

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032984.D
 Acq On : 25 Jul 2024 22:34
 Operator : MA/JU
 Sample : PB162260BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS260

Quant Time: Jul 26 01:19:20 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)

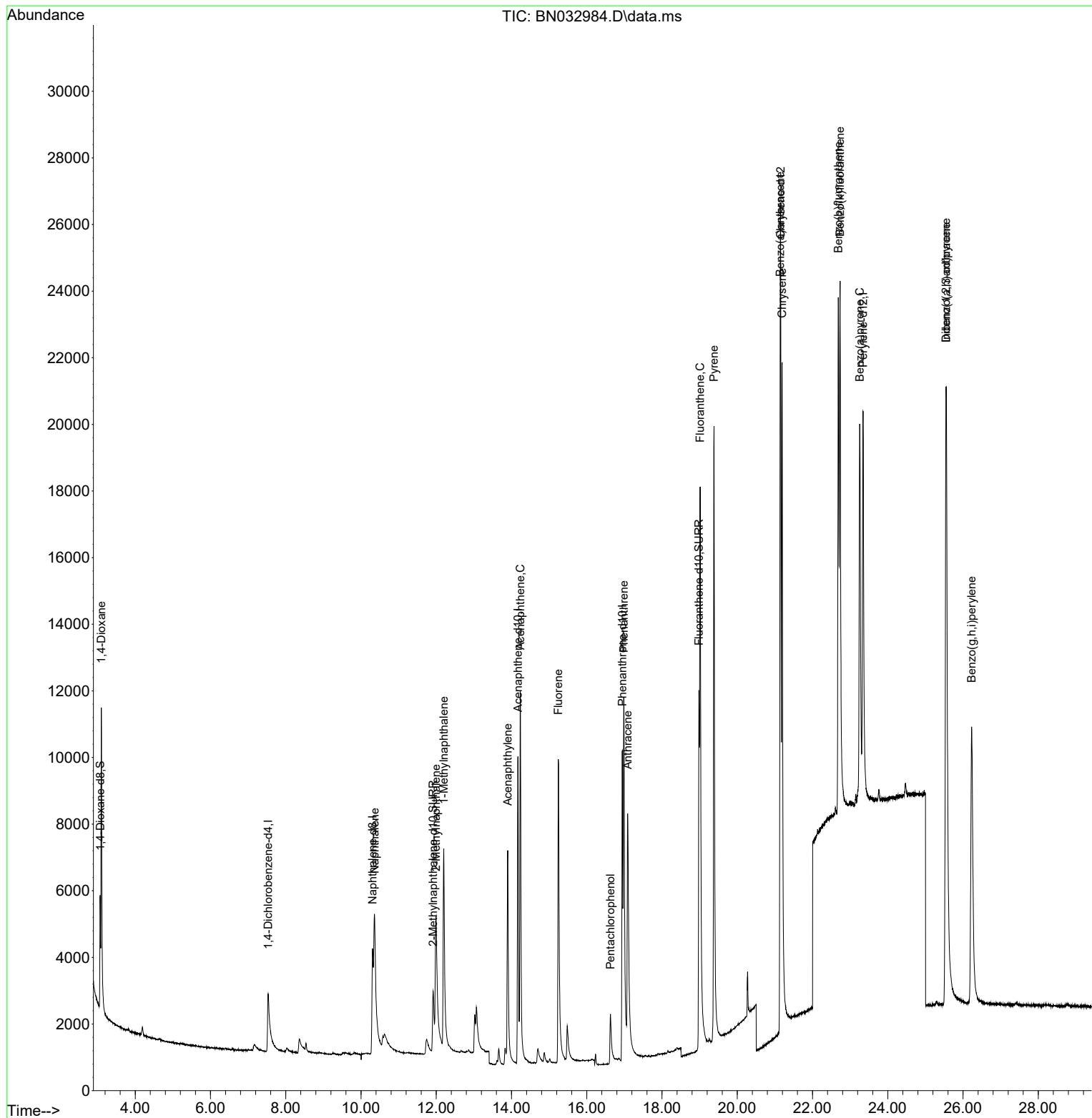
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.533	152	2554	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	9856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.171	164	7075	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	16781	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	16104	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	19390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	2446	0.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	5680	0.353	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	17626	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	6927	1.881	ng/ul#	70
5) Naphthalene	10.361	128	10946	0.432	ng/ul	98
7) 2-Methylnaphthalene	11.994	142	6407	0.374	ng/ul	100
8) 1-Methylnaphthalene	12.198	142	6625	0.357	ng/ul	99
10) Acenaphthylene	13.898	152	10960	0.379	ng/ul	99
11) Acenaphthene	14.236	153	8833	0.406	ng/ul	99
12) Fluorene	15.244	166	9788	0.386	ng/ul	99
14) Pentachlorophenol	16.629	266	2082	0.609	ng/ul	99
15) Phenanthrene	16.983	178	15729	0.349	ng/ul	99
16) Anthracene	17.084	178	14544	0.359	ng/ul	99
19) Fluoranthene	19.014	202	20821	0.393	ng/ul	99
20) Pyrene	19.381	202	22516	0.396	ng/ul	99
21) Benzo(a)anthracene	21.139	228	20466	0.373	ng/ul	99
22) Chrysene	21.192	228	24904	0.388	ng/ul	100
24) Benzo(b)fluoranthene	22.685	252	22167	0.391	ng/ul	97
25) Benzo(k)fluoranthene	22.732	252	27519	0.405	ng/ul	95
26) Benzo(a)pyrene	23.255	252	23230	0.436	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.547	276	28755	0.355	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.550	278	22113	0.344	ng/ul	99
29) Benzo(g,h,i)perylene	26.228	276	22355	0.347	ng/ul	98

