

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035192.D
 Acq On : 20 Nov 2024 10:54
 Operator : RC/JU
 Sample : PB164841BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS841

Quant Time: Nov 20 11:55:05 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)

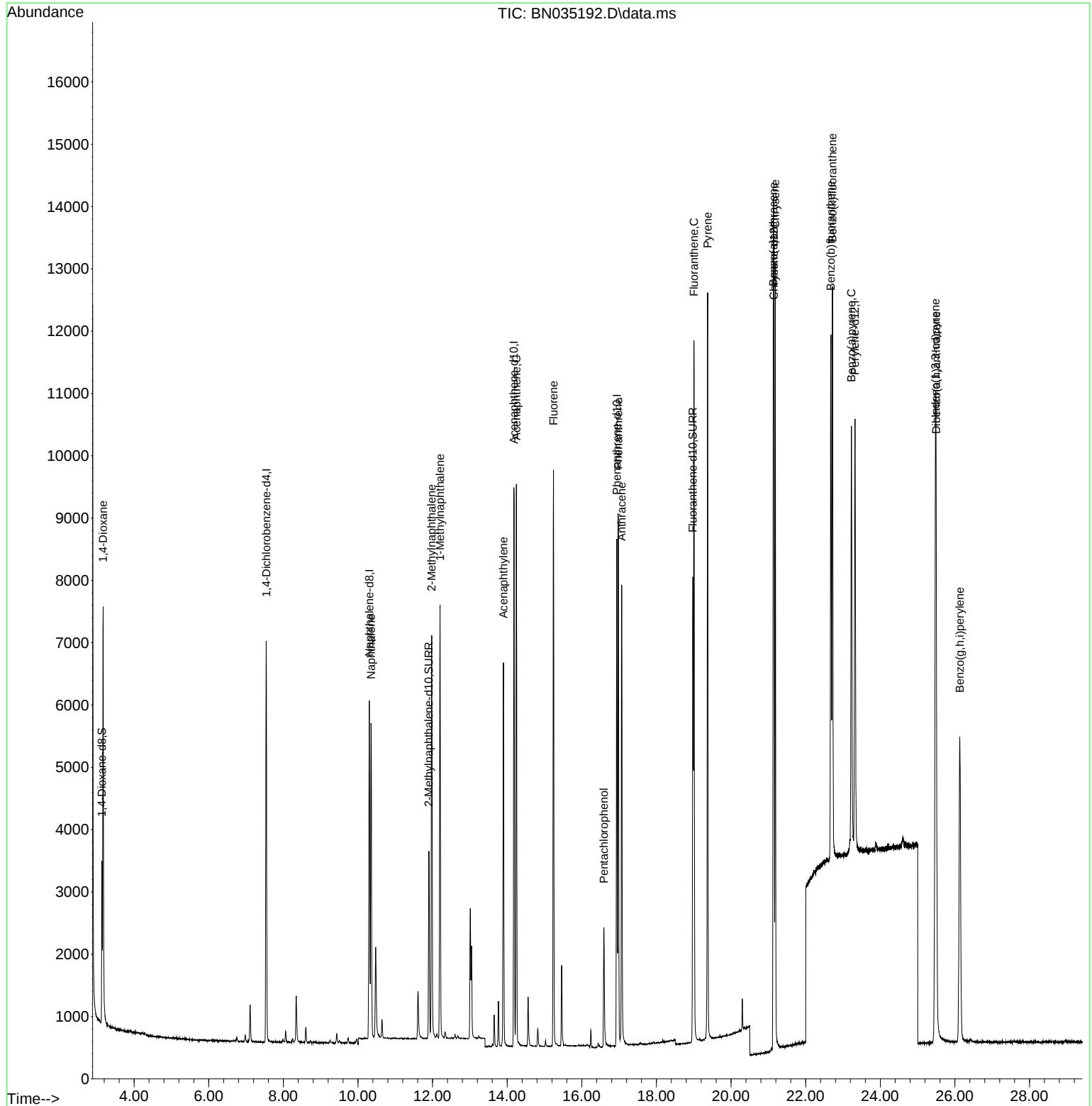
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3237	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7761	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	4917	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	9889	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	8296	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	8869	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	1809	0.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	4139	0.364	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	8590	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	5153	1.604	ng/ul#	94
5) Naphthalene	10.350	128	6831	0.349	ng/ul	100
7) 2-Methylnaphthalene	11.978	142	4686	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	4751	0.347	ng/ul	100
10) Acenaphthylene	13.898	152	6705	0.344	ng/ul	99
11) Acenaphthene	14.245	153	5108	0.342	ng/ul	99
12) Fluorene	15.239	166	5784	0.330	ng/ul	99
14) Pentachlorophenol	16.591	266	1452	0.630	ng/ul	97
15) Phenanthrene	16.975	178	8940	0.342	ng/ul	99
16) Anthracene	17.068	178	8083	0.333	ng/ul	99
19) Fluoranthene	19.005	202	10233	0.354	ng/ul	99
20) Pyrene	19.372	202	10529	0.350	ng/ul	99
21) Benzo(a)anthracene	21.134	228	10093	0.351	ng/ul	99
22) Chrysene	21.186	228	10646	0.368	ng/ul	98
24) Benzo(b)fluoranthene	22.673	252	10794	0.368	ng/ul	99
25) Benzo(k)fluoranthene	22.717	252	11170	0.370	ng/ul	99
26) Benzo(a)pyrene	23.226	252	9703	0.362	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.477	276	13123	0.363	ng/ul	99
28) Dibenzo(a,h)anthracene	25.497	278	10364	0.365	ng/ul	99
29) Benzo(g,h,i)perylene	26.131	276	10415	0.365	ng/ul	99

