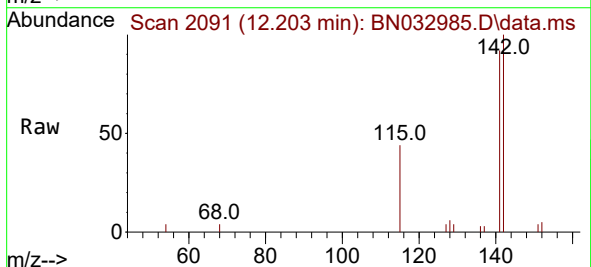
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BNA_N
ClientSampleId :
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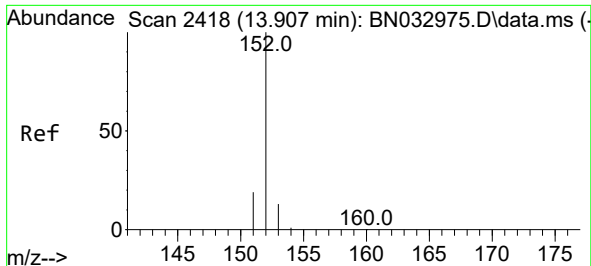
Tgt Ion:142 Resp: 5406
Ion Ratio Lower Upper
142 100
141 94.2 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:142 Resp: 5610
Ion Ratio Lower Upper
142 100
141 94.9 74.3 111.5

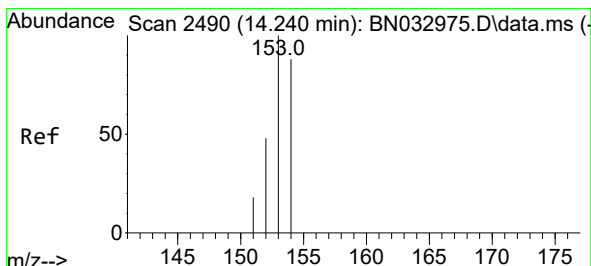
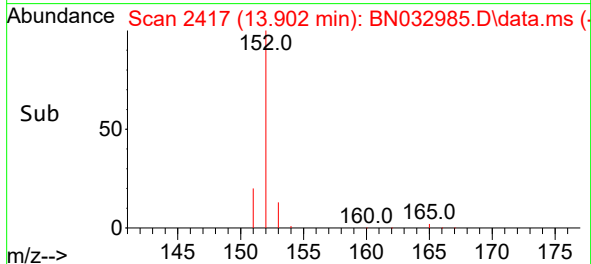
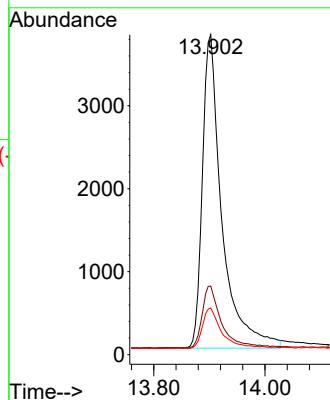
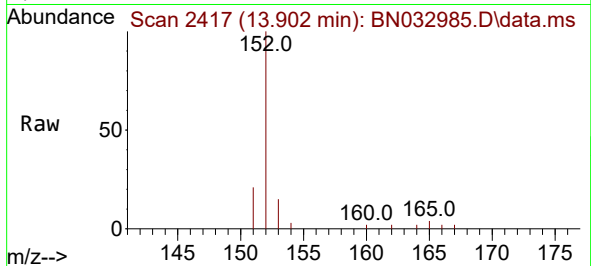




#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 13.902 min Scan# 2418
Delta R.T. 0.005 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

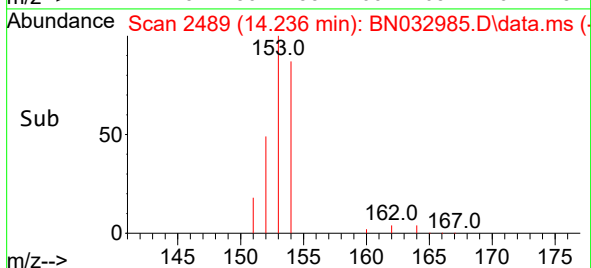
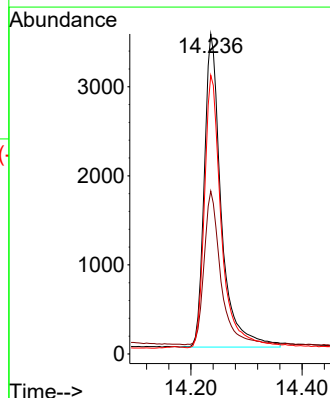
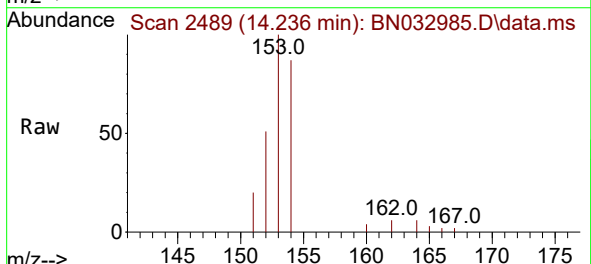
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SLCS101

