

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034833.D
 Acq On : 02 Nov 2024 08:50
 Operator : RC/JU
 Sample : PB164475BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS475

Quant Time: Nov 03 23:30:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

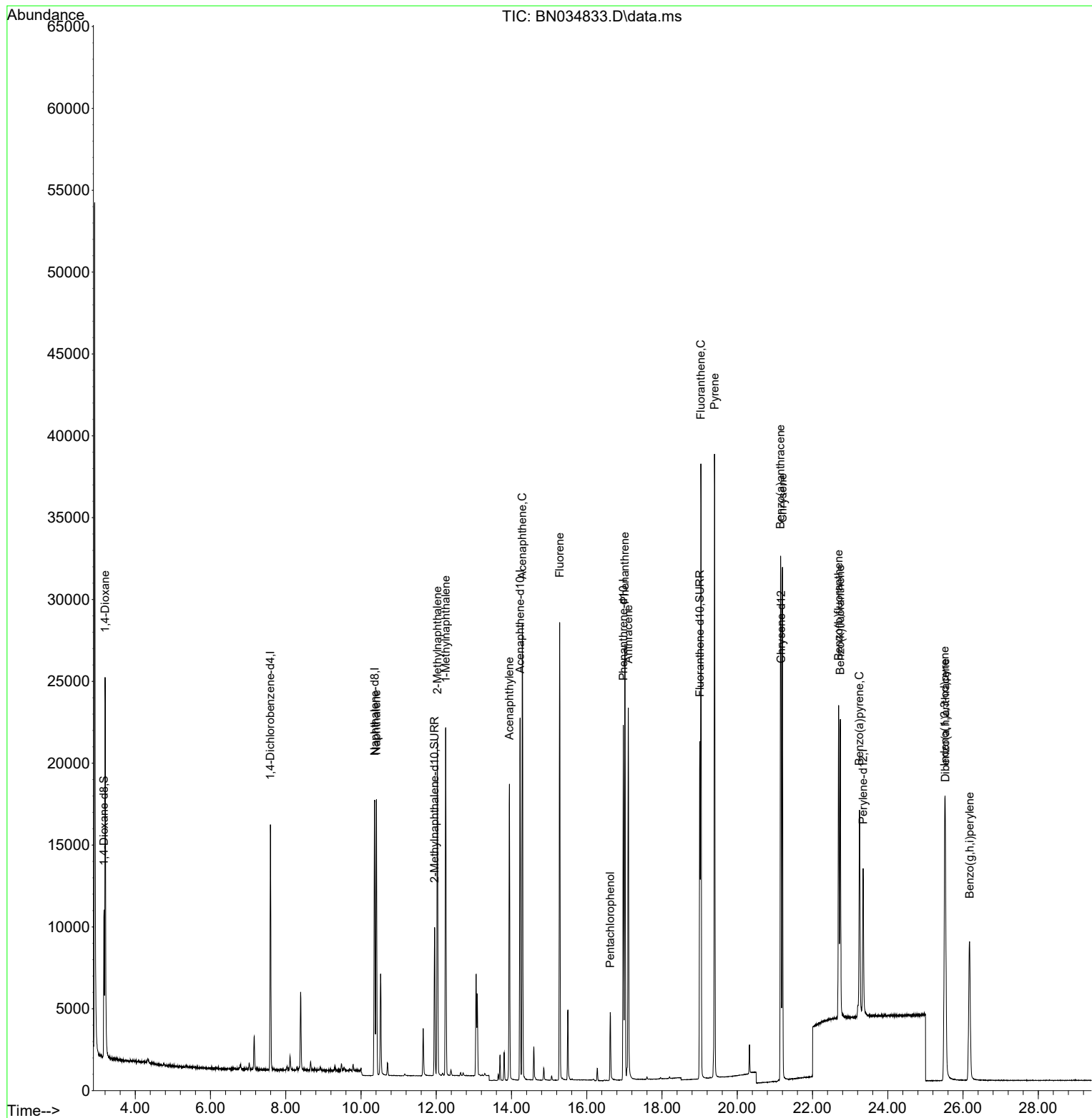
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	7322	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.361	136	22031	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	11397	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	22945	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	14940	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	11653	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5660	0.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	11307	0.409	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	20352	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	14514	1.745	ng/ul#	84
5) Naphthalene	10.410	128	22596	0.387	ng/ul	100
7) 2-Methylnaphthalene	12.027	142	14368	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	14644	0.379	ng/ul	100
10) Acenaphthylene	13.944	152	19780	0.381	ng/ul	99
11) Acenaphthene	14.286	153	15573	0.392	ng/ul	99
12) Fluorene	15.281	166	16990	0.384	ng/ul	99
14) Pentachlorophenol	16.624	266	2822	0.623	ng/ul	99
15) Phenanthrene	17.013	178	27669	0.399	ng/ul	100
16) Anthracene	17.106	178	24572	0.383	ng/ul	100
19) Fluoranthene	19.032	202	29385	0.405	ng/ul	97
20) Pyrene	19.395	202	30262	0.401	ng/ul	95
21) Benzo(a)anthracene	21.148	228	24056	0.402	ng/ul	100
22) Chrysene	21.201	228	25386	0.424	ng/ul	100
24) Benzo(b)fluoranthene	22.694	252	21158	0.446	ng/ul	100
25) Benzo(k)fluoranthene	22.738	252	21541	0.450	ng/ul	99
26) Benzo(a)pyrene	23.247	252	17413	0.426	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.513	276	19929	0.458	ng/ul	97
28) Dibenzo(a,h)anthracene	25.530	278	15355	0.467	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	16082	0.471	ng/ul	99