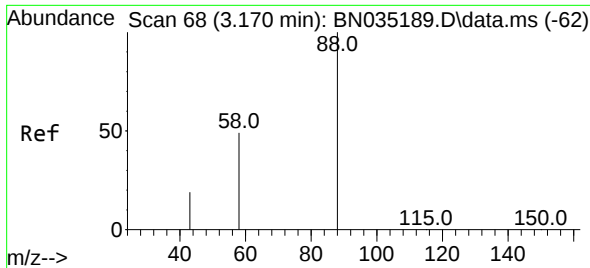
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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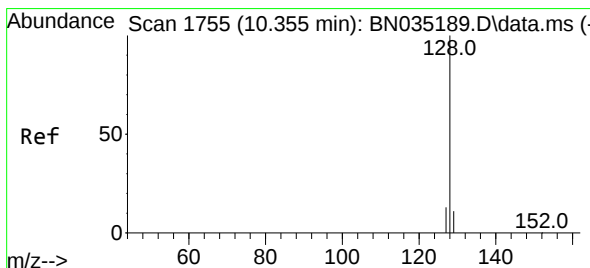
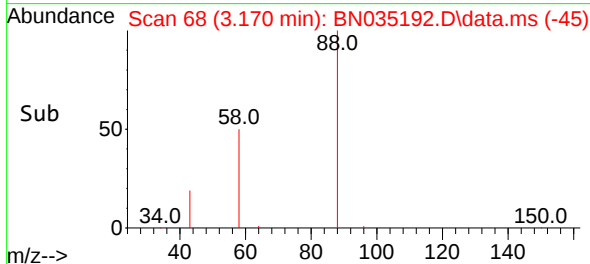
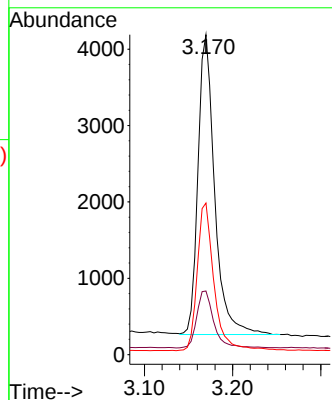
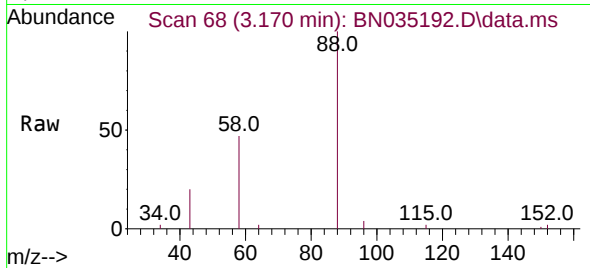




#2
 1,4-Dioxane
 Concen: 1.604 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035192.D
 Acq: 20 Nov 2024 10:54

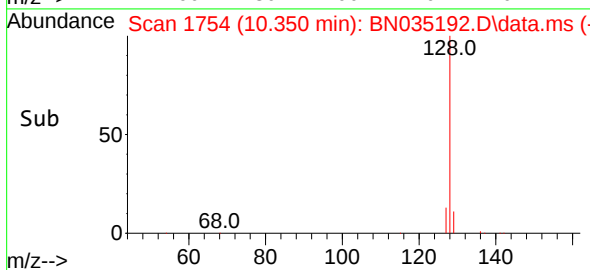
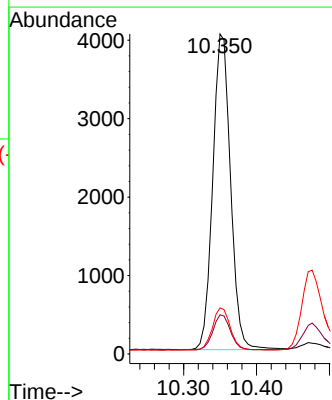
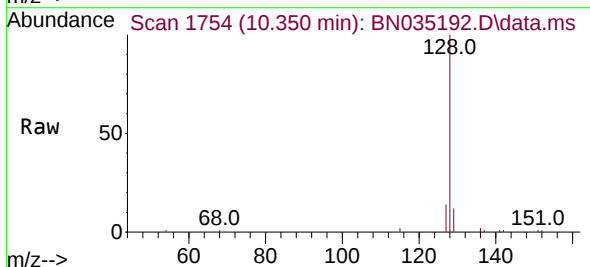
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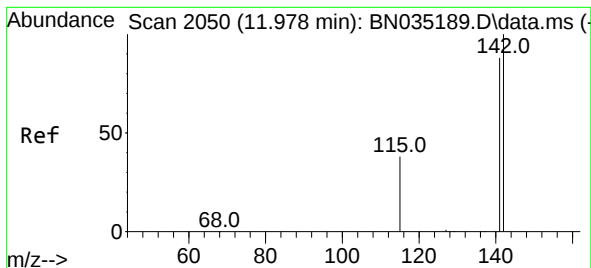
Tgt Ion: 88 Resp: 5153
 Ion Ratio Lower Upper
 88 100
 43 19.9 20.6 31.0#
 58 47.4 36.2 54.4



#5
 Naphthalene
 Concen: 0.349 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035192.D
 Acq: 20 Nov 2024 10:54

Tgt Ion: 128 Resp: 6831
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.9 14.9
 127 14.4 11.4 17.2

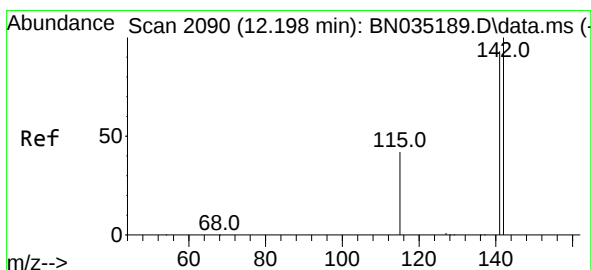
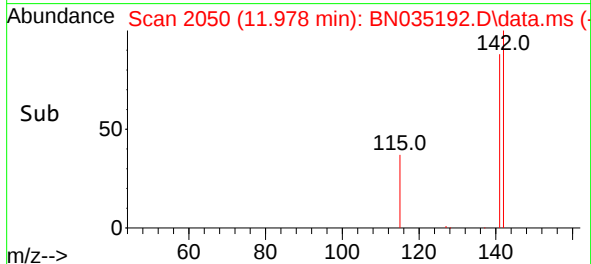
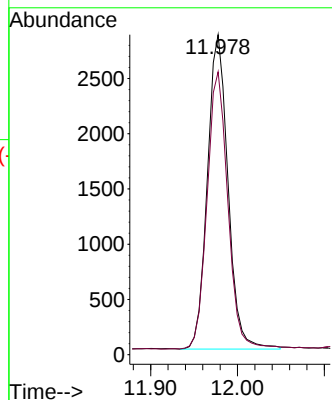
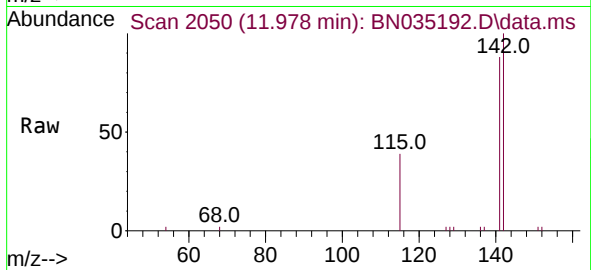