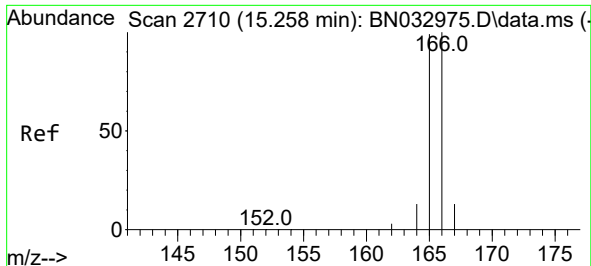
Tgt Ion:152 Resp: 9240
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:153 Resp: 7464
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 87.1 70.1 105.1

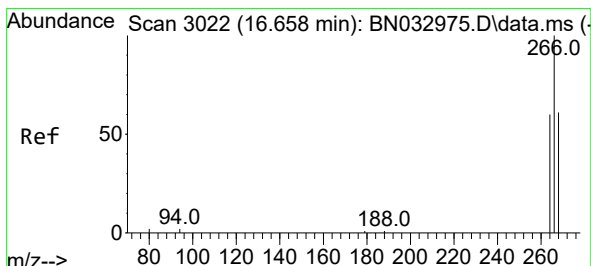
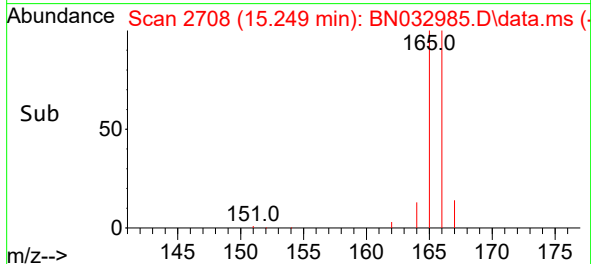
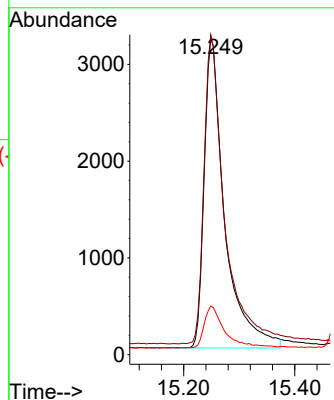
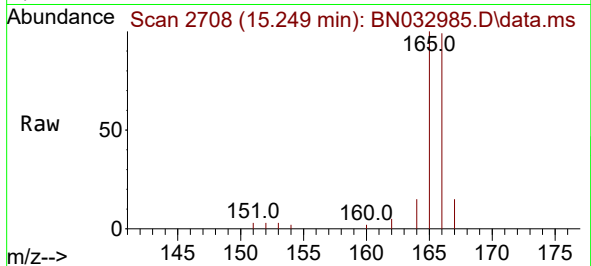




#12
 Fluorene
 Concen: 0.285 ng/ul
 RT: 15.249 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN032985.D
 Acq: 25 Jul 2024 23:11