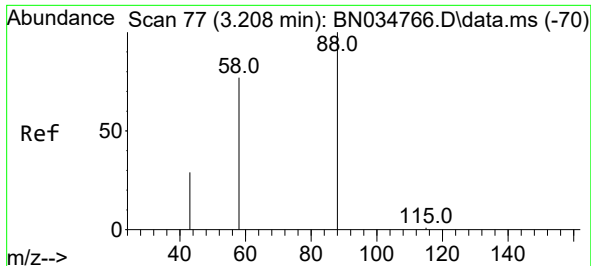
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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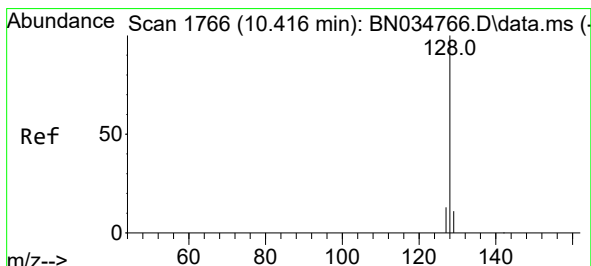
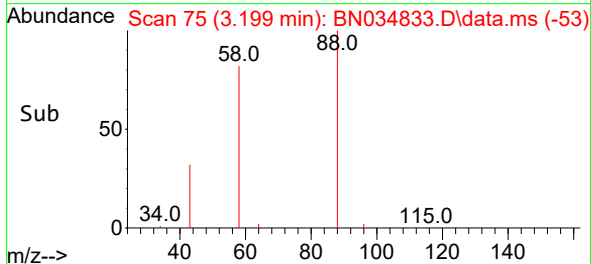
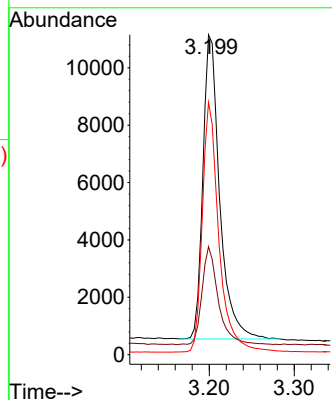
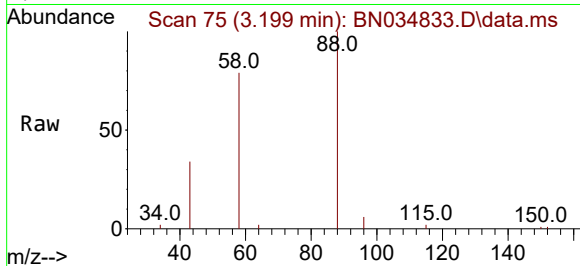




#2
1,4-Dioxane
Concen: 1.745 ng/ul
RT: 3.199 min Scan# 71
Delta R.T. -0.009 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

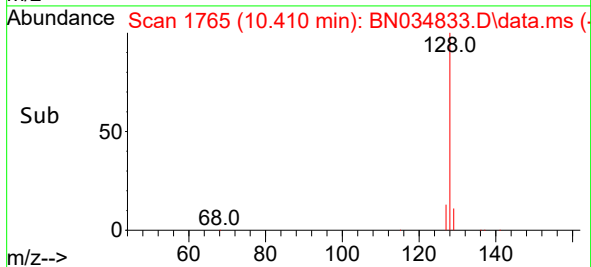
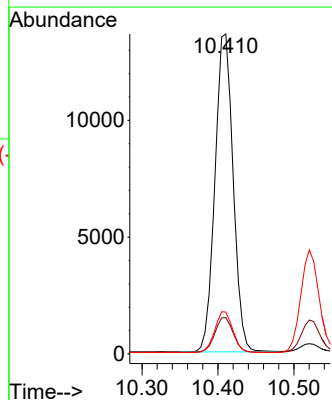
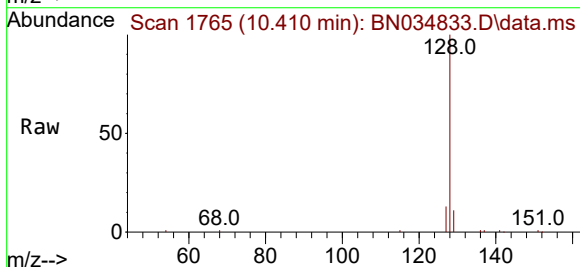
Instrument :
BNA_N
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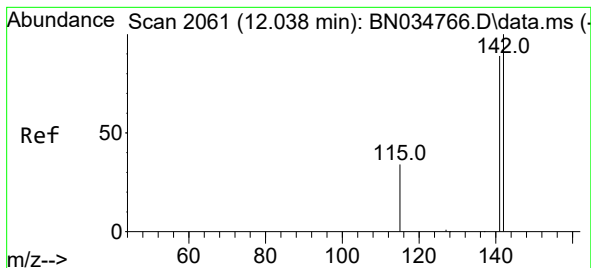
Tgt Ion: 88 Resp: 14514
Ion Ratio Lower Upper
88 100
43 33.8 41.9 62.9#
58 78.9 57.5 86.3



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:128 Resp: 22596
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.5 15.7

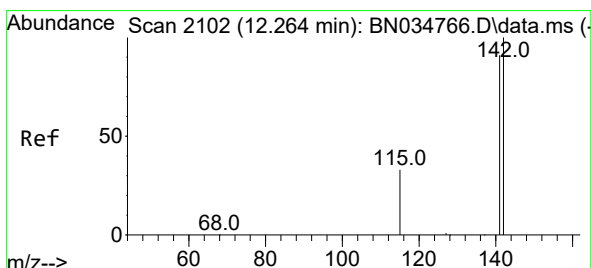
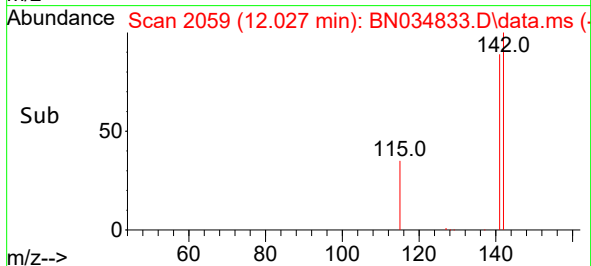
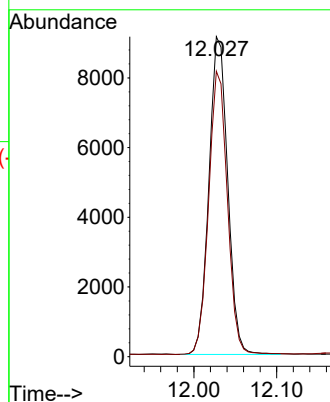
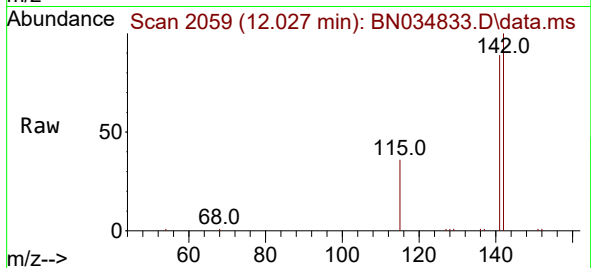