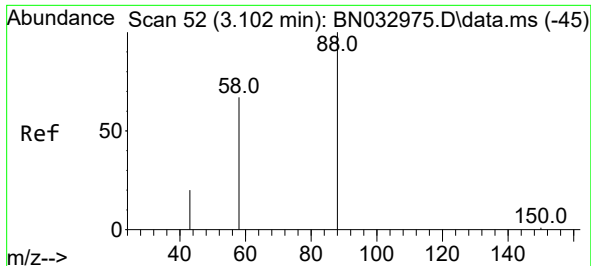
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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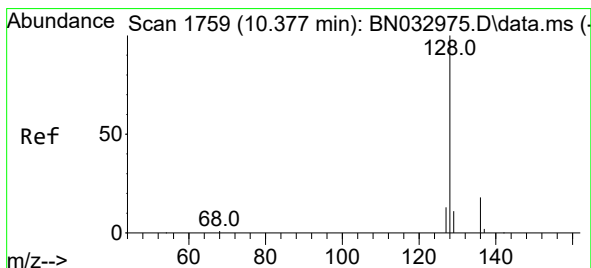
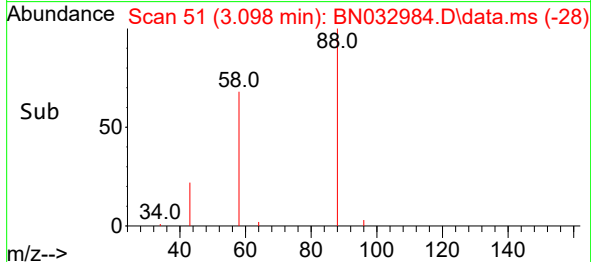
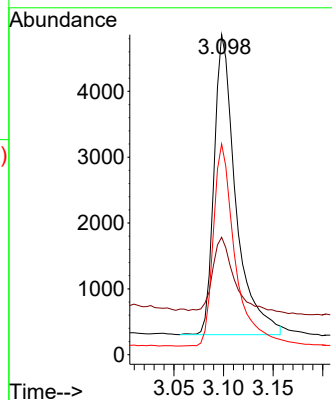
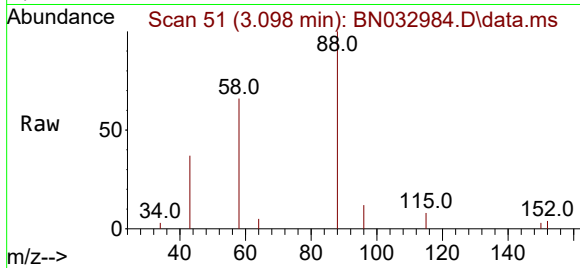




#2
 1,4-Dioxane
 Concen: 1.881 ng/ul
 RT: 3.098 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN032984.D
 Acq: 25 Jul 2024 22:34

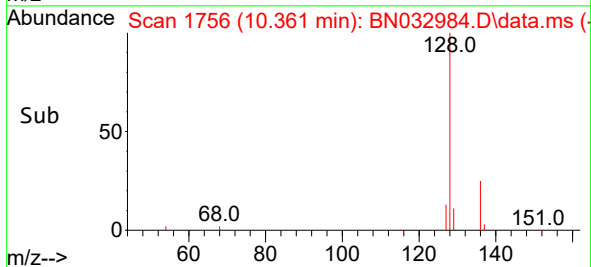
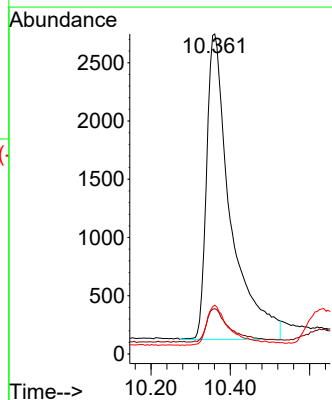
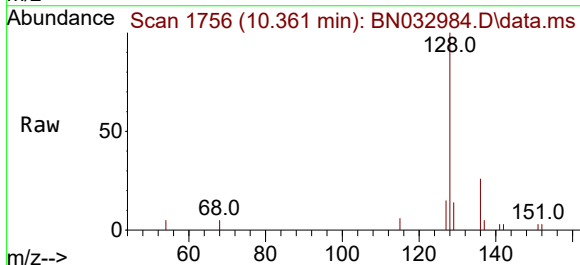
Instrument :
 BNA_N
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 SLCS260

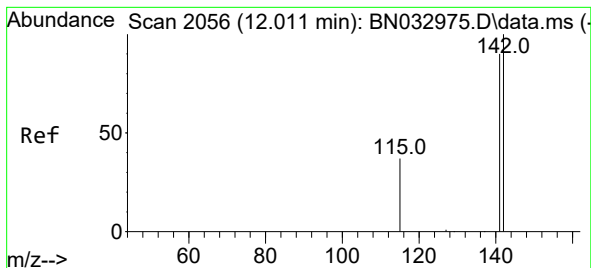
Tgt Ion: 88 Resp: 6927
 Ion Ratio Lower Upper
 88 100
 43 36.7 63.4 95.2#
 58 65.9 49.4 74.0



#5
 Naphthalene
 Concen: 0.432 ng/ul
 RT: 10.361 min Scan# 1756
 Delta R.T. 0.011 min
 Lab File: BN032984.D
 Acq: 25 Jul 2024 22:34

Tgt Ion: 128 Resp: 10946
 Ion Ratio Lower Upper
 128 100
 129 14.2 12.0 18.0
 127 15.3 12.7 19.1

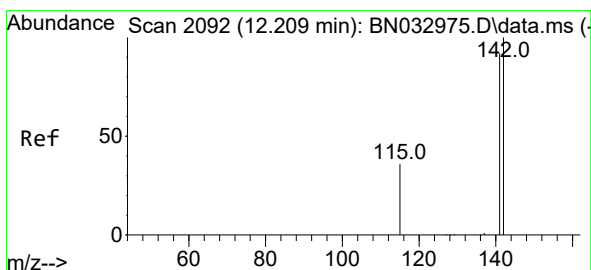
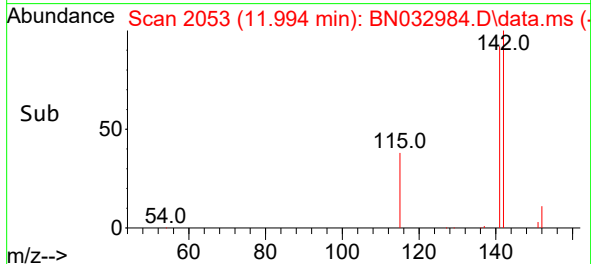
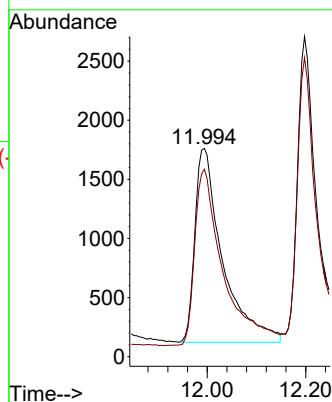
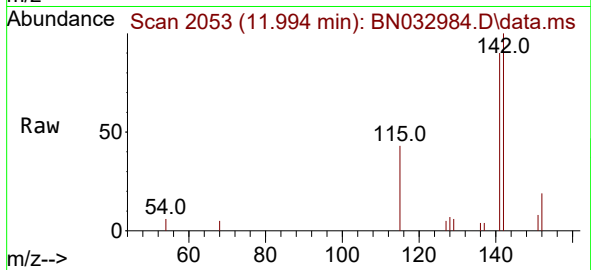