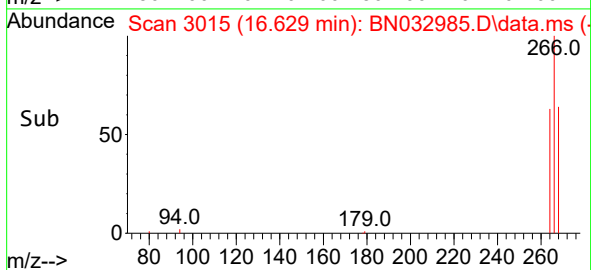
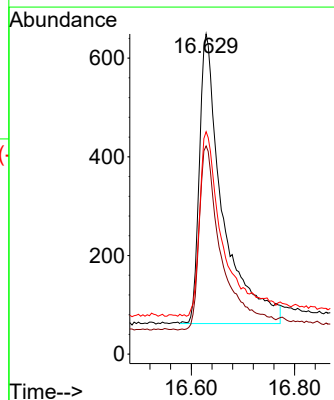
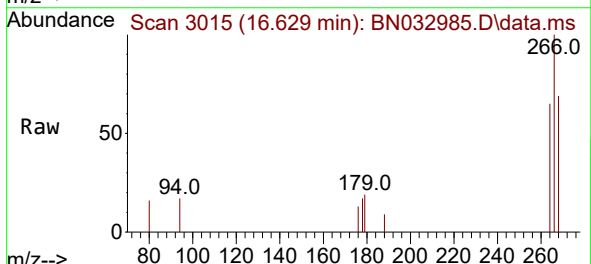
Instrument :
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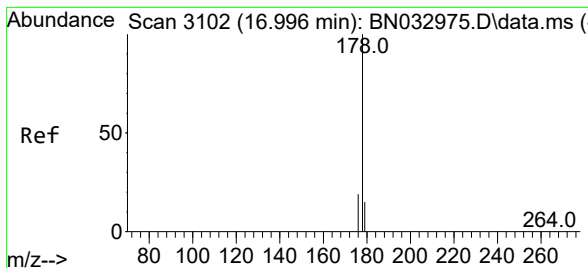
Tgt Ion:166 Resp: 8218
 Ion Ratio Lower Upper
 166 100
 165 101.2 79.6 119.4
 167 15.4 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.491 ng/ul
 RT: 16.629 min Scan# 3015
 Delta R.T. -0.008 min
 Lab File: BN032985.D
 Acq: 25 Jul 2024 23:11

Tgt Ion:266 Resp: 1834
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.3 73.9
 268 64.9 51.8 77.8





#15

Phenanthrene

Concen: 0.272 ng/ul

RT: 16.987 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BN032985.D

Acq: 25 Jul 2024 23:11

Instrument :

BNA_N

ClientSampleId :

SLCS101

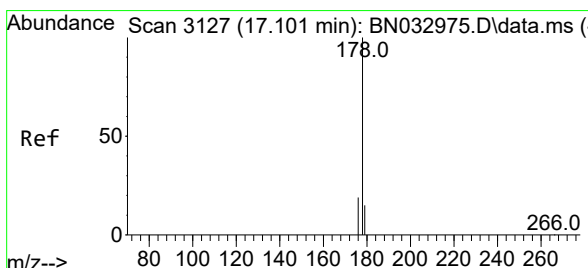
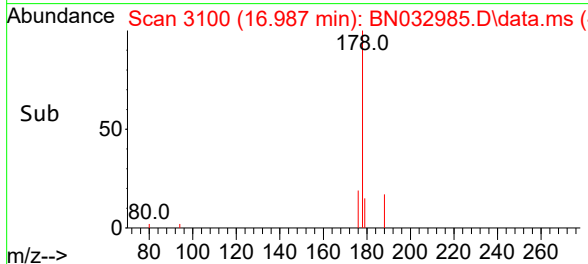
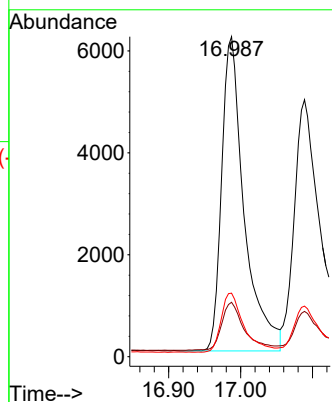
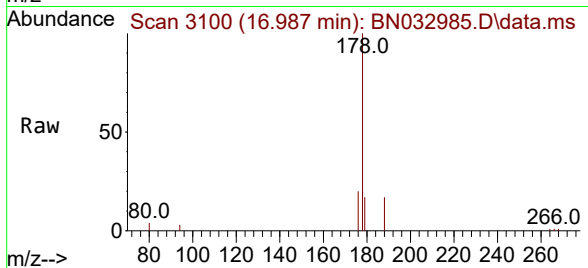
Tgt Ion:178 Resp: 13397