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

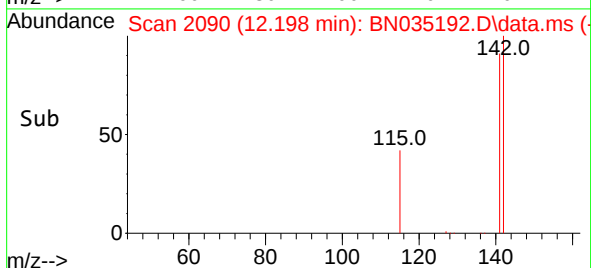
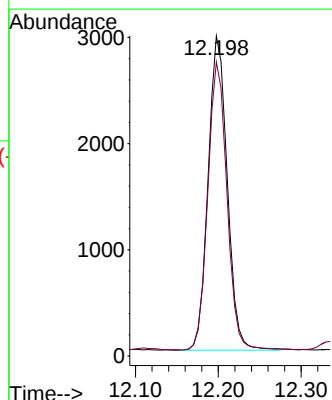
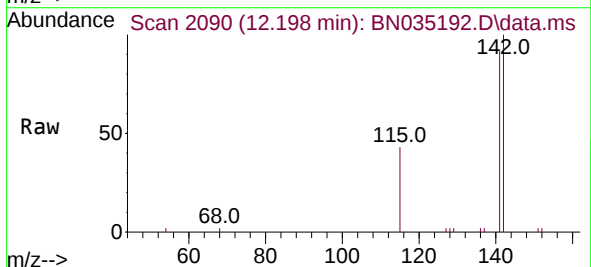
Instrument :
BNA_N
ClientSampleId :
SLCS841

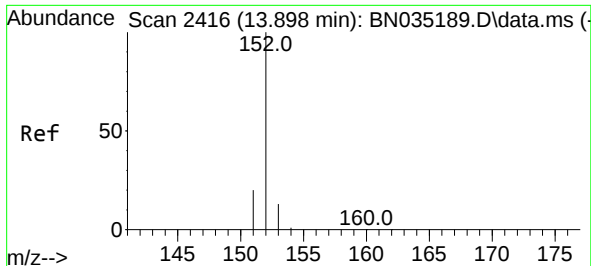
Tgt Ion:142 Resp: 4686
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:142 Resp: 4751
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7

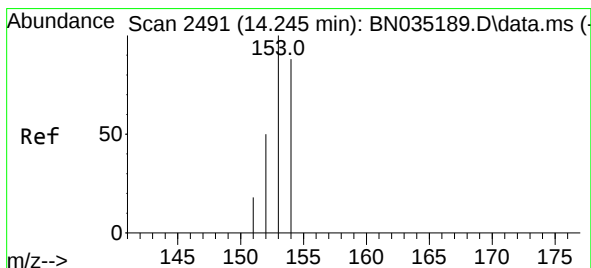
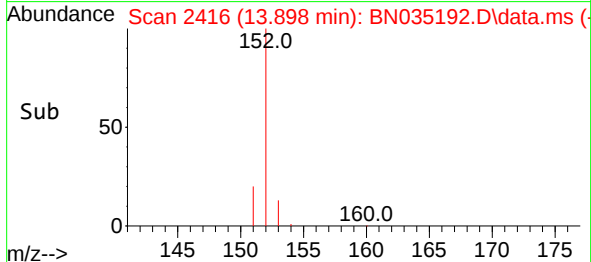
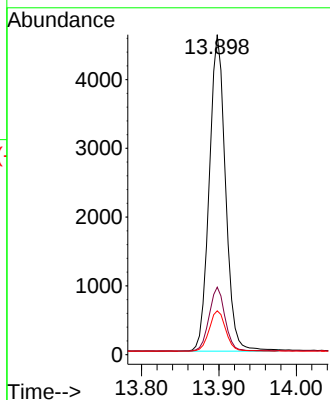
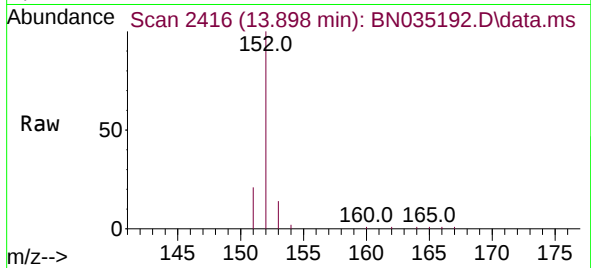




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

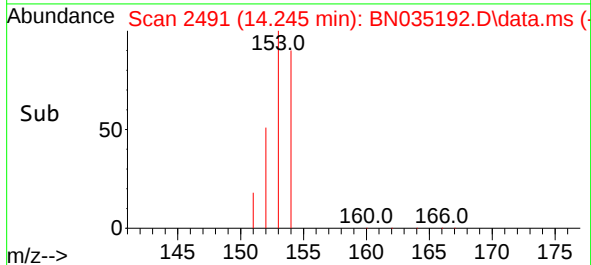
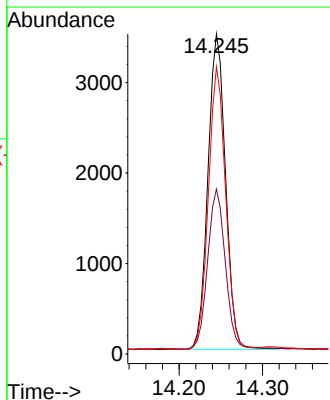
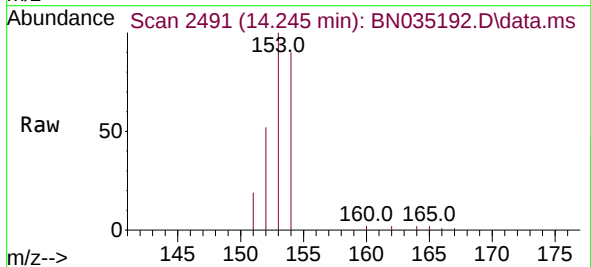
Instrument :
BNA_N
ClientSampleId :
SLCS841

