

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035546.D
 Acq On : 10 Dec 2024 23:54
 Operator : RC/JU
 Sample : PB165441BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS441

Quant Time: Dec 11 00:41:54 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 : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

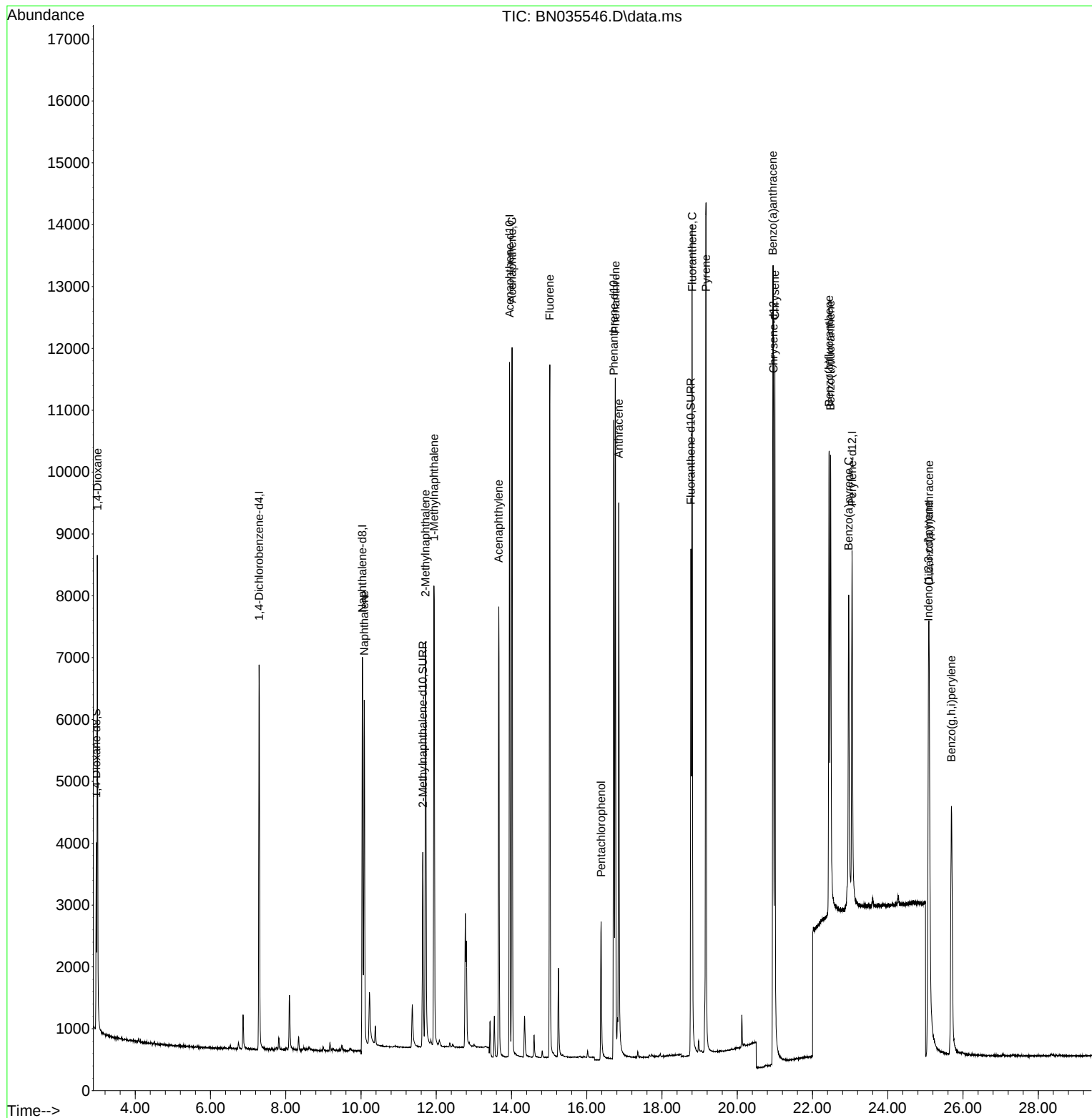
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3178	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8889	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6089	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12776	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	8032	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	7617	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1909	0.657	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	4547	0.349	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	9749	0.440	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	5346	1.695	ng/ul	90
5) Naphthalene	10.086	128	8087	0.361	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	5193	0.334	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	5428	0.346	ng/ul	98
10) Acenaphthylene	13.662	152	8161	0.338	ng/ul	99
11) Acenaphthene	14.014	153	6461	0.350	ng/ul	98
12) Fluorene	15.018	166	7249	0.334	ng/ul	99
14) Pentachlorophenol	16.380	266	1744	0.586	ng/ul	99
15) Phenanthrene	16.760	178	11824	0.350	ng/ul	100
16) Anthracene	16.852	178	10170	0.324	ng/ul	100
19) Fluoranthene	18.800	202	12045	0.431	ng/ul#	96
20) Pyrene	19.167	202	12472	0.429	ng/ul#	95
21) Benzo(a)anthracene	20.947	228	9455	0.339	ng/ul	98
22) Chrysene	20.999	228	10573	0.377	ng/ul	99
24) Benzo(b)fluoranthene	22.440	252	9197	0.365	ng/ul	97
25) Benzo(k)fluoranthene	22.478	252	10175	0.392	ng/ul#	97
26) Benzo(a)pyrene	22.960	252	8192	0.356	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.081	276	11355	0.365	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.098	278	7922	0.325	ng/ul#	96
29) Benzo(g,h,i)perylene	25.691	276	8644	0.353	ng/ul#	94

