

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036299.D
 Acq On : 05 Feb 2025 15:41
 Operator : RC/JU
 Sample : PB166451BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS451

Quant Time: Feb 05 17:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

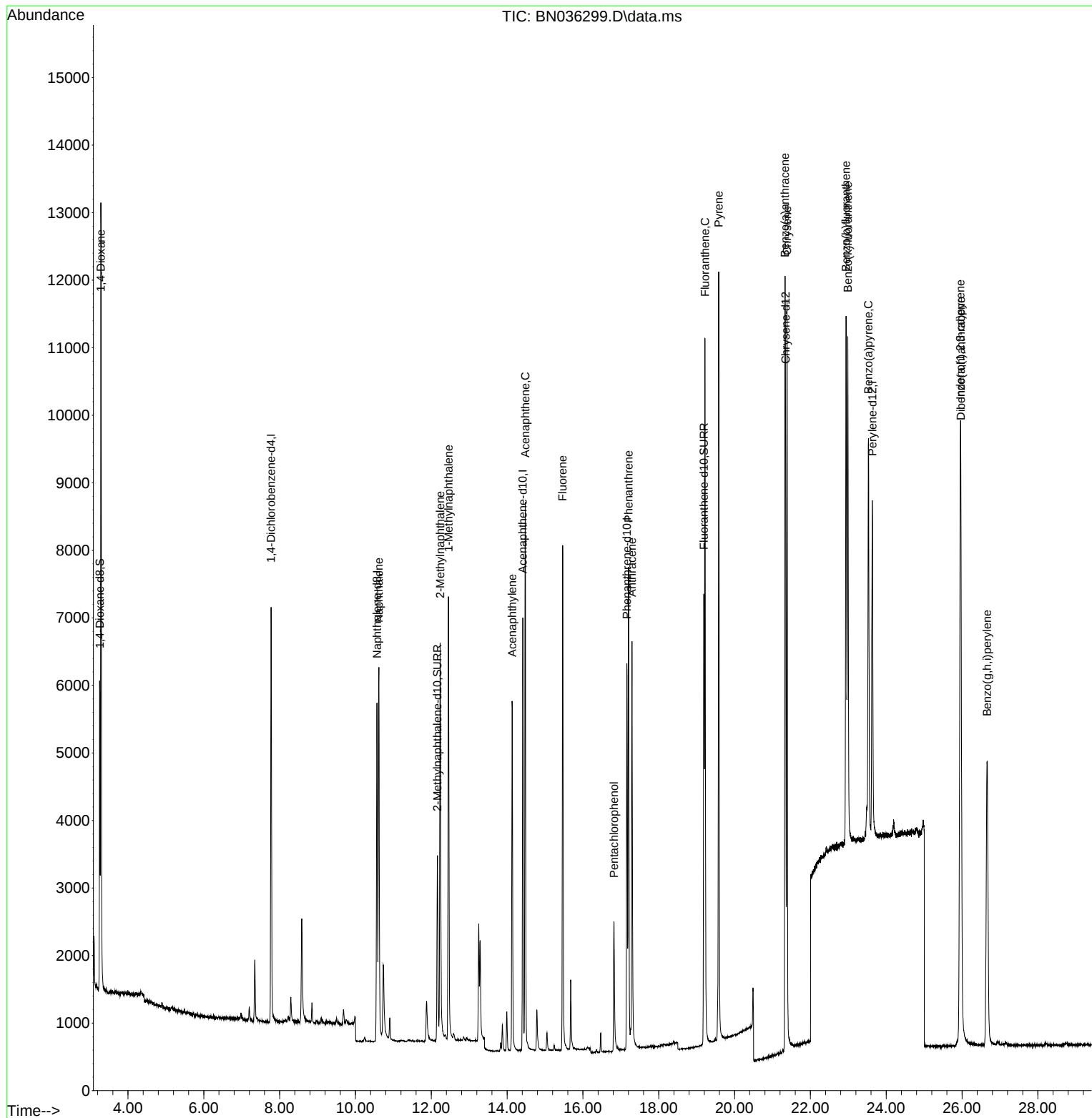
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	3146	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.568	136	7043	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.414	164	3690	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.158	188	7133	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.345	240	6378	0.400	ng/ul	#-0.02
23) Perylene-d12	23.633	264	7000	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2692	0.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	4047	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.188	212	7757	0.443	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.285	88	6927	1.884	ng/ul	86
5) Naphthalene	10.617	128	7872	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.234	142	4729	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.454	142	4778	0.391	ng/ul	99
10) Acenaphthylene	14.132	152	6195	0.356	ng/ul	99
11) Acenaphthene	14.479	153	4915	0.384	ng/ul	97
12) Fluorene	15.464	166	5160	0.365	ng/ul	99
14) Pentachlorophenol	16.821	266	1556	0.623	ng/ul	99
15) Phenanthrene	17.205	178	8147	0.390	ng/ul	99
16) Anthracene	17.293	178	7079	0.365	ng/ul	99
19) Fluoranthene	19.221	202	9357	0.386	ng/ul	97
20) Pyrene	19.583	202	9761	0.386	ng/ul#	95
21) Benzo(a)anthracene	21.330	228	9007	0.396	ng/ul	99
22) Chrysene	21.383	228	9656	0.415	ng/ul	99
24) Benzo(b)fluoranthene	22.940	252	9795	0.419	ng/ul	91
25) Benzo(k)fluoranthene	22.987	252	10176	0.414	ng/ul#	91
26) Benzo(a)pyrene	23.531	252	8871	0.420	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.954	276	11661	0.418	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.967	278	9114	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.665	276	9376	0.433	ng/ul	98

