

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
 Data File : BN035957.D
 Acq On : 17 Jan 2025 18:02
 Operator : RC/JU
 Sample : PB166088BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS088

Quant Time: Jan 18 00:11:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 10:40:45 2025
 Response via : Initial Calibration

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

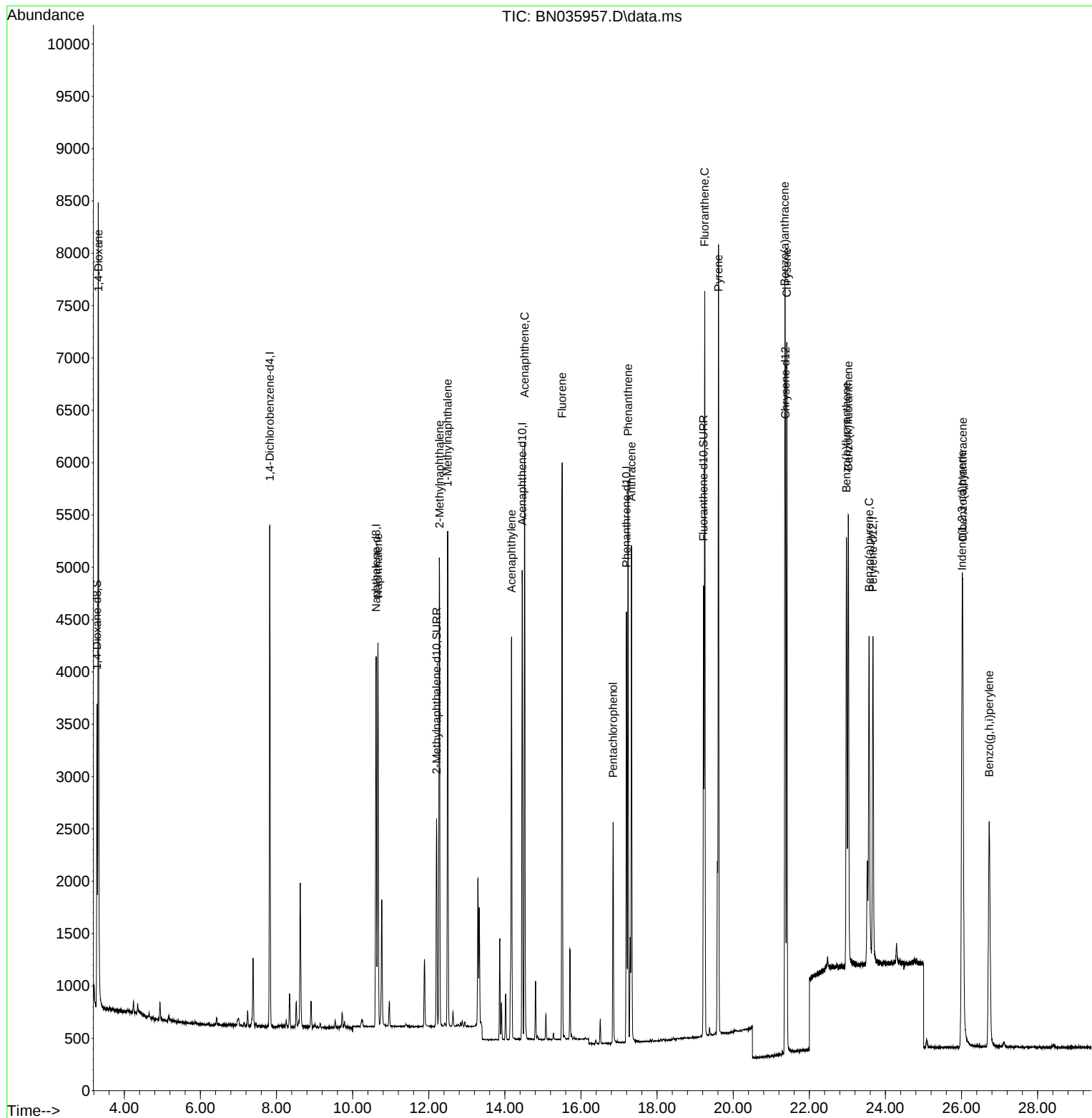
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	2310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	4623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	2371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	4721	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	4024	0.400	ng/ul	0.00
23) Perylene-d12	23.672	264	4091	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1691	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	2414	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	4670	0.438	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	4628	1.825	ng/ul#	81
5) Naphthalene	10.666	128	4827	0.392	ng/ul	99
7) 2-Methylnaphthalene	12.282	142	2969	0.380	ng/ul	99
8) 1-Methylnaphthalene	12.497	142	2961	0.376	ng/ul	99
10) Acenaphthylene	14.177	152	4177	0.376	ng/ul	99
11) Acenaphthene	14.519	153	3097	0.400	ng/ul	98
12) Fluorene	15.505	166	3327	0.400	ng/ul	99
14) Pentachlorophenol	16.845	266	1279	1.130	ng/ul	96
15) Phenanthrene	17.238	178	5319	0.409	ng/ul	99
16) Anthracene	17.326	178	4883	0.388	ng/ul	99
19) Fluoranthene	19.252	202	5940	0.424	ng/ul	99
20) Pyrene	19.614	202	6182	0.423	ng/ul	99
21) Benzo(a)anthracene	21.357	228	5460	0.397	ng/ul	100
22) Chrysene	21.409	228	5667	0.415	ng/ul	100
24) Benzo(b)fluoranthene	22.976	252	5238	0.425	ng/ul	98
25) Benzo(k)fluoranthene	23.025	252	5828	0.461	ng/ul	99
26) Benzo(a)pyrene	23.569	252	4776	0.413	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.014	276	6090	0.406	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.031	278	4794	0.406	ng/ul	98
29) Benzo(g,h,i)perylene	26.729	276	4748	0.399	ng/ul	99

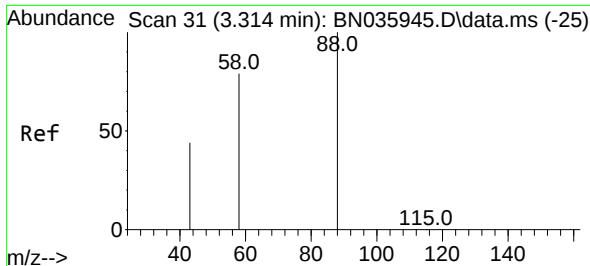
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration