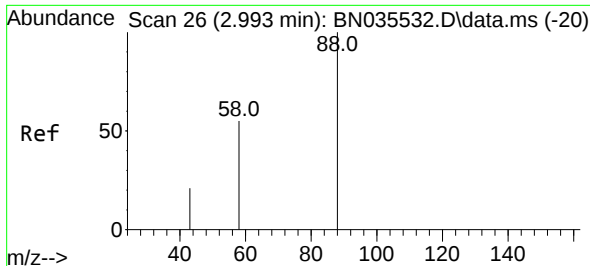
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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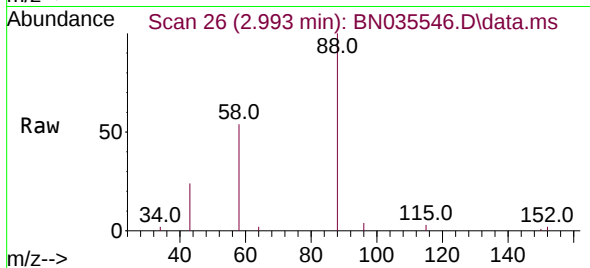
Quant Time: Dec 11 00:41:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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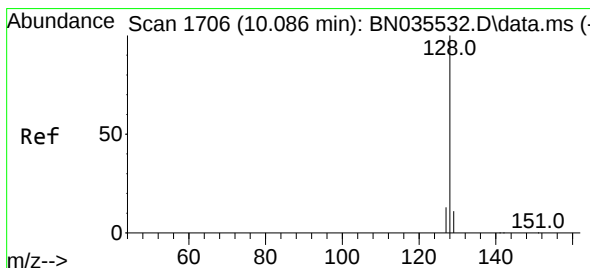
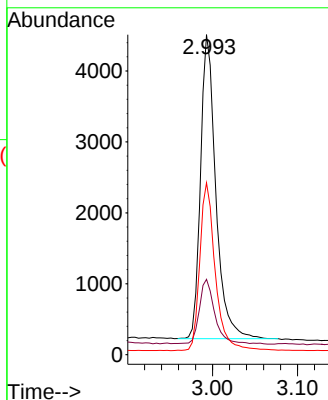
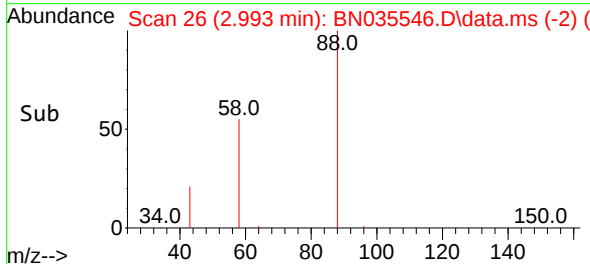
#2
 1,4-Dioxane
 Concen: 1.695 ng/ul
 RT: 2.993 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN035546.D
 Acq: 10 Dec 2024 23:54

Instrument :
 BNA_N
 ClientSampleId :
 SLCS441

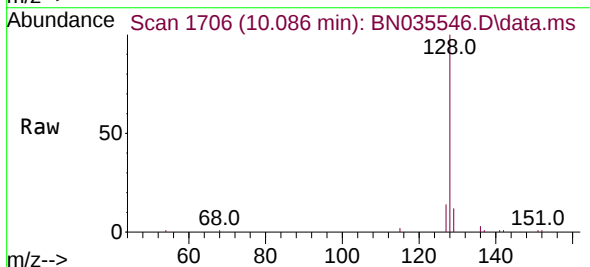


Tgt Ion: 88 Resp: 5346

Ion	Ratio	Lower	Upper
88	100		
43	23.6	20.6	31.0
58	53.7	36.2	54.4

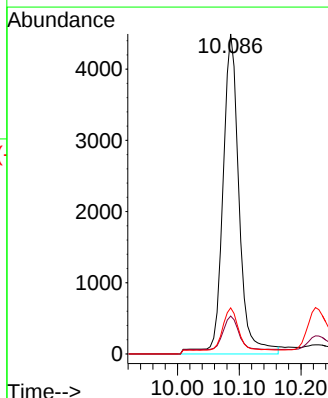
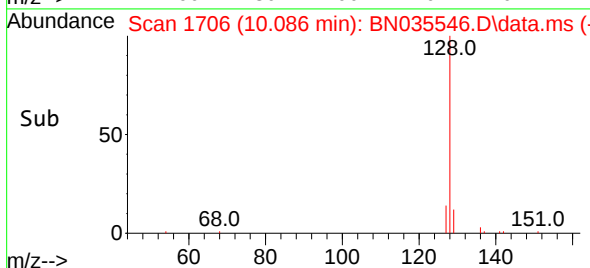


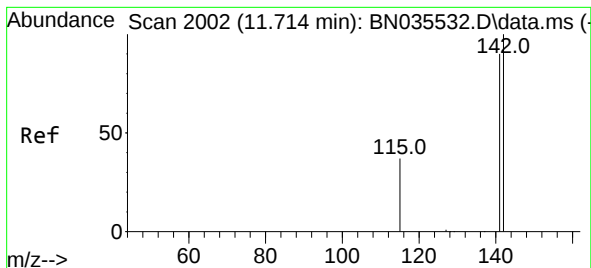
#5
 Naphthalene
 Concen: 0.361 ng/ul
 RT: 10.086 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: BN035546.D
 Acq: 10 Dec 2024 23:54



Tgt Ion: 128 Resp: 8087

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.9	14.9
127	14.4	11.4	17.2

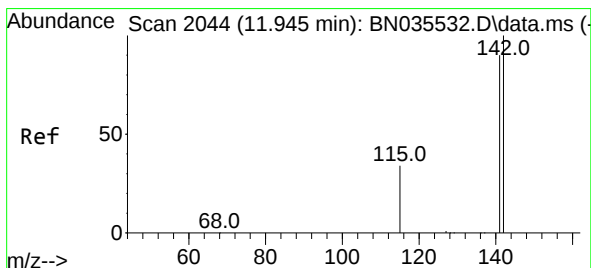
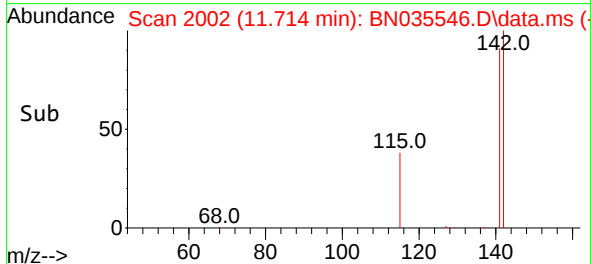
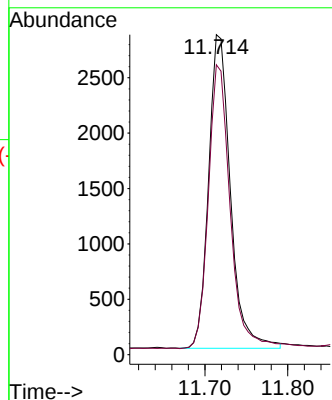
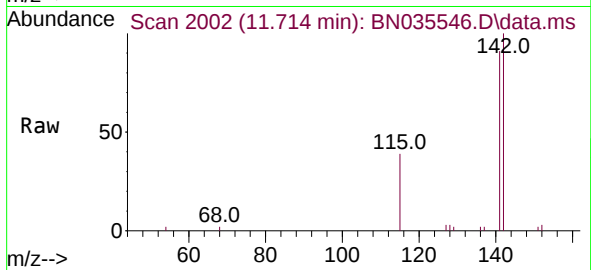