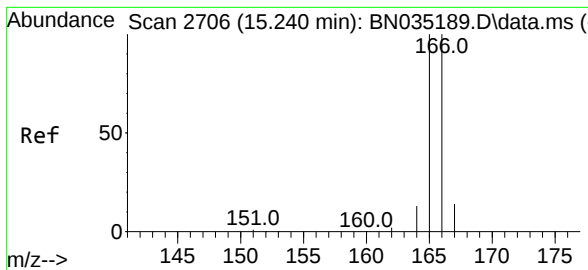
Tgt Ion:152 Resp: 6705
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:153 Resp: 5108
Ion Ratio Lower Upper
153 100
152 51.6 41.4 62.0
154 89.7 71.2 106.8





#12

Fluorene

Concen: 0.330 ng/ul

RT: 15.239 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN035192.D

Acq: 20 Nov 2024 10:54

Instrument :

BNA_N

ClientSampleId :

SLCS841

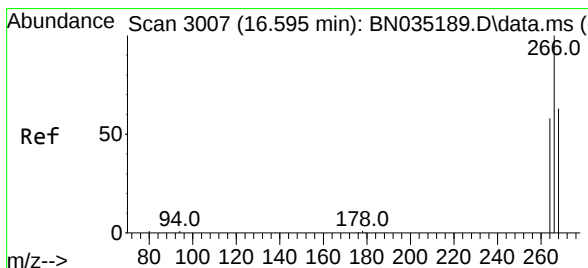
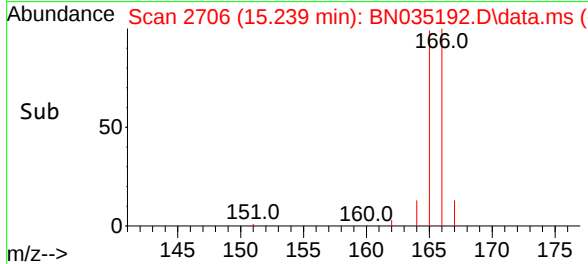
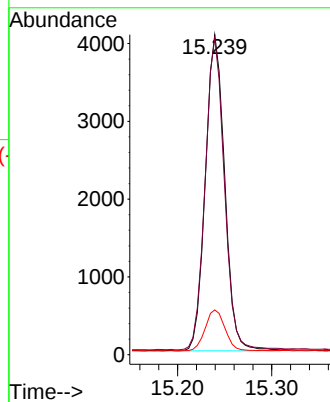
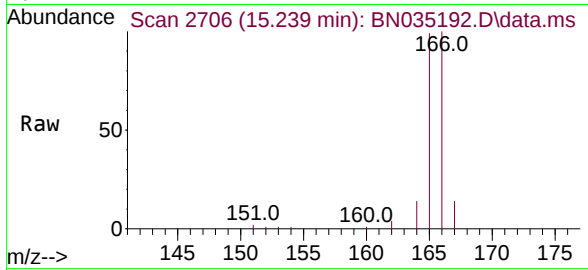
Tgt Ion:166 Resp: 5784

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

167 14.0 11.8 17.6



#14

Pentachlorophenol

Concen: 0.630 ng/ul

RT: 16.591 min Scan# 3006

Delta R.T. -0.009 min

Lab File: BN035192.D

Acq: 20 Nov 2024 10:54

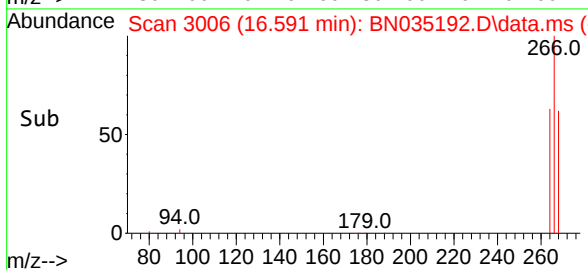
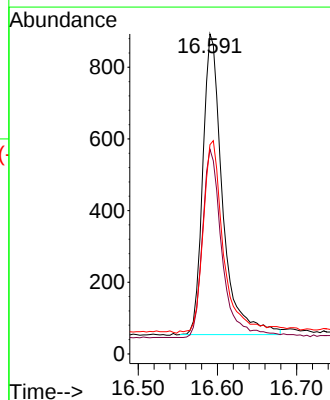
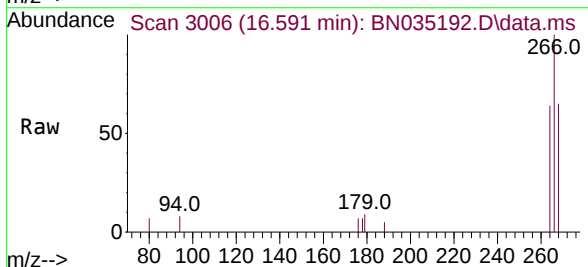
Tgt Ion:266 Resp: 1452