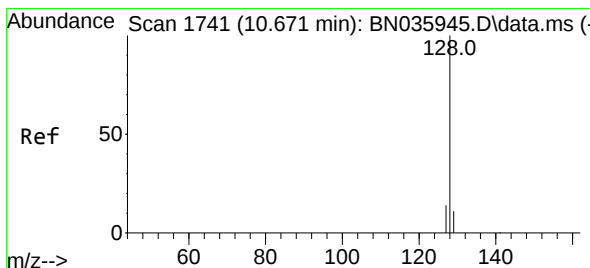
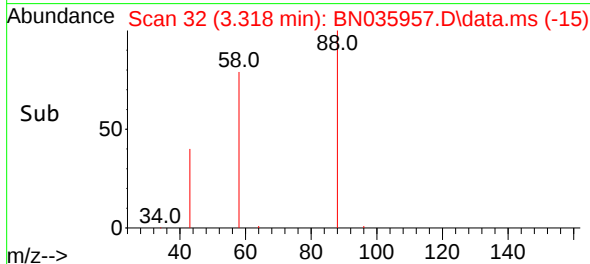
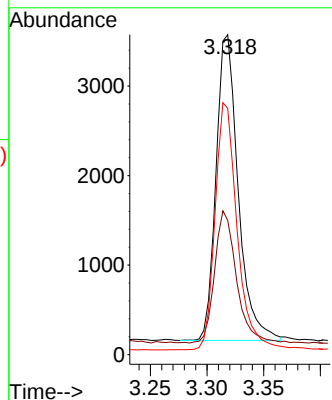
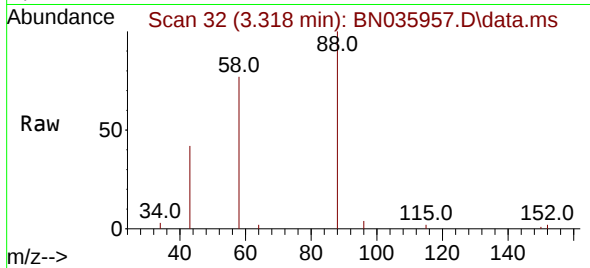




#2
1,4-Dioxane
Concen: 1.825 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

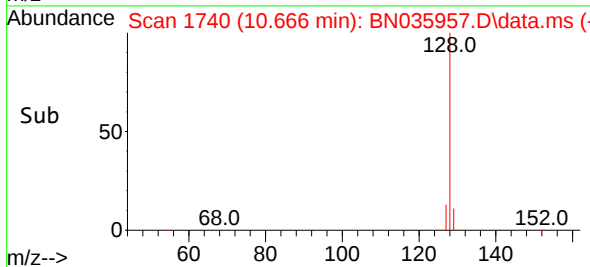
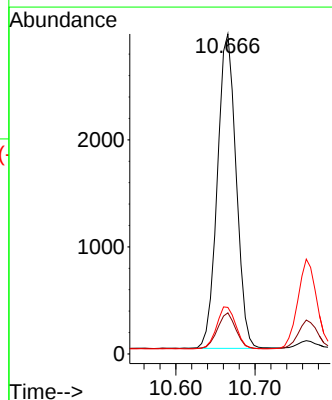
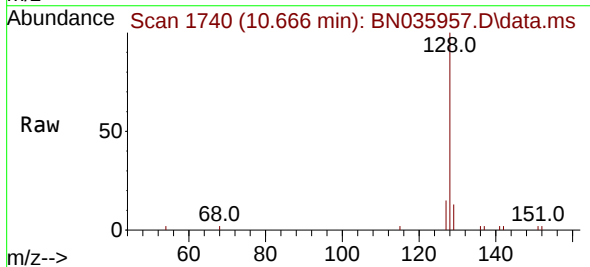
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BNA_N
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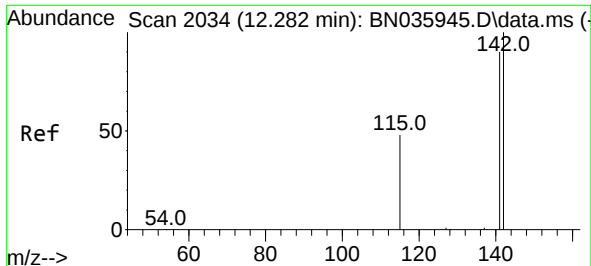
Tgt Ion: 88 Resp: 4628
Ion Ratio Lower Upper
88 100
43 42.0 57.8 86.8#
58 76.9 60.0 90.0



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.666 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:128 Resp: 4827
Ion Ratio Lower Upper
128 100
129 12.8 10.6 16.0
127 14.6 12.0 18.0

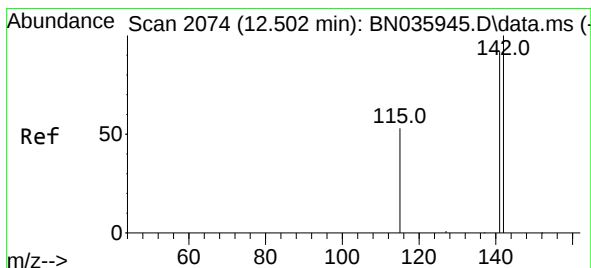
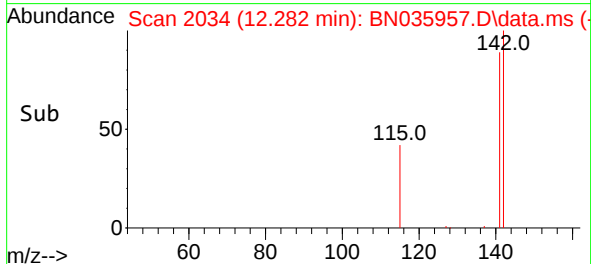
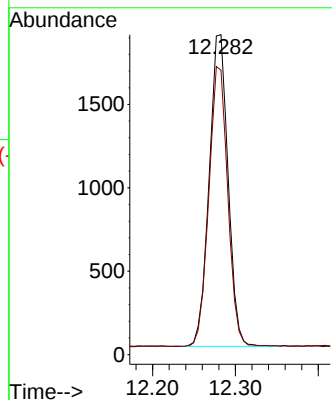
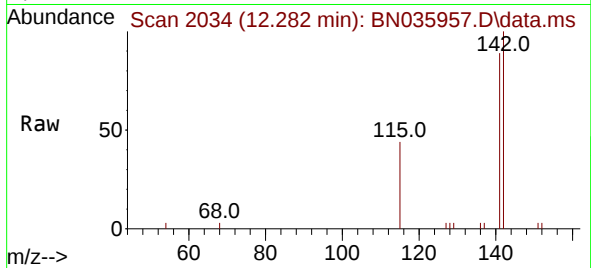