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

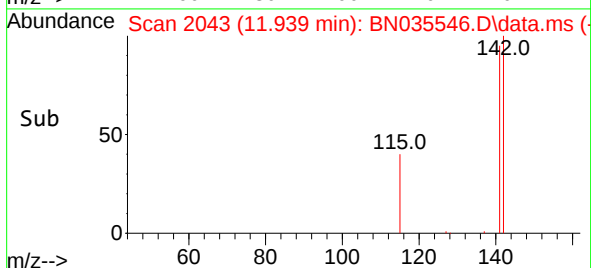
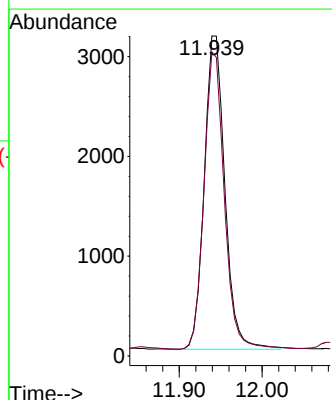
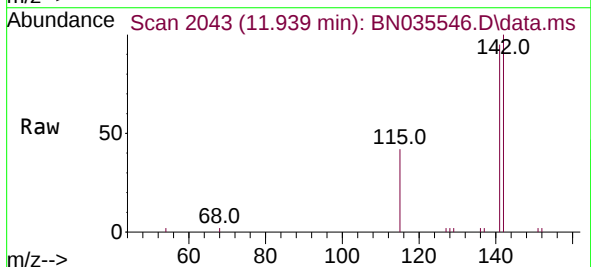
Instrument :
BNA_N
ClientSampleId :
SLCS441

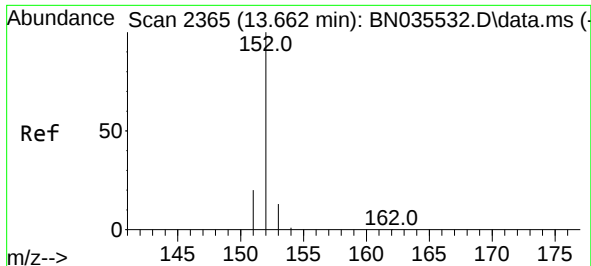
Tgt Ion:142 Resp: 5193
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:142 Resp: 5428
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7

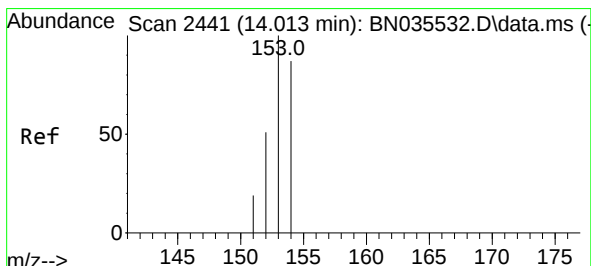
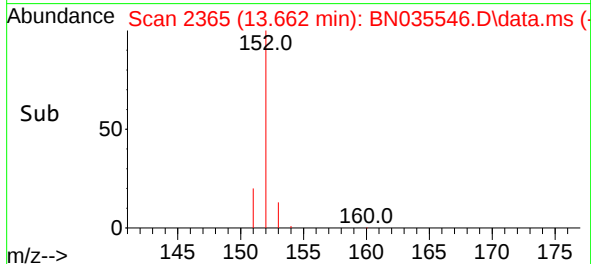
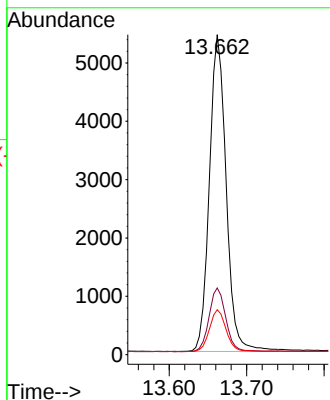
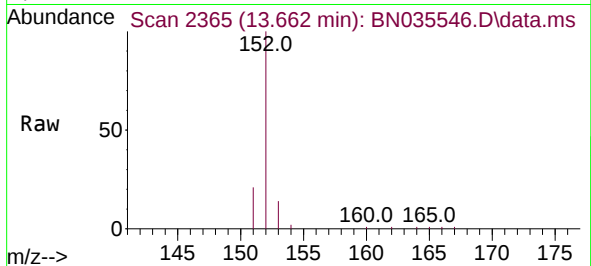




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

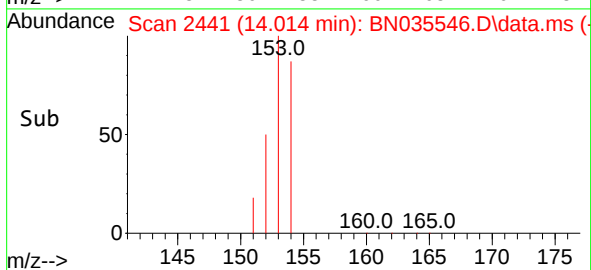
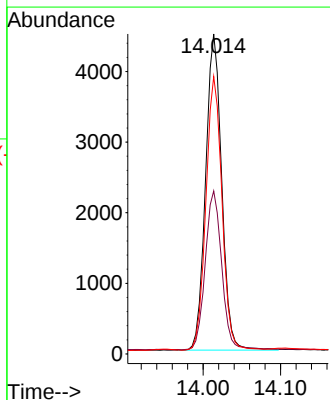
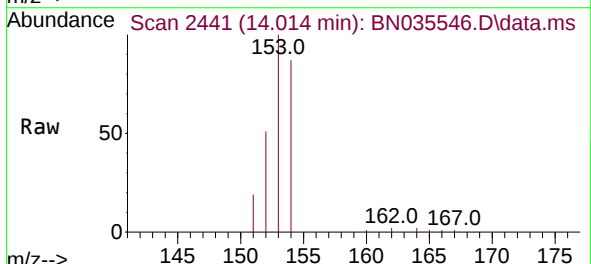
Instrument :
BNA_N
ClientSampleId :
SLCS441