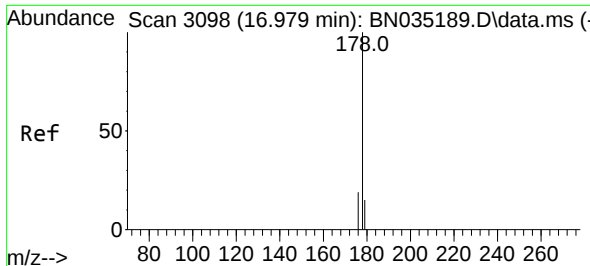
Ion Ratio Lower Upper

266 100

264 62.3 51.8 77.6

268 66.7 51.3 76.9

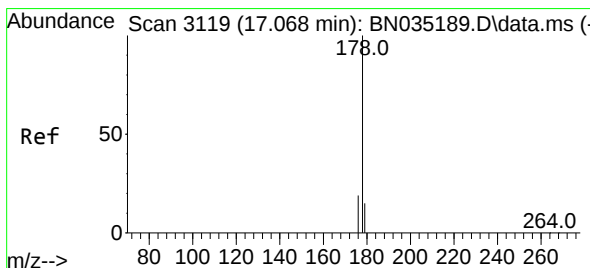
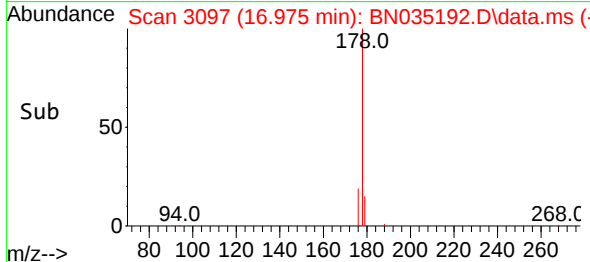
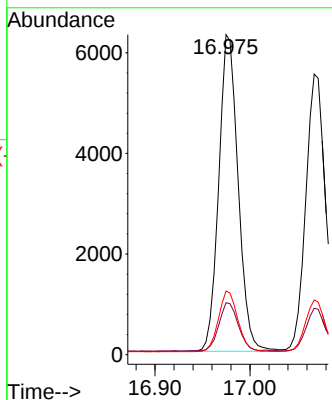
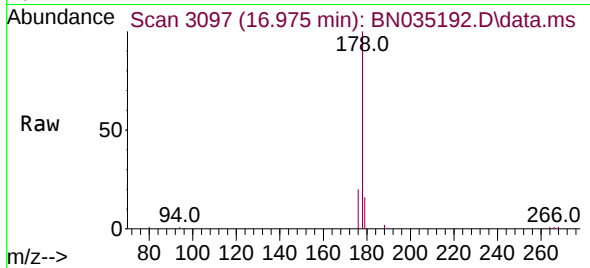




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.009 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

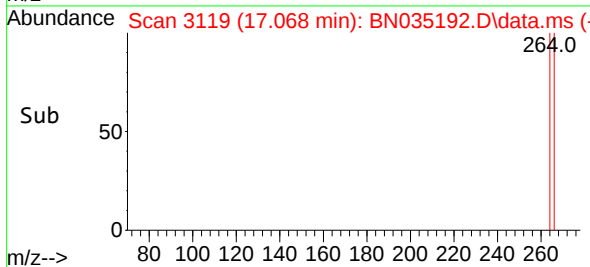
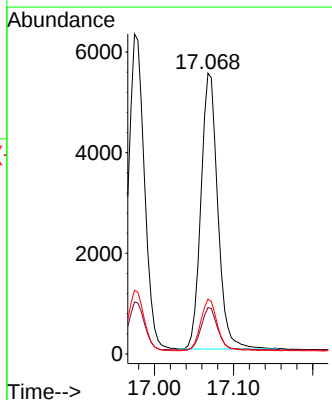
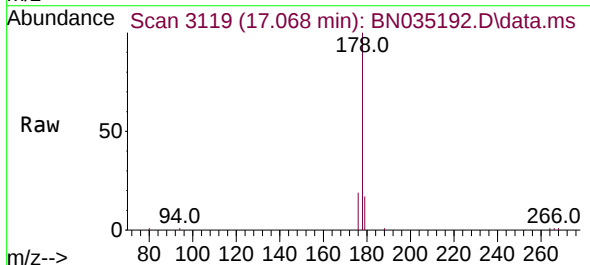
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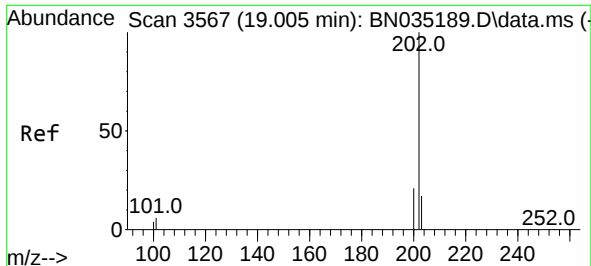
Tgt Ion:178 Resp: 8940
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:178 Resp: 8083
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.5 15.4 23.2

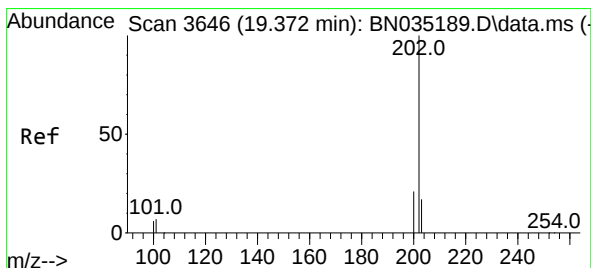
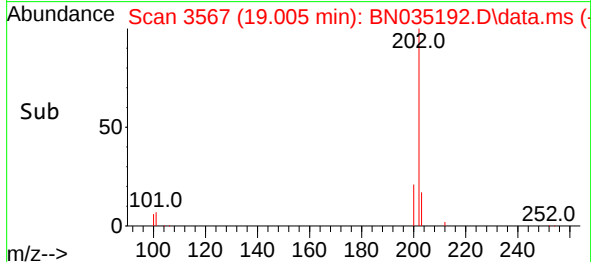
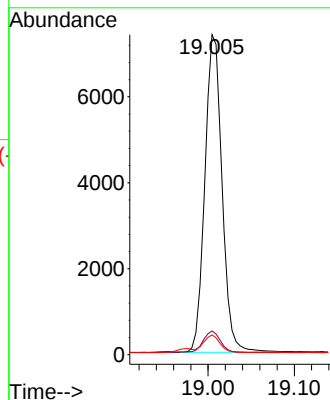
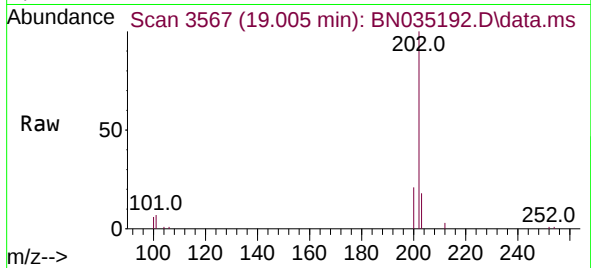




