

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033983.D
 Acq On : 16 Sep 2024 11:03
 Operator : JU/RC
 Sample : PB163397BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS397

Quant Time: Sep 16 12:16:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

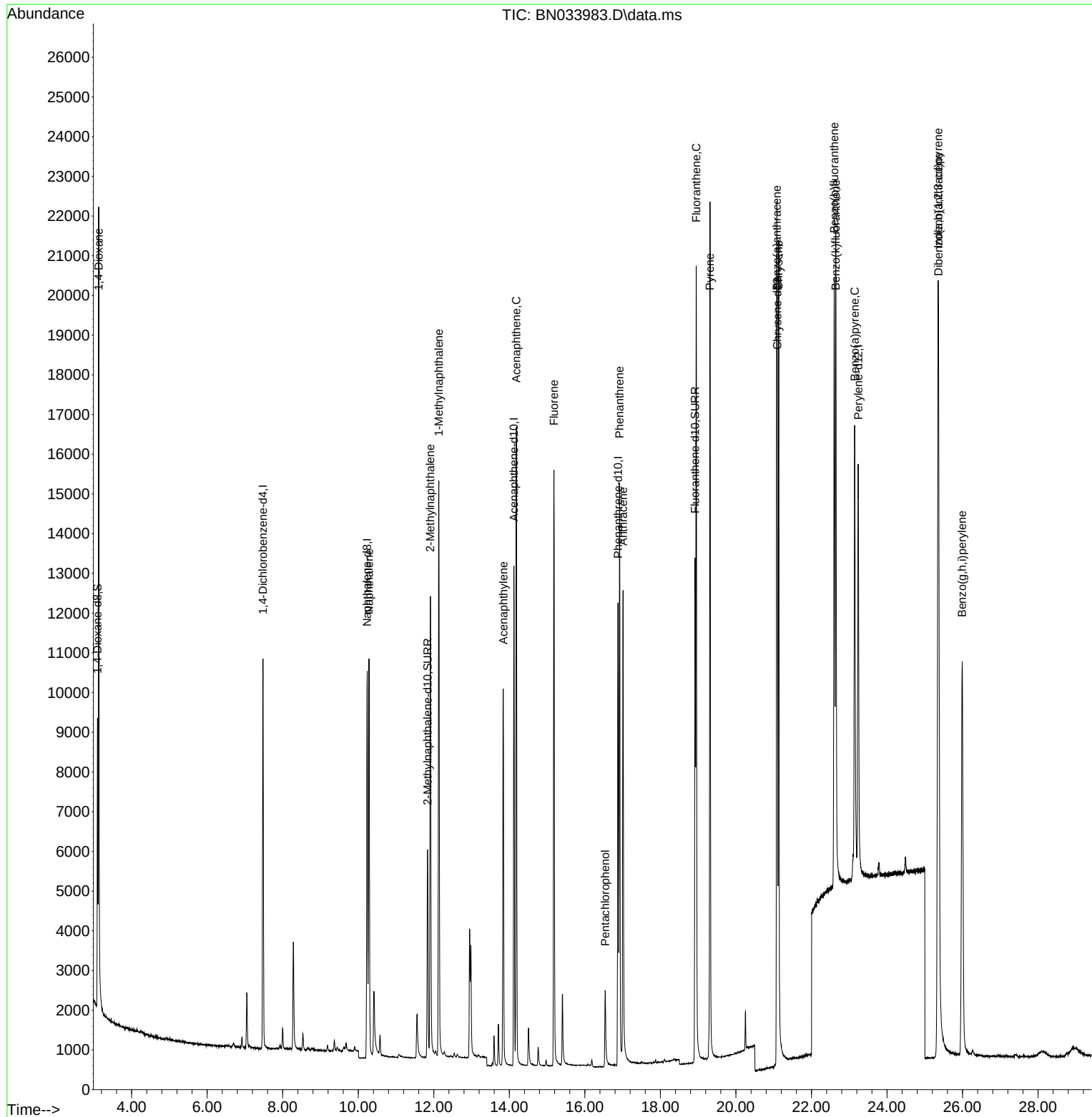
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	4841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	13472	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.122	164	6960	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.879	188	14566	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	12220	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	13875	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	4017	0.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	7563	0.391	ng/ul	0.00
18) Fluoranthene-d10	18.918	212	14944	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	11442	2.072	ng/ul#	78
5) Naphthalene	10.281	128	14017	0.389	ng/ul	99
7) 2-Methylnaphthalene	11.909	142	8744	0.383	ng/ul	100
8) 1-Methylnaphthalene	12.135	142	10593	0.451	ng/ul	100
10) Acenaphthylene	13.840	152	11561	0.366	ng/ul	99
11) Acenaphthene	14.187	153	9467	0.415	ng/ul	99
12) Fluorene	15.182	166	10045	0.394	ng/ul	99
14) Pentachlorophenol	16.537	266	1744	0.381	ng/ul	99
15) Phenanthrene	16.917	178	15888	0.370	ng/ul	100
16) Anthracene	17.010	178	13873	0.359	ng/ul	100
19) Fluoranthene	18.951	202	18322	0.380	ng/ul	100
20) Pyrene	19.313	202	19202	0.375	ng/ul	100
21) Benzo(a)anthracene	21.082	228	17037	0.354	ng/ul	99
22) Chrysene	21.131	228	19541	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.604	252	18959	0.352	ng/ul	97
25) Benzo(k)fluoranthene	22.645	252	21057	0.391	ng/ul	97
26) Benzo(a)pyrene	23.145	252	17883	0.414	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.353	276	24612	0.379	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.363	278	19053	0.378	ng/ul	98
29) Benzo(g,h,i)perylene	25.990	276	19994	0.394	ng/ul	98