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. 0.011 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

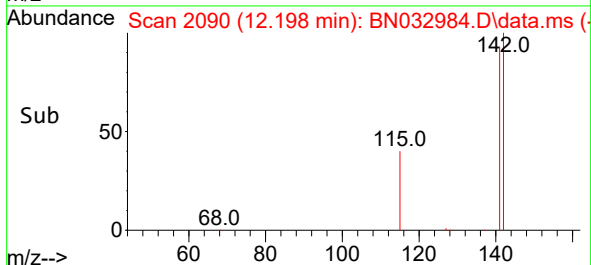
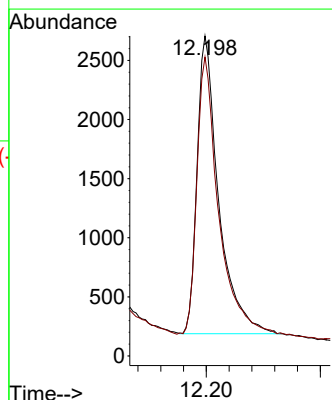
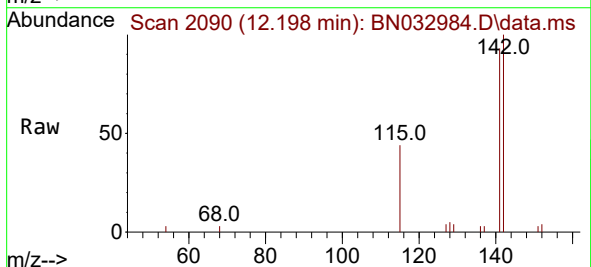
Instrument :
BNA_N
ClientSampleId :
SLCS260

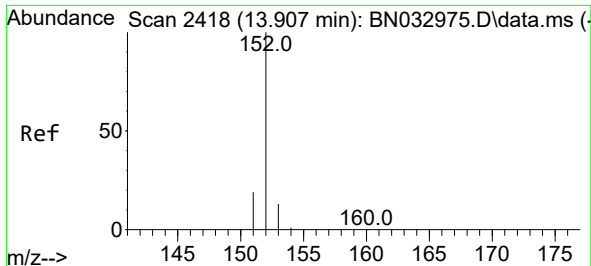
Tgt Ion:142 Resp: 6407
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Tgt Ion:142 Resp: 6625
Ion Ratio Lower Upper
142 100
141 93.5 74.3 111.5

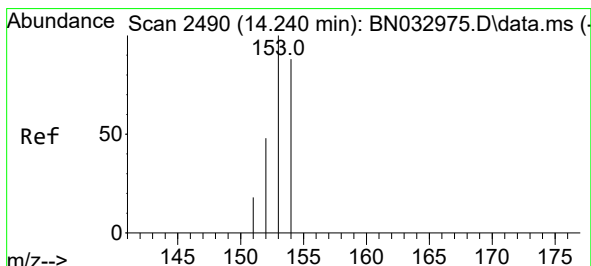
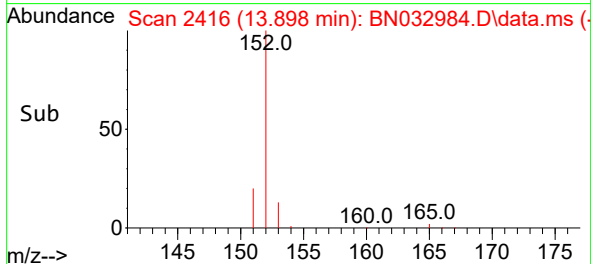
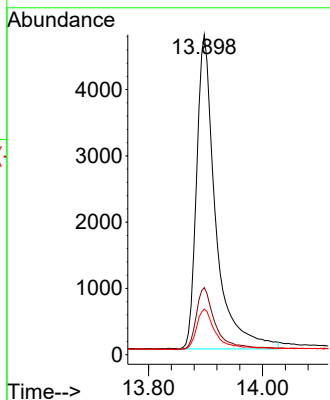
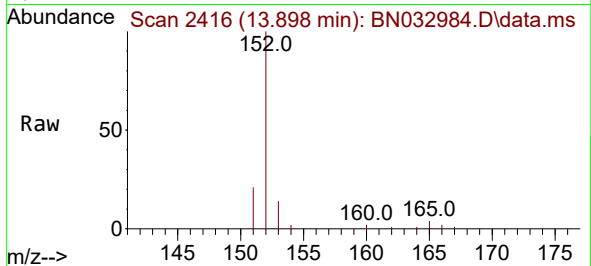




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

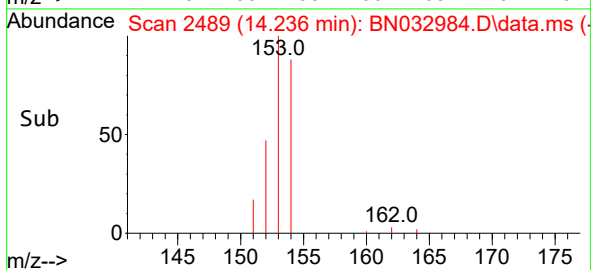
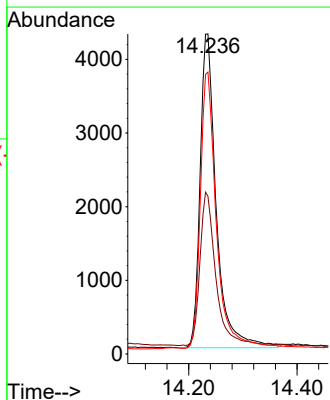
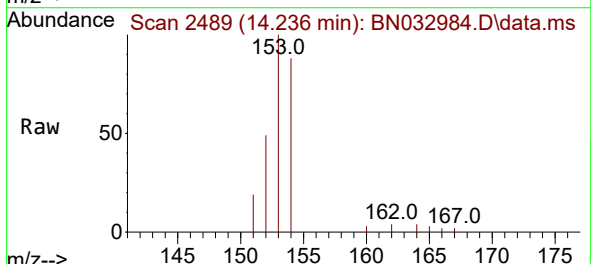
Instrument :
BNA_N
ClientSampleId :
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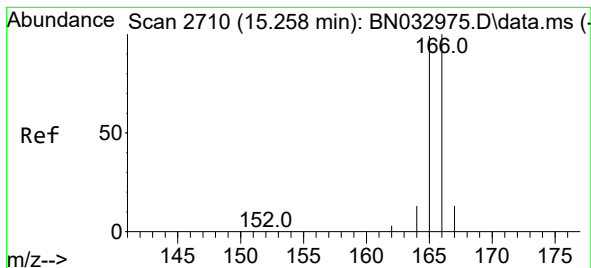
Tgt Ion:152 Resp: 10960
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.2 11.9 17.9