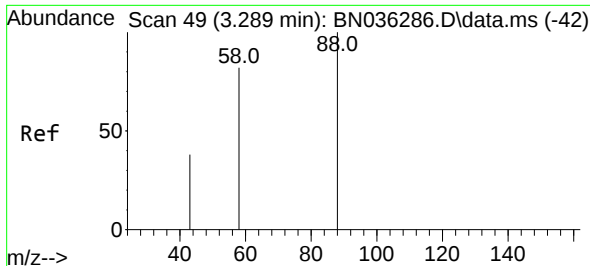
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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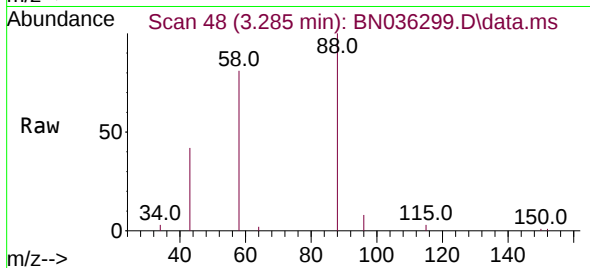
Quant Time: Feb 05 17:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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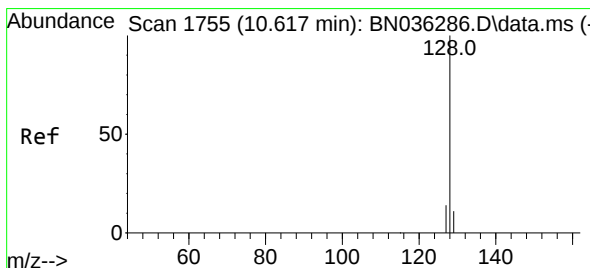
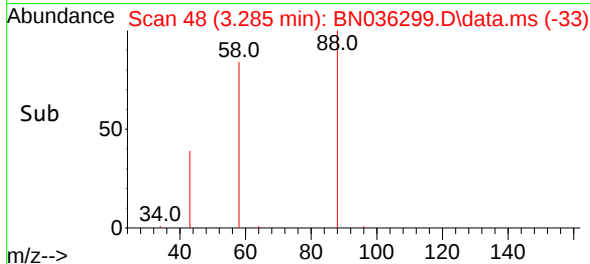
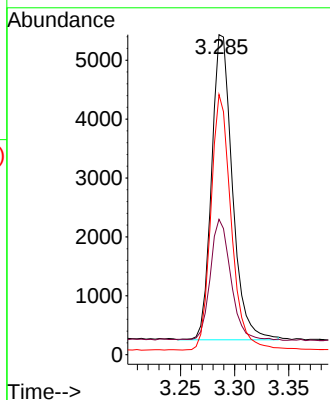


#2
 1,4-Dioxane
 Concen: 1.884 ng/ul
 RT: 3.285 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN036299.D
 Acq: 05 Feb 2025 15:41

Instrument :
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 ClientSampleId :
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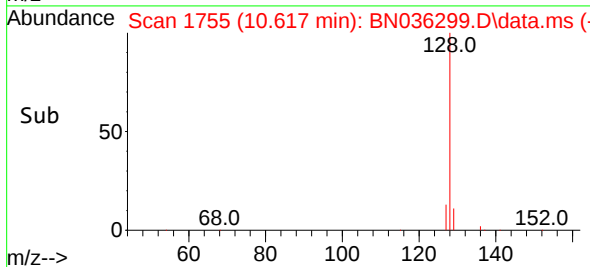
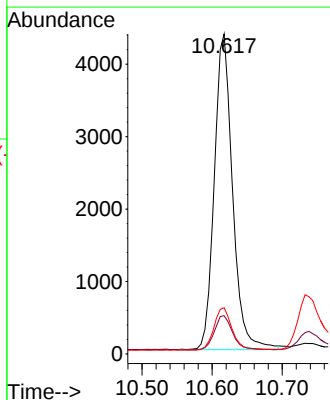
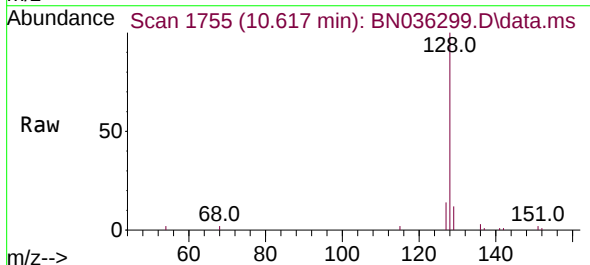


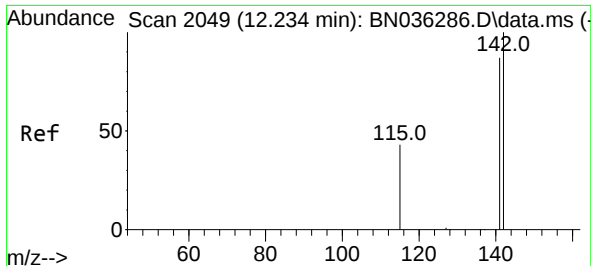
Tgt Ion:	88	Resp:	6927
Ion	Ratio	Lower	Upper
88	100		
43	42.3	40.7	61.1
58	81.3	55.2	82.8



#5
 Naphthalene
 Concen: 0.406 ng/ul
 RT: 10.617 min Scan# 1755
 Delta R.T. -0.010 min
 Lab File: BN036299.D
 Acq: 05 Feb 2025 15:41

Tgt Ion:	128	Resp:	7872
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.4	12.0	18.0

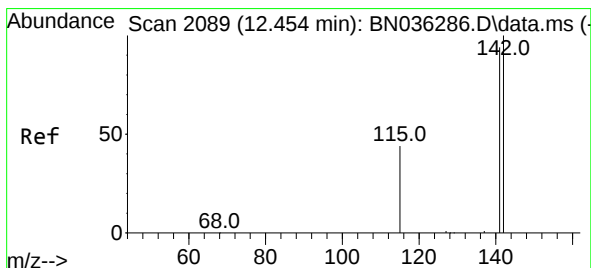
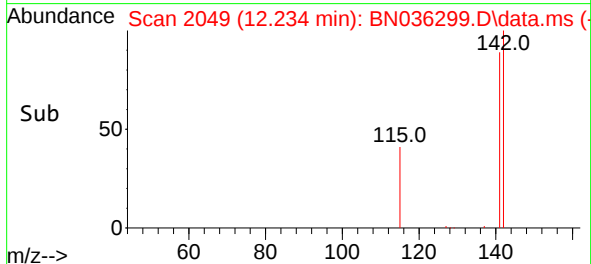
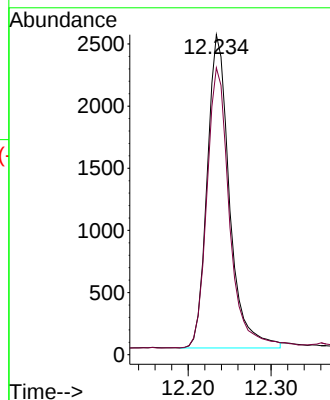
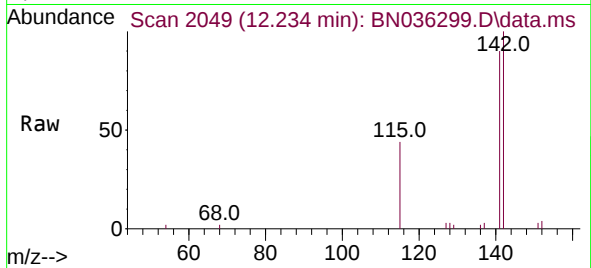