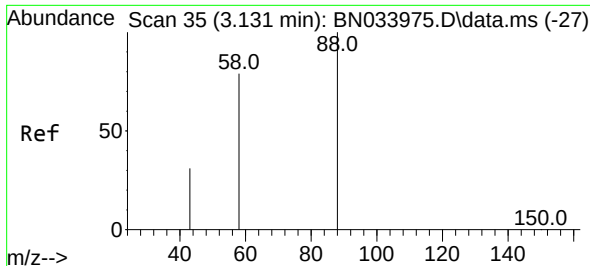
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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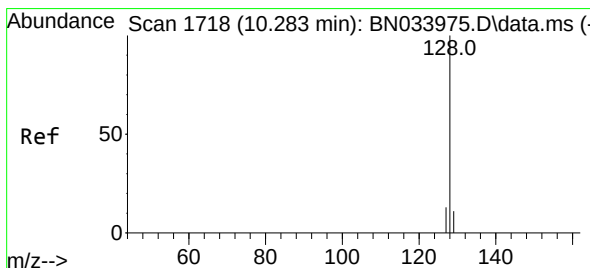
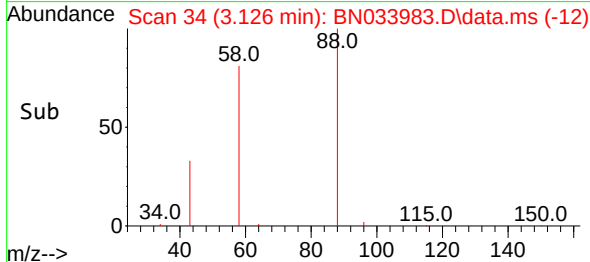
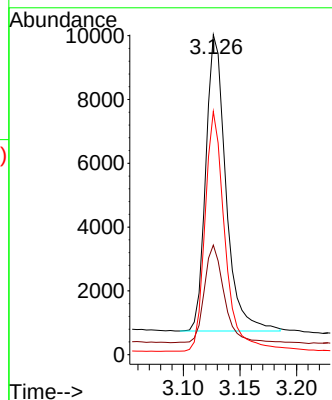
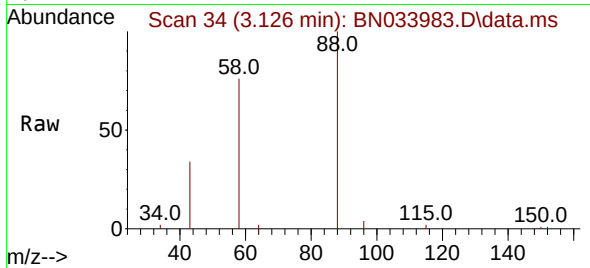




#2
1,4-Dioxane
Concen: 2.072 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.009 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

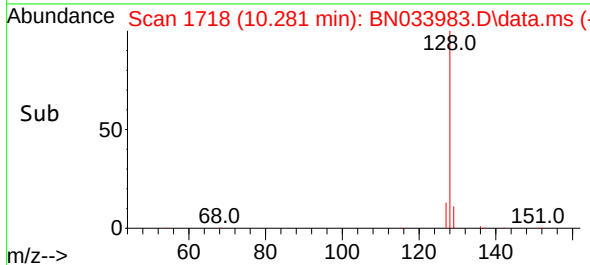
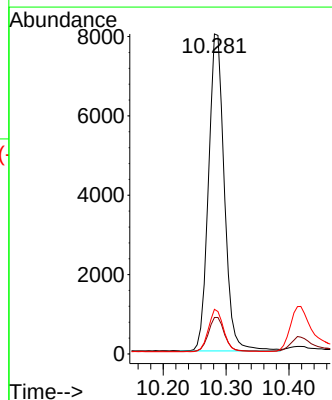
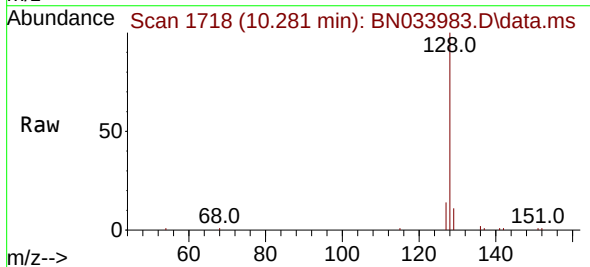
Instrument :
BNA_N
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SLCS397

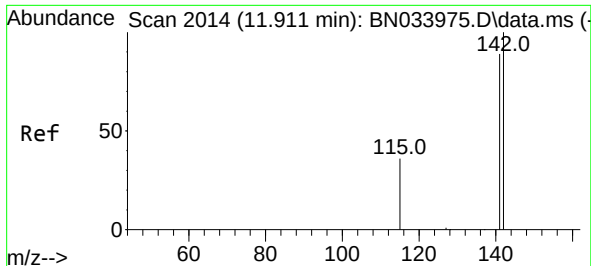
Tgt Ion: 88 Resp: 11442
Ion Ratio Lower Upper
88 100
43 34.3 47.0 70.4#
58 76.0 53.0 79.4



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion:128 Resp: 14017
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.9 10.8 16.2

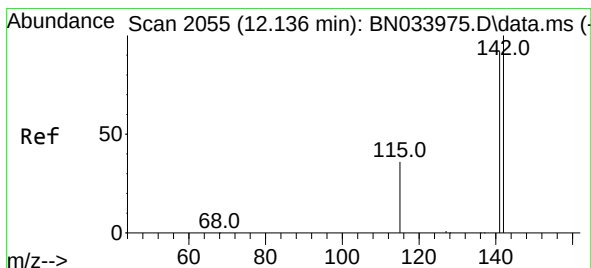
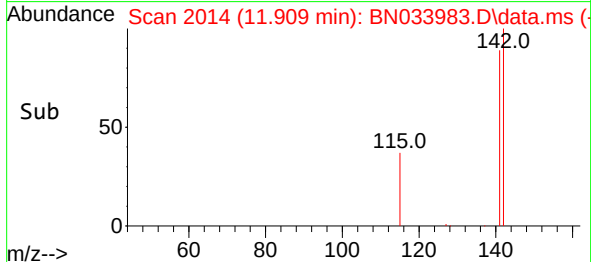
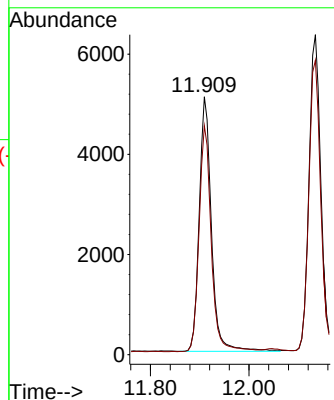
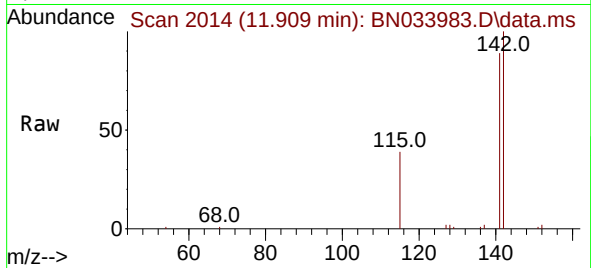




