

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035188.D
 Acq On : 20 Nov 2024 07:28
 Operator : RC/JU
 Sample : PB165077BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS077

Quant Time: Nov 20 07:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

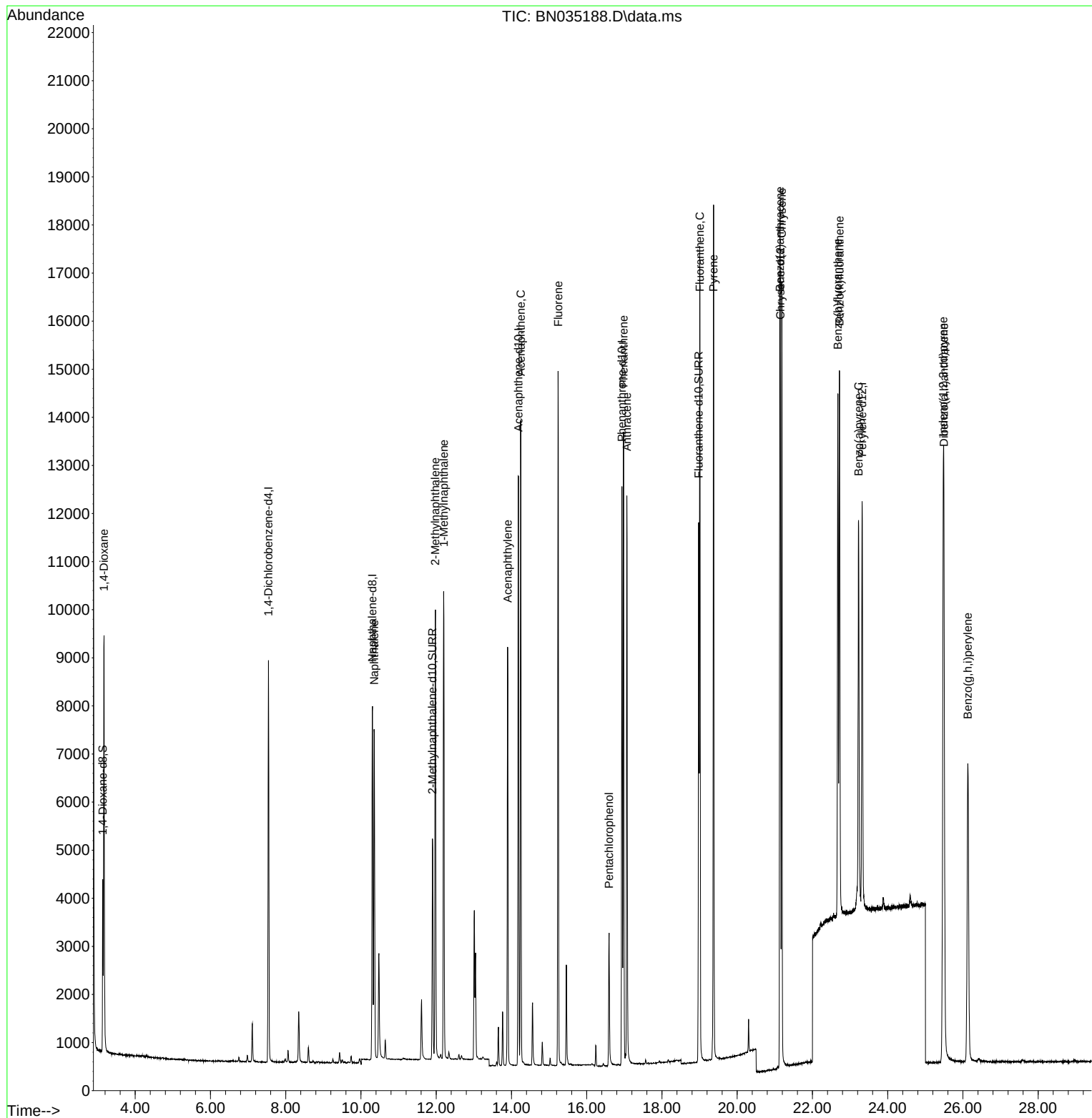
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	4190	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	10220	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	6826	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	14125	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	10190	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	10432	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	2535	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	6195	0.414	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	13009	0.463	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	6703	1.612	ng/ul#	94
5) Naphthalene	10.350	128	9256	0.360	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	6544	0.366	ng/ul	98
8) 1-Methylnaphthalene	12.198	142	6631	0.368	ng/ul	99
10) Acenaphthylene	13.898	152	9725	0.359	ng/ul	100
11) Acenaphthene	14.245	153	7534	0.364	ng/ul	99
12) Fluorene	15.239	166	8732	0.359	ng/ul	99
14) Pentachlorophenol	16.595	266	1944	0.591	ng/ul	98
15) Phenanthrene	16.979	178	13600	0.364	ng/ul	100
16) Anthracene	17.068	178	12325	0.356	ng/ul	99
19) Fluoranthene	19.005	202	14808	0.417	ng/ul	99
20) Pyrene	19.372	202	15006	0.406	ng/ul	99
21) Benzo(a)anthracene	21.134	228	13241	0.374	ng/ul	100
22) Chrysene	21.186	228	13807	0.388	ng/ul	99
24) Benzo(b)fluoranthene	22.673	252	13639	0.396	ng/ul	99
25) Benzo(k)fluoranthene	22.717	252	14202	0.399	ng/ul	97
26) Benzo(a)pyrene	23.226	252	12065	0.383	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.477	276	16514	0.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.493	278	12917	0.387	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	12986	0.387	ng/ul	100