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.234 min Scan# 2049
Delta R.T. -0.010 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

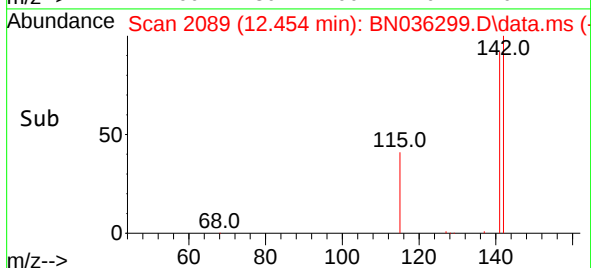
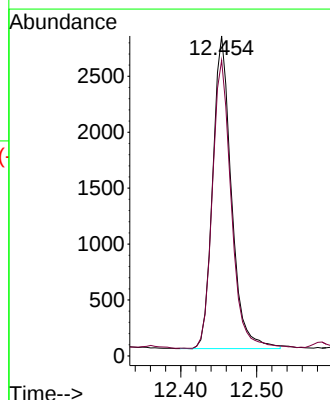
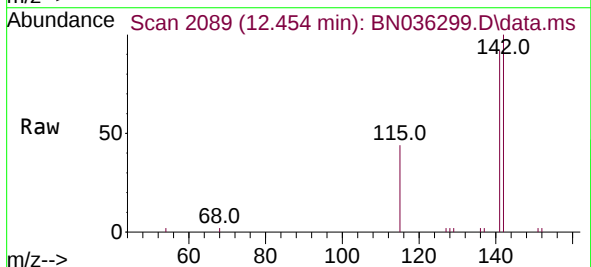
Instrument :
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SLCS451

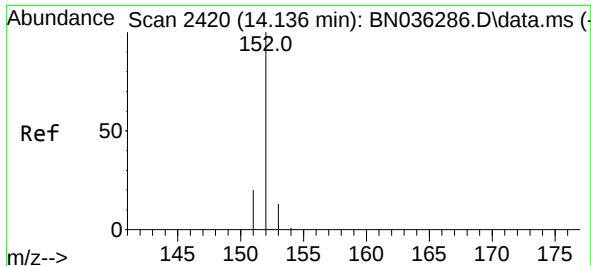
Tgt Ion:142 Resp: 4729
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.454 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:142 Resp: 4778
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8

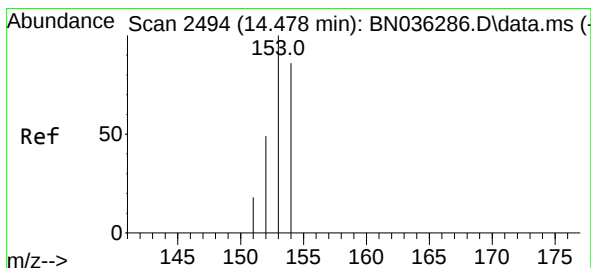
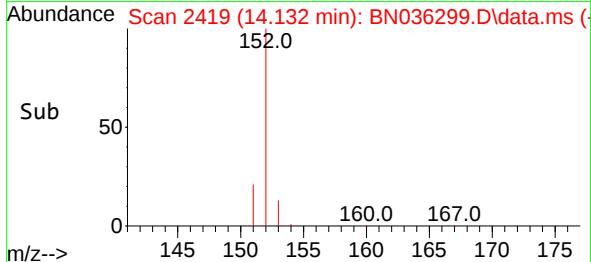
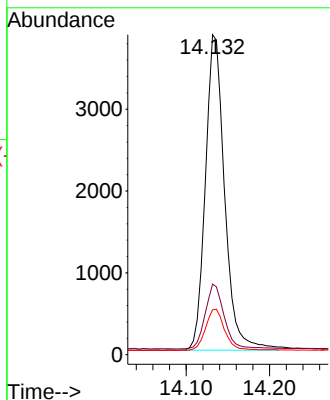
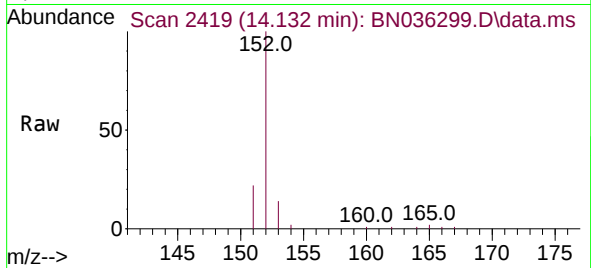




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.132 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

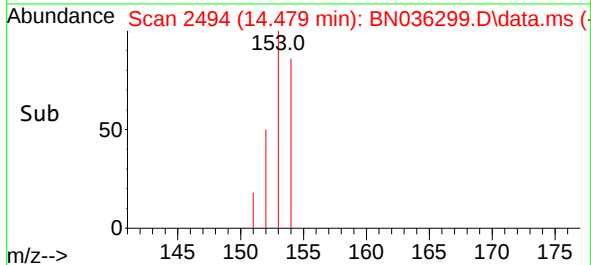
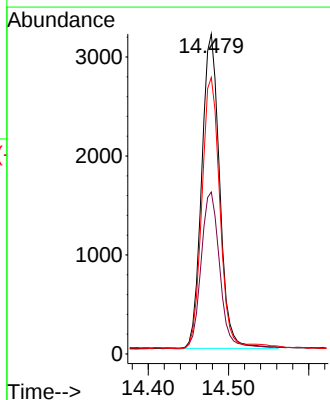
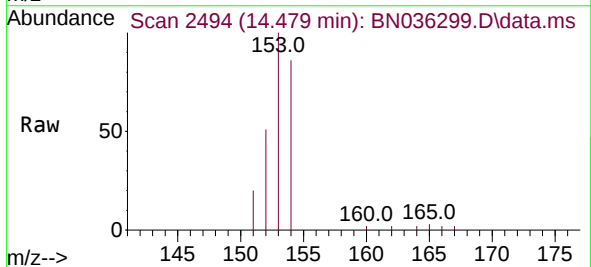
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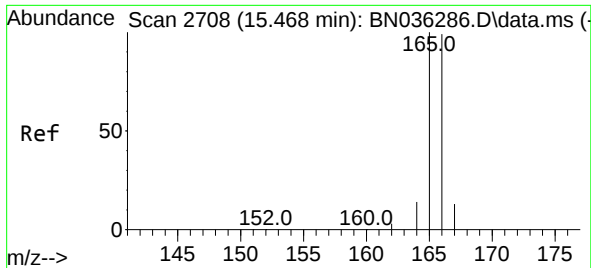
Tgt Ion:152 Resp: 6195
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.2
153 14.1 11.9 17.9