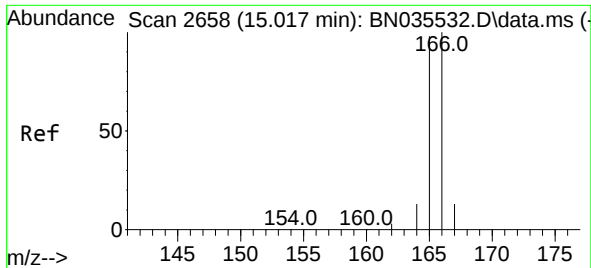
Tgt Ion:152 Resp: 8161
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:153 Resp: 6461
Ion Ratio Lower Upper
153 100
152 51.0 41.4 62.0
154 86.7 71.2 106.8

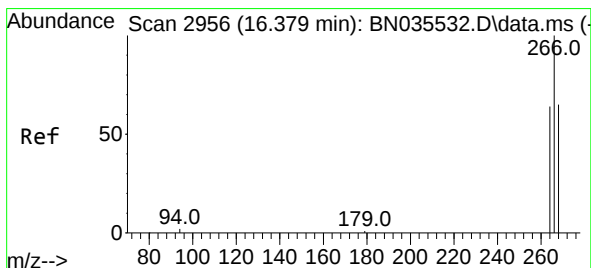
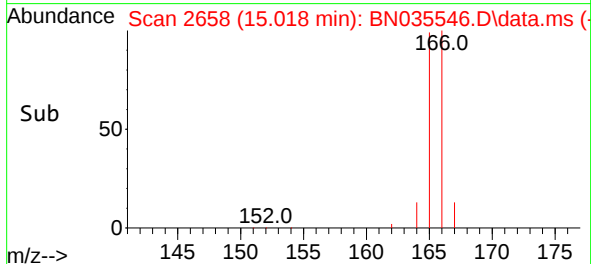
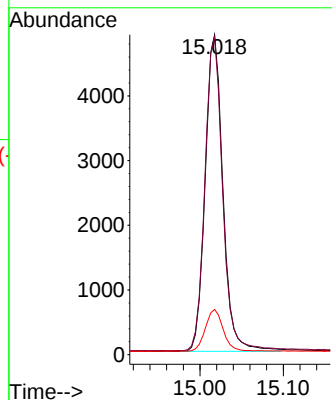
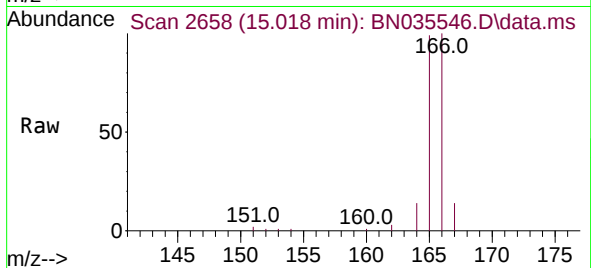




#12
 Fluorene
 Concen: 0.334 ng/ul
 RT: 15.018 min Scan# 2658
 Delta R.T. 0.000 min
 Lab File: BN035546.D
 Acq: 10 Dec 2024 23:54

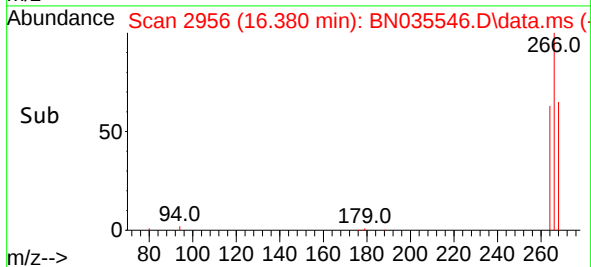
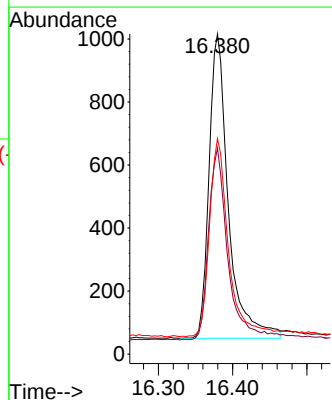
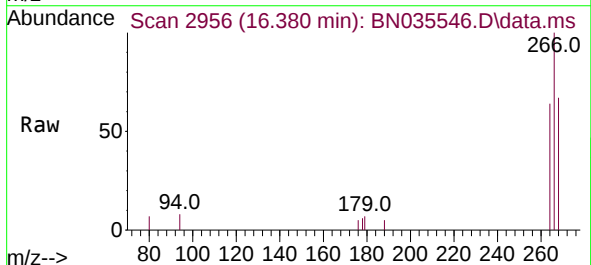
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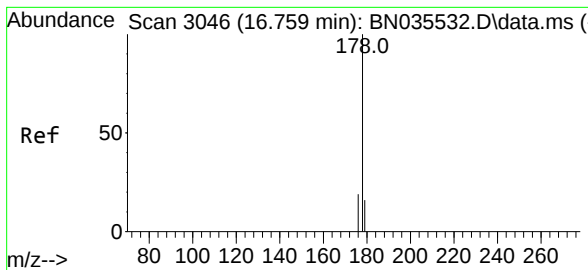
Tgt Ion:166 Resp: 7249
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.6 118.0
 167 14.2 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.586 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035546.D
 Acq: 10 Dec 2024 23:54

Tgt Ion:266 Resp: 1744
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.8 77.6
 268 64.4 51.3 76.9





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 16.760 min Scan# 3046

Delta R.T. 0.000 min

Lab File: BN035546.D

Acq: 10 Dec 2024 23:54

Instrument :

BNA_N

ClientSampleId :