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 11.909 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

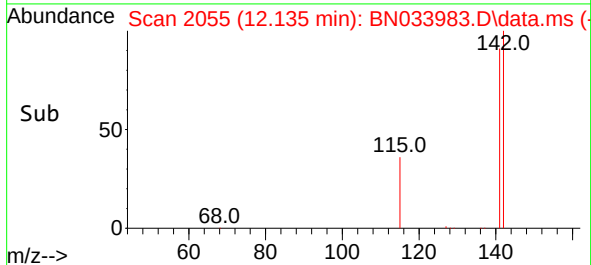
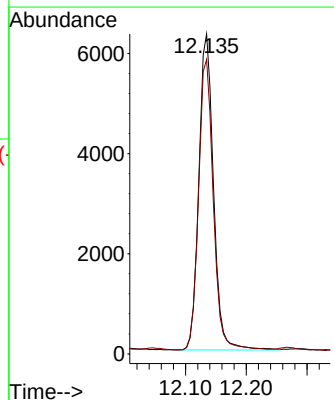
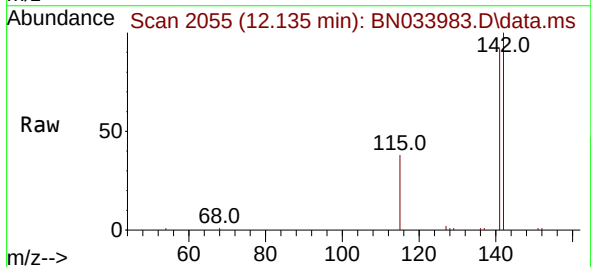
Instrument :
BNA_N
ClientSampleId :
SLCS397

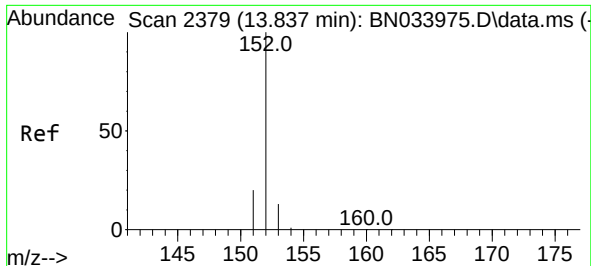
Tgt Ion:142 Resp: 8744
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.007 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion:142 Resp: 10593
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4

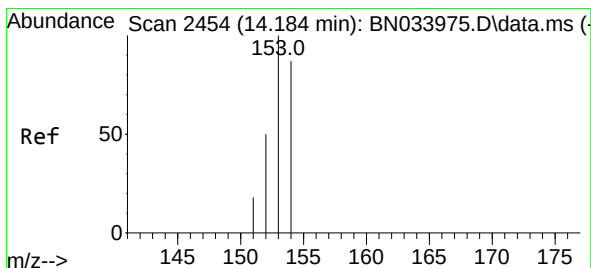
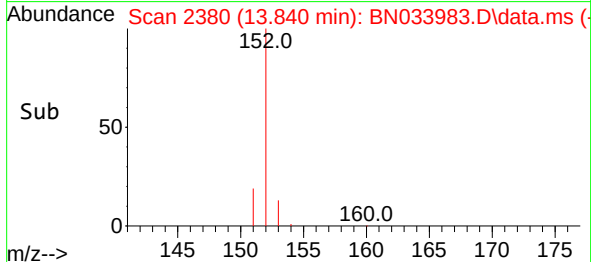
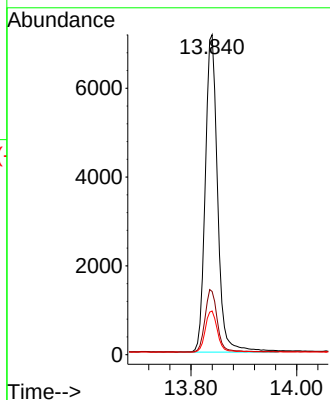
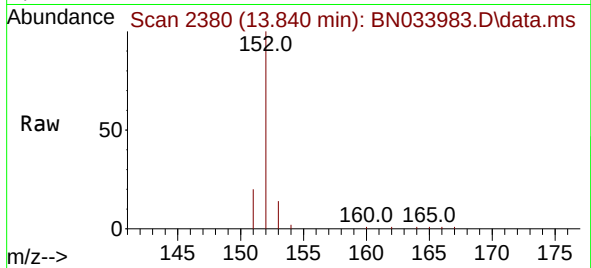




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.840 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

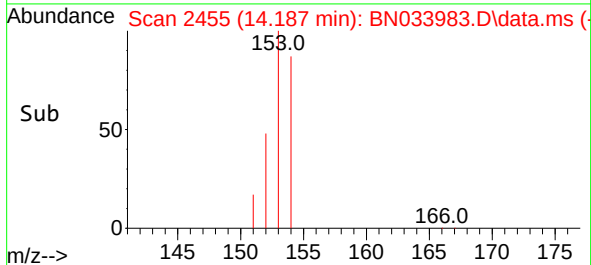
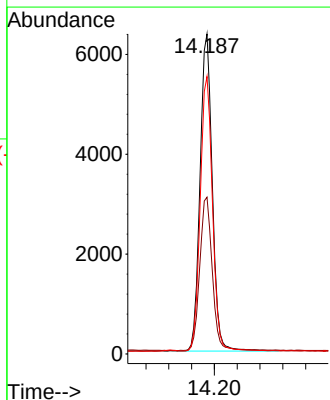
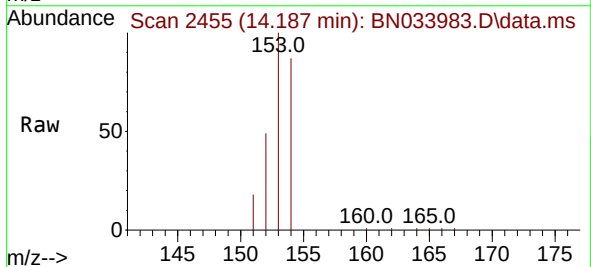
Instrument :
BNA_N
ClientSampleId :
SLCS397