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

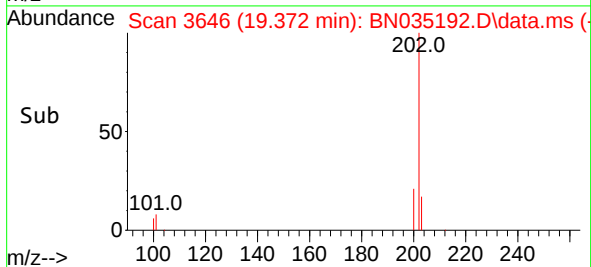
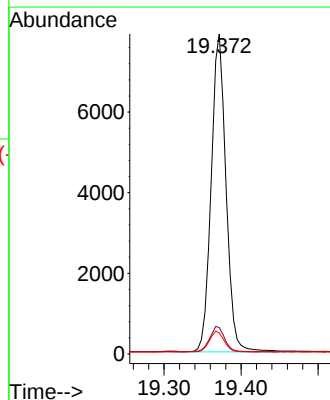
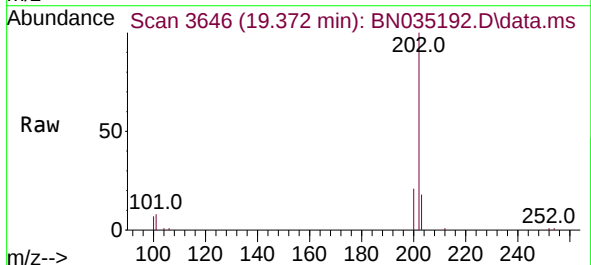
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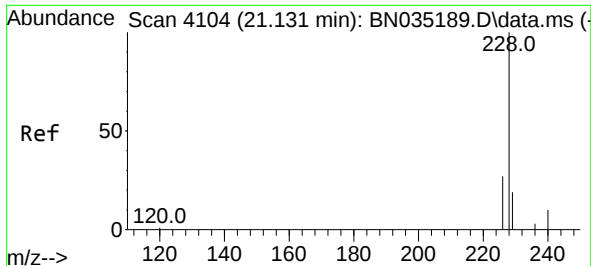
Tgt Ion:	202	Resp:	10233
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.8	8.6
100	6.2	4.5	6.7



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:	202	Resp:	10529
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.2	9.4
100	6.6	5.1	7.7

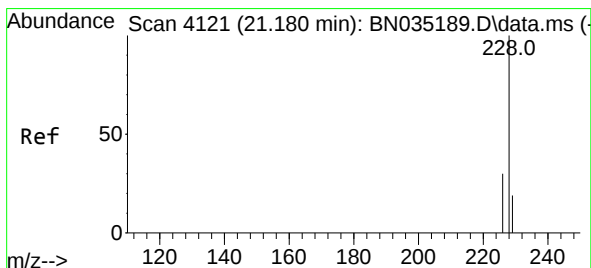
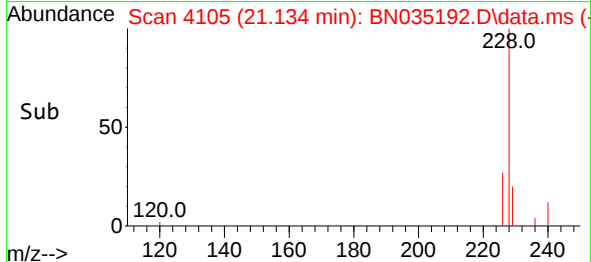
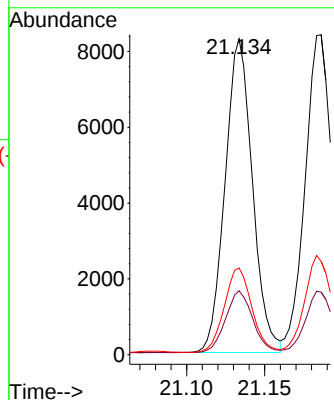
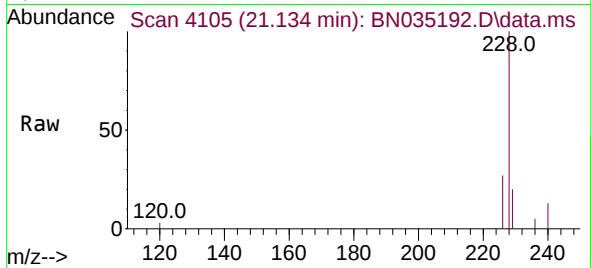




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.134 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

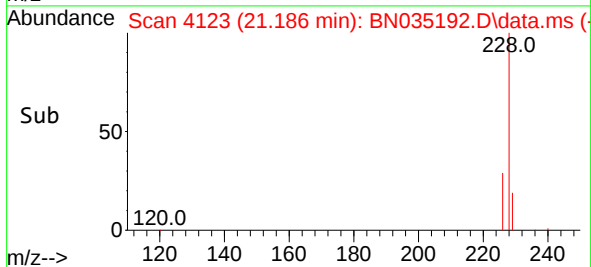
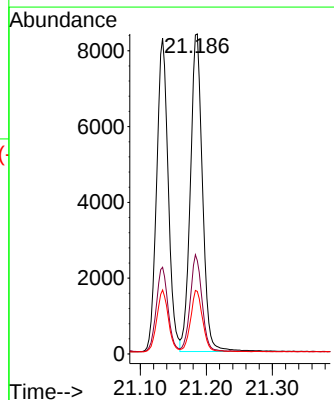
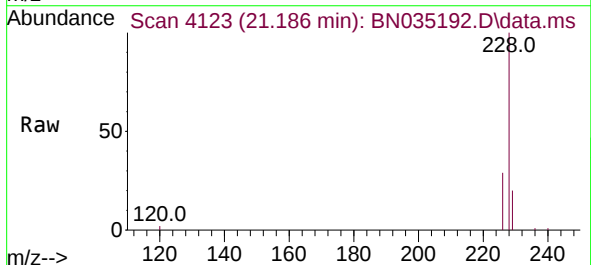
Instrument :
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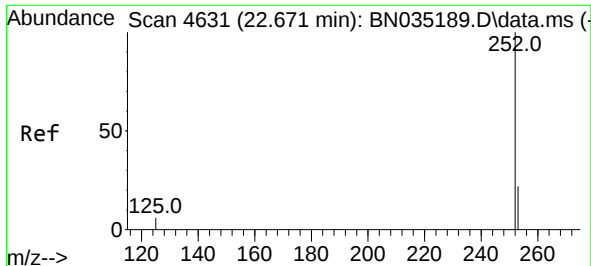
Tgt Ion:228 Resp: 10093
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.5 21.8 32.8