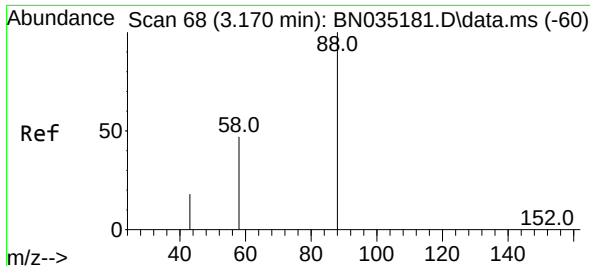
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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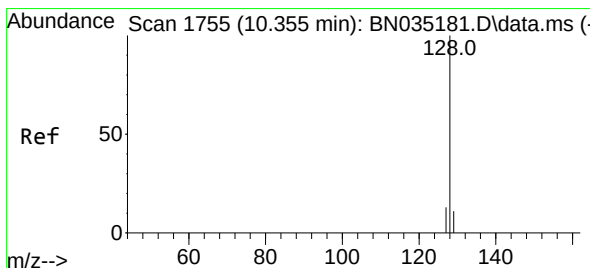
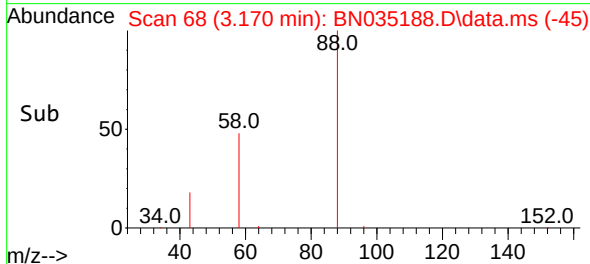
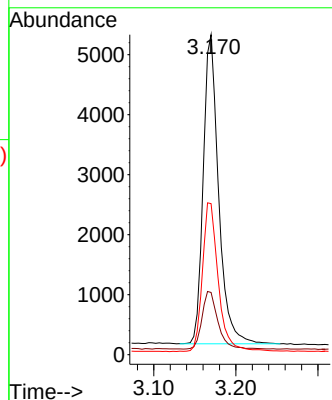
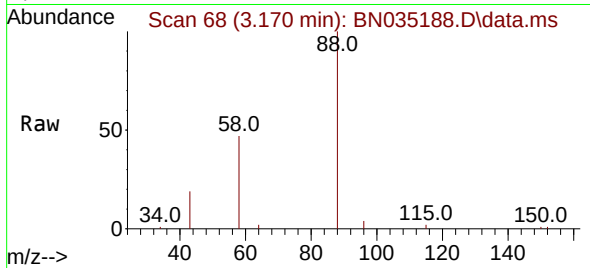




#2
 1,4-Dioxane
 Concen: 1.612 ng/ul
 RT: 3.170 min Scan# 68
 Delta R.T. -0.004 min
 Lab File: BN035188.D
 Acq: 20 Nov 2024 07:28

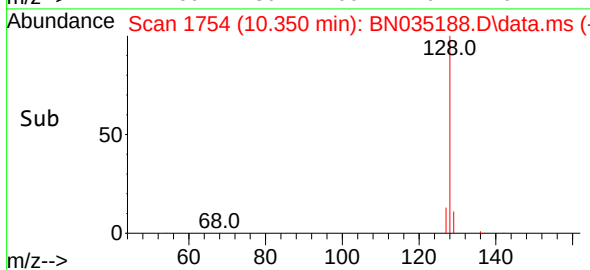
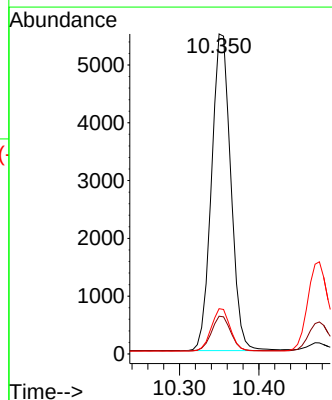
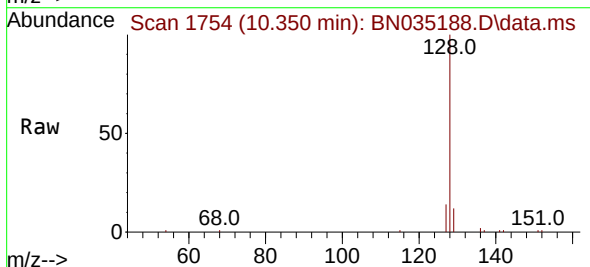
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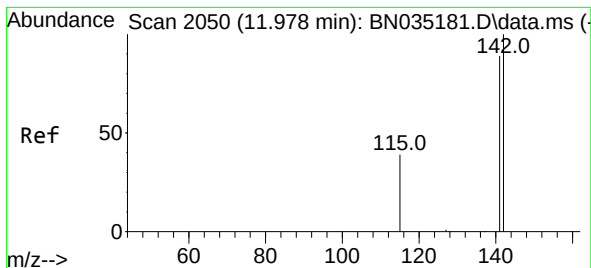
Tgt Ion: 88 Resp: 6703
 Ion Ratio Lower Upper
 88 100
 43 19.4 20.6 31.0#
 58 47.2 36.2 54.4



#5
 Naphthalene
 Concen: 0.360 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035188.D
 Acq: 20 Nov 2024 07:28

Tgt Ion: 128 Resp: 9256
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.9 14.9
 127 14.2 11.4 17.2

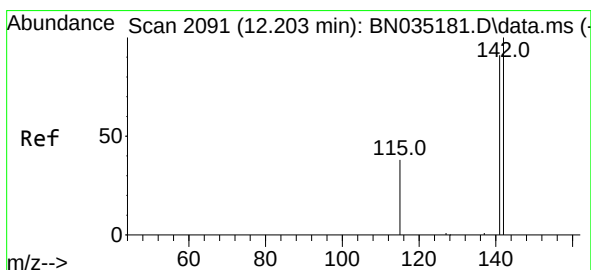
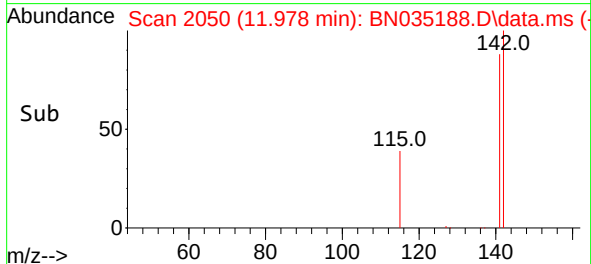
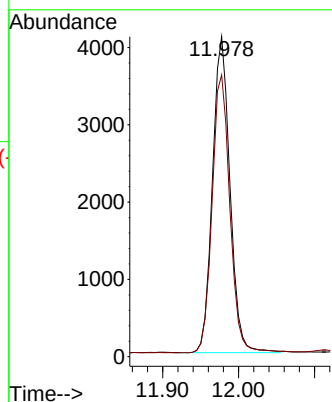
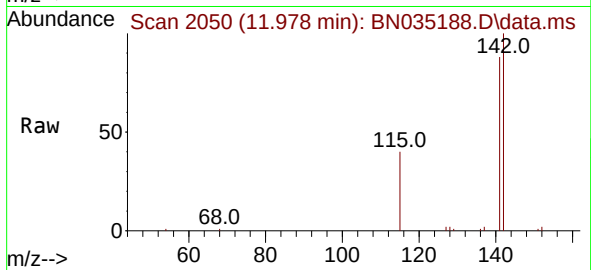