SLCS441

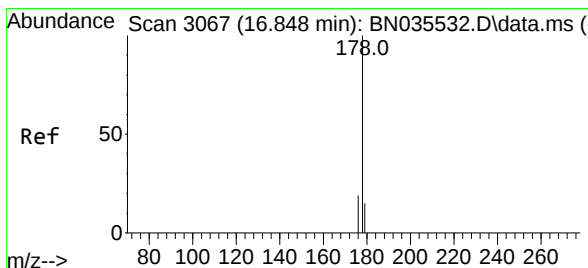
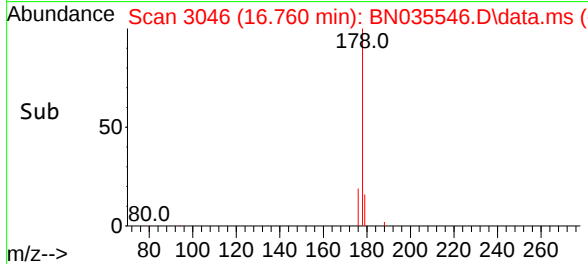
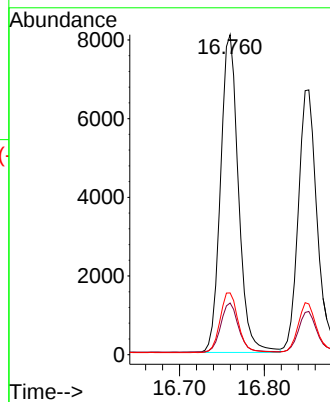
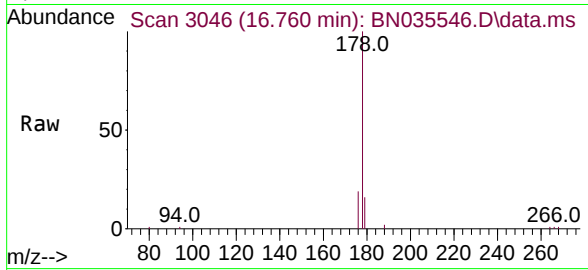
Tgt Ion:178 Resp: 11824

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 19.3 15.6 23.4



#16

Anthracene

Concen: 0.324 ng/ul

RT: 16.852 min Scan# 3068

Delta R.T. 0.004 min

Lab File: BN035546.D

Acq: 10 Dec 2024 23:54

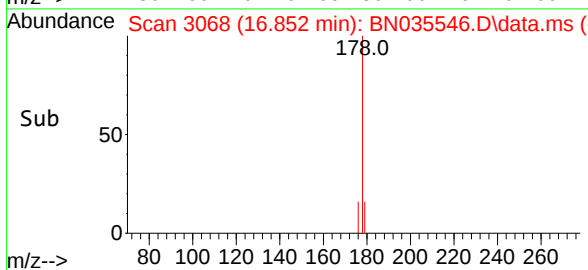
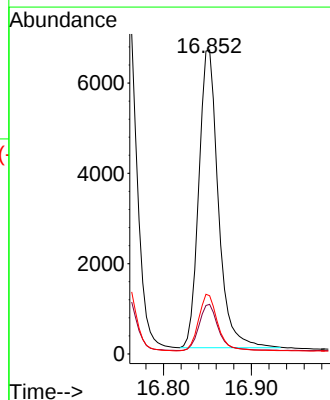
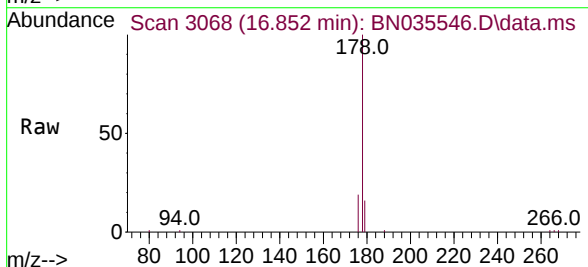
Tgt Ion:178 Resp: 10170

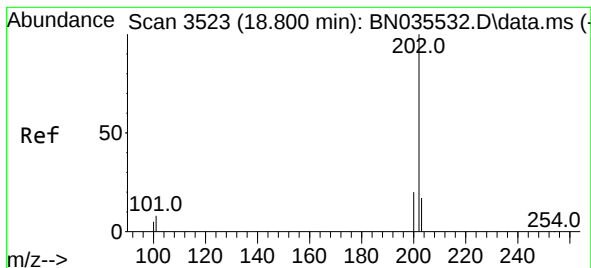
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 19.2 15.4 23.2





#19

Fluoranthene

Concen: 0.431 ng/u1

RT: 18.800 min Scan# 3523

Delta R.T. 0.000 min

Lab File: BN035546.D

Acq: 10 Dec 2024 23:54

Instrument :

BNA_N

ClientSampleId :

SLCS441

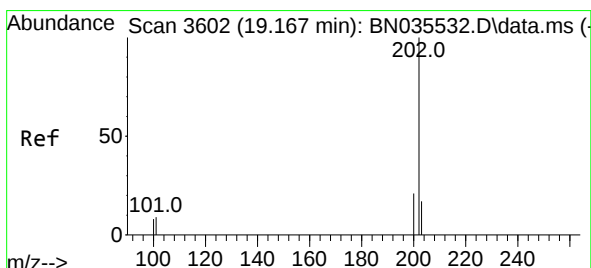
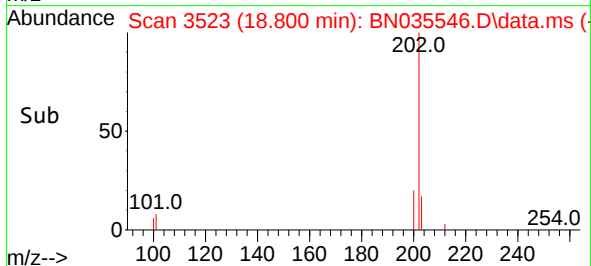
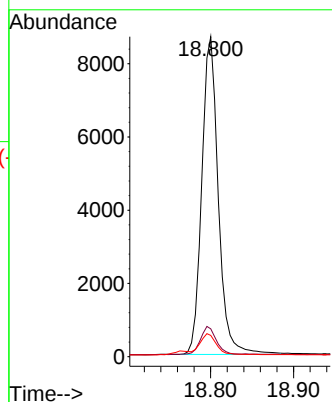
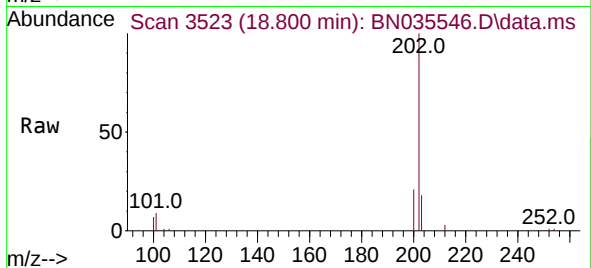
Tgt Ion:202 Resp: 12045