Ion Ratio Lower Upper

178 100

179 17.0 13.7 20.5

176 19.8 15.9 23.9



#16

Anthracene

Concen: 0.272 ng/ul

RT: 17.089 min Scan# 3124

Delta R.T. 0.004 min

Lab File: BN032985.D

Acq: 25 Jul 2024 23:11

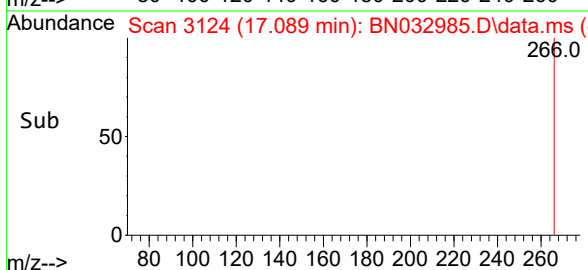
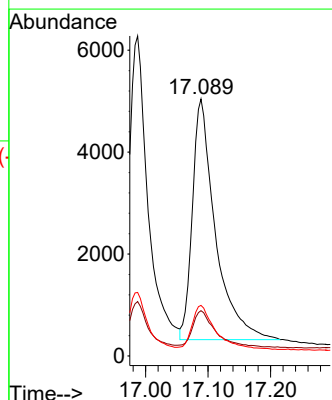
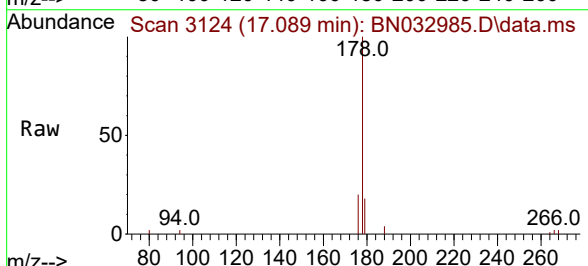
Tgt Ion:178 Resp: 12040

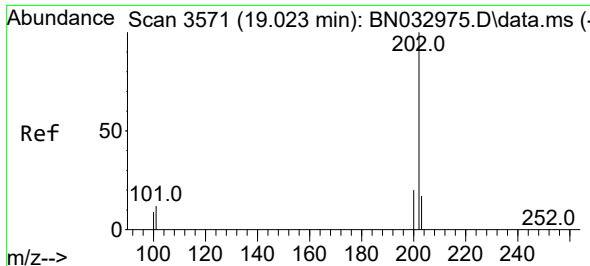
Ion Ratio Lower Upper

178 100

179 17.6 14.3 21.5

176 19.7 15.8 23.8

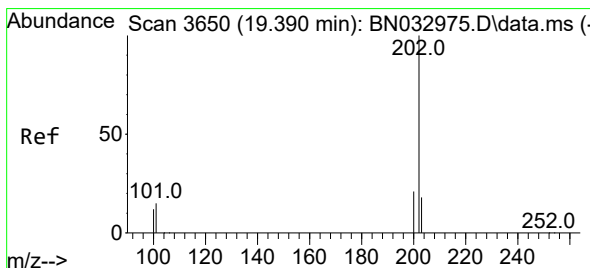
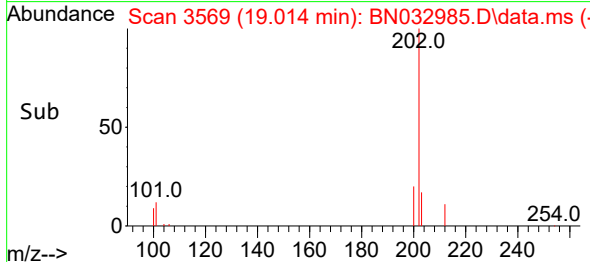
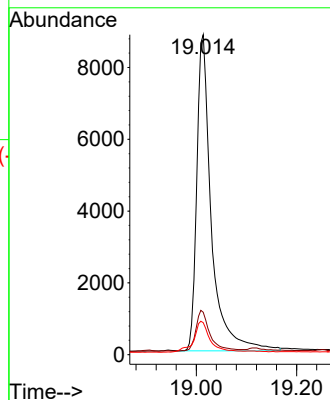
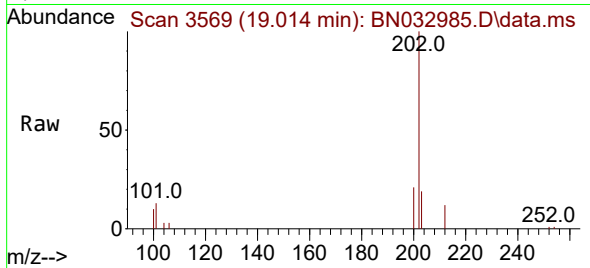




#19
Fluoranthene
Concen: 0.302 ng/ul
RT: 19.014 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