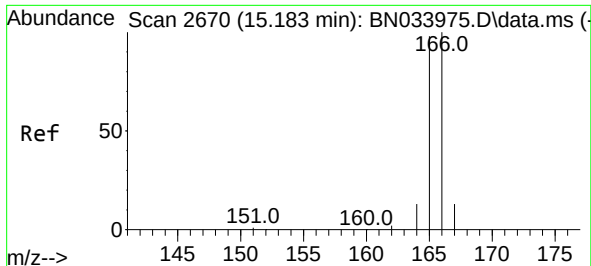
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.7	10.8	16.2



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.8	59.8
154	86.7	69.0	103.6

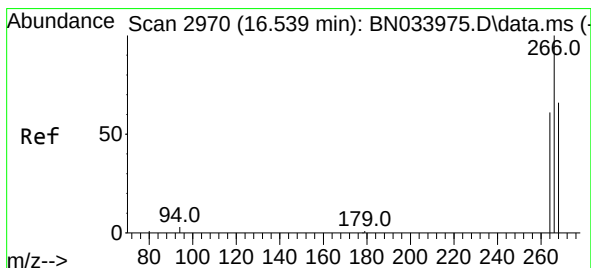
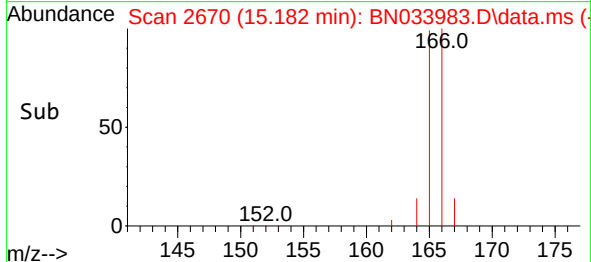
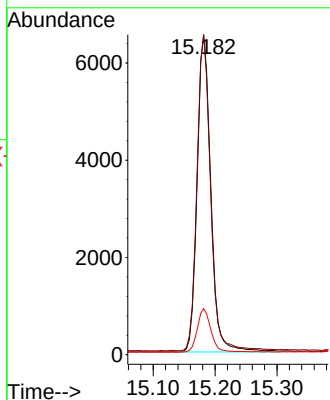
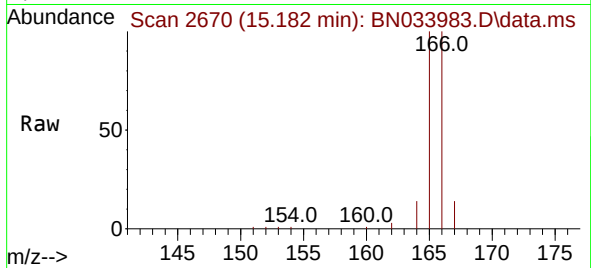




#12
 Fluorene
 Concen: 0.394 ng/ul
 RT: 15.182 min Scan# 2670
 Delta R.T. -0.006 min
 Lab File: BN033983.D
 Acq: 16 Sep 2024 11:03

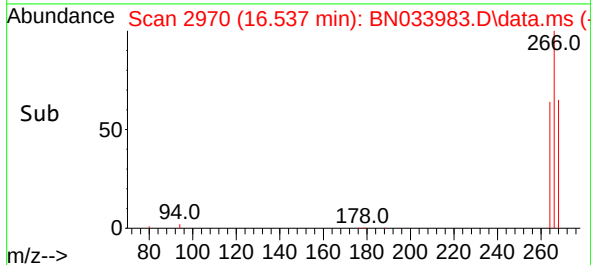
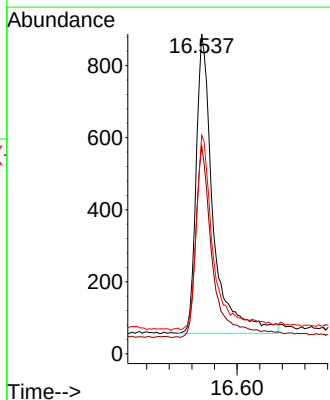
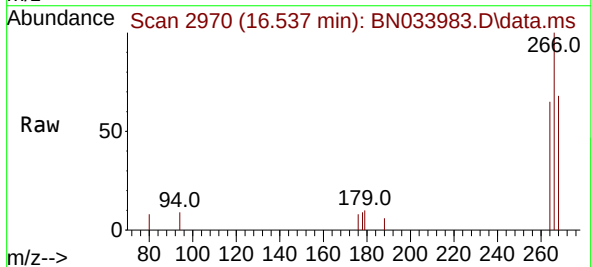
Instrument :
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 ClientSampleId :
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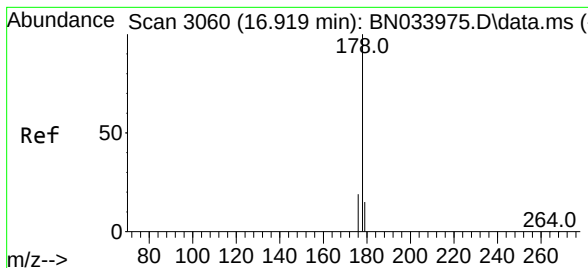
Tgt Ion:166 Resp: 10045
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.1 118.7
 167 14.4 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.381 ng/ul
 RT: 16.537 min Scan# 2970
 Delta R.T. -0.006 min
 Lab File: BN033983.D
 Acq: 16 Sep 2024 11:03

Tgt Ion:266 Resp: 1744
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.3 75.5
 268 66.0 51.7 77.5





#15

Phenanthrene

Concen: 0.370 ng/ul

RT: 16.917 min Scan# 3060

Delta R.T. -0.010 min

Lab File: BN033983.D

Acq: 16 Sep 2024 11:03

Instrument :

BNA_N

ClientSampleId :