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.282 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

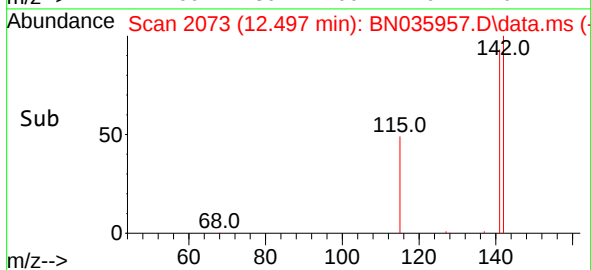
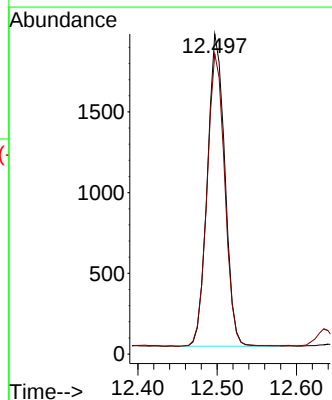
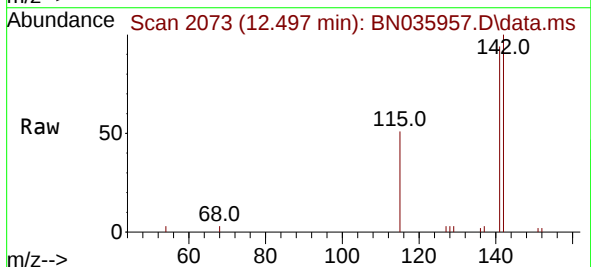
Instrument :
BNA_N
ClientSampleId :
SLCS088

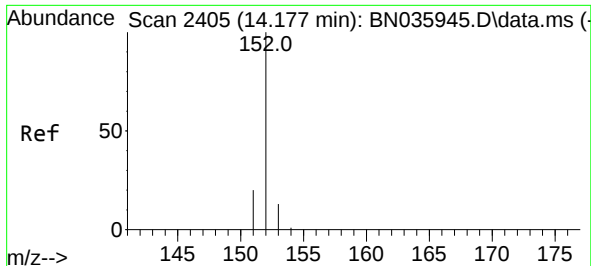
Tgt Ion:142 Resp: 2969
Ion Ratio Lower Upper
142 100
141 89.9 72.6 109.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.497 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:142 Resp: 2961
Ion Ratio Lower Upper
142 100
141 95.2 75.1 112.7

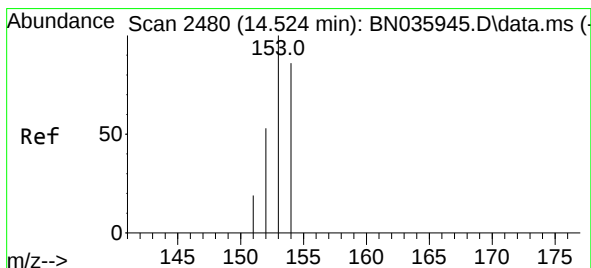
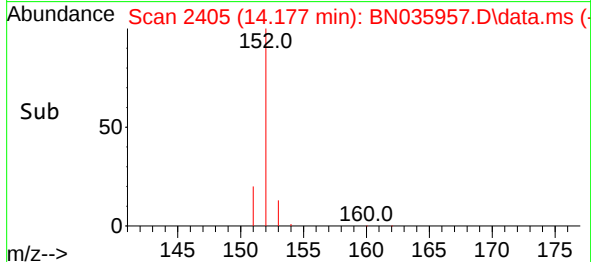
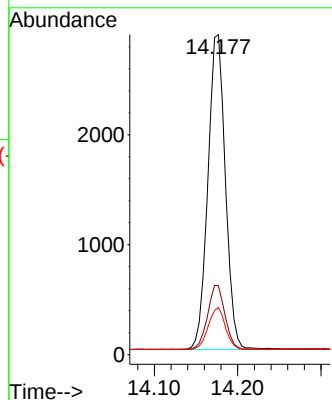
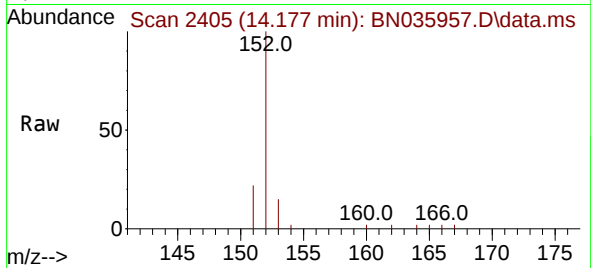




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.177 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

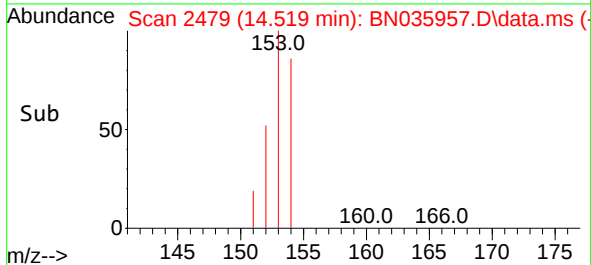
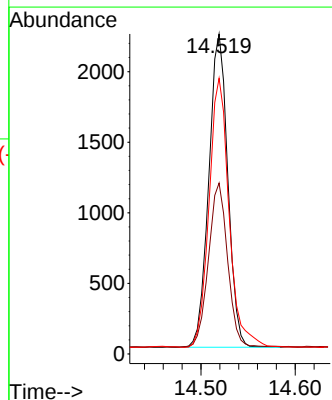
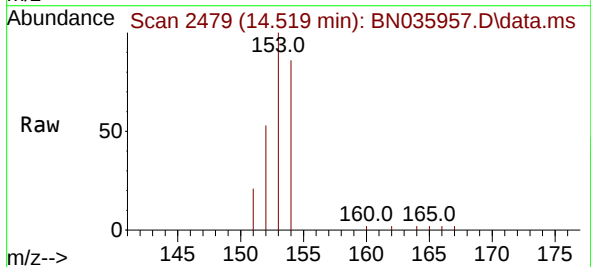
Instrument :
BNA_N
ClientSampleId :
SLCS088