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.013 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:153 Resp: 4915
Ion Ratio Lower Upper
153 100
152 50.6 43.2 64.8
154 86.4 70.5 105.7

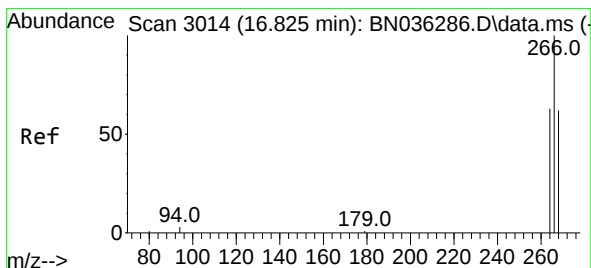
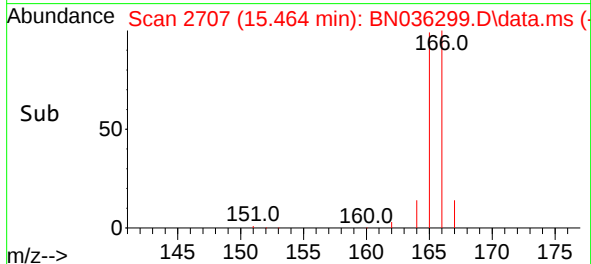
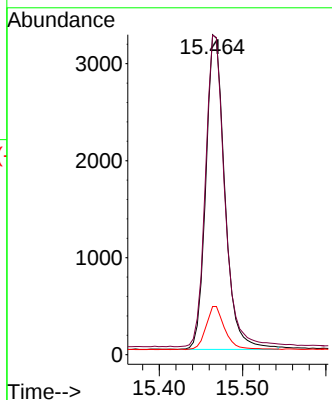
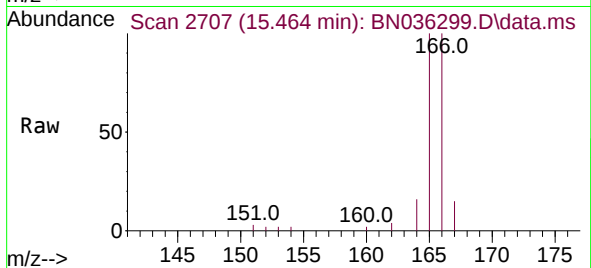




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.464 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BN036299.D
 Acq: 05 Feb 2025 15:41

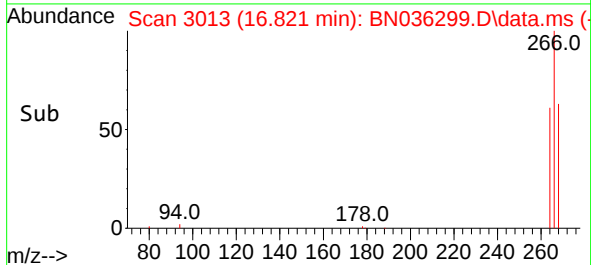
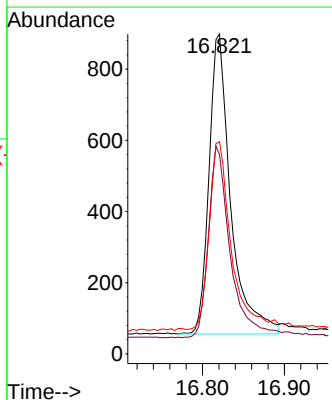
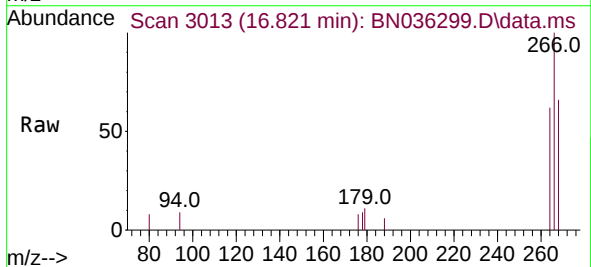
Instrument :
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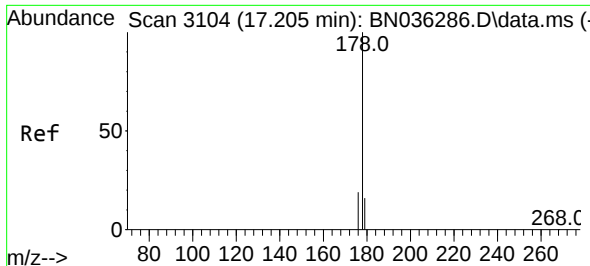
Tgt Ion:166 Resp: 5160
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.3 120.5
 167 15.0 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.623 ng/ul
 RT: 16.821 min Scan# 3013
 Delta R.T. -0.008 min
 Lab File: BN036299.D
 Acq: 05 Feb 2025 15:41

Tgt Ion:266 Resp: 1556
 Ion Ratio Lower Upper
 266 100
 264 64.1 50.6 75.8
 268 63.4 50.6 75.8