SLCS397

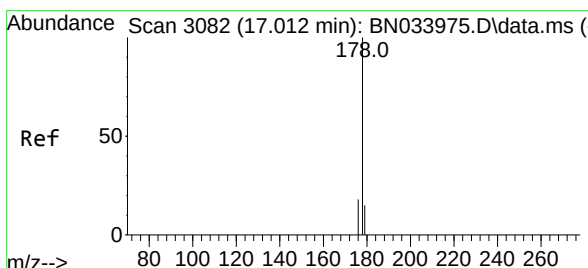
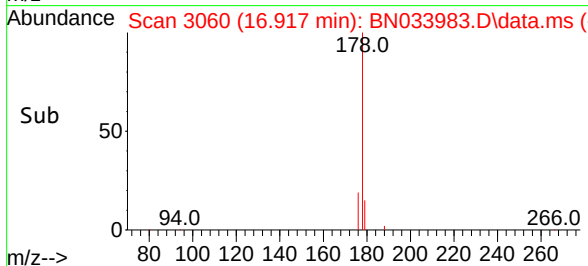
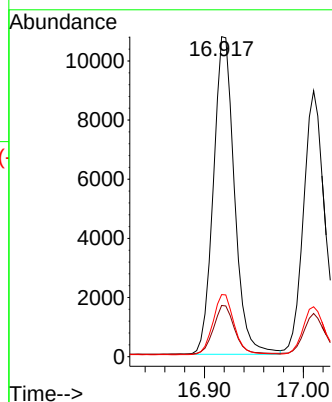
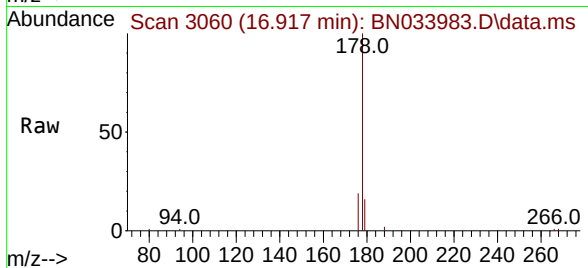
Tgt Ion:178 Resp: 15888

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 19.4 15.7 23.5



#16

Anthracene

Concen: 0.359 ng/ul

RT: 17.010 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BN033983.D

Acq: 16 Sep 2024 11:03

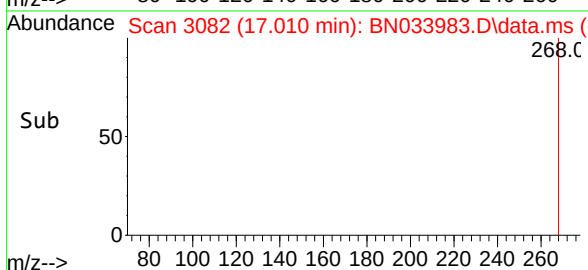
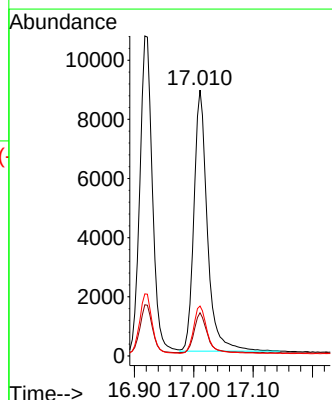
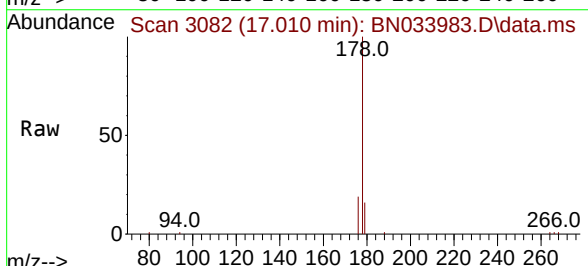
Tgt Ion:178 Resp: 13873

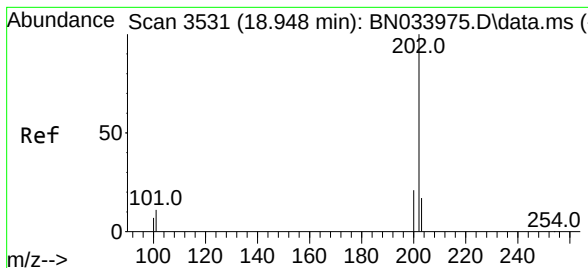
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

176 18.8 15.2 22.8





#19

Fluoranthene

Concen: 0.380 ng/u1

RT: 18.951 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BN033983.D

Acq: 16 Sep 2024 11:03

Instrument :

BNA_N

ClientSampleId :

SLCS397

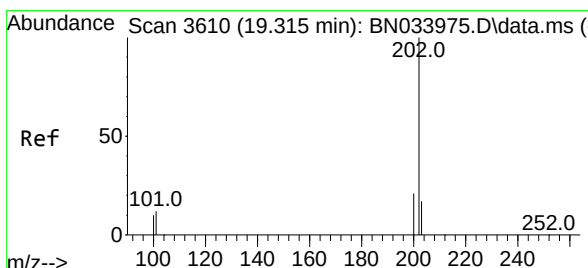
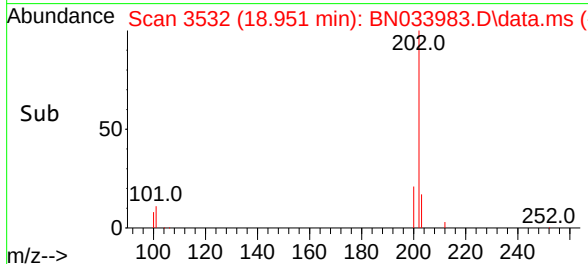
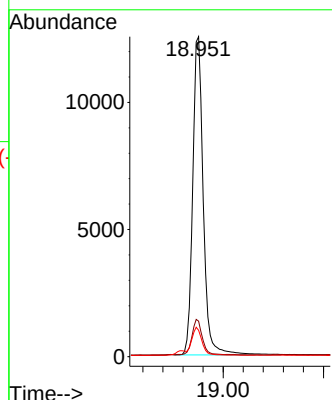
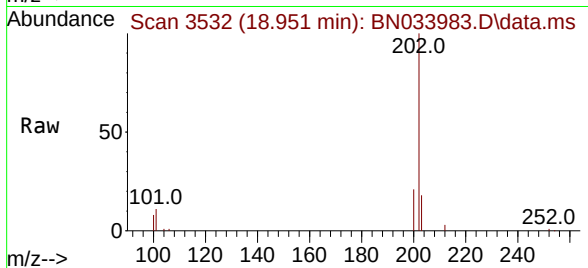
Tgt Ion:202 Resp: 18322