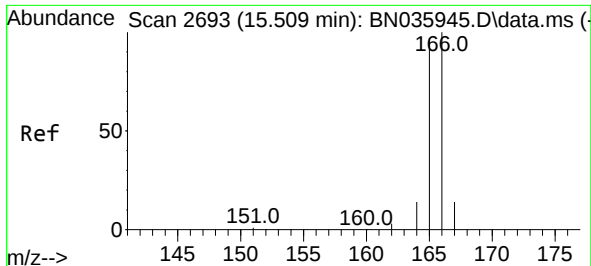
Tgt Ion:152 Resp: 4177
Ion Ratio Lower Upper
152 100
151 21.5 17.8 26.6
153 14.8 11.9 17.9



#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.519 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:153 Resp: 3097
Ion Ratio Lower Upper
153 100
152 53.4 40.6 60.8
154 86.1 69.4 104.0

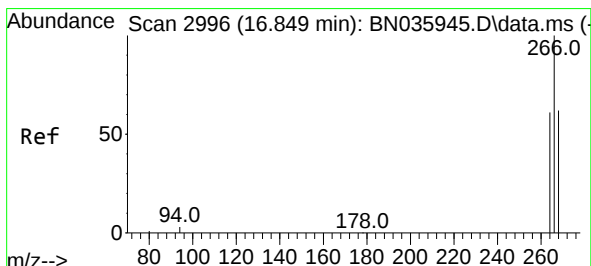
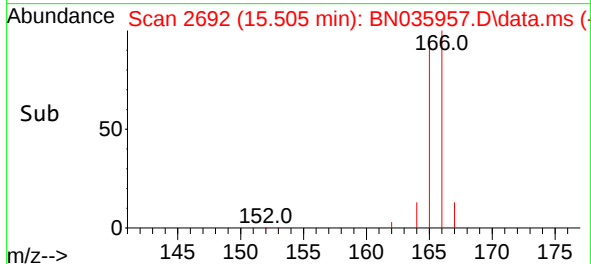
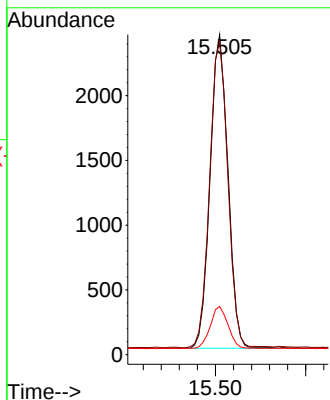
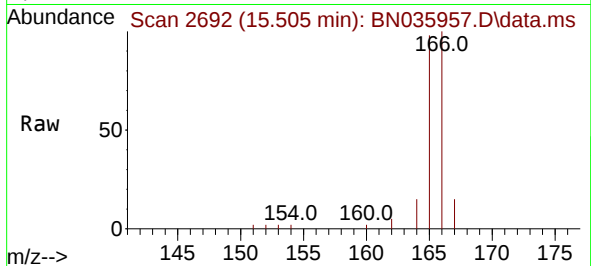




#12
 Fluorene
 Concen: 0.400 ng/ul
 RT: 15.505 min Scan# 2693
 Delta R.T. -0.005 min
 Lab File: BN035957.D
 Acq: 17 Jan 2025 18:02

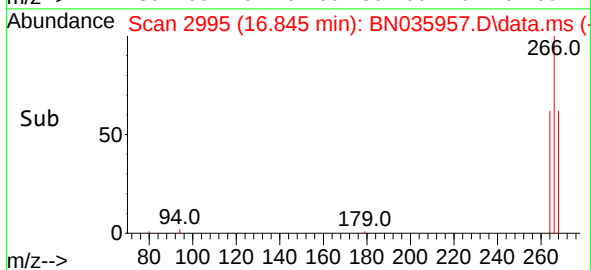
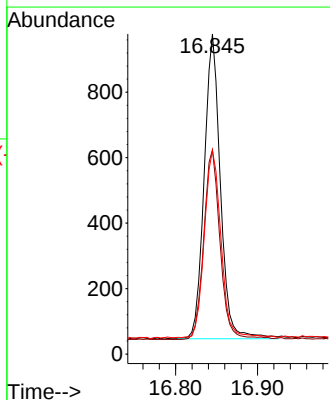
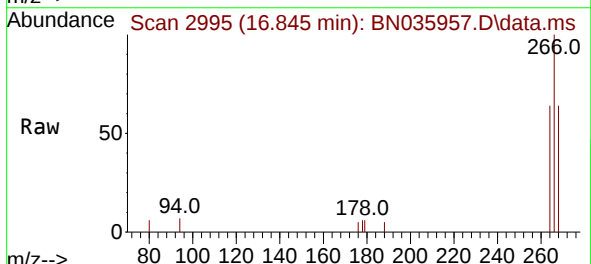
Instrument :
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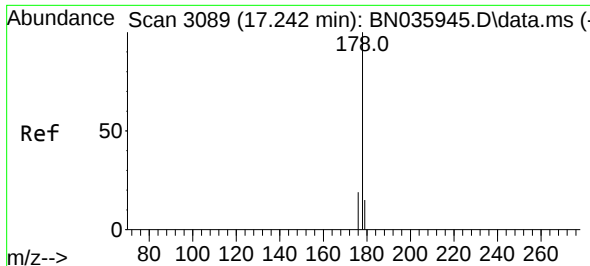
Tgt Ion:166 Resp: 3327
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.0 118.6
 167 15.1 12.2 18.4



#14
 Pentachlorophenol
 Concen: 1.130 ng/ul
 RT: 16.845 min Scan# 2995
 Delta R.T. -0.004 min
 Lab File: BN035957.D
 Acq: 17 Jan 2025 18:02

Tgt Ion:266 Resp: 1279
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.1 75.1
 268 63.0 55.5 83.3