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

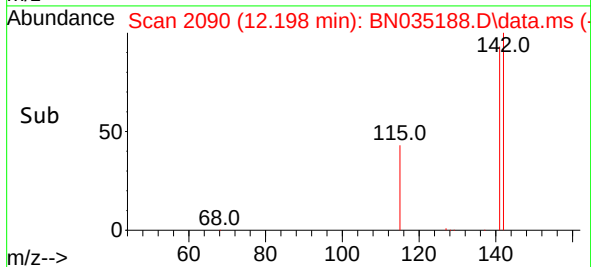
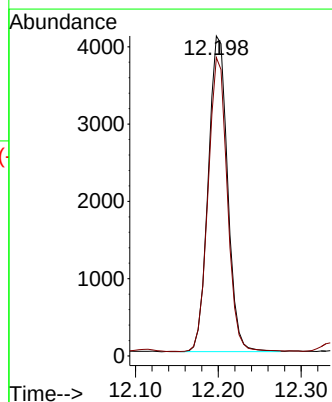
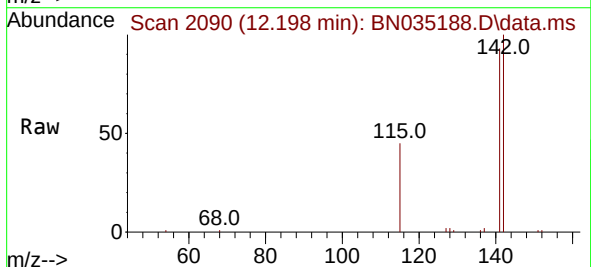
Instrument :
BNA_N
ClientSampleId :
SLCS077

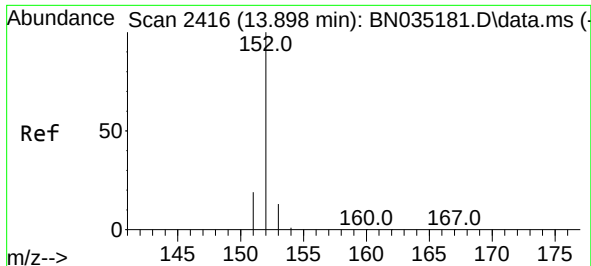
Tgt Ion:142 Resp: 6544
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:142 Resp: 6631
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7

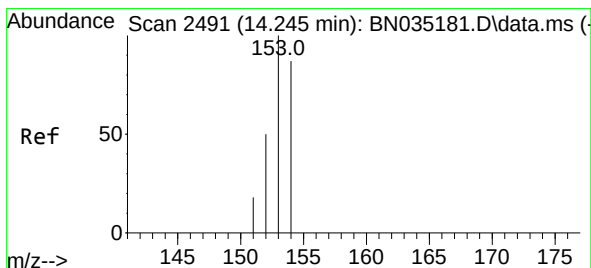
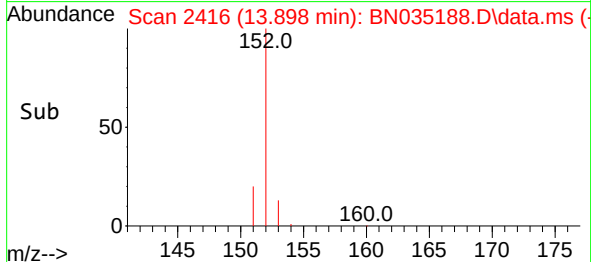
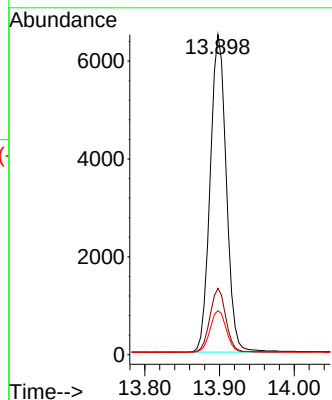
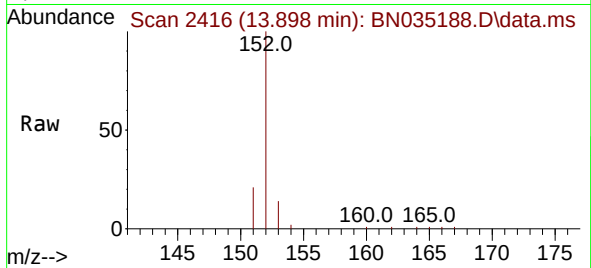




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

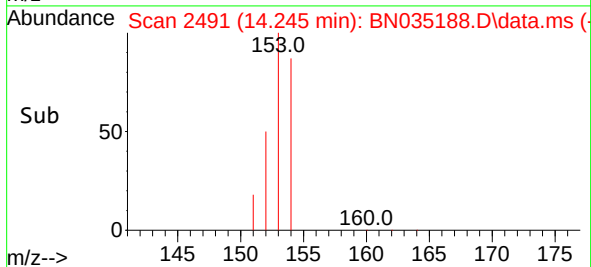
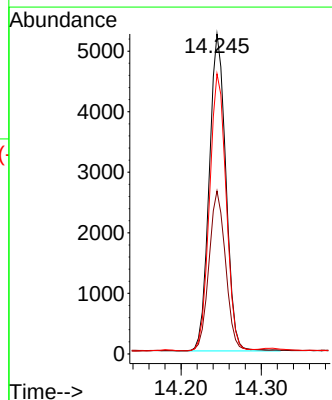
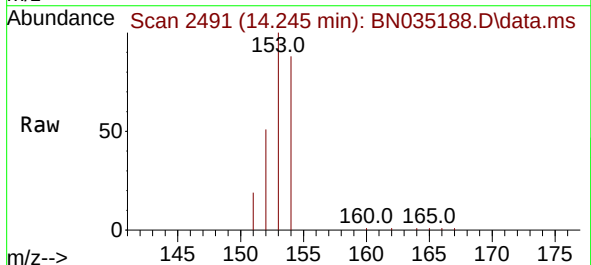
Instrument :
BNA_N
ClientSampleId :
SLCS077