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

100 8.3 6.7 10.1



#20

Pyrene

Concen: 0.375 ng/u1

RT: 19.313 min Scan# 3610

Delta R.T. -0.006 min

Lab File: BN033983.D

Acq: 16 Sep 2024 11:03

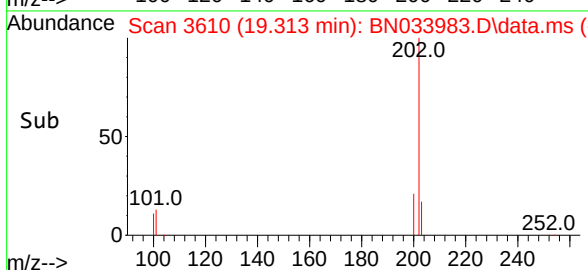
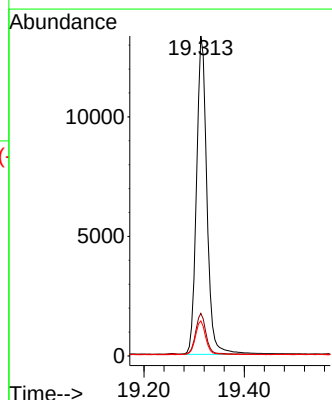
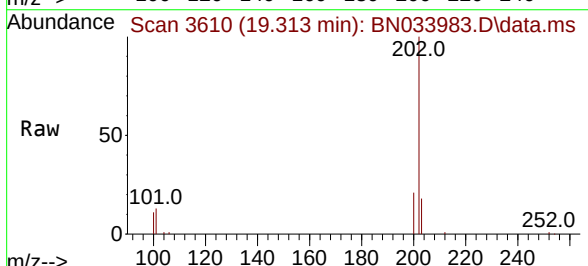
Tgt Ion:202 Resp: 19202

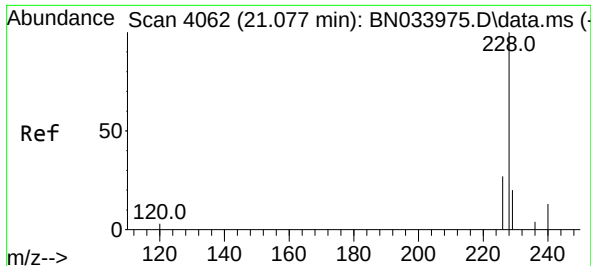
Ion Ratio Lower Upper

202 100

101 13.3 10.8 16.2

100 10.9 8.7 13.1

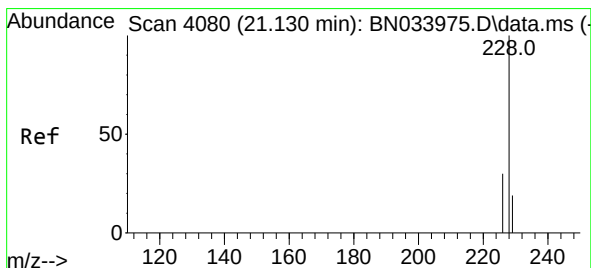
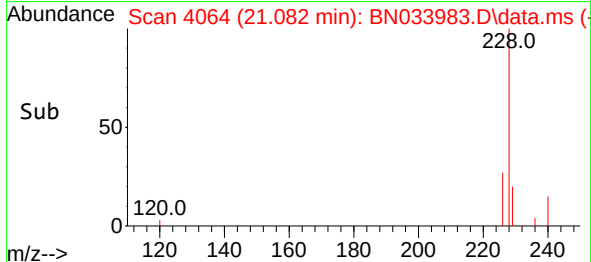
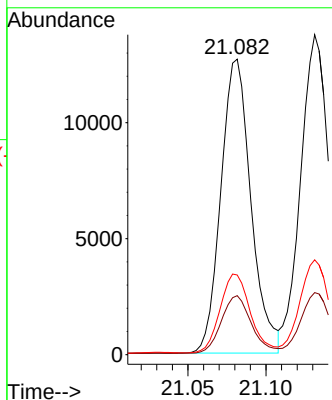
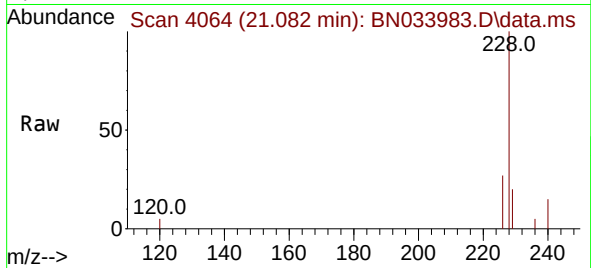




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.082 min Scan# 4062
Delta R.T. -0.004 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

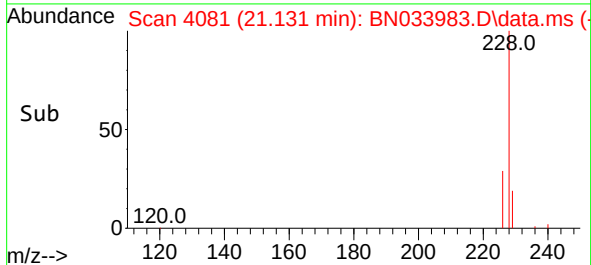
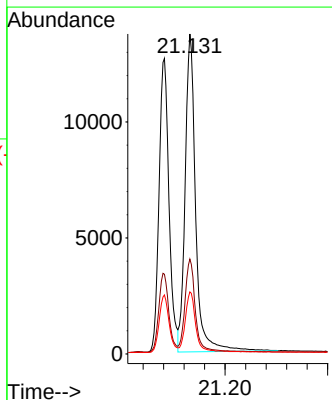
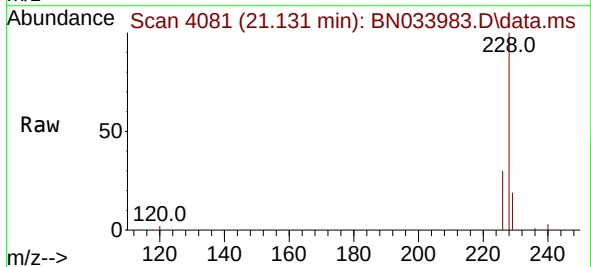
Instrument :
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ClientSampleId :
SLCS397