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:228 Resp: 10646
Ion Ratio Lower Upper
228 100
226 29.2 24.7 37.1
229 19.6 16.0 24.0

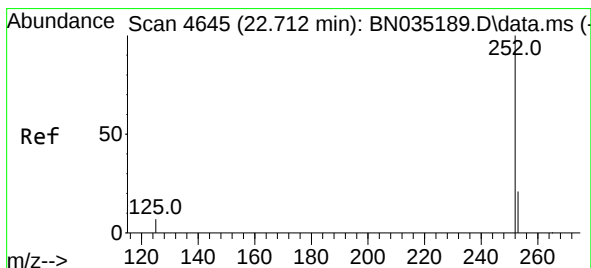
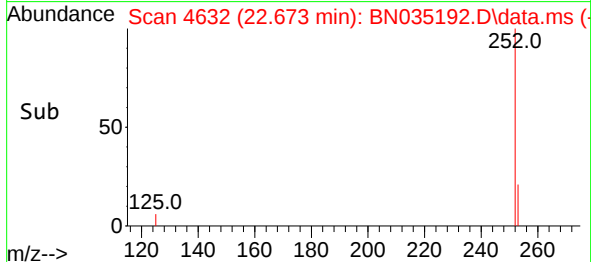
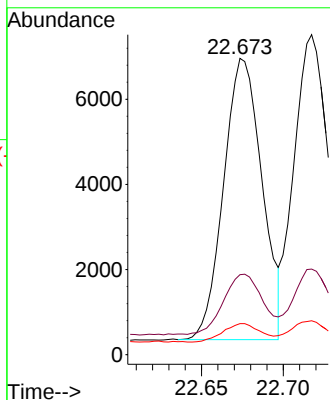
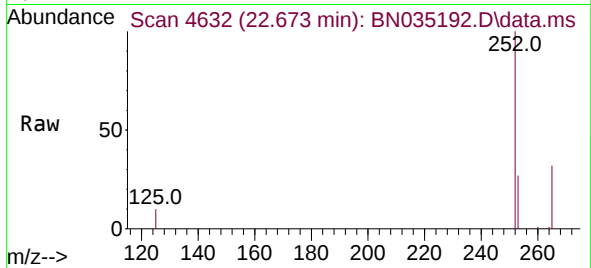




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.673 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

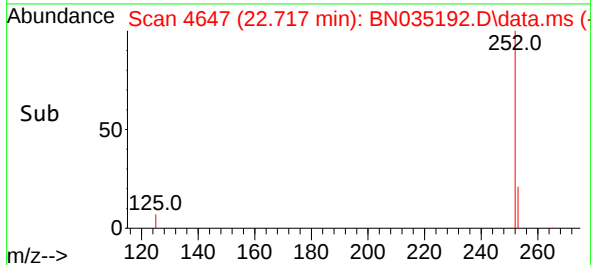
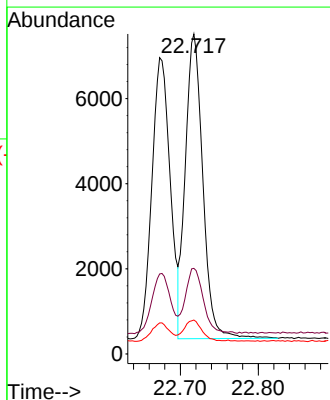
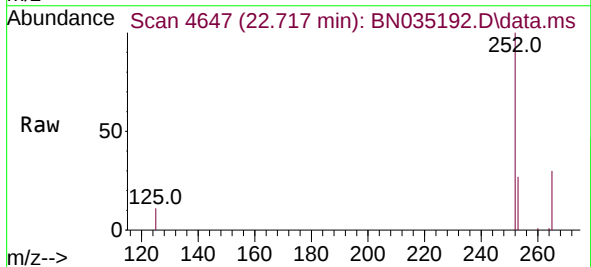
Instrument :
BNA_N
ClientSampleId :
SLCS841

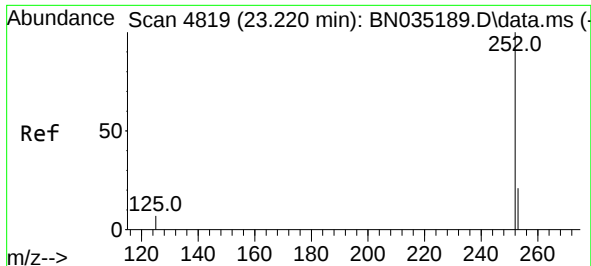
Tgt Ion:252 Resp: 10794
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 10.5 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:252 Resp: 11170
Ion Ratio Lower Upper
252 100
253 26.7 21.8 32.6
125 10.6 8.6 12.8