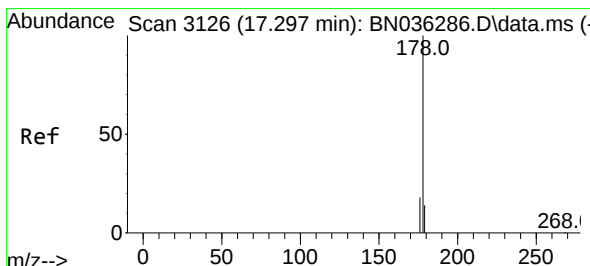
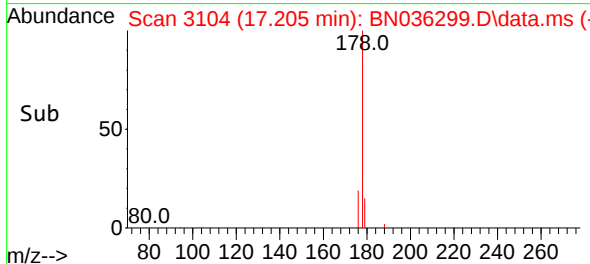
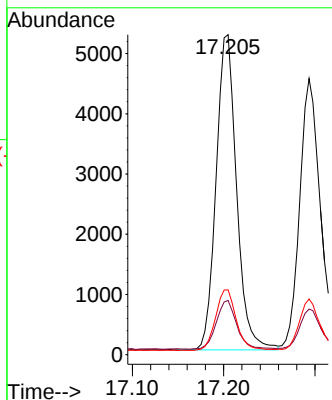
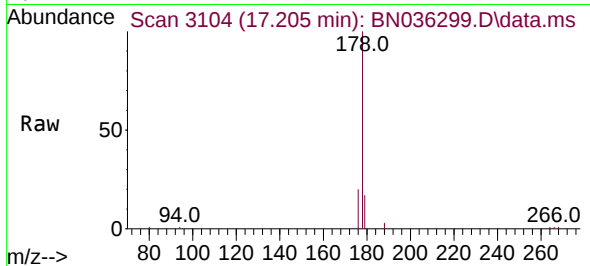




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

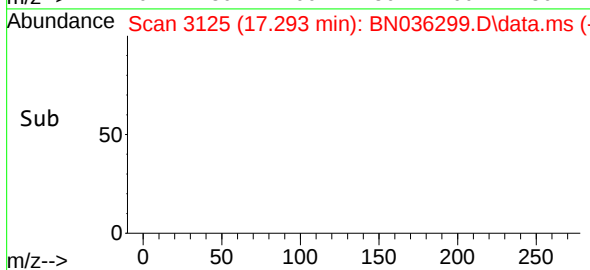
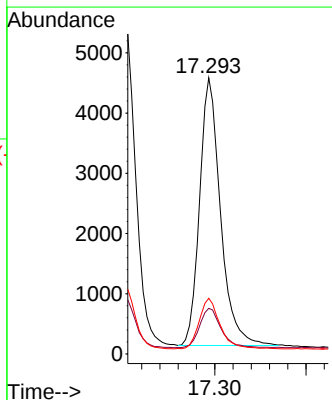
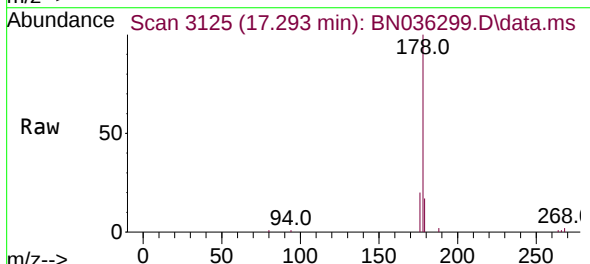
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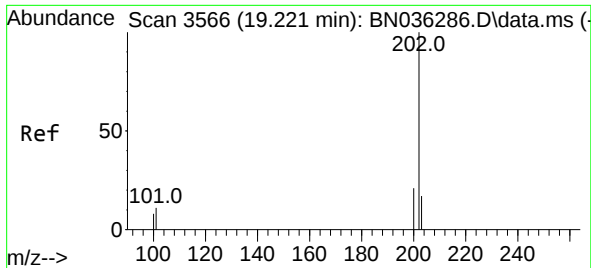
Tgt Ion:	178	Resp:	8147
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.2	19.8
176	20.3	16.8	25.2



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.293 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:	178	Resp:	7079
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.4
176	20.1	15.9	23.9

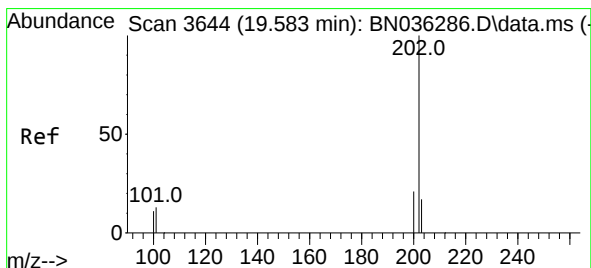
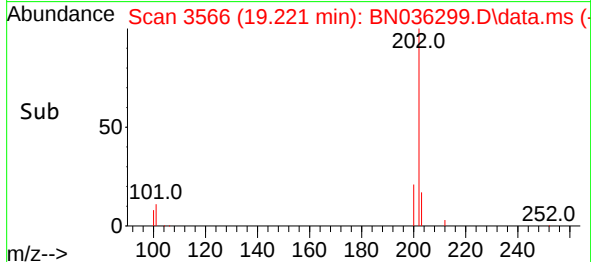
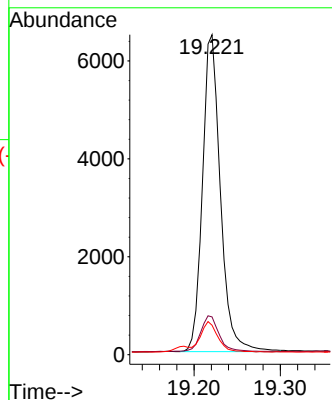
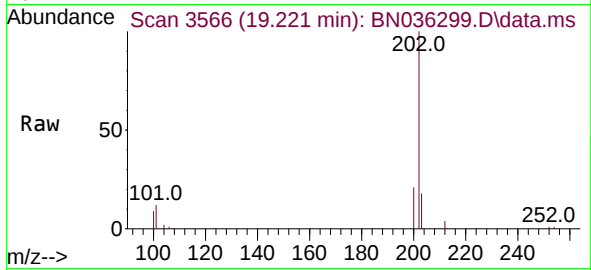




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.221 min Scan# 3566
Delta R.T. -0.013 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