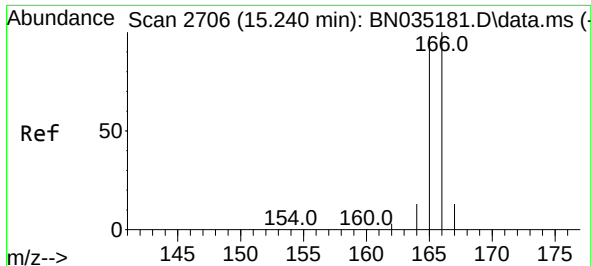
Tgt Ion:152 Resp: 9725
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:153 Resp: 7534
Ion Ratio Lower Upper
153 100
152 50.9 41.4 62.0
154 87.5 71.2 106.8

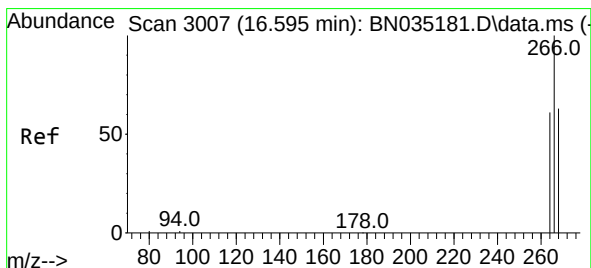
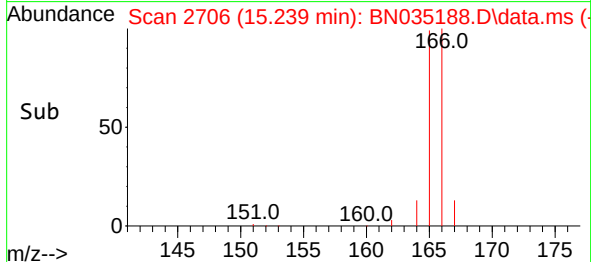
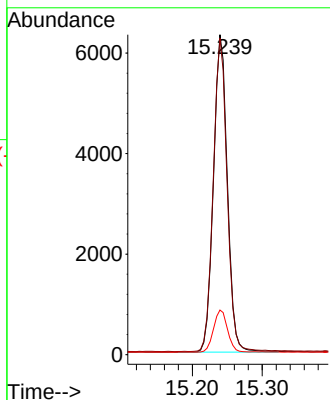
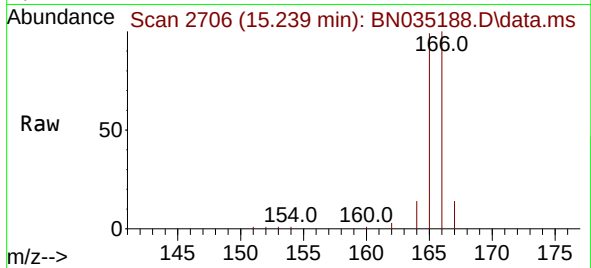




#12
 Fluorene
 Concen: 0.359 ng/ul
 RT: 15.239 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN035188.D
 Acq: 20 Nov 2024 07:28

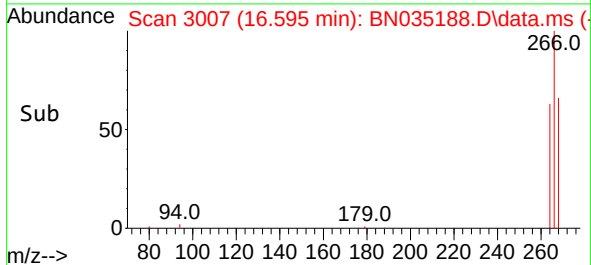
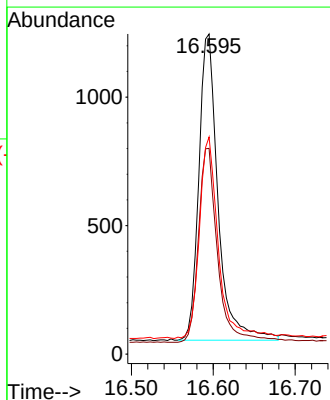
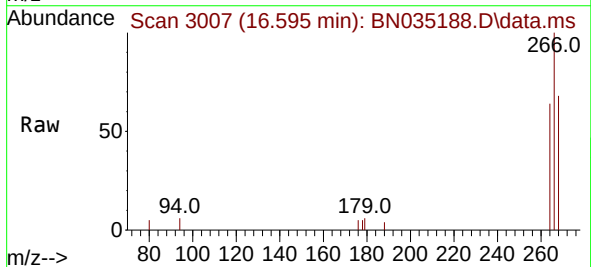
Instrument :
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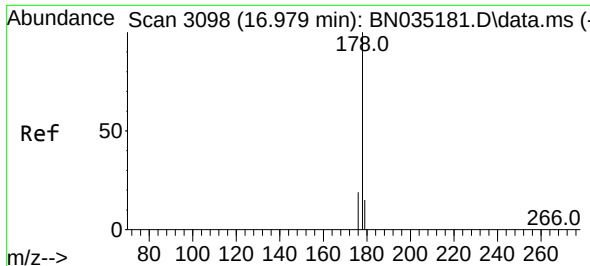
Tgt Ion:166 Resp: 8732
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 118.0
 167 13.9 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.591 ng/ul
 RT: 16.595 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BN035188.D
 Acq: 20 Nov 2024 07:28

Tgt Ion:266 Resp: 1944
 Ion Ratio Lower Upper
 266 100
 264 63.0 51.8 77.6
 268 64.9 51.3 76.9