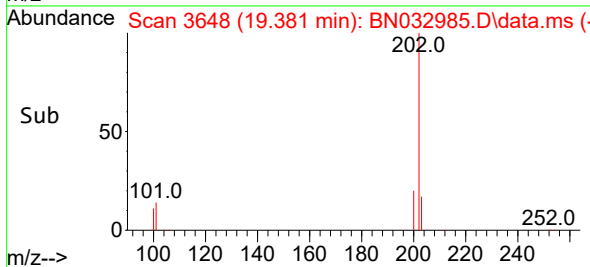
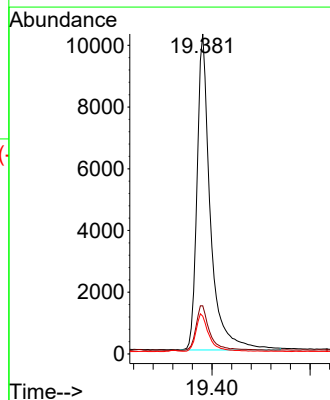
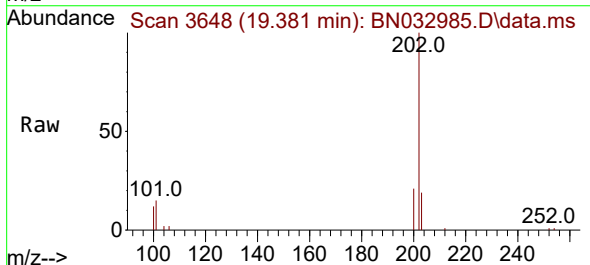
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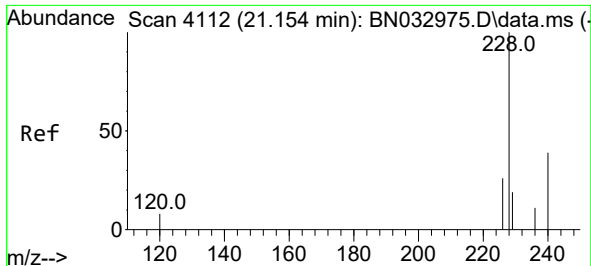
Tgt Ion:202 Resp: 17827
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.0 8.3 12.5



#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:202 Resp: 19287
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 11.8 9.9 14.9

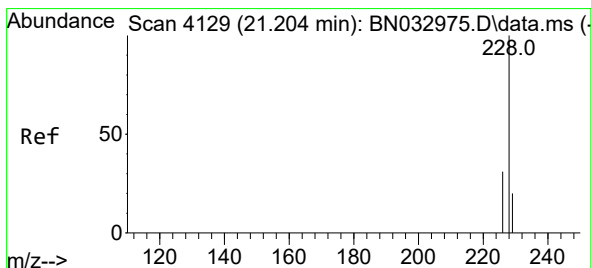
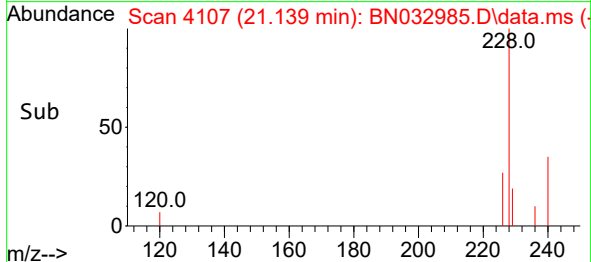
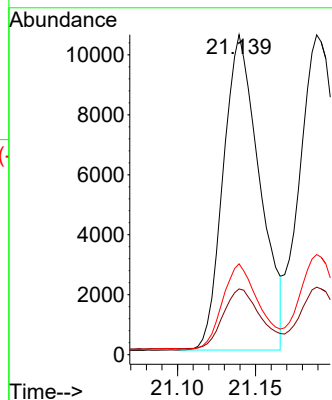
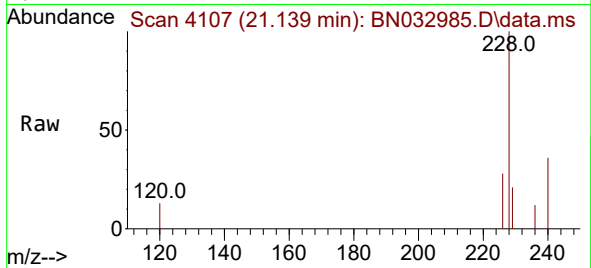




#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.139 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