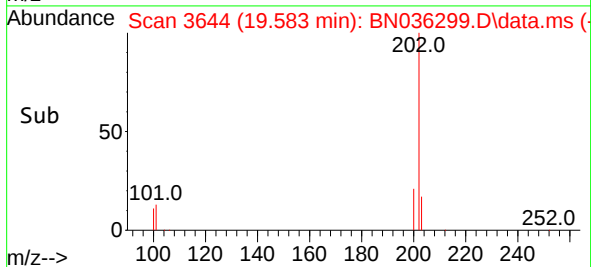
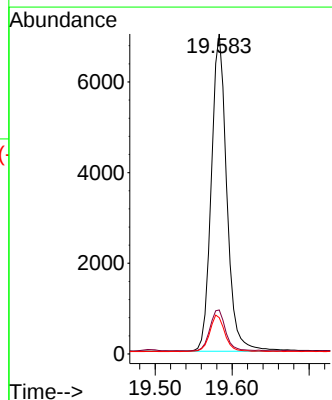
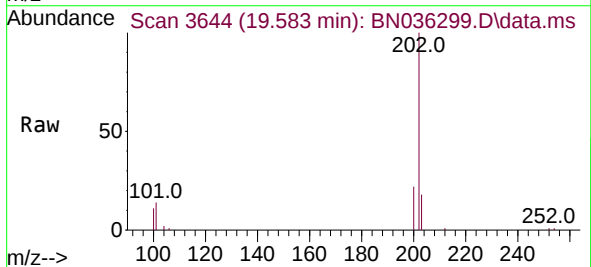
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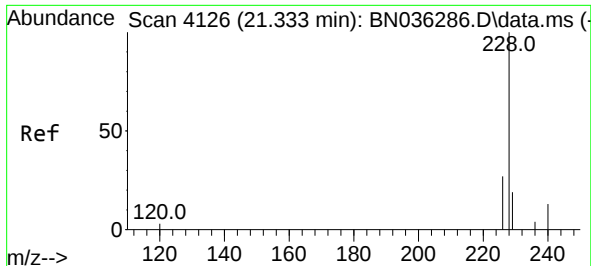
Tgt Ion:202 Resp: 9357
Ion Ratio Lower Upper
202 100
101 11.8 8.4 12.6
100 9.2 6.5 9.7



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.583 min Scan# 3644
Delta R.T. -0.013 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:202 Resp: 9761
Ion Ratio Lower Upper
202 100
101 13.8 9.3 13.9
100 11.3 7.5 11.3#

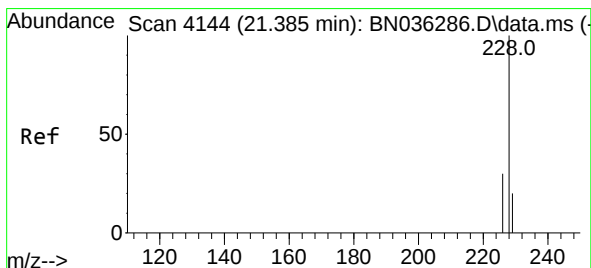
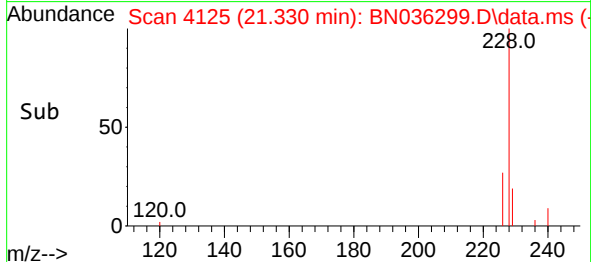
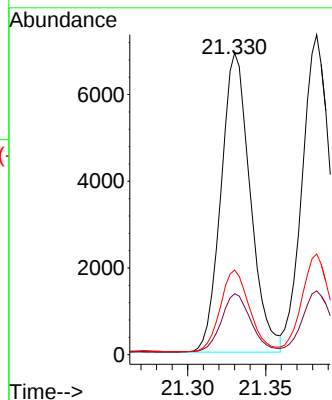
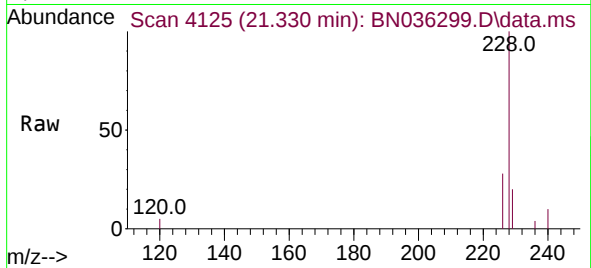




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.330 min Scan# 4126
Delta R.T. -0.015 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

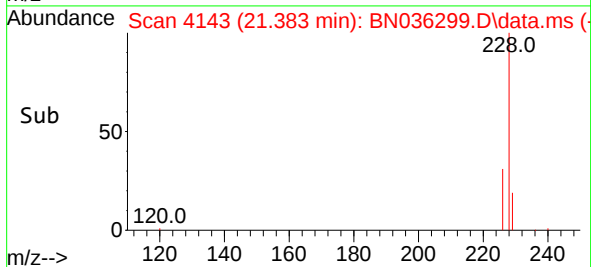
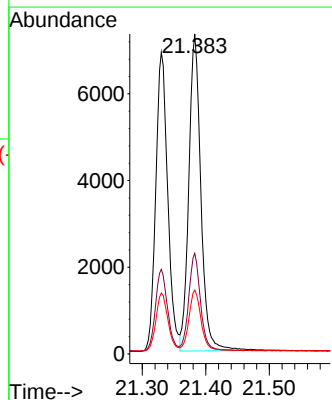
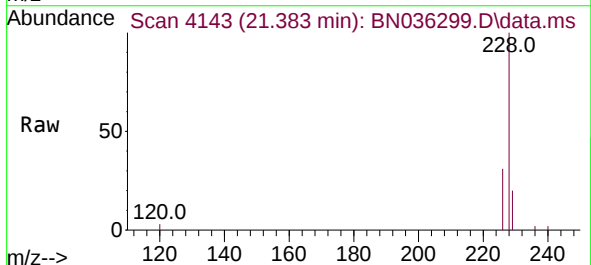
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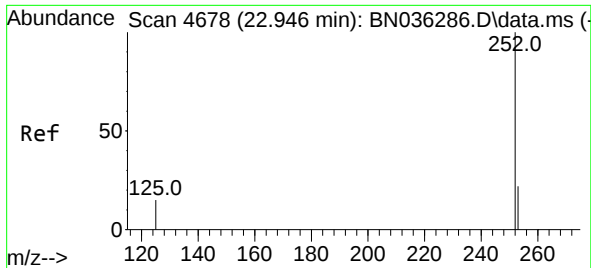
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Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.383 min Scan# 4143
Delta R.T. -0.015 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:228 Resp: 9656
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 19.9 15.9 23.9