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Tgt Ion:153 Resp: 8833
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 88.1 70.1 105.1





#12

Fluorene

Concen: 0.386 ng/ul

RT: 15.244 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032984.D

Acq: 25 Jul 2024 22:34

Instrument :

BNA_N

ClientSampleId :

SLCS260

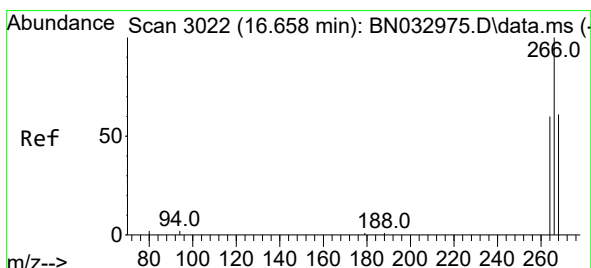
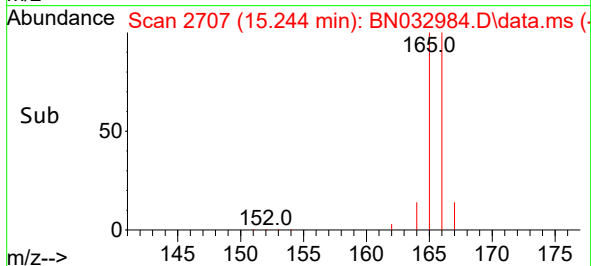
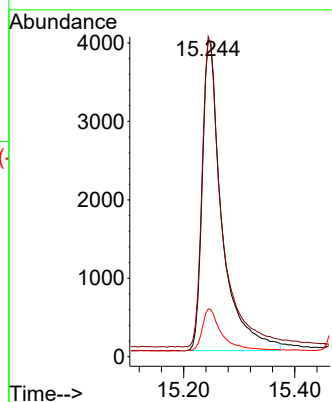
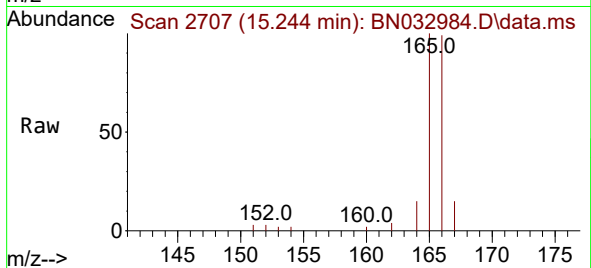
Tgt Ion:166 Resp: 9788

Ion Ratio Lower Upper

166 100

165 101.1 79.6 119.4

167 15.1 12.2 18.4



#14

Pentachlorophenol

Concen: 0.609 ng/ul

RT: 16.629 min Scan# 3015

Delta R.T. -0.008 min

Lab File: BN032984.D

Acq: 25 Jul 2024 22:34

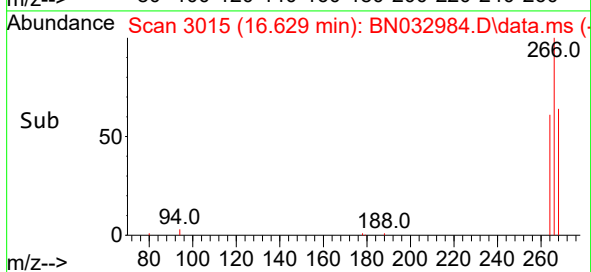
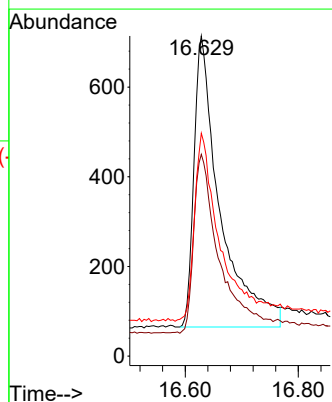
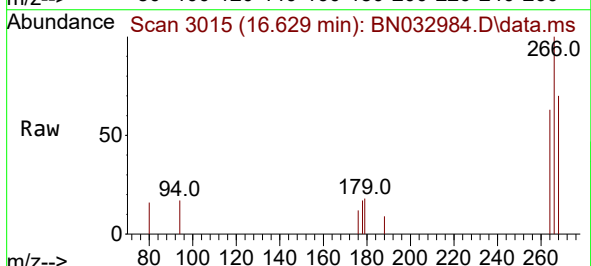
Tgt Ion:266 Resp: 2082