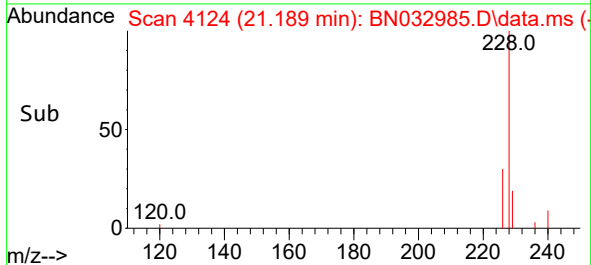
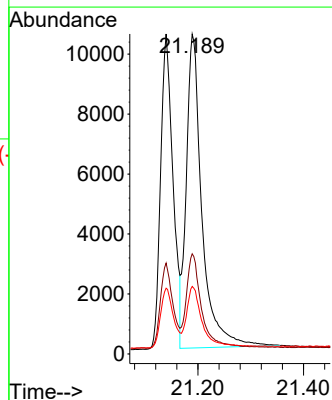
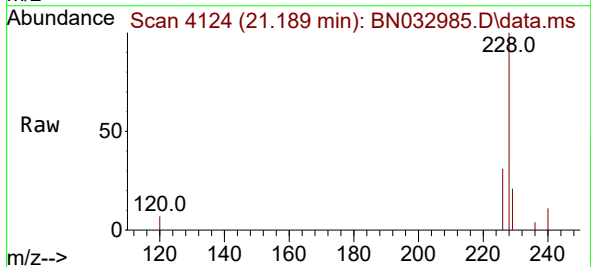
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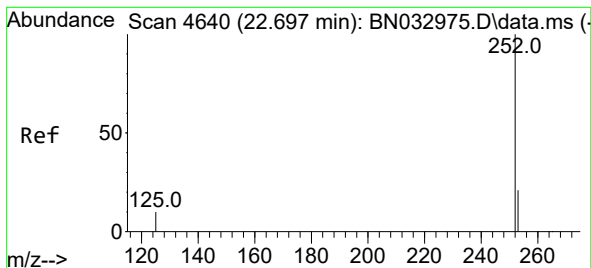
Tgt Ion:228 Resp: 17053
Ion Ratio Lower Upper
228 100
229 20.6 17.1 25.7
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:228 Resp: 21508
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 21.1 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.306 ng/ul

RT: 22.685 min Scan# 4636

Delta R.T. -0.009 min

Lab File: BN032985.D

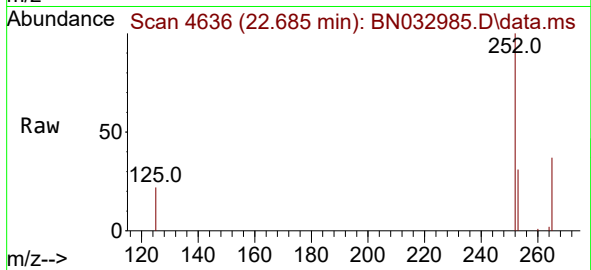
Acq: 25 Jul 2024 23:11

Instrument :

BNA_N

ClientSampleId :

SLCS101



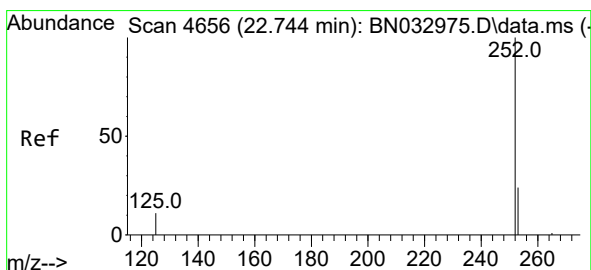
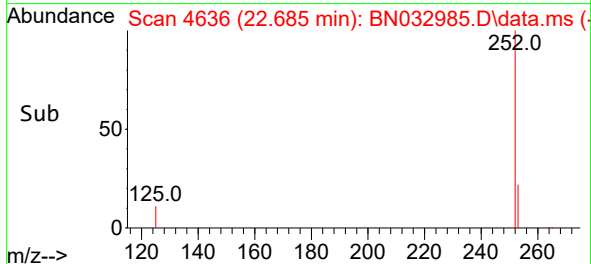
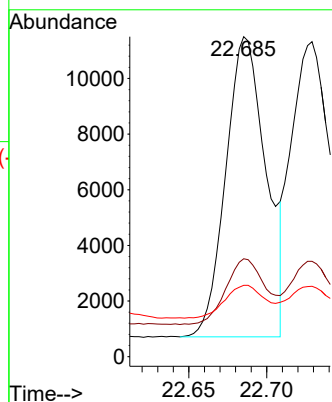
Tgt Ion:252 Resp: 19409