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.027 min Scan# 2061
Delta R.T. -0.017 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

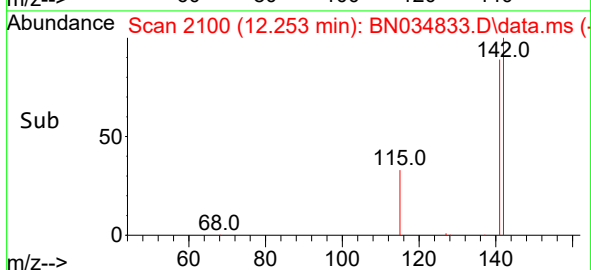
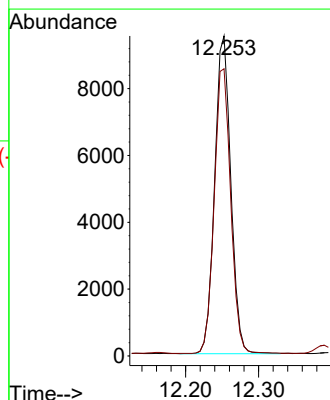
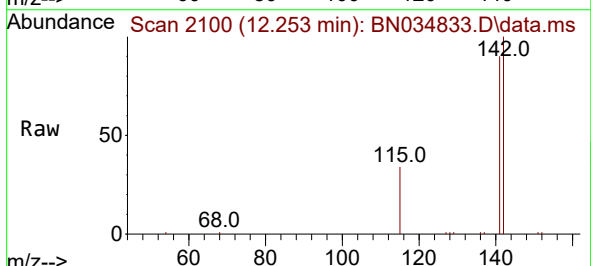
Instrument :
BNA_N
ClientSampleId :
SLCS475

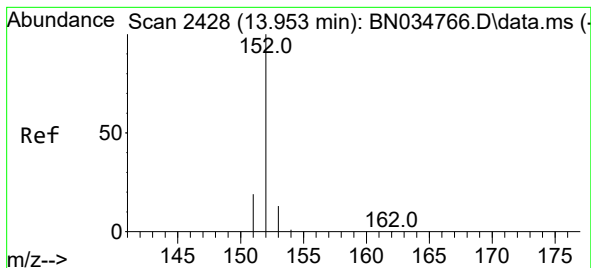
Tgt Ion:142 Resp: 14368
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:142 Resp: 14644
Ion Ratio Lower Upper
142 100
141 91.5 73.6 110.4





#10

Acenaphthylene

Concen: 0.381 ng/ul

RT: 13.944 min Scan# 2428

Delta R.T. -0.009 min

Lab File: BN034833.D

Acq: 02 Nov 2024 08:50

Instrument :

BNA_N

ClientSampleId :

SLCS475

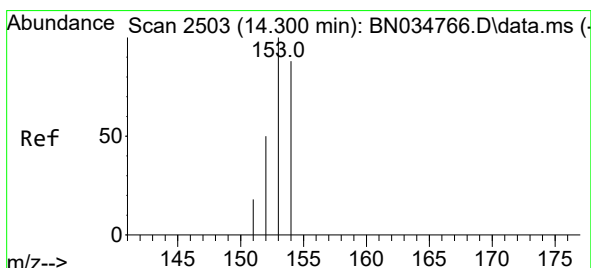
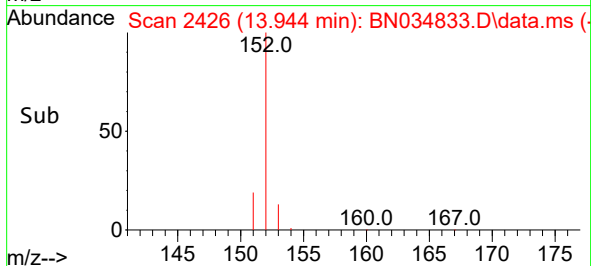
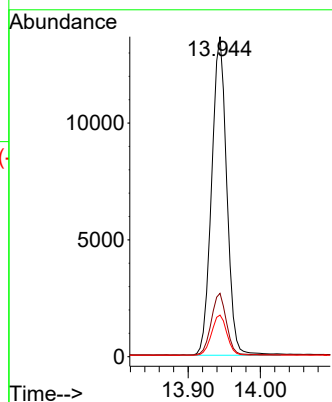
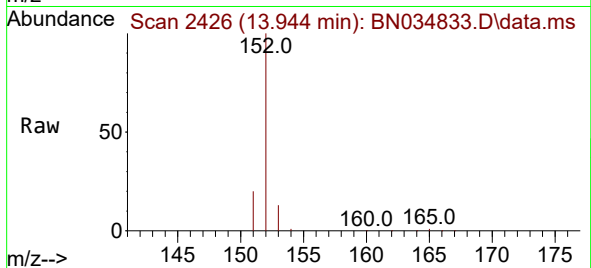
Tgt Ion:152 Resp: 19780

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.0 10.7 16.1



#11

Acenaphthene

Concen: 0.392 ng/ul

RT: 14.286 min Scan# 2500

Delta R.T. -0.014 min

Lab File: BN034833.D

Acq: 02 Nov 2024 08:50

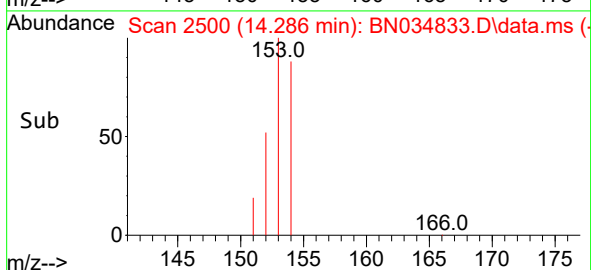
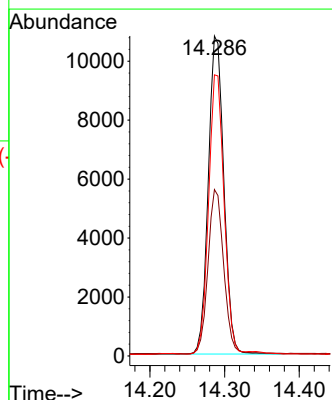
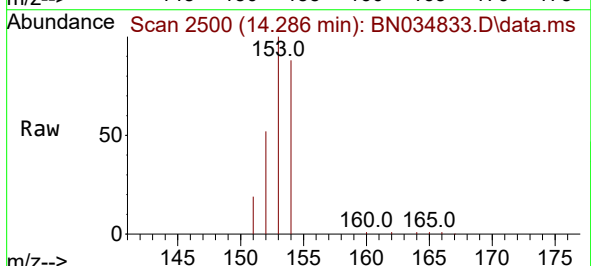
Tgt Ion:153 Resp: 15573