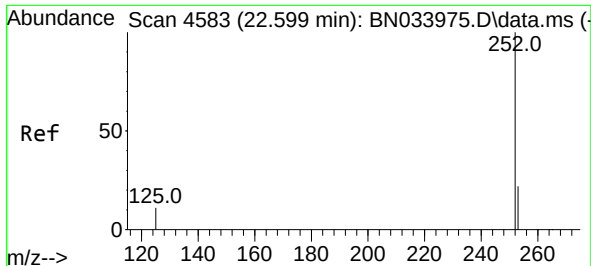
Tgt Ion:228 Resp: 17037
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.131 min Scan# 4081
Delta R.T. -0.007 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

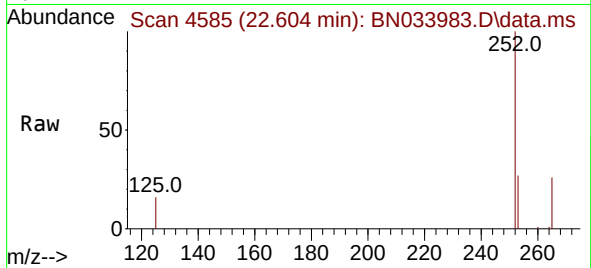
Tgt Ion:228 Resp: 19541
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.4 15.6 23.4



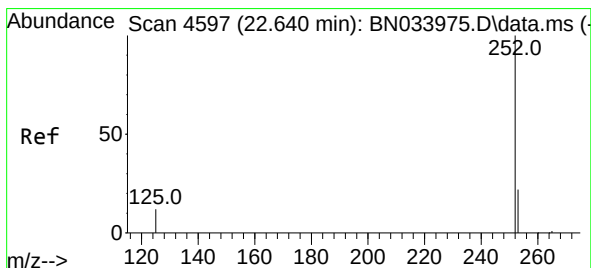
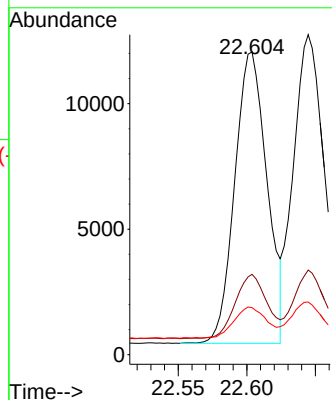


#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 22.604 min Scan# 4585
Delta R.T. -0.004 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Instrument :
BNA_N
ClientSampleId :
SLCS397

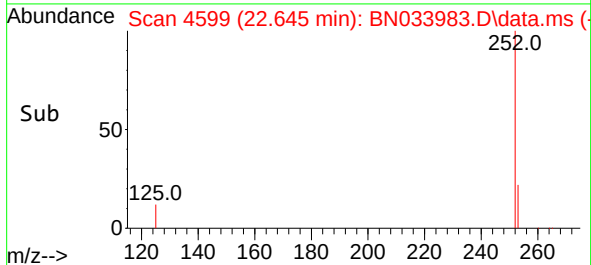
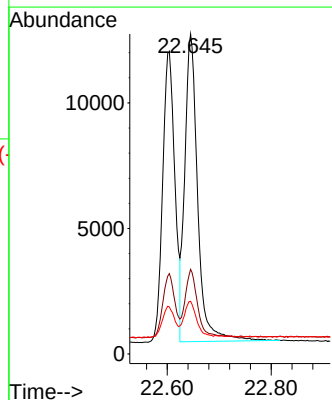
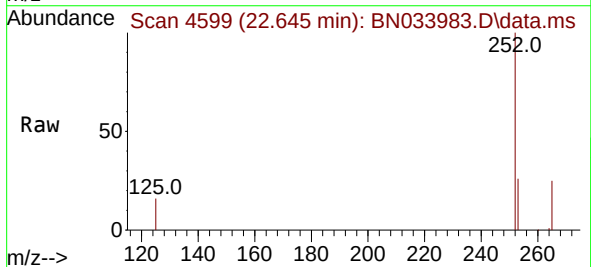


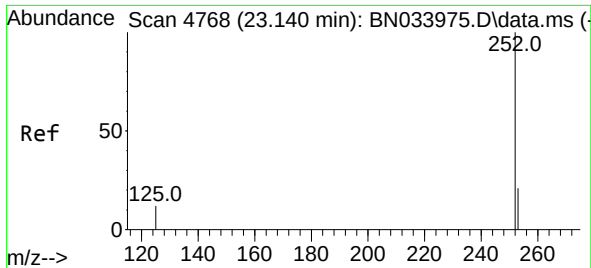
Tgt Ion:252 Resp: 18959
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.8
125 15.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.645 min Scan# 4599
Delta R.T. -0.007 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion:252 Resp: 21057
Ion Ratio Lower Upper
252 100
253 26.5 21.4 32.0
125 16.5 15.1 22.7

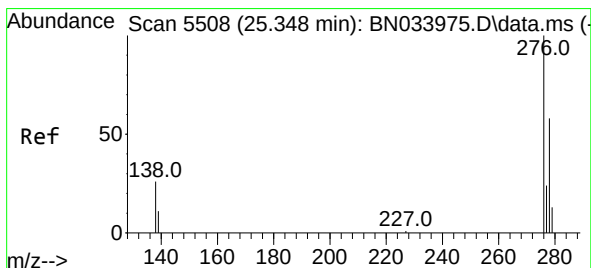
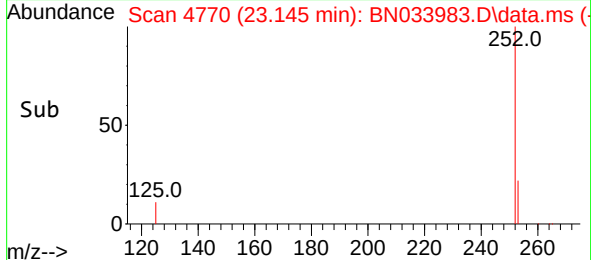
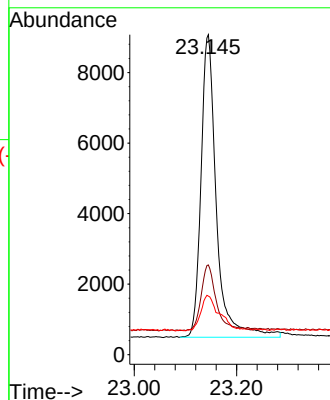
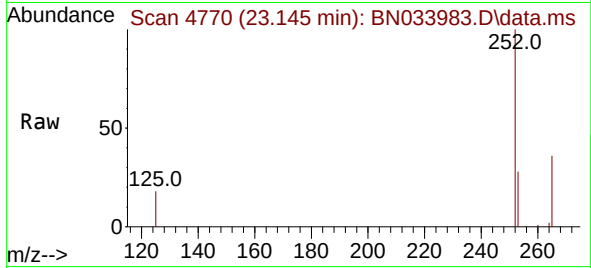