Ion Ratio Lower Upper

252 100

253 30.6 0.0 60.6

125 22.3 0.0 51.0



#25

Benzo(k)fluoranthene

Concen: 0.301 ng/ul

RT: 22.729 min Scan# 4651

Delta R.T. -0.006 min

Lab File: BN032985.D

Acq: 25 Jul 2024 23:11

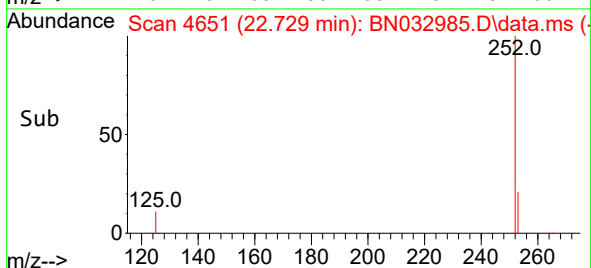
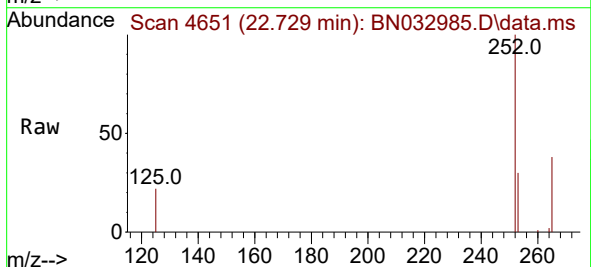
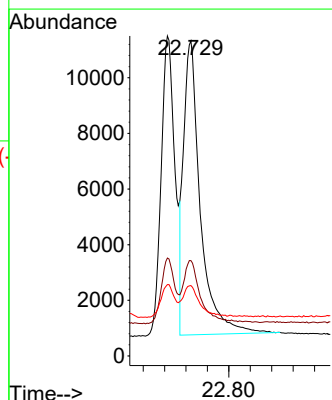
Tgt Ion:252 Resp: 22916

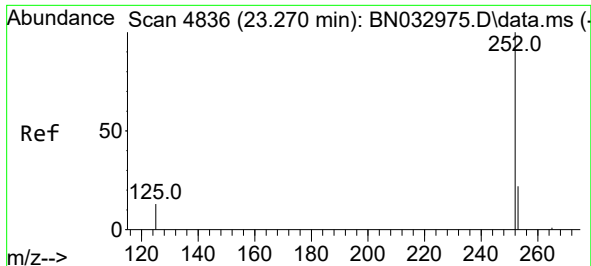
Ion Ratio Lower Upper

252 100

253 30.2 24.9 37.3

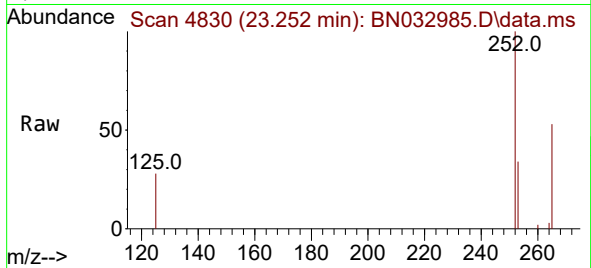
125 22.4 20.9 31.3



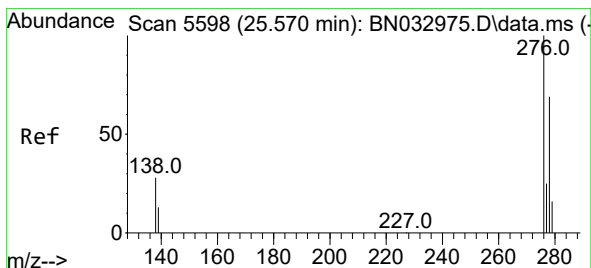
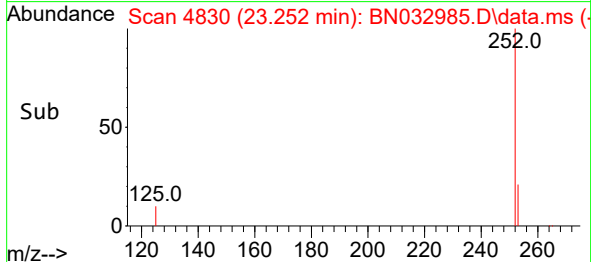
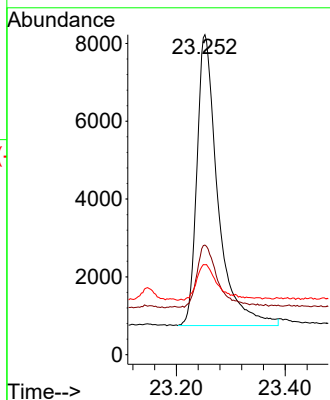


#26
Benzo(a)pyrene
Concen: 0.335 ng/ul
RT: 23.252 min Scan# 4830
Delta R.T. -0.009 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Instrument :
BNA_N
ClientSampleId :
SLCS101