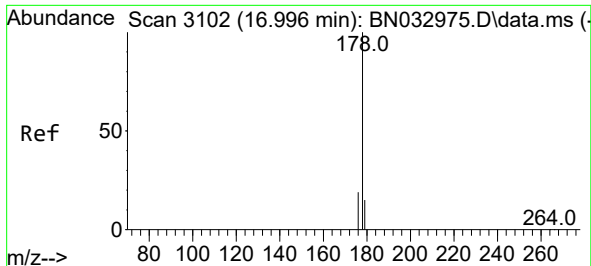
Ion Ratio Lower Upper

266 100

264 62.2 49.3 73.9

268 65.9 51.8 77.8

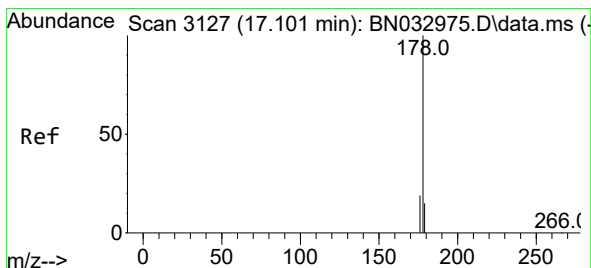
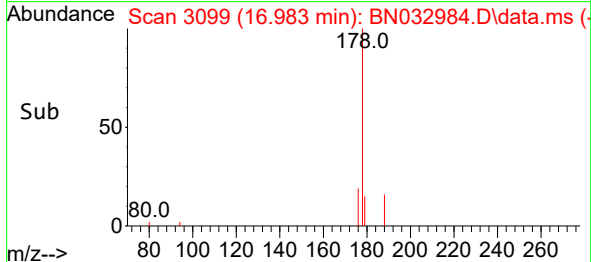
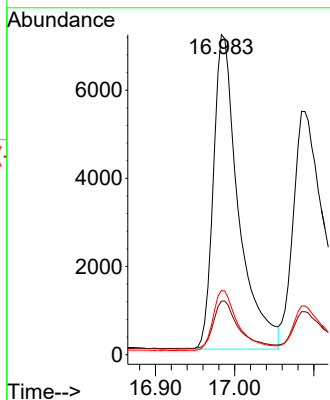
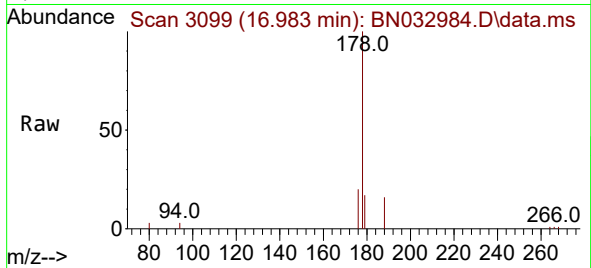




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

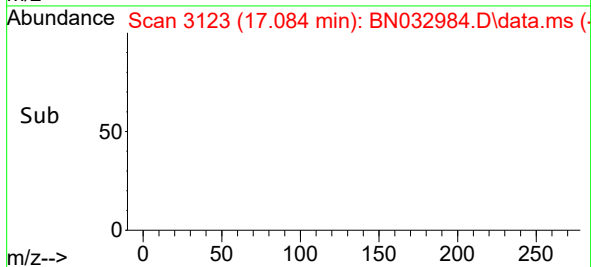
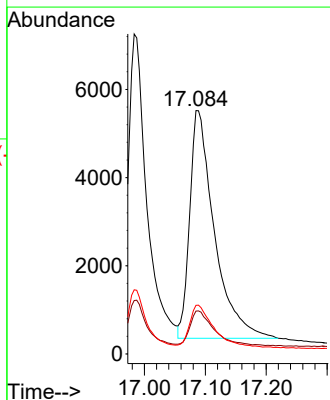
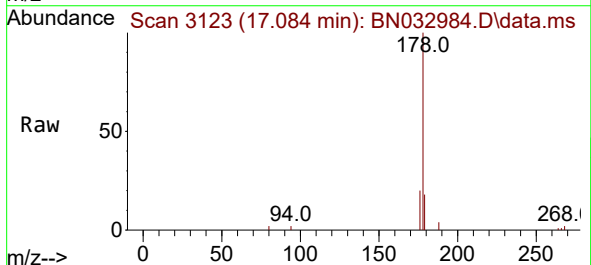
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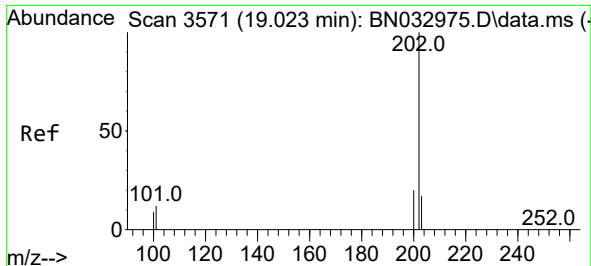
Tgt Ion:178 Resp: 15729
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.084 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Tgt Ion:178 Resp: 14544
Ion Ratio Lower Upper
178 100
179 17.6 14.3 21.5
176 20.0 15.8 23.8

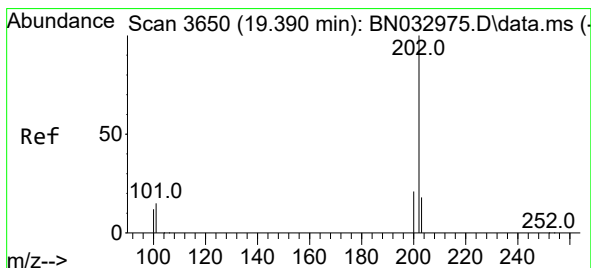
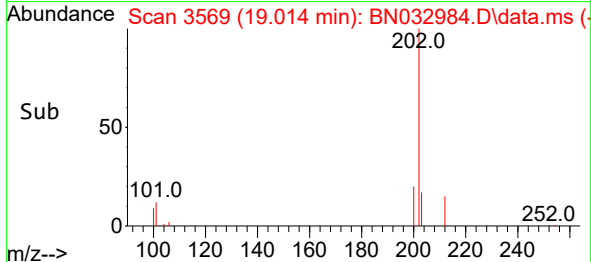
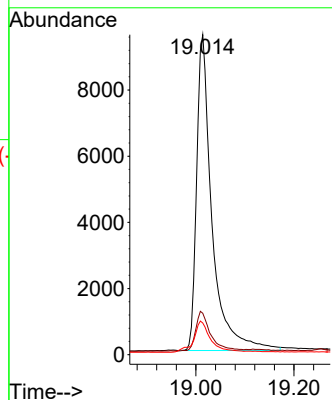
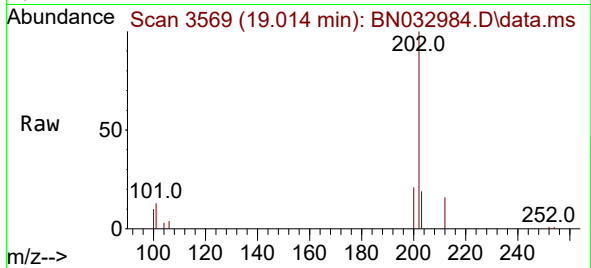