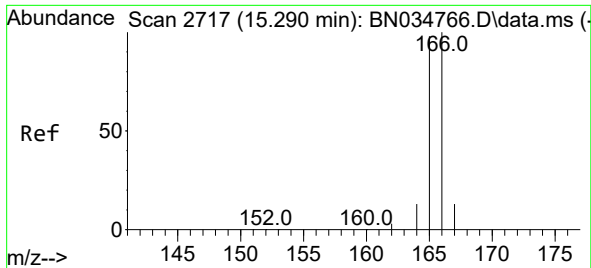
Ion Ratio Lower Upper

153 100

152 52.0 40.3 60.5

154 87.8 69.9 104.9

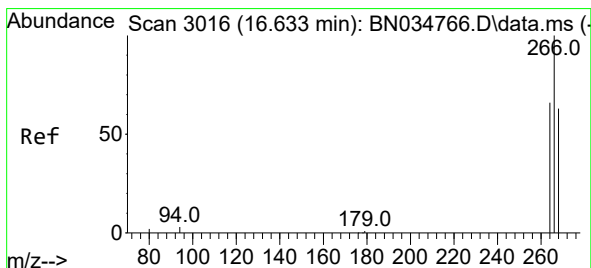
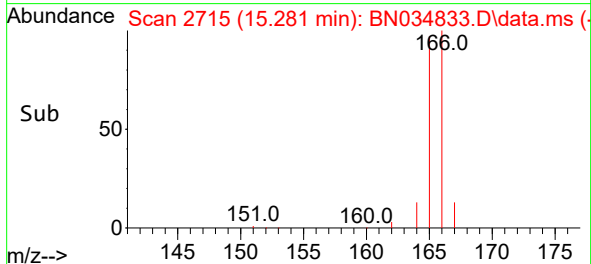
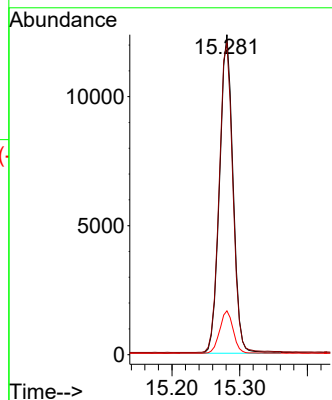
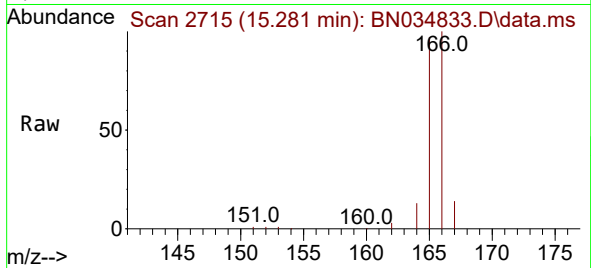




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.281 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

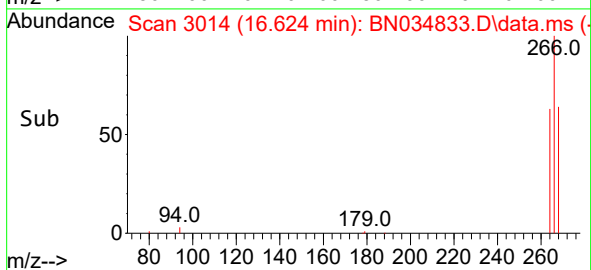
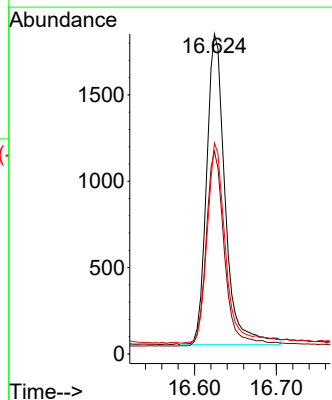
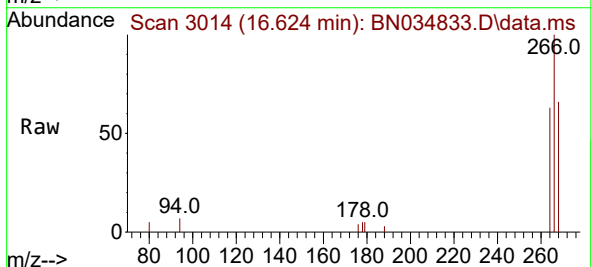
Instrument :
BNA_N
ClientSampleId :
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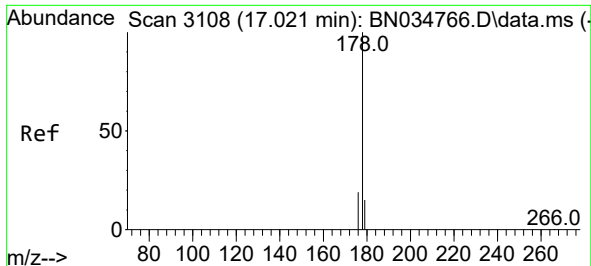
Tgt Ion:166 Resp: 16990
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.623 ng/ul
RT: 16.624 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:266 Resp: 2822
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 63.8 52.0 78.0