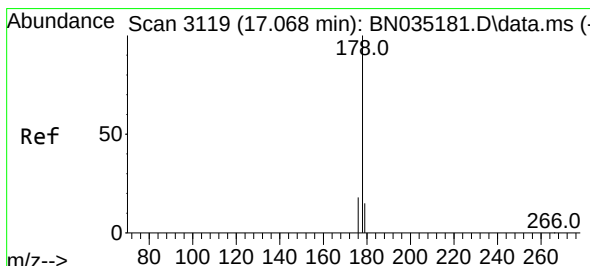
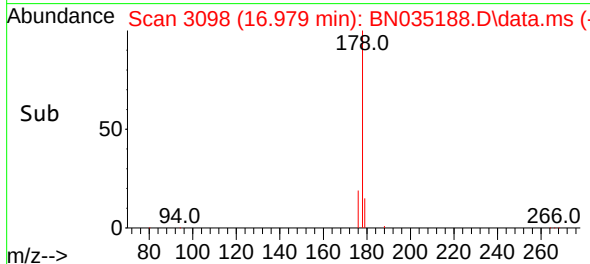
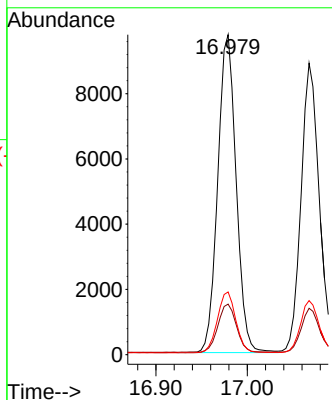
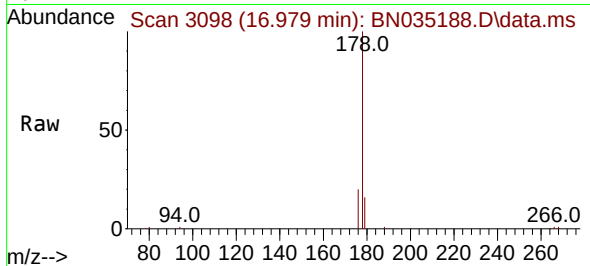




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

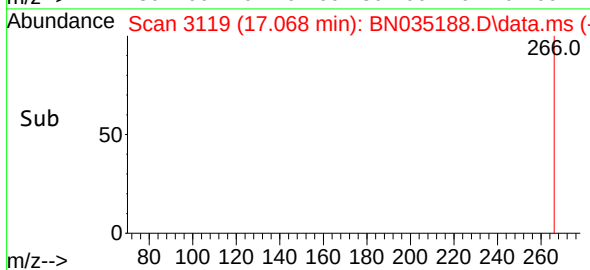
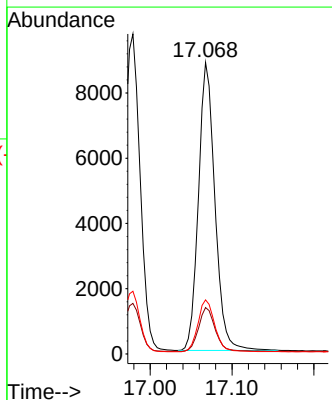
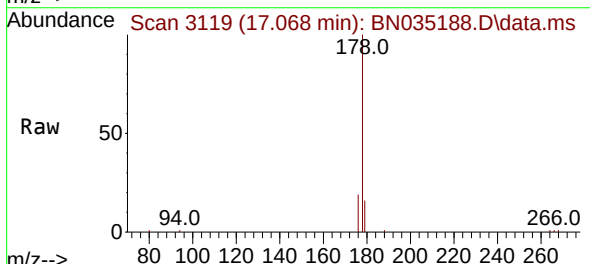
Instrument :
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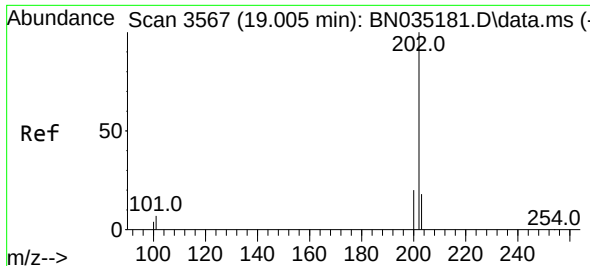
Tgt Ion:	178	Resp:	13600
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.6	15.6	23.4



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:	178	Resp:	12325
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	18.6	15.4	23.2

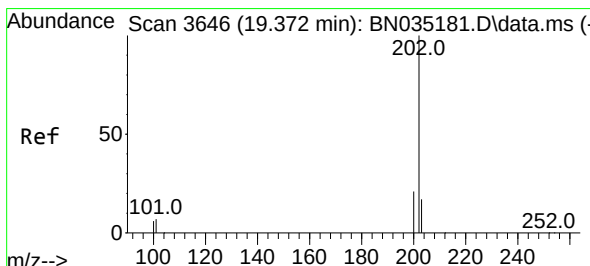
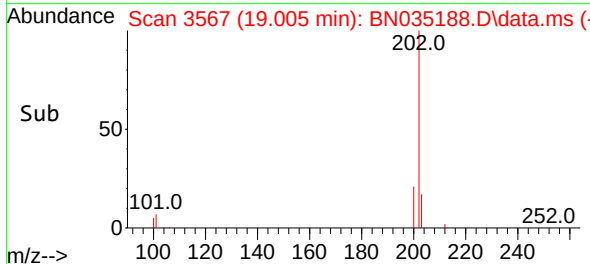
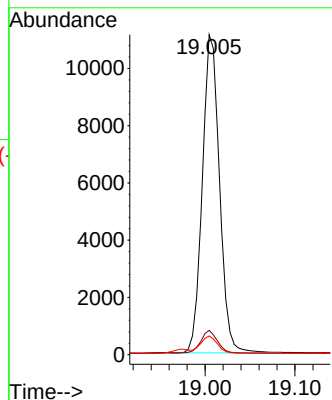
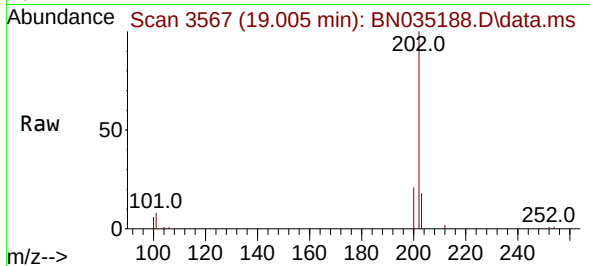