Ion Ratio Lower Upper

202 100

101 8.7 5.8 8.6#

100 6.7 4.5 6.7



#20

Pyrene

Concen: 0.429 ng/u1

RT: 19.167 min Scan# 3602

Delta R.T. 0.000 min

Lab File: BN035546.D

Acq: 10 Dec 2024 23:54

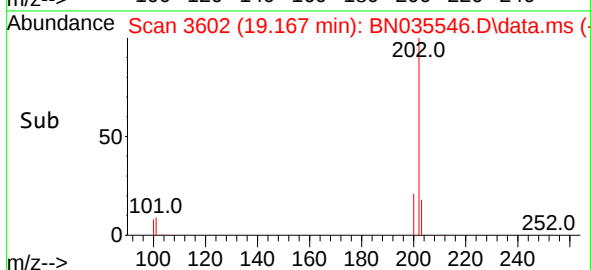
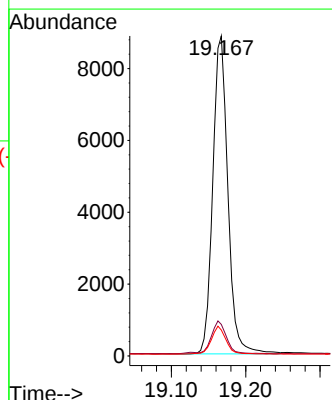
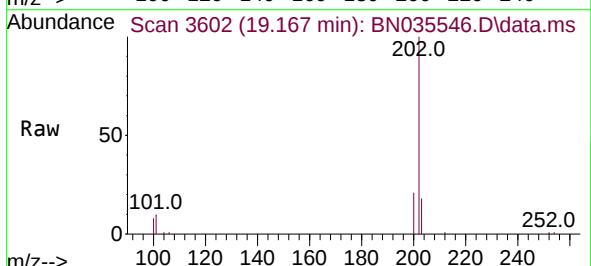
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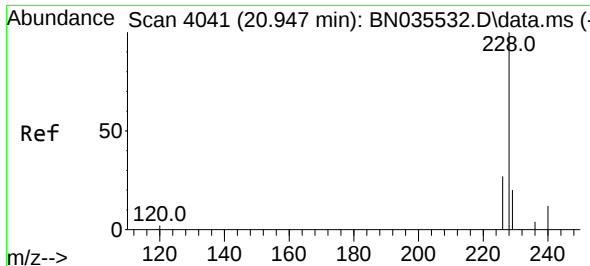
Ion Ratio Lower Upper

202 100

101 9.8 6.2 9.4#

100 8.1 5.1 7.7#

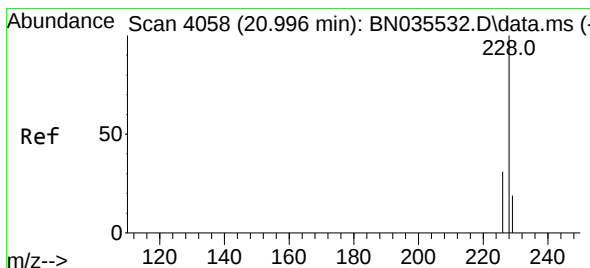
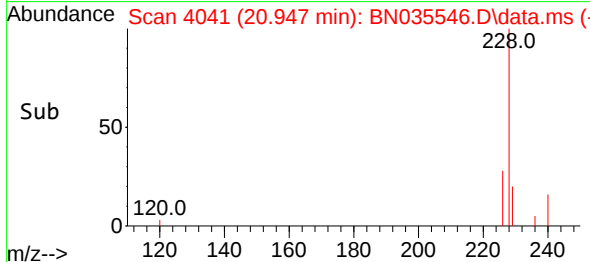
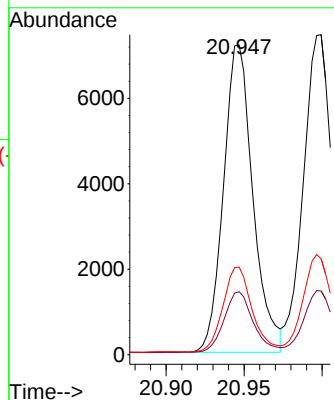
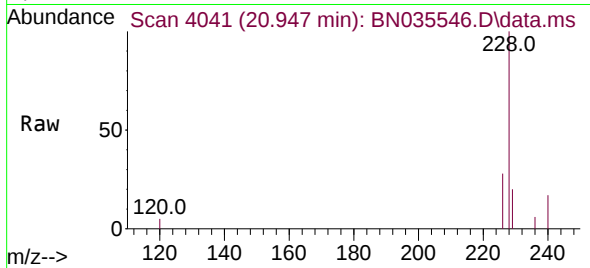




#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

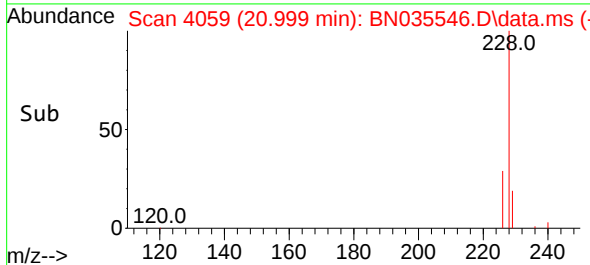
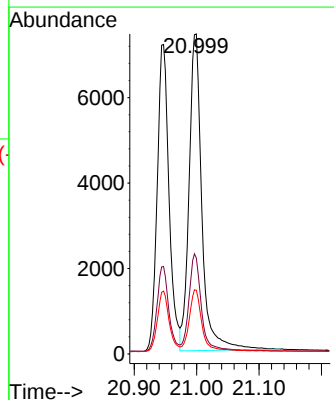
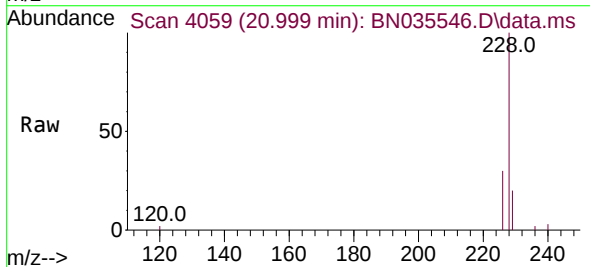
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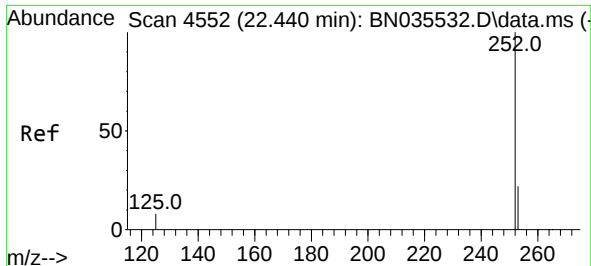
Tgt Ion:228 Resp: 9455
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 28.3 21.8 32.8