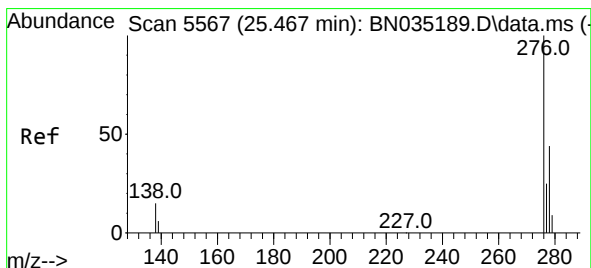
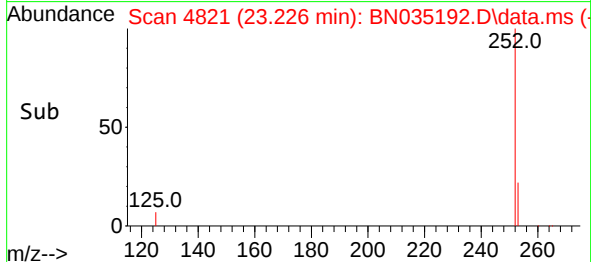
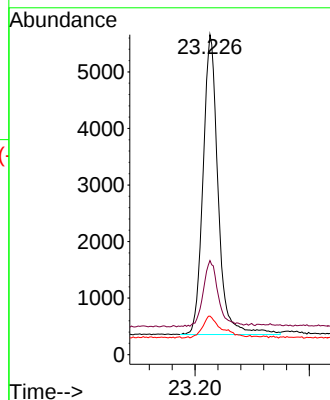
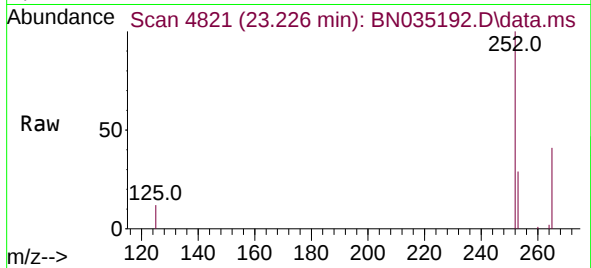




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.226 min Scan# 4819
Delta R.T. -0.006 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

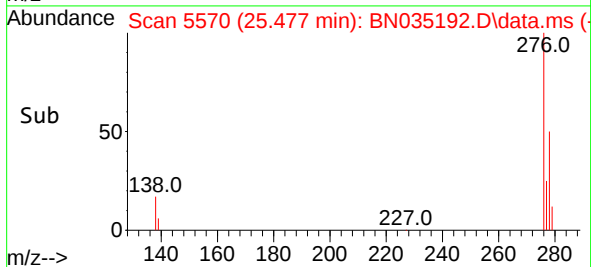
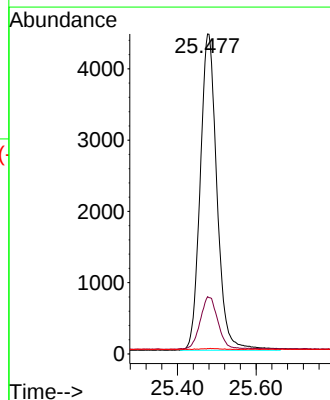
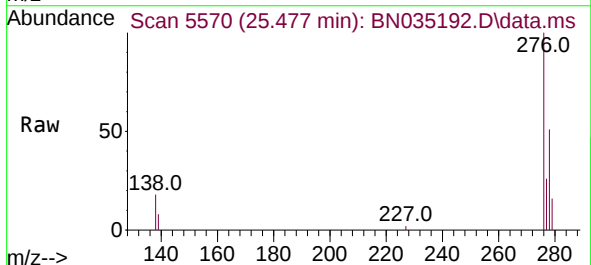
Instrument :
BNA_N
ClientSampleId :
SLCS841

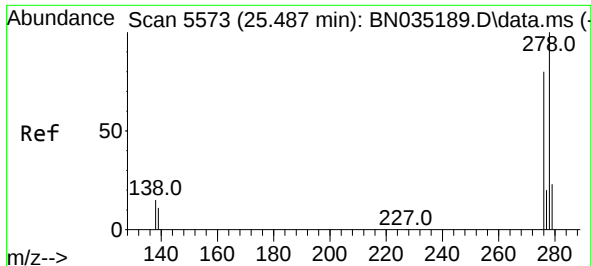
Tgt Ion:252 Resp: 9703
Ion Ratio Lower Upper
252 100
253 29.4 22.9 34.3
125 12.0 9.4 14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:276 Resp: 13123
Ion Ratio Lower Upper
276 100
138 17.1 13.8 20.8
227 0.3 0.2 0.4

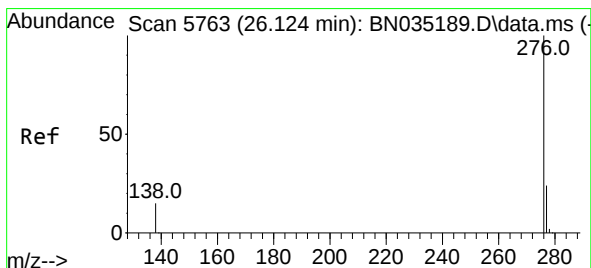
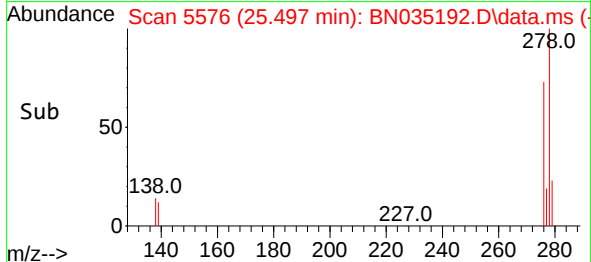
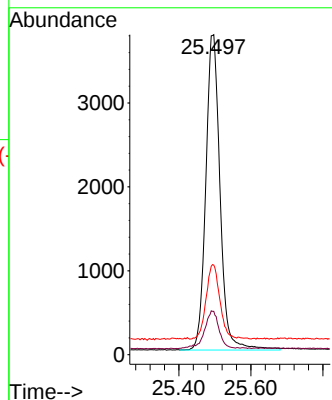
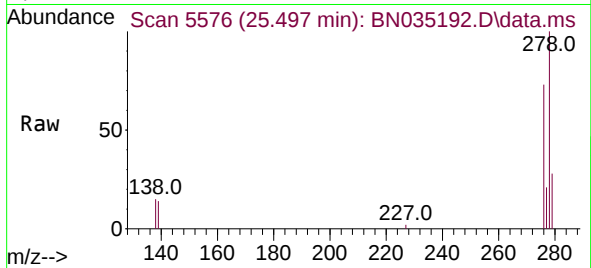




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.497 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Instrument :
BNA_N
ClientSampleId :
SLCS841

Tgt Ion:278 Resp: 10364
Ion Ratio Lower Upper
278 100
139 13.6 10.7 16.1
279 28.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035192.D
Acq: 20 Nov 2024 10:54

Tgt Ion:276 Resp: 10415
Ion Ratio Lower Upper
276 100
138 17.0 13.0 19.6
277 25.1 20.5 30.7