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

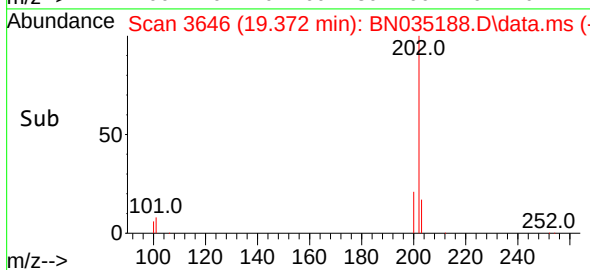
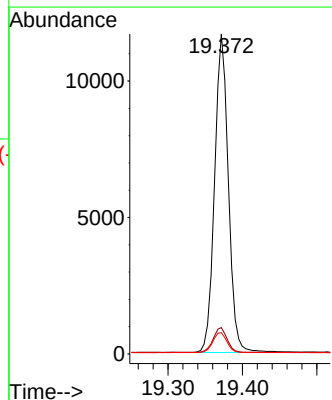
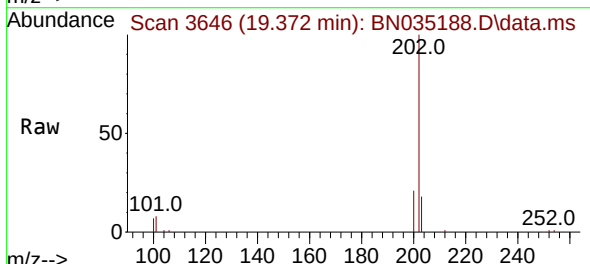
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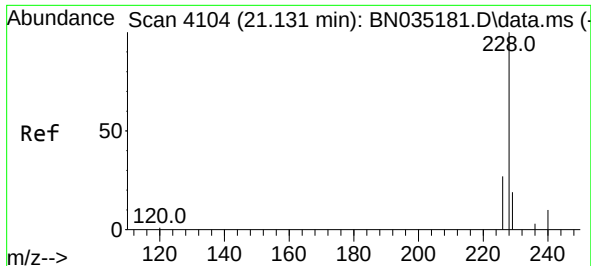
Tgt Ion:	202	Resp:	14808
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.8	8.6
100	5.9	4.5	6.7



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:	202	Resp:	15006
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.2	9.4
100	6.7	5.1	7.7

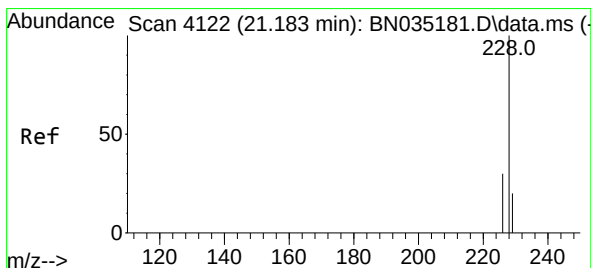
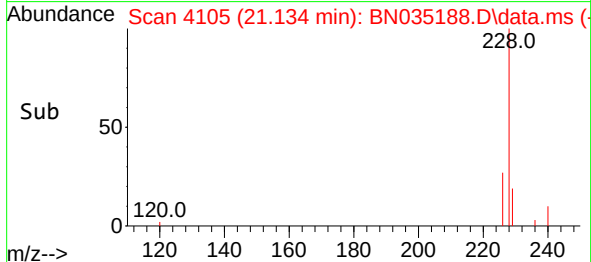
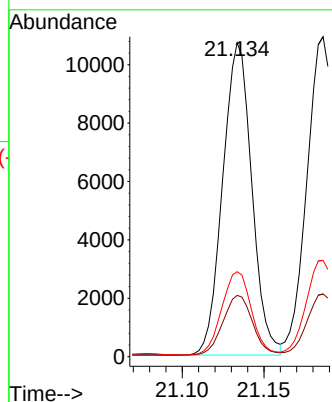
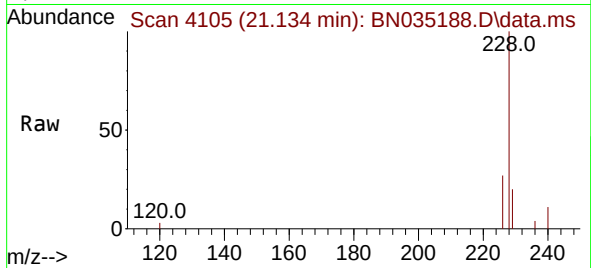




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.134 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

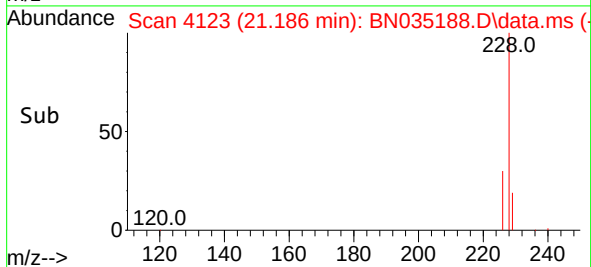
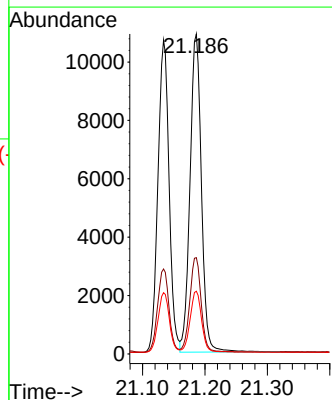
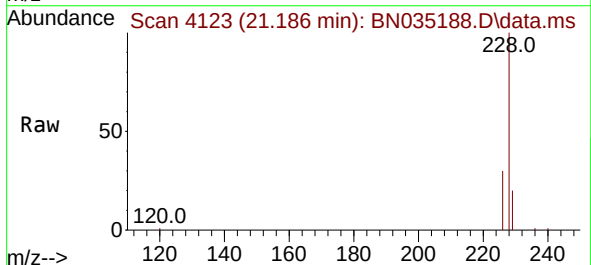
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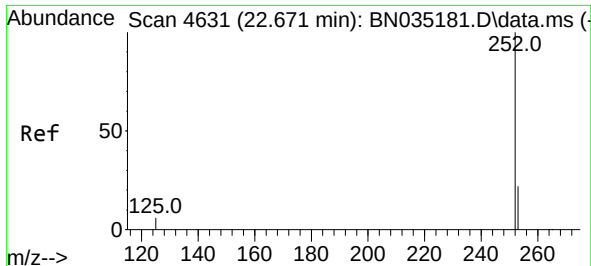
Tgt Ion:228 Resp: 13241
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.1 21.8 32.8