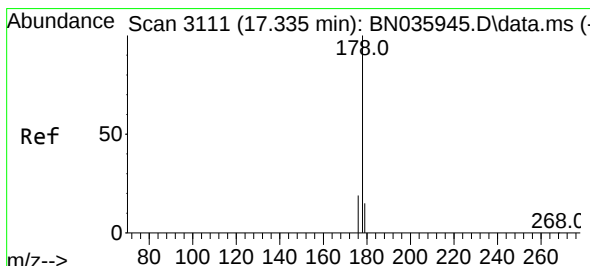
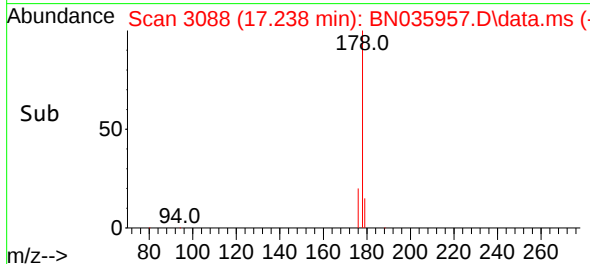
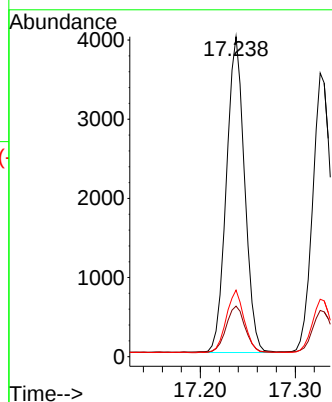
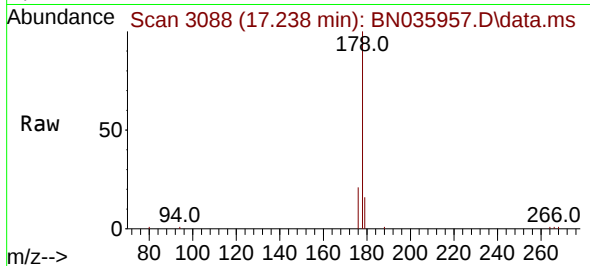




#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.238 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

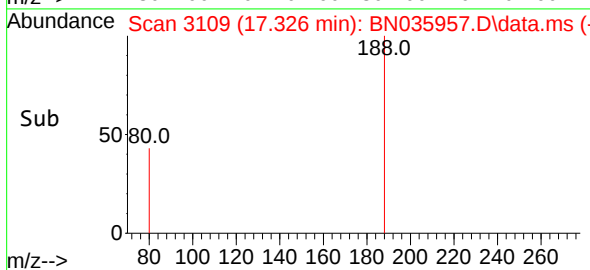
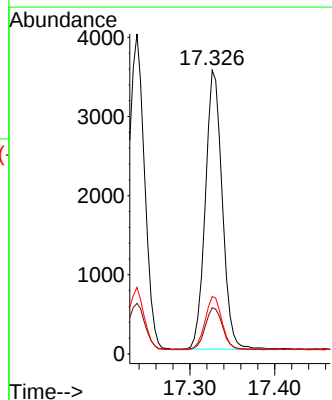
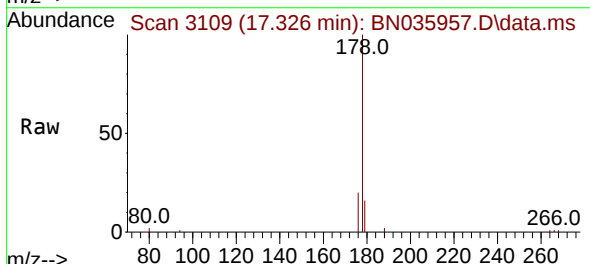
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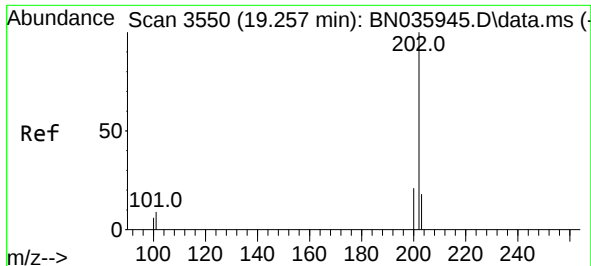
Tgt Ion:178 Resp: 5319
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.0
176 20.8 16.8 25.2



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:178 Resp: 4883
Ion Ratio Lower Upper
178 100
179 16.3 13.8 20.8
176 20.3 16.3 24.5

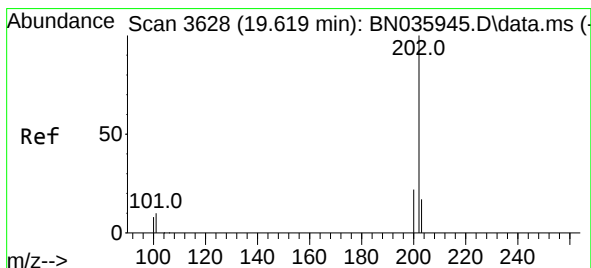
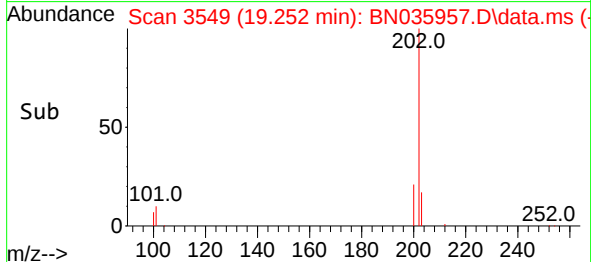
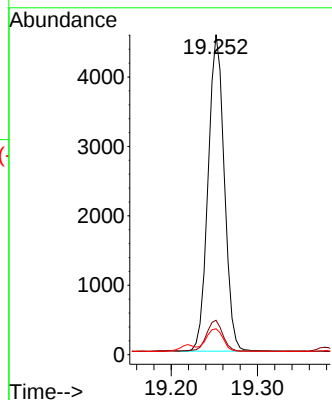
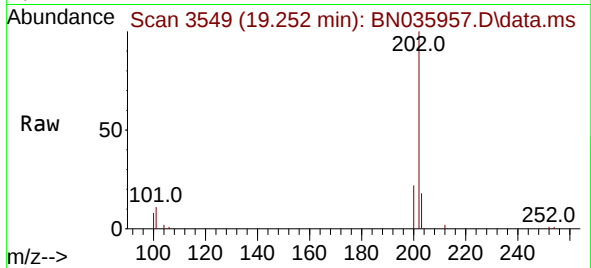