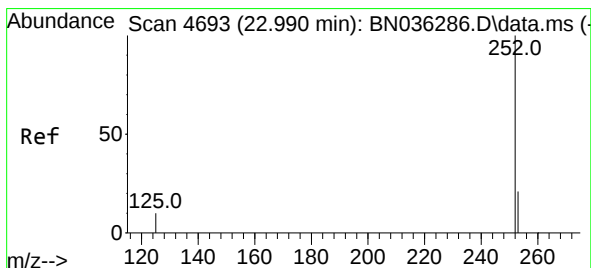
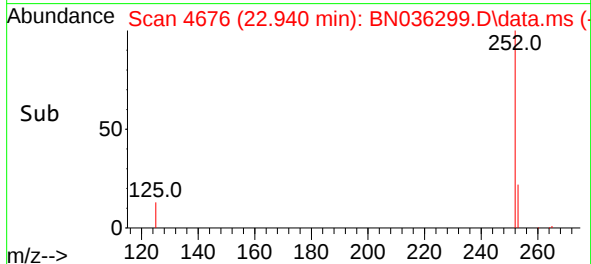
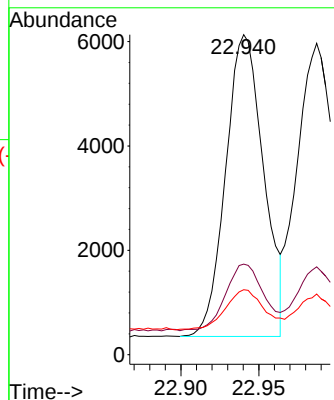
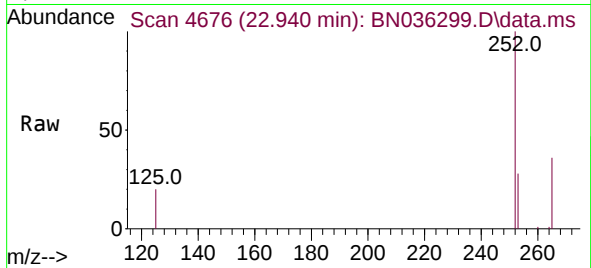




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.940 min Scan# 4678
Delta R.T. -0.021 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

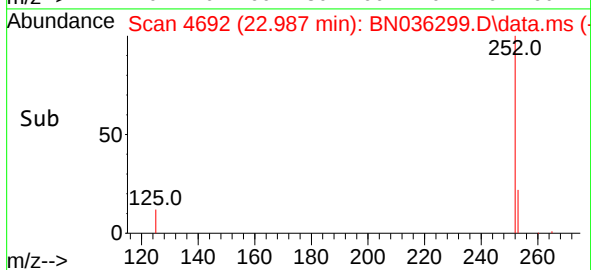
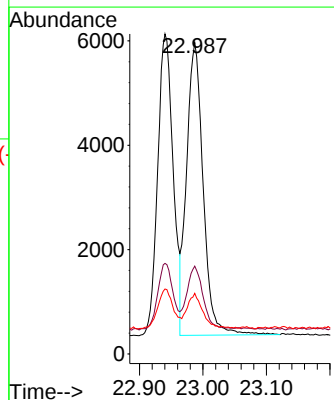
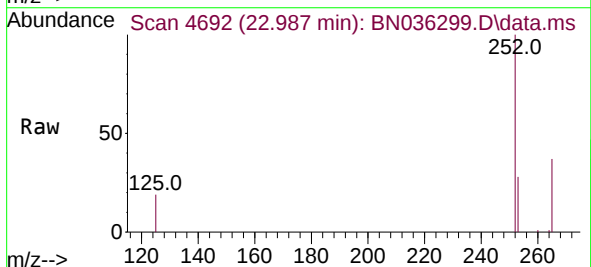
Instrument :
BNA_N
ClientSampleId :
SLCS451

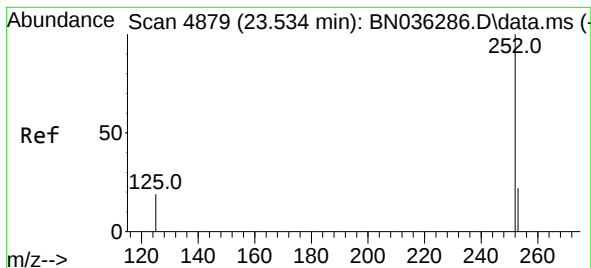
Tgt Ion:252 Resp: 9795
Ion Ratio Lower Upper
252 100
253 28.3 0.0 51.2
125 20.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.987 min Scan# 4692
Delta R.T. -0.021 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:252 Resp: 10176
Ion Ratio Lower Upper
252 100
253 28.2 20.2 30.4
125 19.5 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.531 min Scan# 4879

Delta R.T. -0.024 min

Lab File: BN036299.D

Acq: 05 Feb 2025 15:41

Instrument :

BNA_N

ClientSampleId :

SLCS451

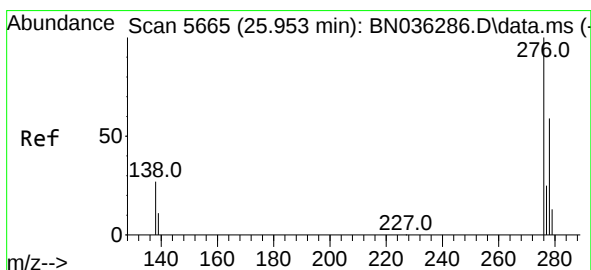
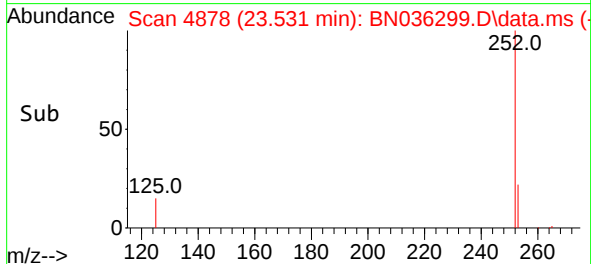
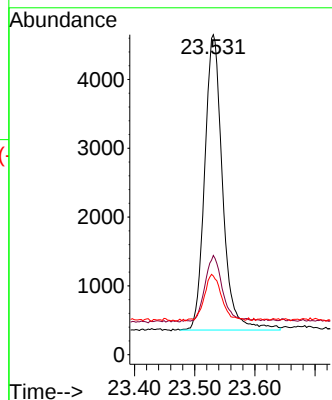
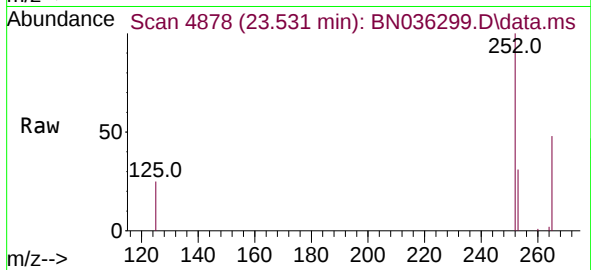
Tgt Ion:252 Resp: 8871