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

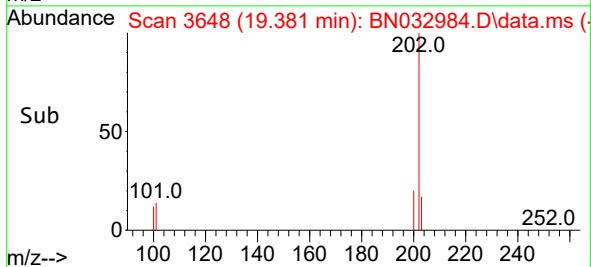
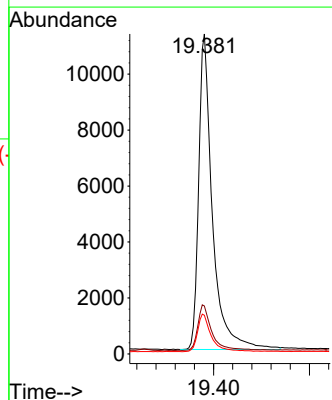
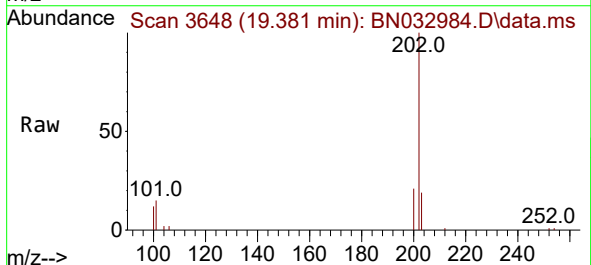
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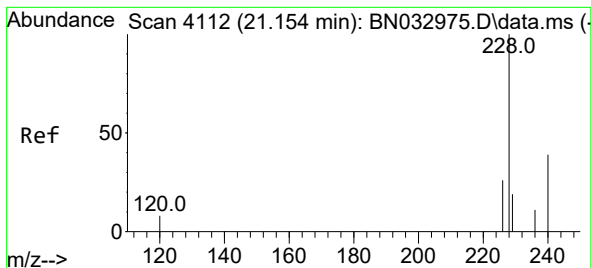
Tgt Ion:202 Resp: 20821
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 9.9 8.3 12.5



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Tgt Ion:202 Resp: 22516
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.373 ng/ul

RT: 21.139 min Scan# 4112

Delta R.T. -0.006 min

Lab File: BN032984.D

Acq: 25 Jul 2024 22:34

Instrument :

BNA_N

ClientSampleId :

SLCS260

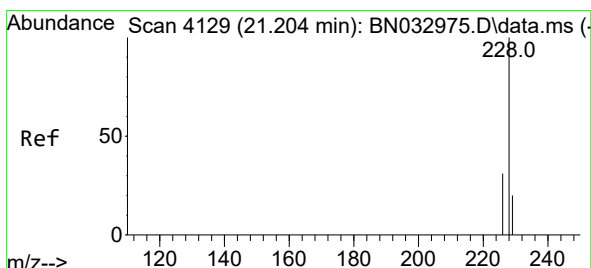
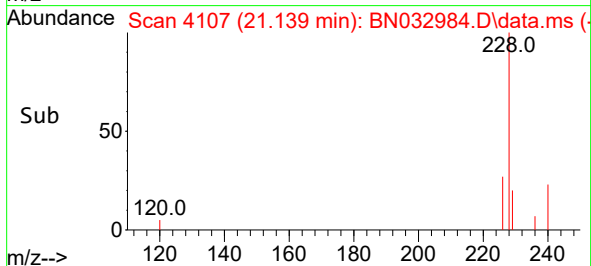
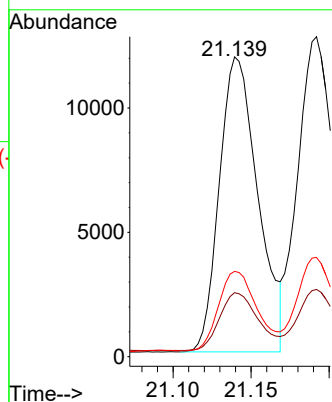
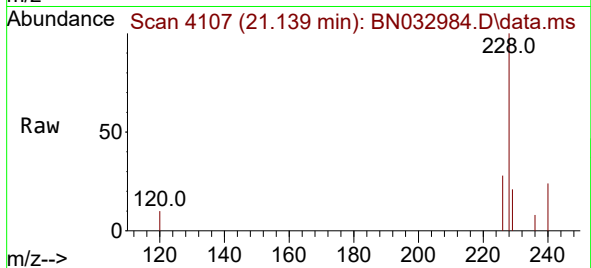
Tgt Ion:228 Resp: 20466

Ion Ratio Lower Upper

228 100

229 21.3 17.1 25.7

226 28.4 22.4 33.6



#22

Chrysene

Concen: 0.388 ng/ul

RT: 21.192 min Scan# 4125

Delta R.T. -0.003 min

Lab File: BN032984.D

Acq: 25 Jul 2024 22:34

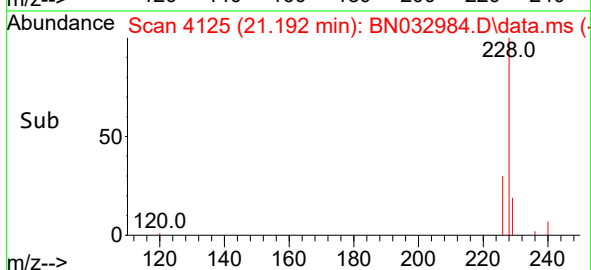
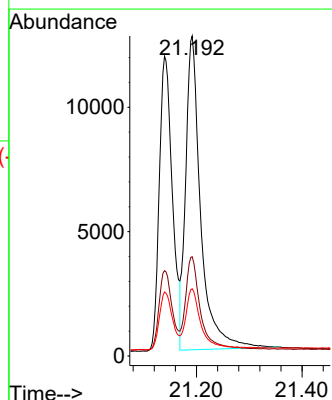
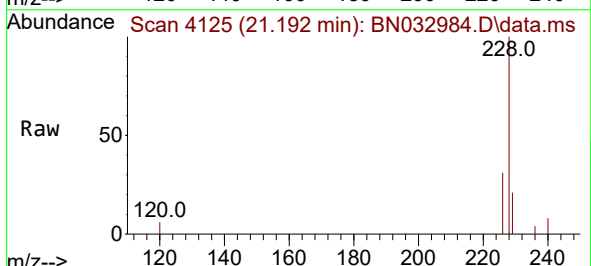
Tgt Ion:228 Resp: 24904