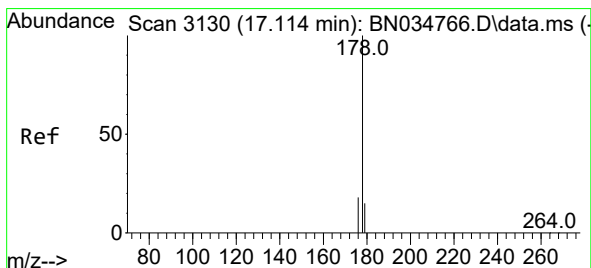
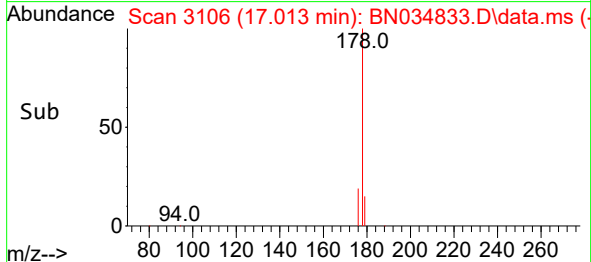
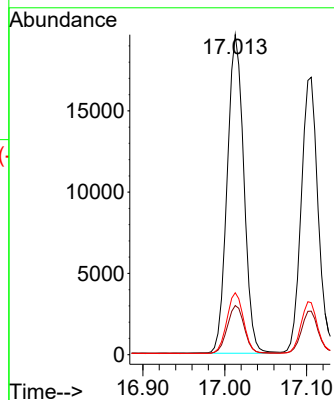
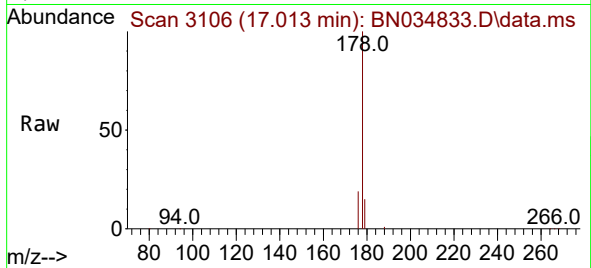




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.013 min Scan# 3106
Delta R.T. -0.013 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

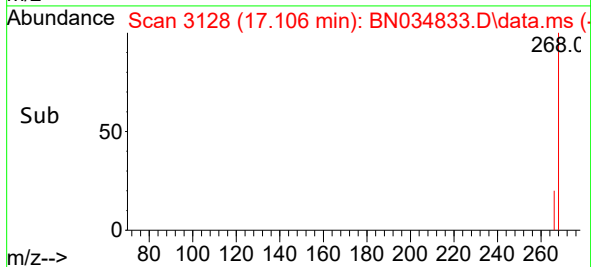
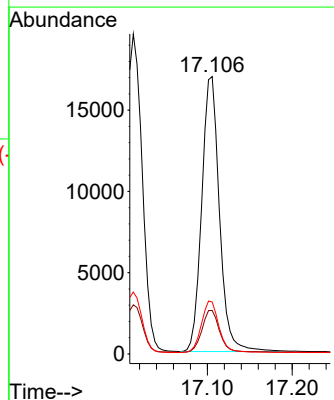
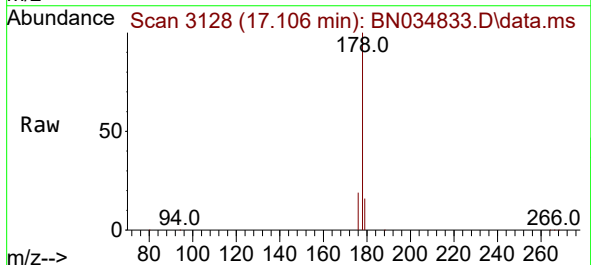
Instrument :
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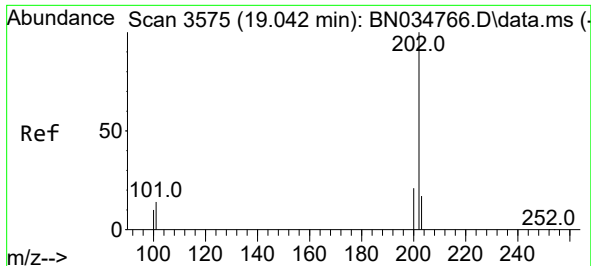
Tgt Ion:178 Resp: 27669
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.3 15.4 23.0



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:178 Resp: 24572
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 18.8 15.1 22.7

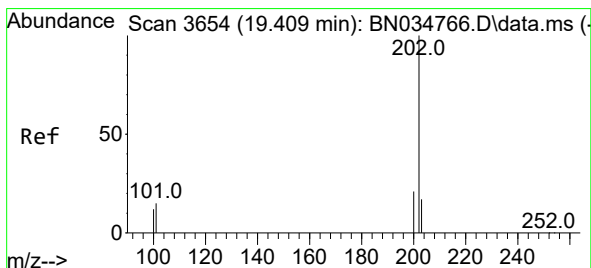
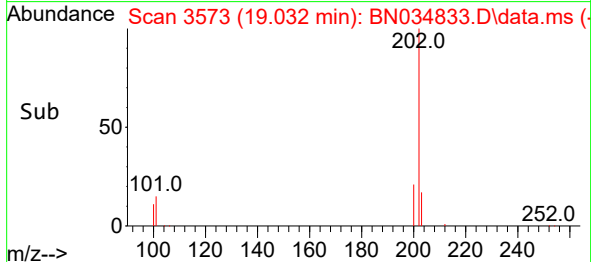
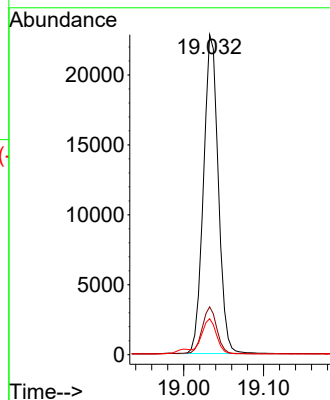
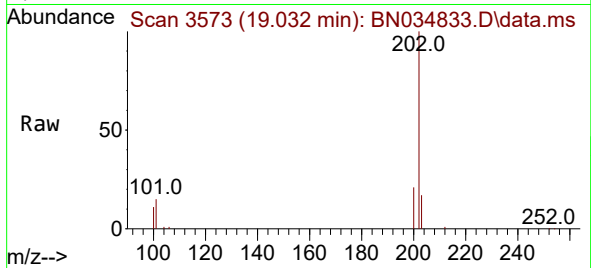




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.032 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