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:228 Resp: 13807
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.6 16.0 24.0

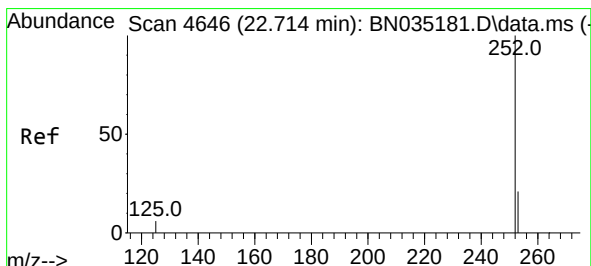
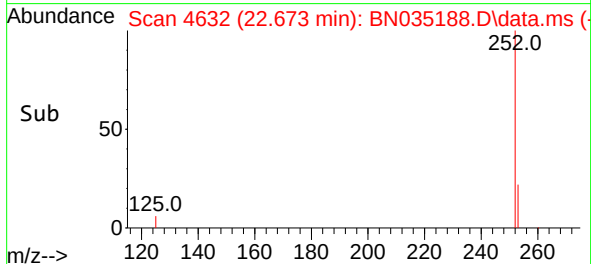
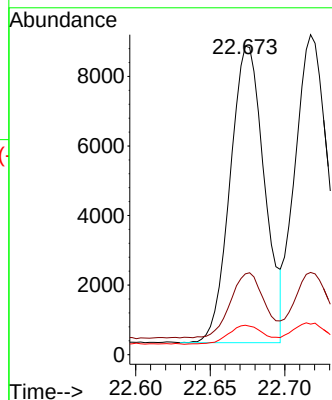
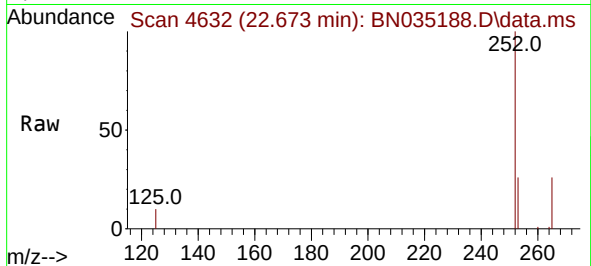




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 22.673 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

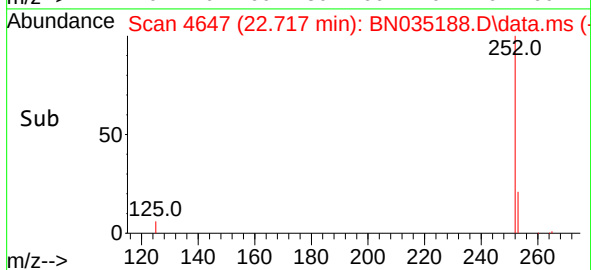
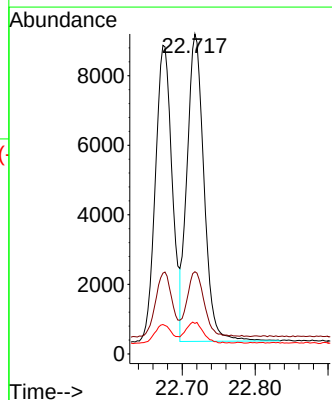
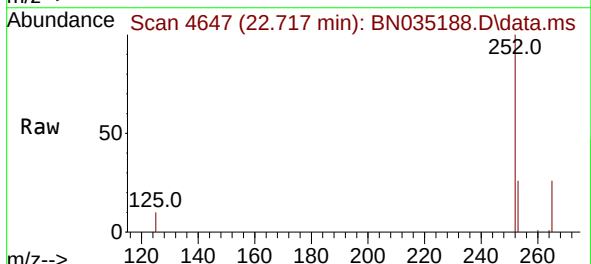
Instrument :
BNA_N
ClientSampleId :
SLCS077

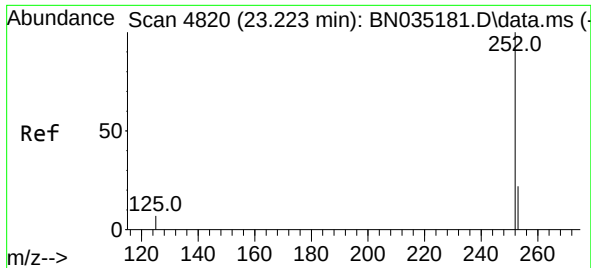
Tgt Ion:252 Resp: 13639
Ion Ratio Lower Upper
252 100
253 26.2 0.0 54.0
125 9.5 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:252 Resp: 14202
Ion Ratio Lower Upper
252 100
253 25.7 21.8 32.6
125 9.6 8.6 12.8