Ion Ratio Lower Upper

252 100

253 31.0 22.2 33.4

125 24.6 13.1 19.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng/ul

RT: 25.954 min Scan# 5665

Delta R.T. -0.034 min

Lab File: BN036299.D

Acq: 05 Feb 2025 15:41

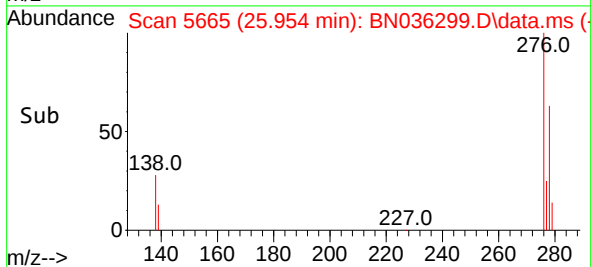
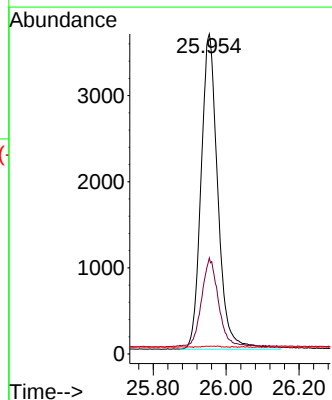
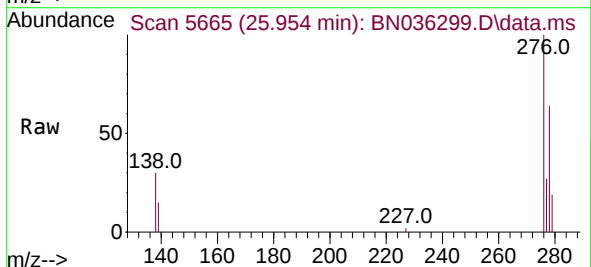
Tgt Ion:276 Resp: 11661

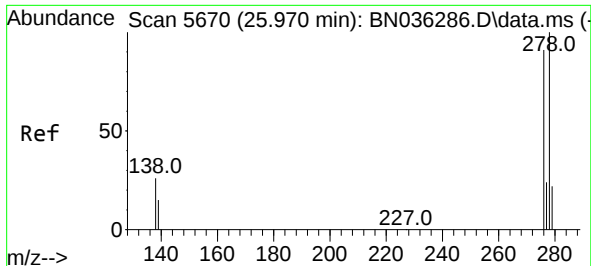
Ion Ratio Lower Upper

276 100

138 28.8 20.2 30.4

227 0.1 0.1 0.1#

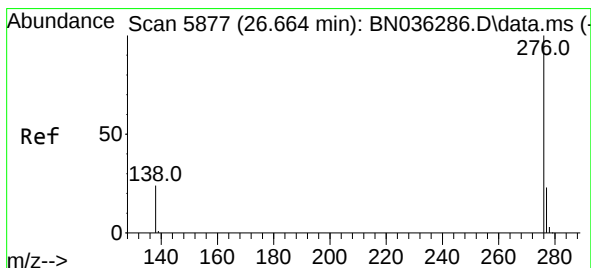
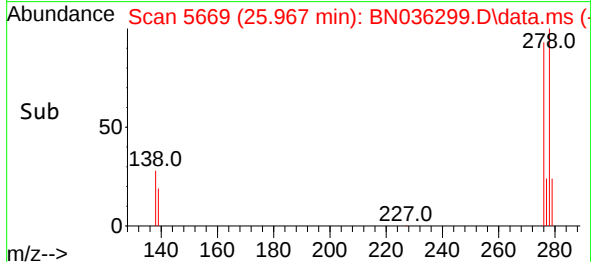
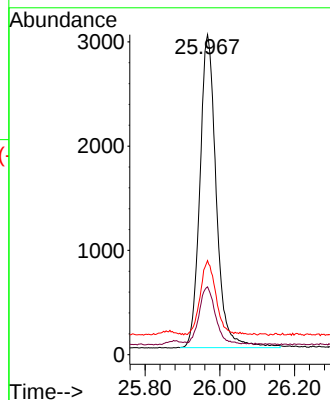
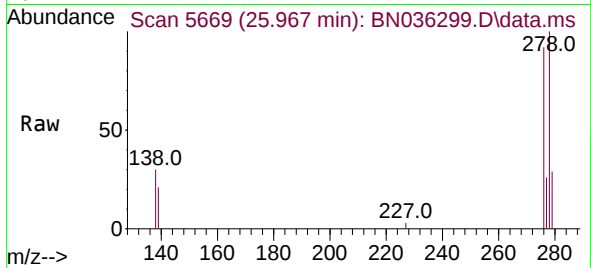




#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 25.967 min Scan# 5669
Delta R.T. -0.031 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Instrument :
BNA_N
ClientSampleId :
SLCS451

Tgt Ion:278 Resp: 9114
Ion Ratio Lower Upper
278 100
139 21.2 15.4 23.2
279 29.4 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 26.665 min Scan# 5877
Delta R.T. -0.038 min
Lab File: BN036299.D
Acq: 05 Feb 2025 15:41

Tgt Ion:276 Resp: 9376
Ion Ratio Lower Upper
276 100
138 26.4 19.4 29.0
277 26.7 21.1 31.7