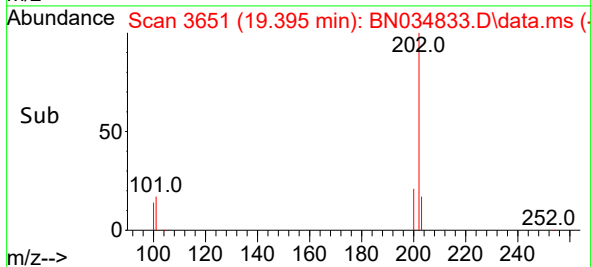
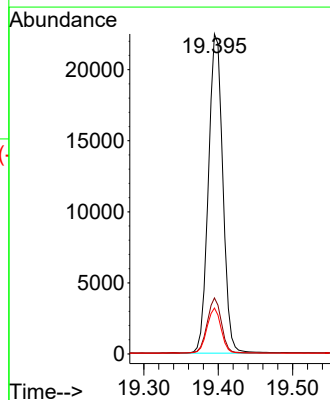
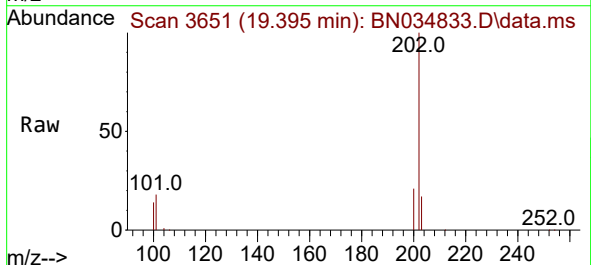
Instrument :
BNA_N
ClientSampleId :
SLCS475

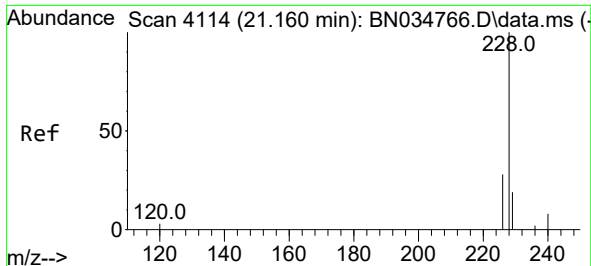
Tgt Ion:202 Resp: 29385
Ion Ratio Lower Upper
202 100
101 15.0 10.8 16.2
100 11.3 8.2 12.2



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.395 min Scan# 3651
Delta R.T. -0.014 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:202 Resp: 30262
Ion Ratio Lower Upper
202 100
101 17.5 12.4 18.6
100 14.3 10.0 15.0

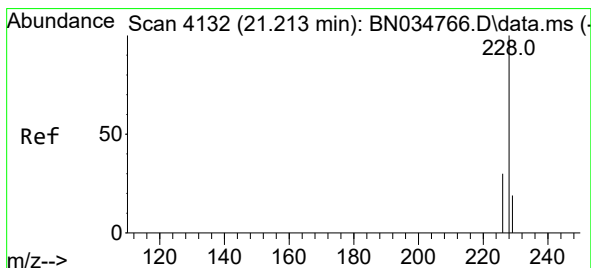
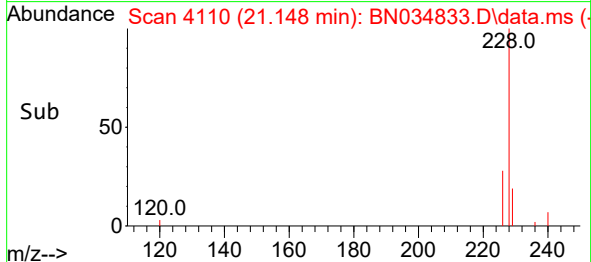
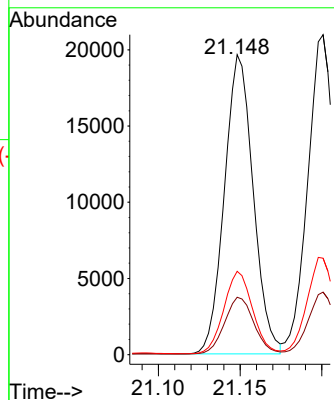
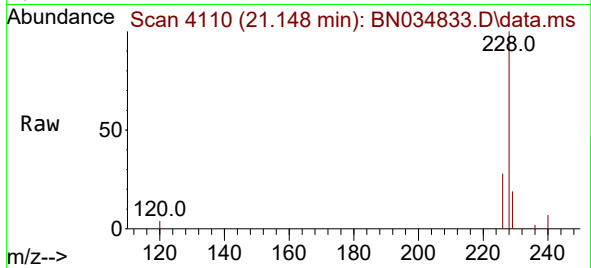




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

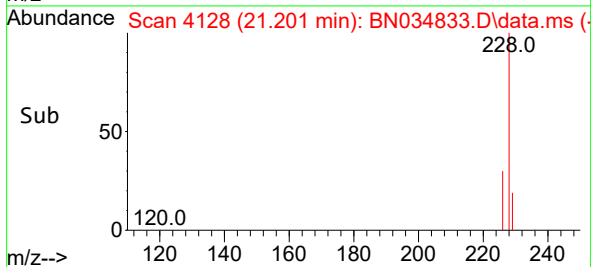
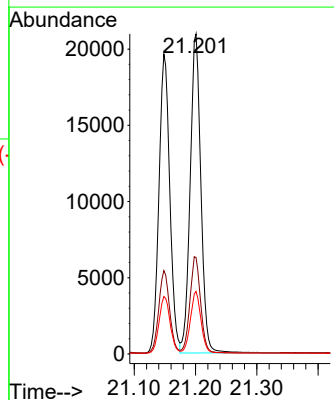
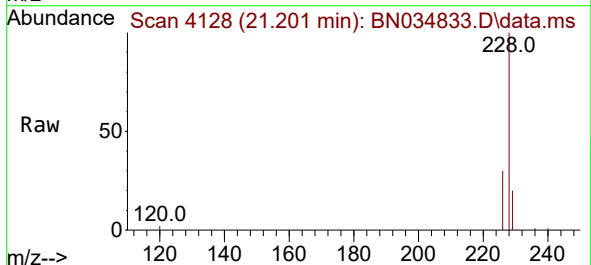
Instrument :
BNA_N
ClientSampleId :
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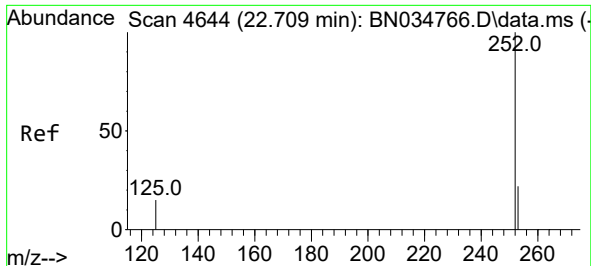
Tgt Ion:228 Resp: 24056
Ion Ratio Lower Upper
228 100
229 19.1 15.5 23.3
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