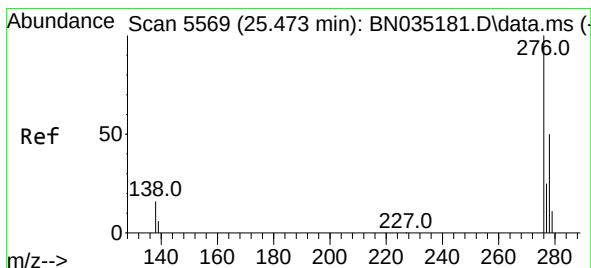
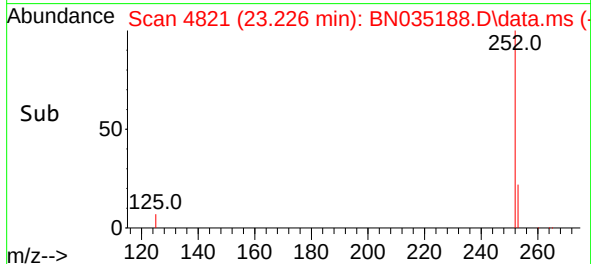
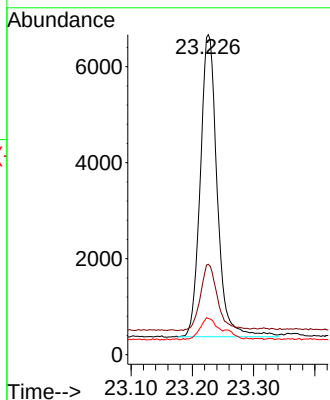
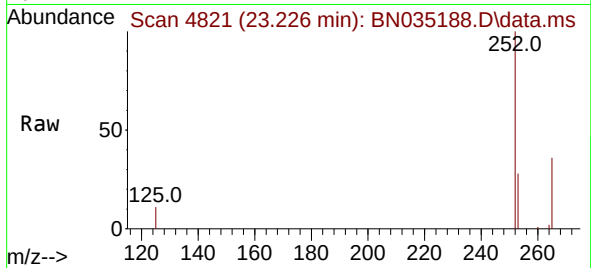




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

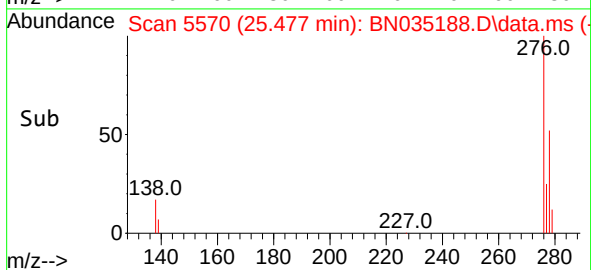
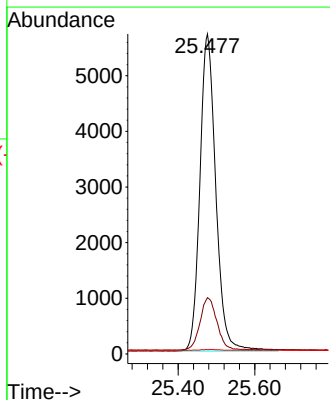
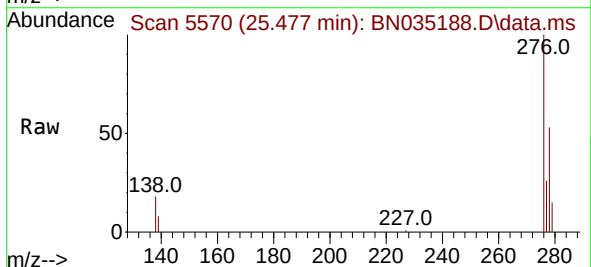
Instrument :
BNA_N
ClientSampleId :
SLCS077

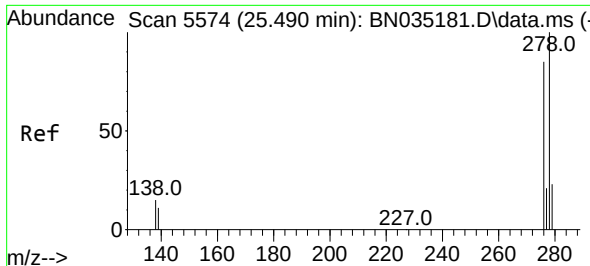
Tgt Ion:	252	Resp:	12065
Ion Ratio	Lower	Upper	
252	100		
253	28.2	22.9	34.3
125	11.3	9.4	14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:	276	Resp:	16514
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.8	20.8
227	0.2	0.2	0.4

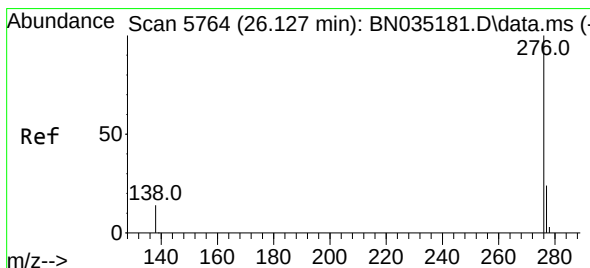
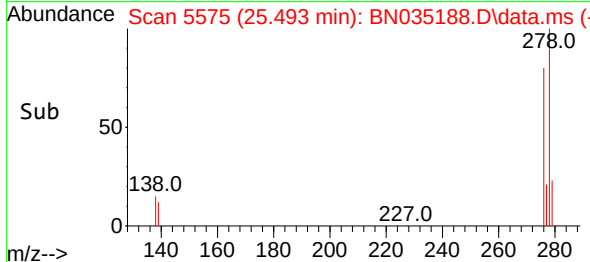
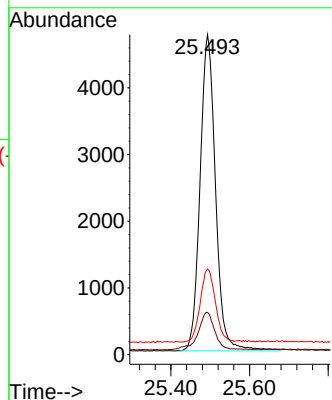
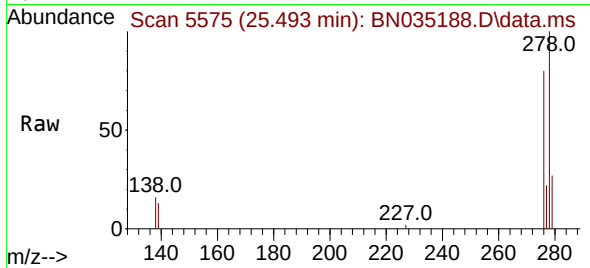




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.493 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Instrument :
BNA_N
ClientSampleId :
SLCS077

Tgt Ion:278 Resp: 12917
Ion Ratio Lower Upper
278 100
139 13.2 10.7 16.1
279 26.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035188.D
Acq: 20 Nov 2024 07:28

Tgt Ion:276 Resp: 12986
Ion Ratio Lower Upper
276 100
138 16.0 13.0 19.6
277 25.5 20.5 30.7