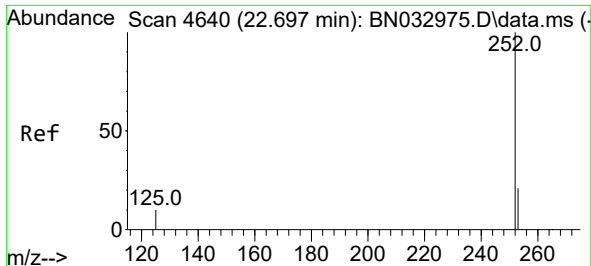
Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

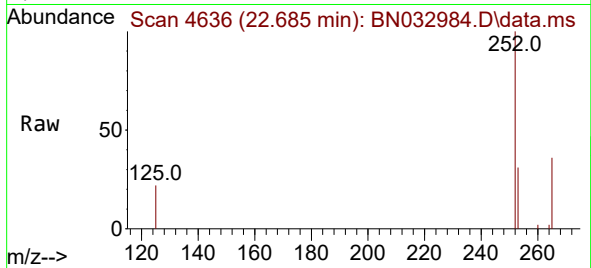
229 21.0 17.0 25.6



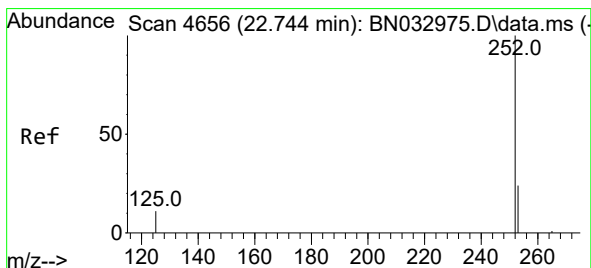
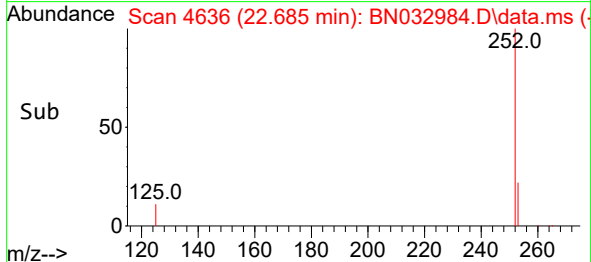
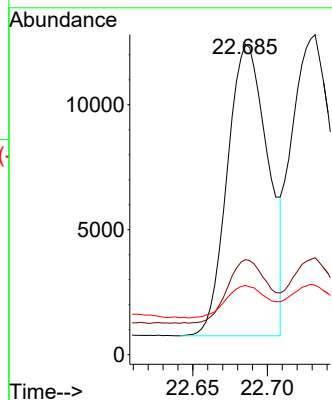


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.685 min Scan# 4636
Delta R.T. -0.009 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Instrument :
BNA_N
ClientSampleId :
SLCS260

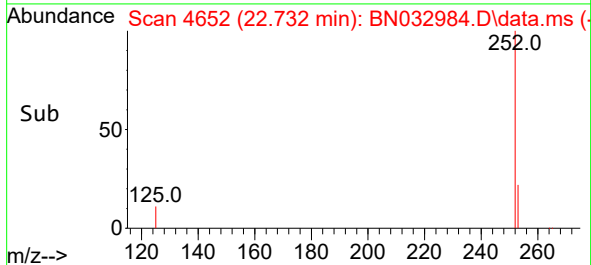
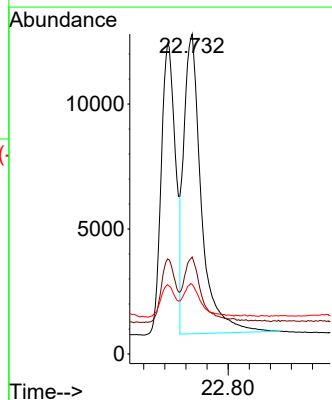
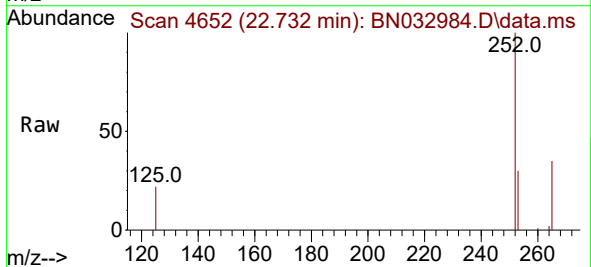


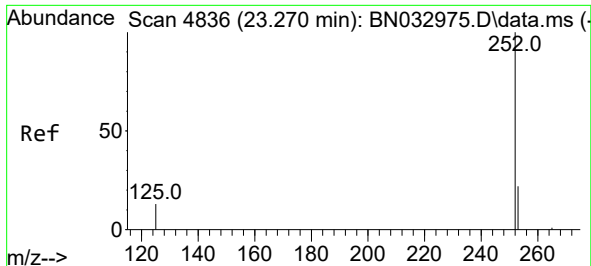
Tgt Ion:252 Resp: 22167
Ion Ratio Lower Upper
252 100
253 30.6 0.0 60.6
125 22.3 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

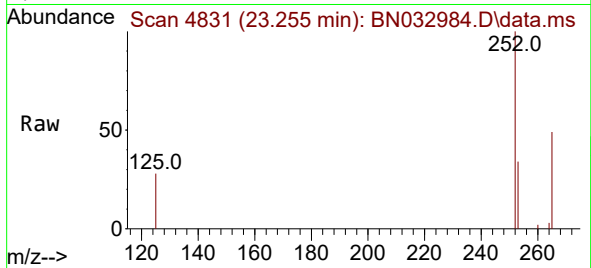
Tgt Ion:252 Resp: 27519
Ion Ratio Lower Upper
252 100
253 30.3 24.9 37.3
125 21.7 20.9 31.3