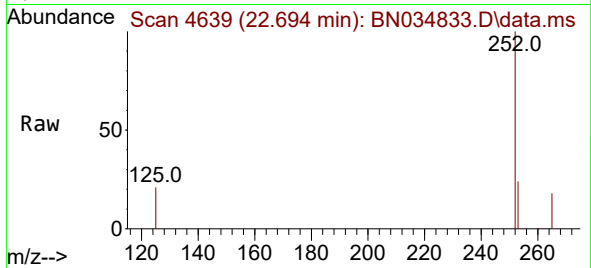
Tgt Ion:228 Resp: 25386
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.5 15.6 23.4



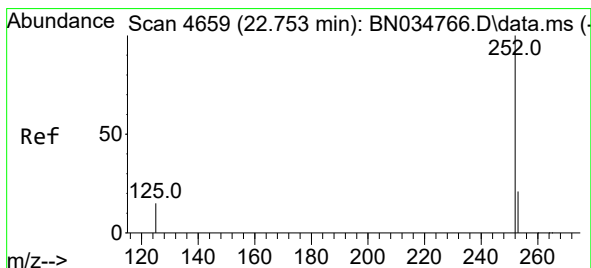
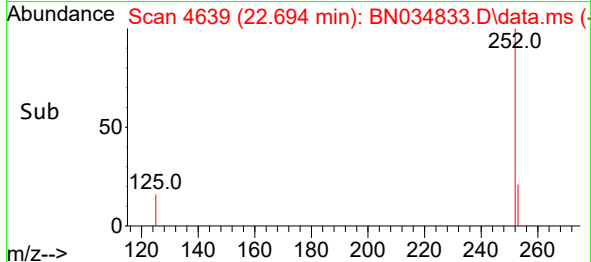
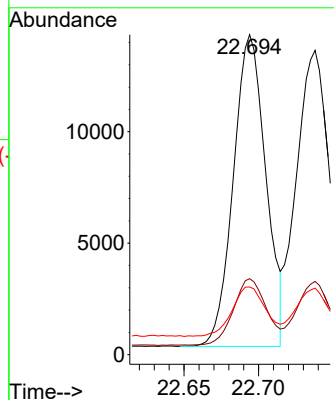


#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.015 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Instrument :
BNA_N
ClientSampleId :
SLCS475

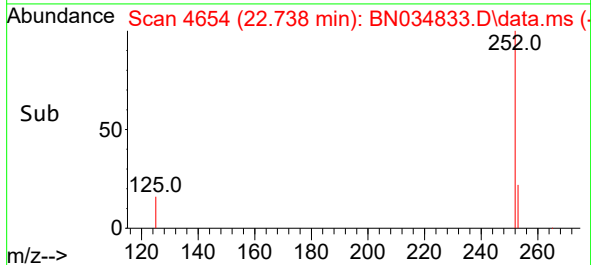
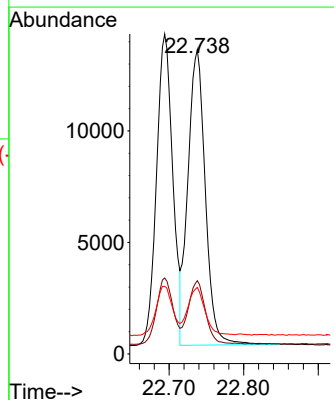
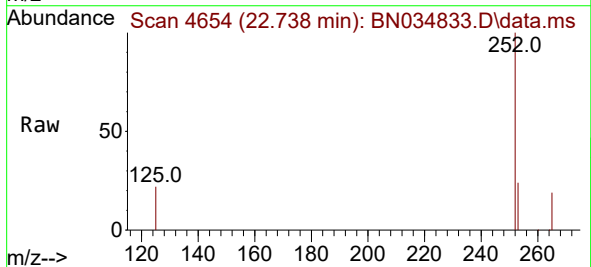


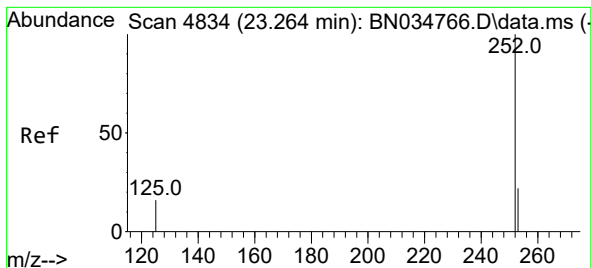
Tgt Ion:252 Resp: 21158
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.6
125 21.2 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034833.D
Acq: 02 Nov 2024 08:50

Tgt Ion:252 Resp: 21541
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 21.9 17.0 25.4





#26

Benzo(a)pyrene

Concen: 0.426 ng/ul

RT: 23.247 min Scan# 4828

Delta R.T. -0.018 min

Lab File: BN034833.D

Acq: 02 Nov 2024 08:50

Instrument :

BNA_N

ClientSampleId :