#22
Chrysene
Concen: 0.377 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:228 Resp: 10573
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 19.9 16.0 24.0

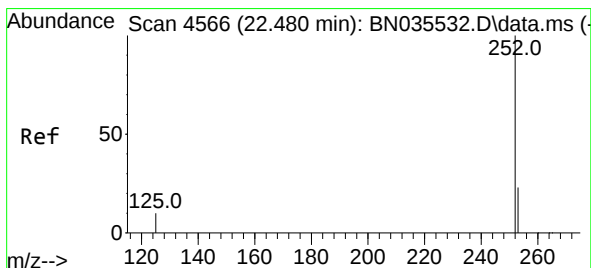
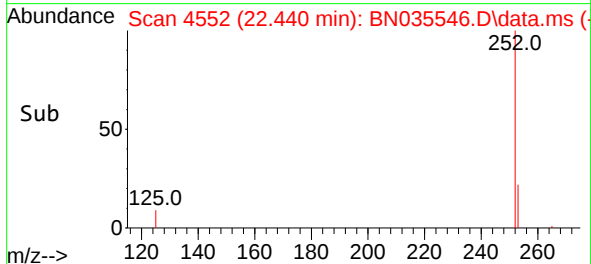
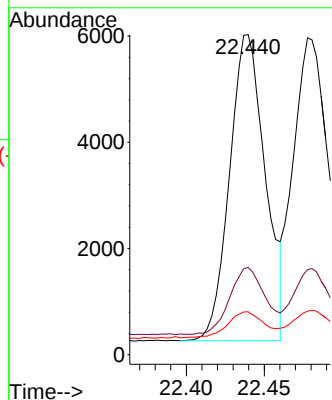
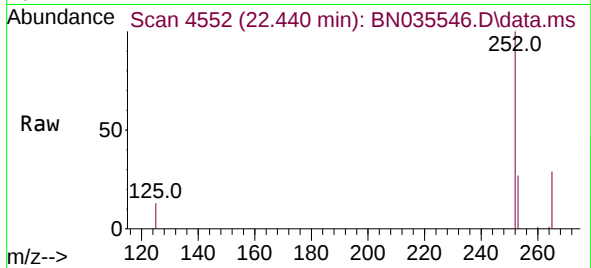




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.440 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

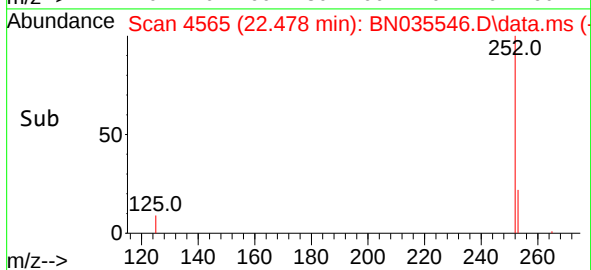
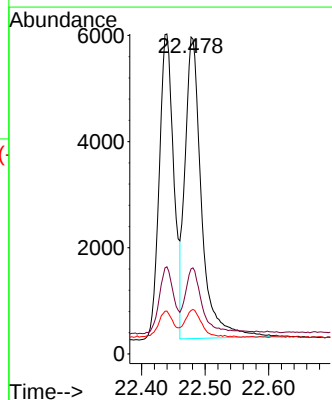
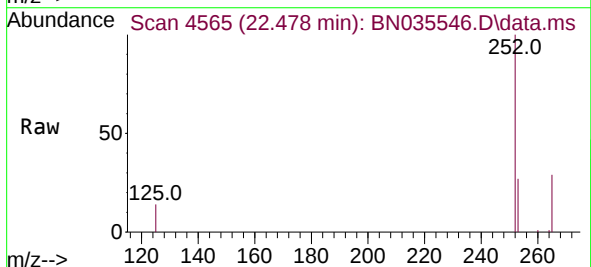
Instrument :
BNA_N
ClientSampleId :
SLCS441

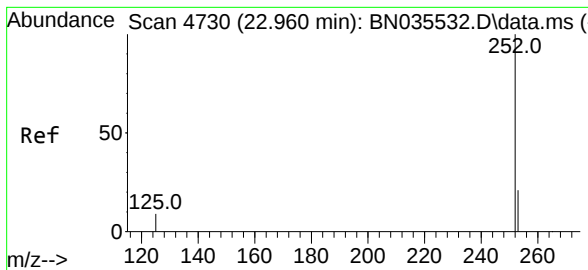
Tgt Ion:252 Resp: 9197
Ion Ratio Lower Upper
252 100
253 27.3 0.0 54.0
125 13.4 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:252 Resp: 10175
Ion Ratio Lower Upper
252 100
253 26.9 21.8 32.6
125 13.7 8.6 12.8#