#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.145 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

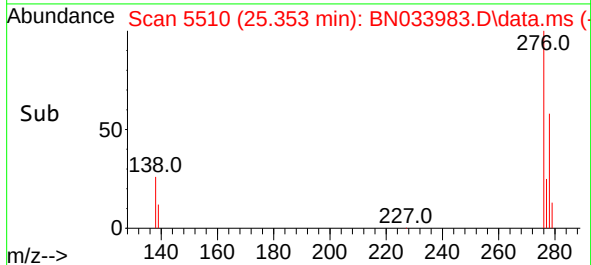
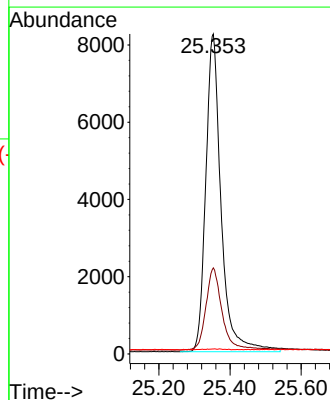
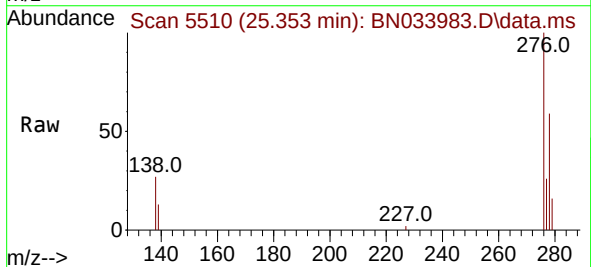
Instrument :
BNA_N
ClientSampleId :
SLCS397

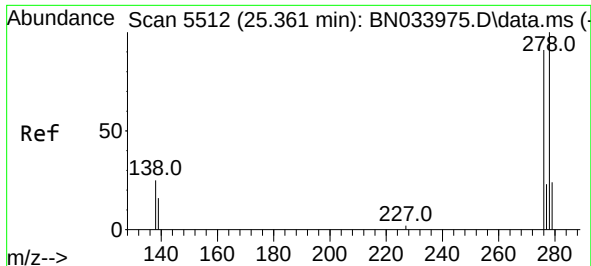
Tgt Ion:252 Resp: 17883
Ion Ratio Lower Upper
252 100
253 28.1 22.8 34.2
125 18.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.353 min Scan# 5510
Delta R.T. -0.008 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion:276 Resp: 24612
Ion Ratio Lower Upper
276 100
138 27.6 22.3 33.5
227 0.1 0.2 0.4#

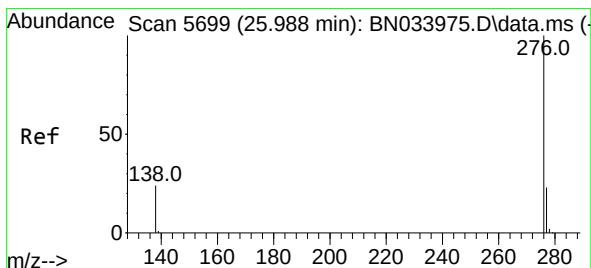
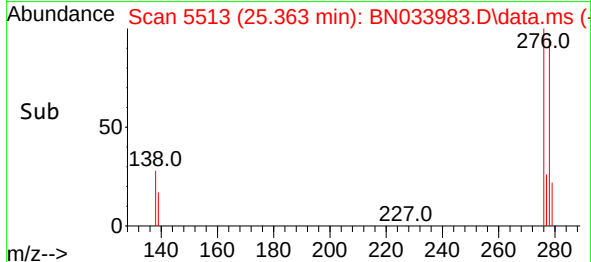
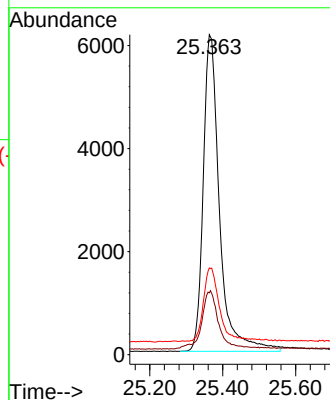
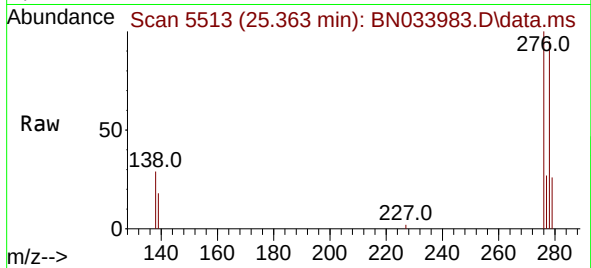




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.363 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Instrument :
BNA_N
ClientSampleId :
SLCS397

Tgt Ion:278 Resp: 19053
Ion Ratio Lower Upper
278 100
139 19.3 17.3 25.9
279 27.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 25.990 min Scan# 5700
Delta R.T. -0.012 min
Lab File: BN033983.D
Acq: 16 Sep 2024 11:03

Tgt Ion:276 Resp: 19994
Ion Ratio Lower Upper
276 100
138 24.5 20.8 31.2
277 24.6 20.2 30.4