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

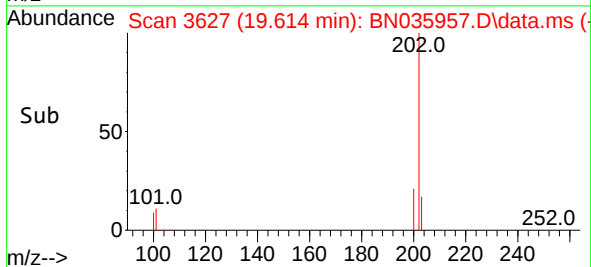
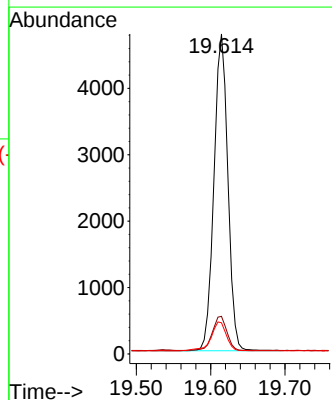
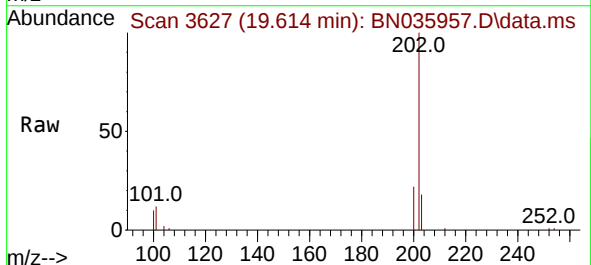
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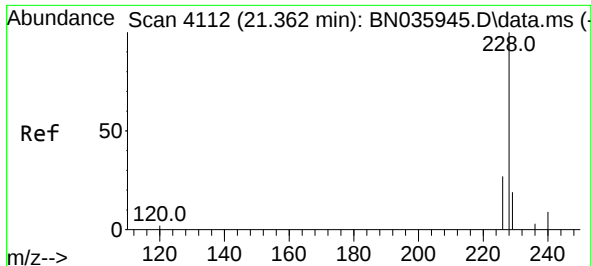
Tgt Ion:202 Resp: 5940
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.1 7.1 10.7



#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.614 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:202 Resp: 6182
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 9.8 8.2 12.2

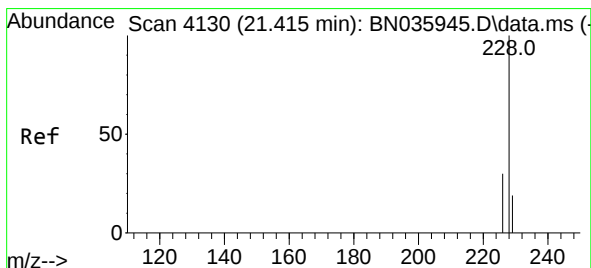
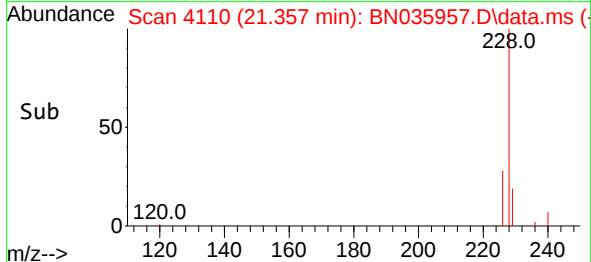
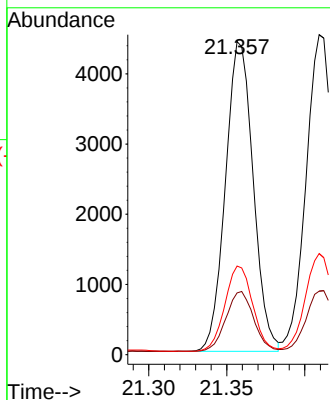
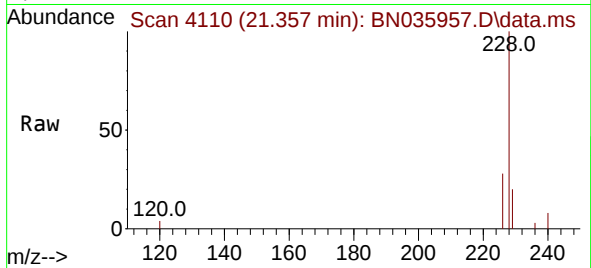




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.357 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

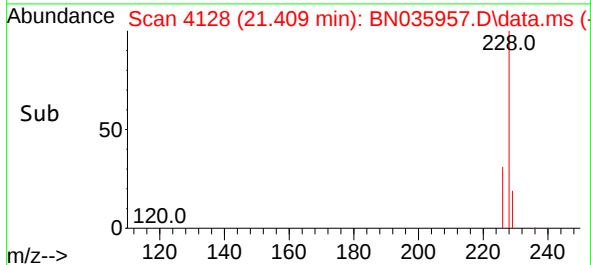
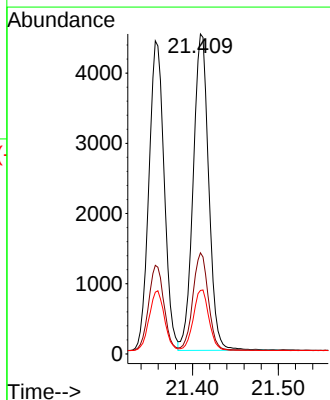
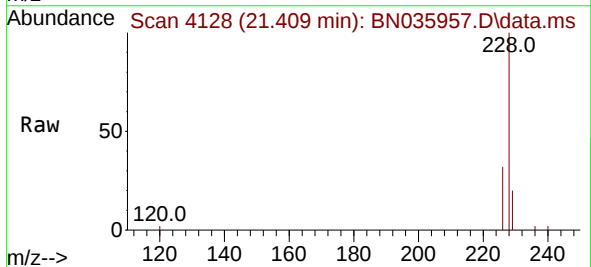
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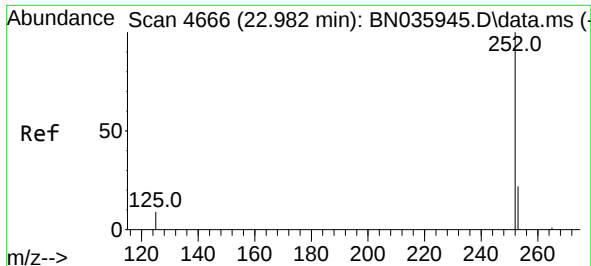
Tgt Ion:228 Resp: 5460
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 28.3 22.4 33.6