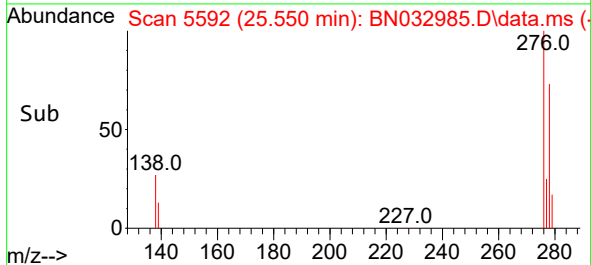
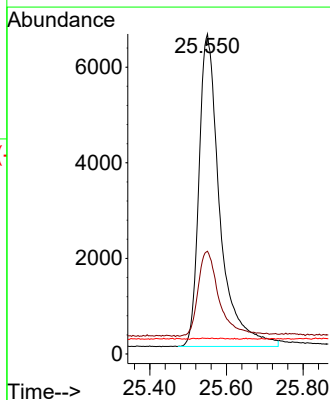
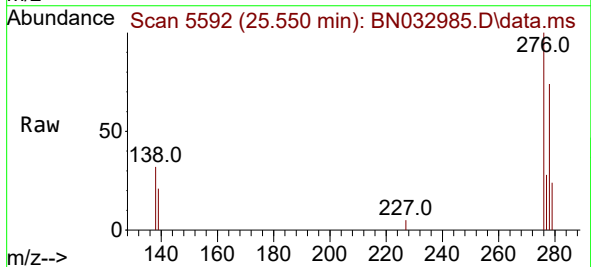


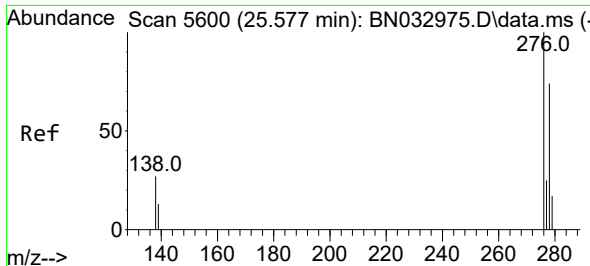
Tgt Ion:252 Resp: 19978
Ion Ratio Lower Upper
252 100
253 34.2 27.5 41.3
125 28.1 27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 25.550 min Scan# 5592
Delta R.T. -0.010 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:276 Resp: 24684
Ion Ratio Lower Upper
276 100
138 28.1 21.8 32.8
227 0.1 0.2 0.2#

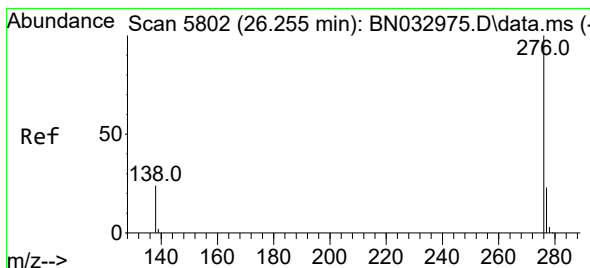
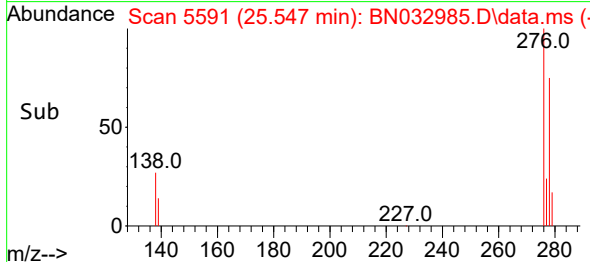
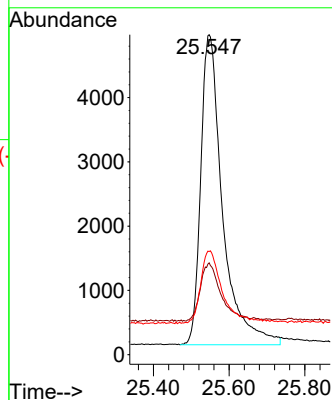
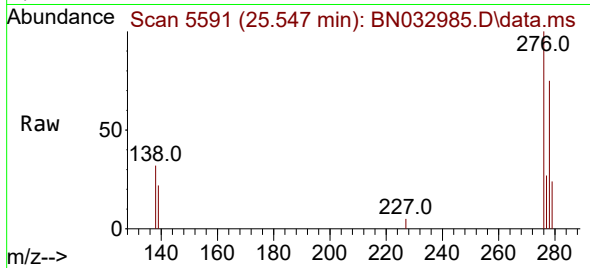




#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 25.547 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Instrument :
BNA_N
ClientSampleId :
SLCS101

Tgt Ion:278 Resp: 19289
Ion Ratio Lower Upper
278 100
139 28.7 22.5 33.7
279 32.3 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.271 ng/ul
RT: 26.228 min Scan# 5794
Delta R.T. -0.013 min
Lab File: BN032985.D
Acq: 25 Jul 2024 23:11

Tgt Ion:276 Resp: 19523
Ion Ratio Lower Upper
276 100
138 31.4 24.6 37.0
277 28.0 22.6 34.0