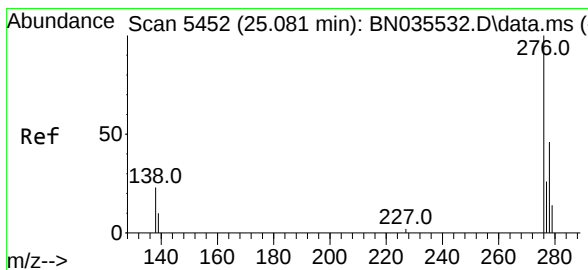
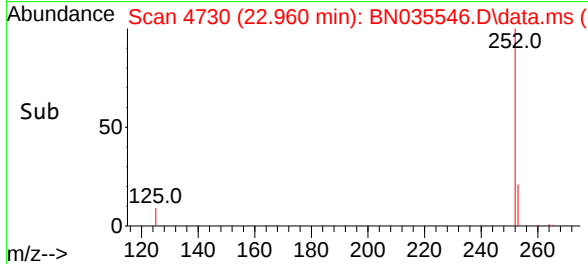
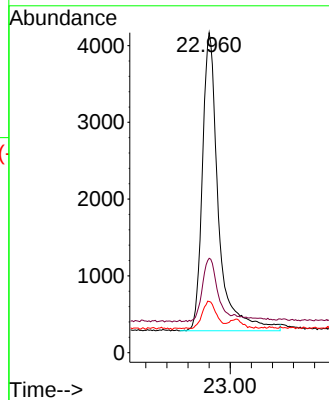
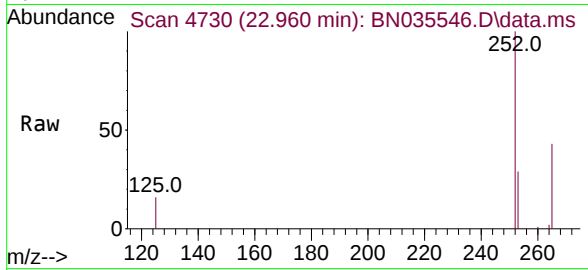




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 22.960 min Scan# 4730
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

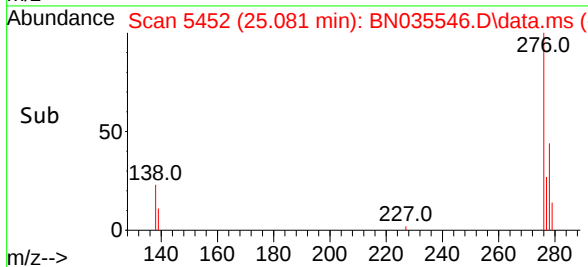
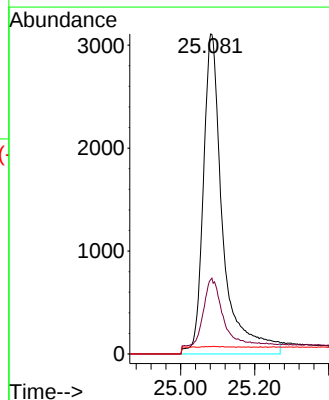
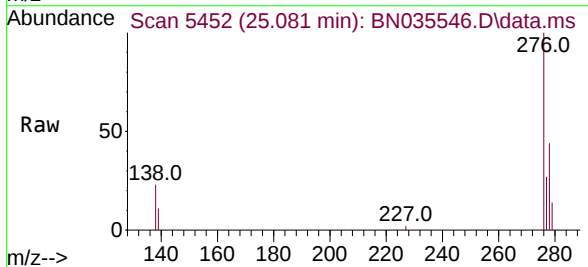
Instrument :
BNA_N
ClientSampleId :
SLCS441

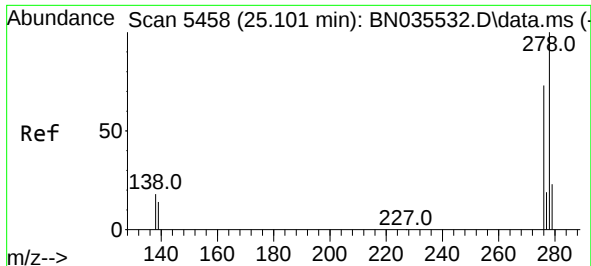
Tgt Ion:252 Resp: 8192
Ion Ratio Lower Upper
252 100
253 29.5 22.9 34.3
125 16.0 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 25.081 min Scan# 5452
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:276 Resp: 11355
Ion Ratio Lower Upper
276 100
138 19.5 13.8 20.8
227 9.5 0.2 0.4#

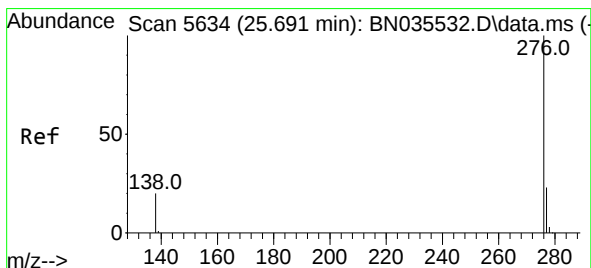
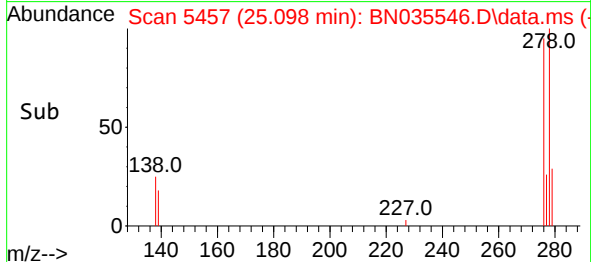
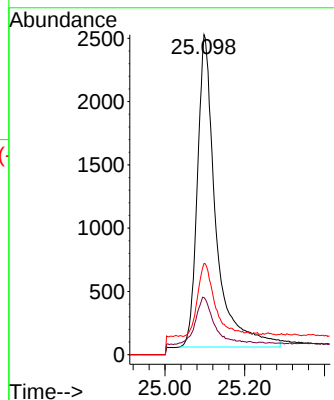
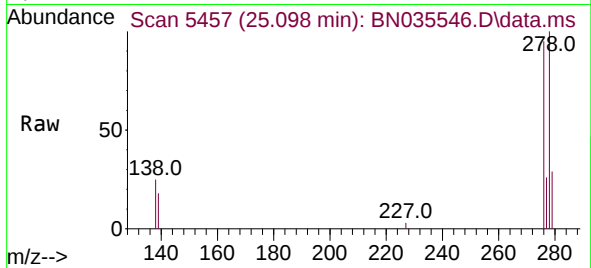




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 25.098 min Scan# 5457
Delta R.T. -0.003 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Instrument :
BNA_N
ClientSampleId :
SLCS441

Tgt Ion:278 Resp: 7922
Ion Ratio Lower Upper
278 100
139 17.8 10.7 16.1#
279 28.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. 0.000 min
Lab File: BN035546.D
Acq: 10 Dec 2024 23:54

Tgt Ion:276 Resp: 8644
Ion Ratio Lower Upper
276 100
138 21.7 13.0 19.6#
277 26.4 20.5 30.7