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.409 min Scan# 4128
Delta R.T. -0.006 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:228 Resp: 5667
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 19.8 15.9 23.9

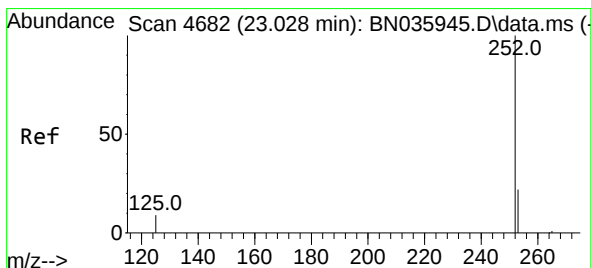
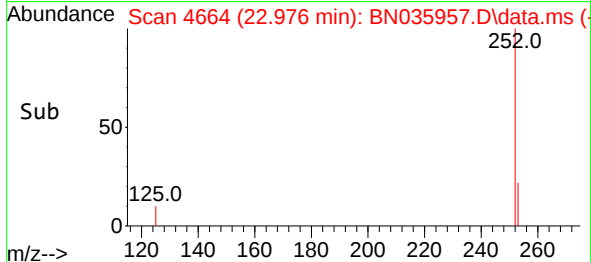
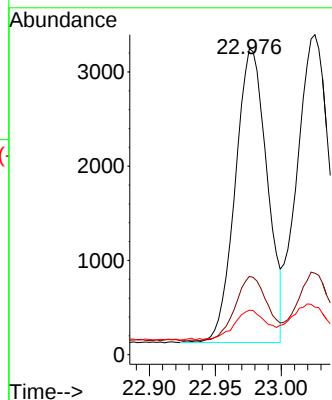
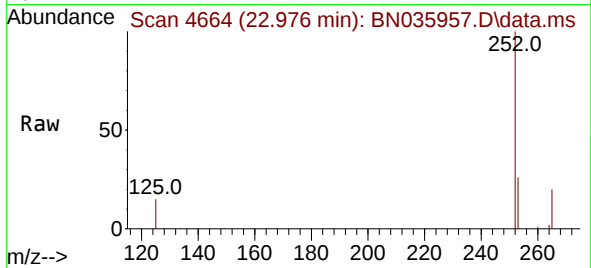




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.976 min Scan# 4664
Delta R.T. -0.012 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

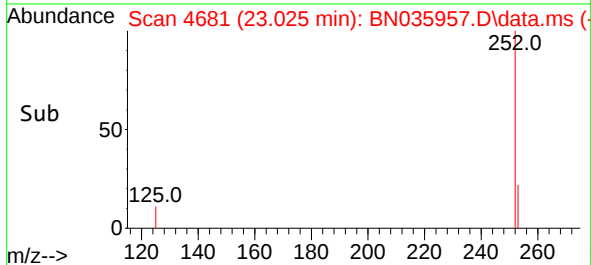
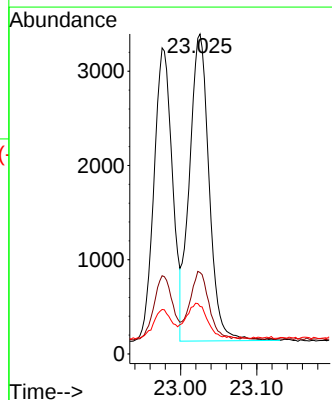
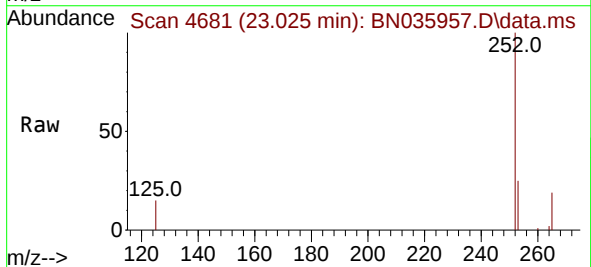
Instrument :
BNA_N
ClientSampleId :
SLCS088

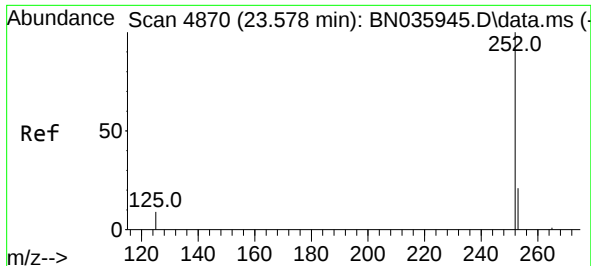
Tgt Ion:252 Resp: 5238
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.4
125 14.5 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.461 ng/ul
RT: 23.025 min Scan# 4681
Delta R.T. -0.006 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:252 Resp: 5828
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.8
125 14.8 11.4 17.0