SLCS475

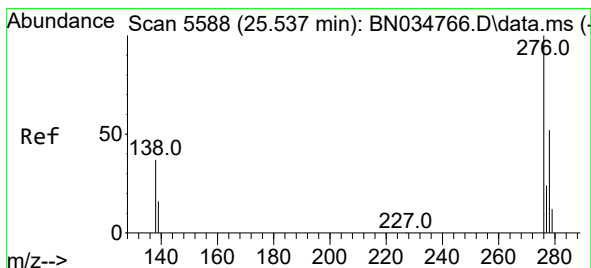
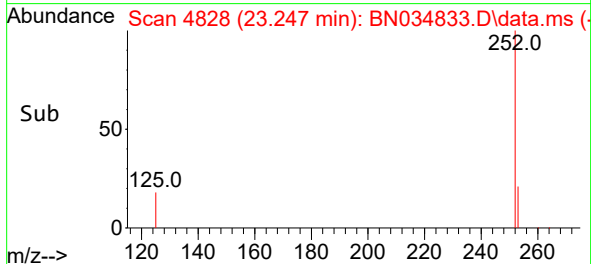
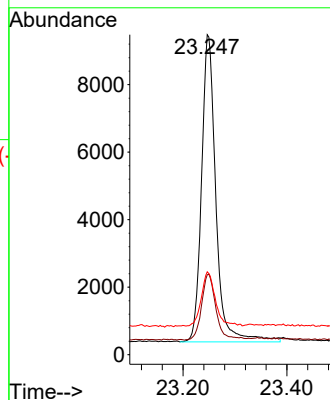
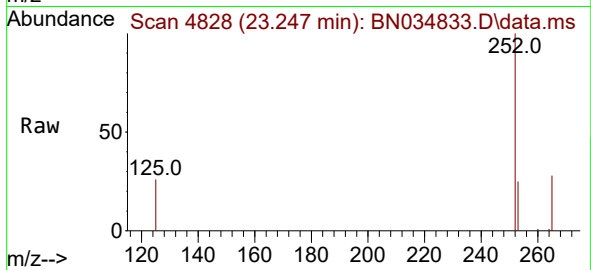
Tgt Ion:252 Resp: 17413

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

125 25.9 19.8 29.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng/ul

RT: 25.513 min Scan# 5581

Delta R.T. -0.024 min

Lab File: BN034833.D

Acq: 02 Nov 2024 08:50

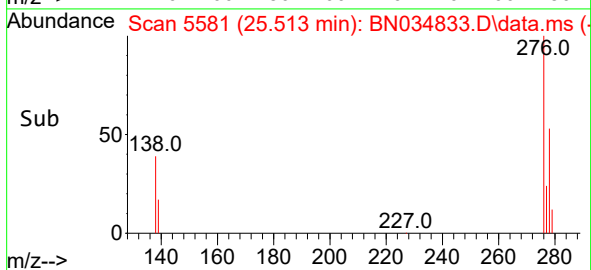
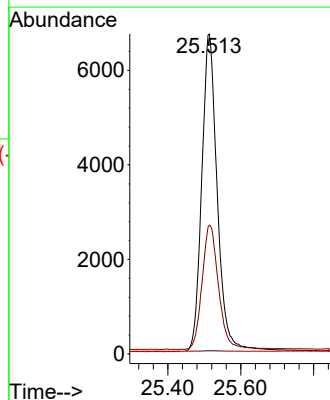
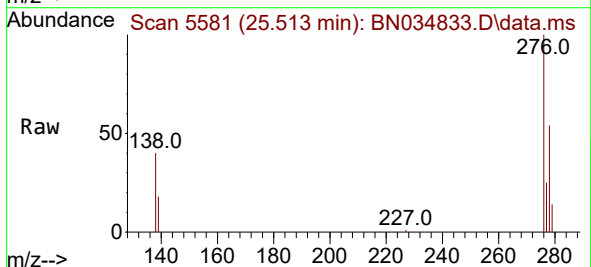
Tgt Ion:276 Resp: 19929

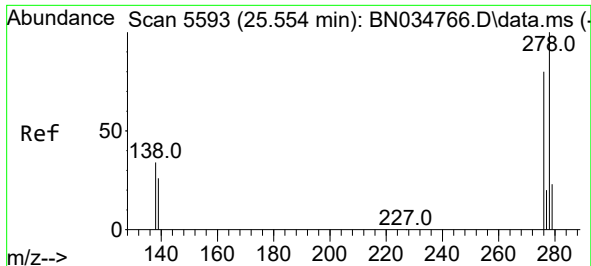
Ion Ratio Lower Upper

276 100

138 41.4 31.8 47.6

227 0.3 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.467 ng/ul

RT: 25.530 min Scan# 51

Delta R.T. -0.024 min

Lab File: BN034833.D

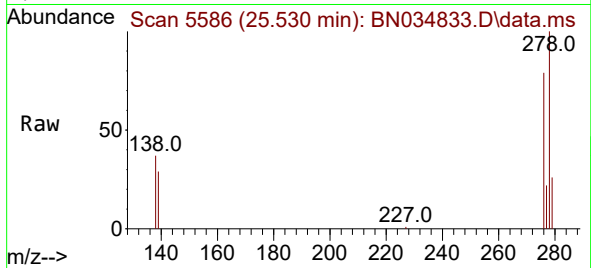
Acq: 02 Nov 2024 08:50

Instrument :

BNA_N

ClientSampleId :

SLCS475



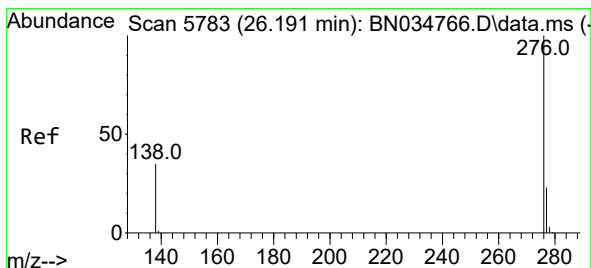
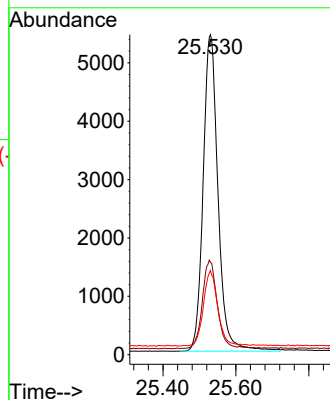
Tgt Ion:278 Resp: 15355

Ion Ratio Lower Upper

278 100

139 28.9 23.4 35.2

279 26.3 20.6 31.0



#29

Benzo(g,h,i)perylene

Concen: 0.471 ng/ul

RT: 26.174 min Scan# 5778

Delta R.T. -0.020 min

Lab File: BN034833.D

Acq: 02 Nov 2024 08:50

Tgt Ion:276 Resp: 16082

Ion Ratio Lower Upper

276 100

138 36.3 28.8 43.2

277 24.7 20.2 30.2