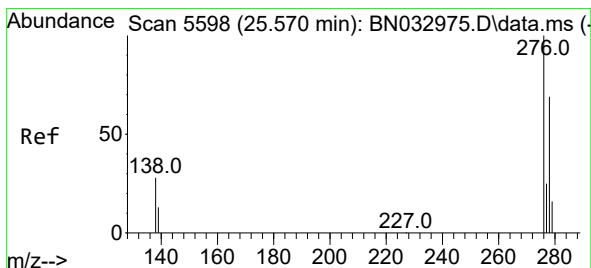
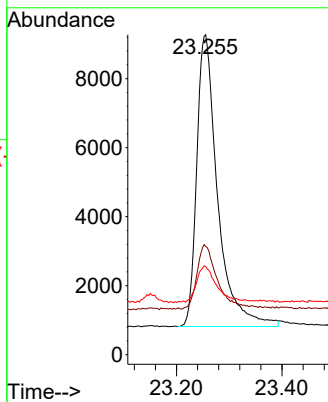
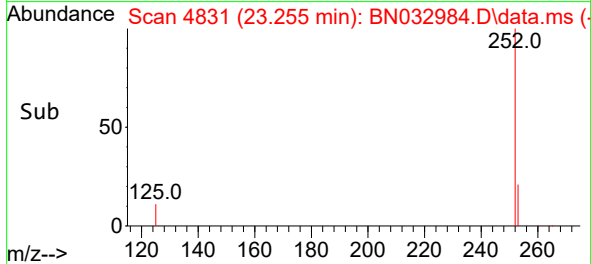


#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.255 min Scan# 4831
Delta R.T. -0.006 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

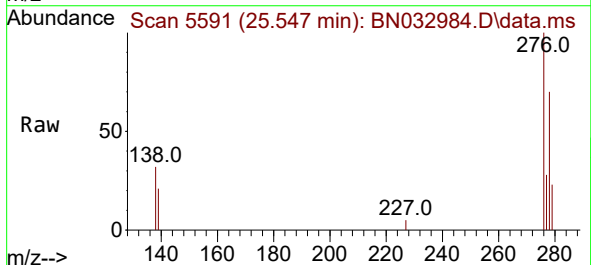
Instrument :
BNA_N
ClientSampleId :
SLCS260



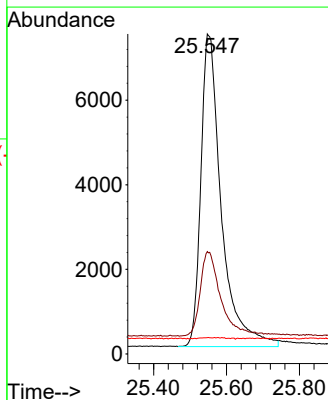
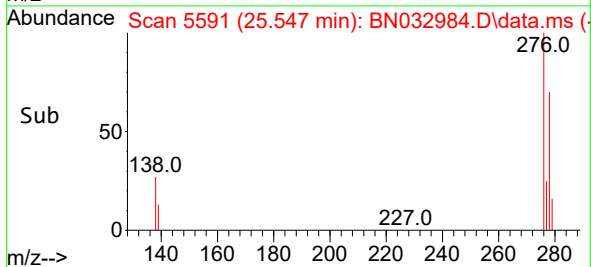
Tgt Ion:	252	Resp:	23230
Ion Ratio	Lower	Upper	
252	100		
253	33.9	27.5	41.3
125	27.5	27.0	40.6

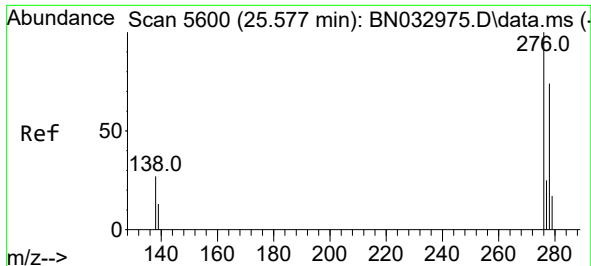


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.547 min Scan# 5591
Delta R.T. -0.013 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34



Tgt Ion:	276	Resp:	28755
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.8	32.8
227	0.3	0.2	0.2

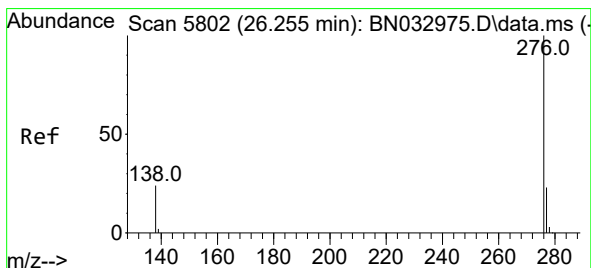
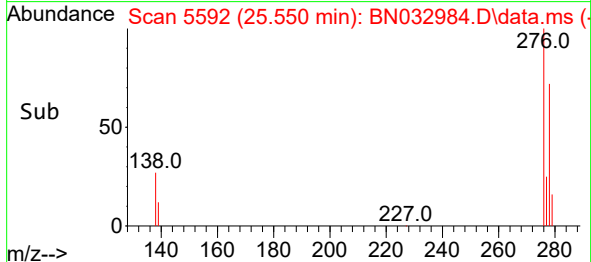
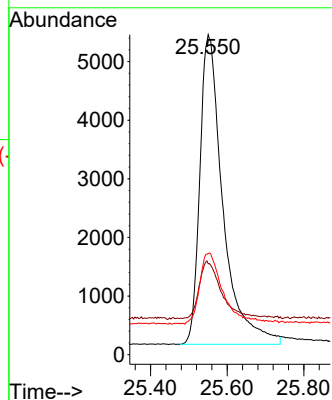
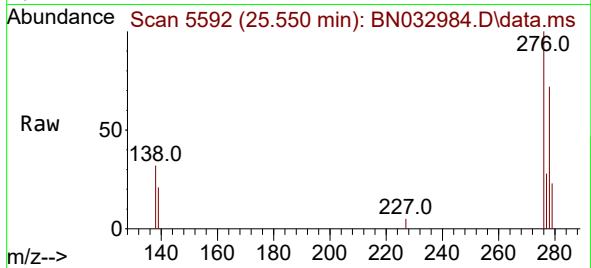




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.550 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Instrument :
BNA_N
ClientSampleId :
SLCS260

Tgt Ion:278 Resp: 22113
Ion Ratio Lower Upper
278 100
139 28.4 22.5 33.7
279 31.6 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.228 min Scan# 5794
Delta R.T. -0.013 min
Lab File: BN032984.D
Acq: 25 Jul 2024 22:34

Tgt Ion:276 Resp: 22355
Ion Ratio Lower Upper
276 100
138 30.1 24.6 37.0
277 27.2 22.6 34.0