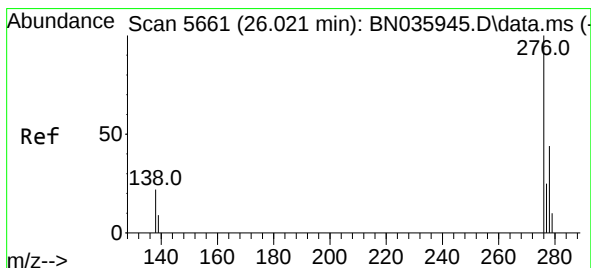
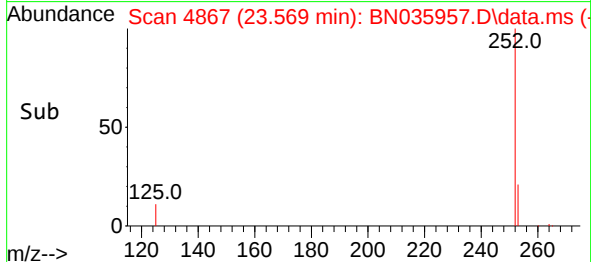
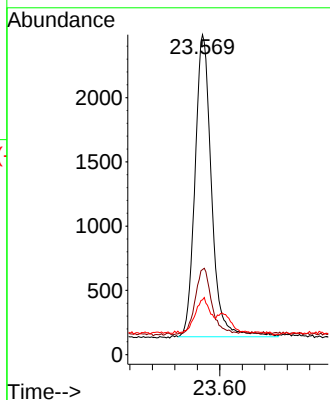
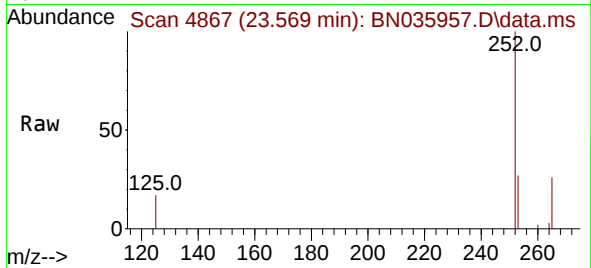




#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.569 min Scan# 4867
Delta R.T. -0.009 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

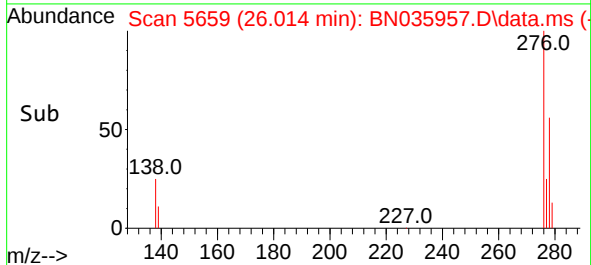
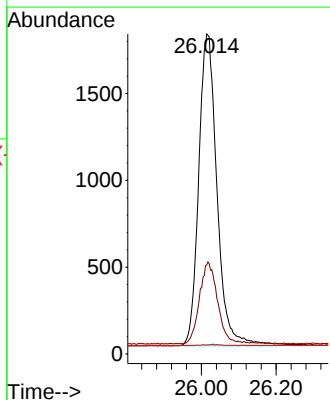
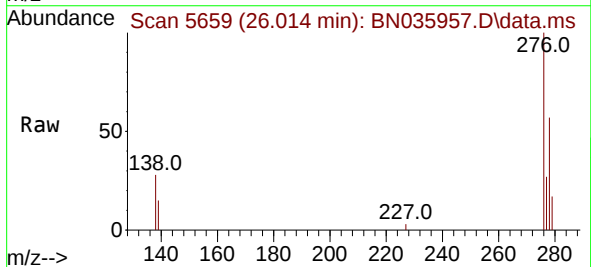
Instrument :
BNA_N
ClientSampleId :
SLCS088

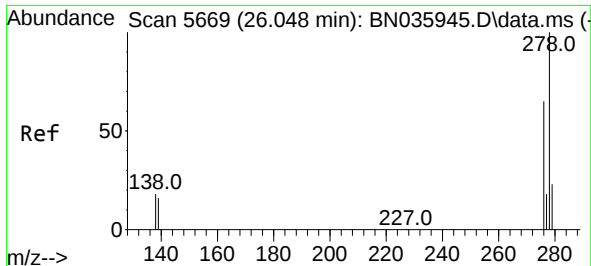
Tgt Ion:252	Resp:	4776
Ion Ratio	Lower	Upper
252	100	
253	26.6	20.2 30.4
125	17.1	12.2 18.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.014 min Scan# 5659
Delta R.T. -0.013 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:276	Resp:	6090
Ion Ratio	Lower	Upper
276	100	
138	25.8	0.1 0.1#
227	0.1	0.0 0.0#



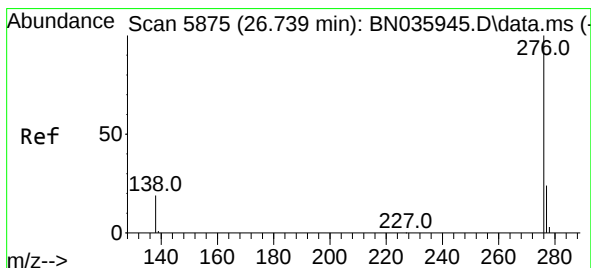
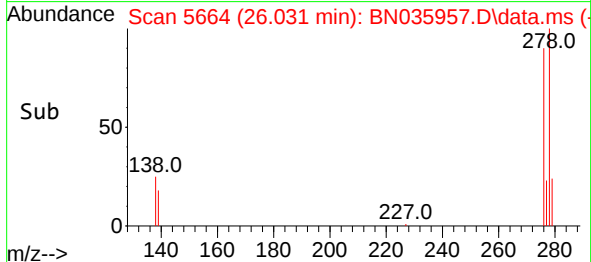
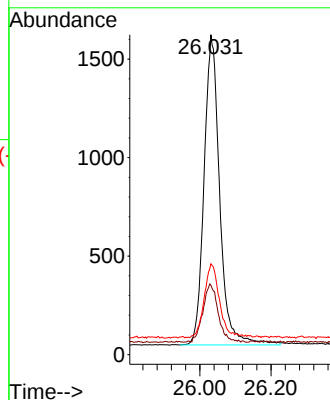
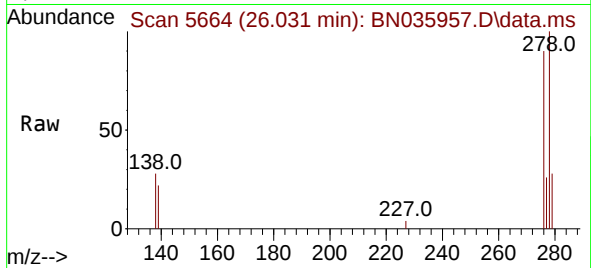


#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.031 min Scan# 5664
Delta R.T. -0.017 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Instrument :
BNA_N
ClientSampleId :
SLCS088

Tgt Ion:278 Resp: 4794

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.5	23.3
279	28.4	22.8	34.2



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.729 min Scan# 5872
Delta R.T. -0.010 min
Lab File: BN035957.D
Acq: 17 Jan 2025 18:02

Tgt Ion:276 Resp: 4748

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.9	29.9
277	25.7	21.0	31.6

