

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024443.D
 Acq On : 21 Mar 2023 11:27
 Operator : CG/JU
 Sample : PB151525BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS525

Quant Time: Mar 21 17:38:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

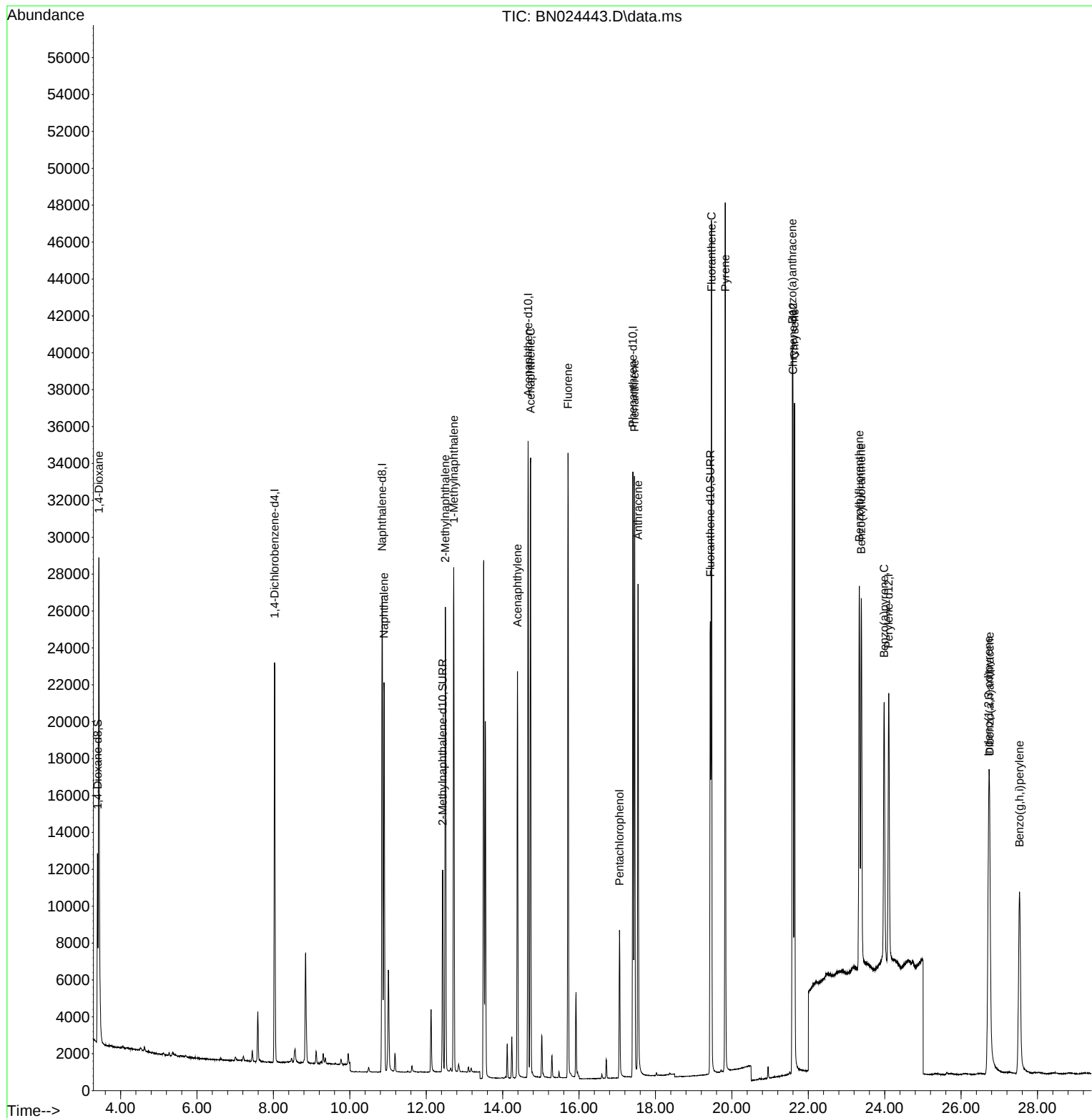
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	11152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	34349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	18481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37685	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	28862	0.400	ng/ul	0.00
23) Perylene-d12	24.106	264	22747	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	7044	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	13755	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	26302	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	18766	1.406	ng/ul	90
5) Naphthalene	10.894	128	29060	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	17766	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	18630	0.341	ng/ul	99
10) Acenaphthylene	14.388	152	25101	0.326	ng/ul	100
11) Acenaphthene	14.731	153	19262	0.324	ng/ul	98
12) Fluorene	15.711	166	21200	0.320	ng/ul	98
14) Pentachlorophenol	17.059	266	5613	0.536	ng/ul#	73
15) Phenanthrene	17.451	178	34617	0.321	ng/ul	100
16) Anthracene	17.544	178	30096	0.318	ng/ul	99
19) Fluoranthene	19.464	202	38094	0.332	ng/ul	99
20) Pyrene	19.827	202	38766	0.333	ng/ul	99
21) Benzo(a)anthracene	21.583	228	31211	0.331	ng/ul	99
22) Chrysene	21.638	228	32929	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.337	252	30692	0.353	ng/ul	95
25) Benzo(k)fluoranthene	23.386	252	29452	0.327	ng/ul	95
26) Benzo(a)pyrene	23.986	252	24999	0.334	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.720	276	27524	0.327	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.747	278	21025	0.329	ng/ul	96
29) Benzo(g,h,i)perylene	27.528	276	24413	0.334	ng/ul	98

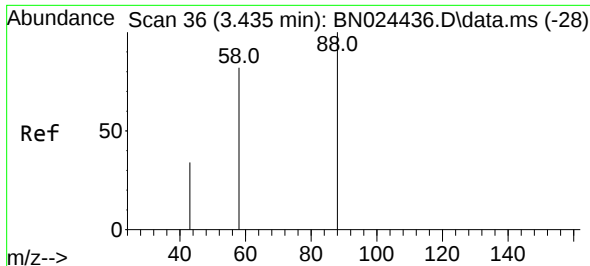
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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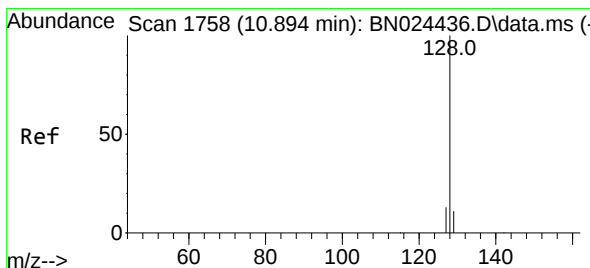
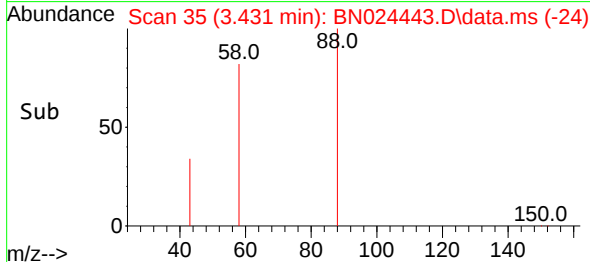
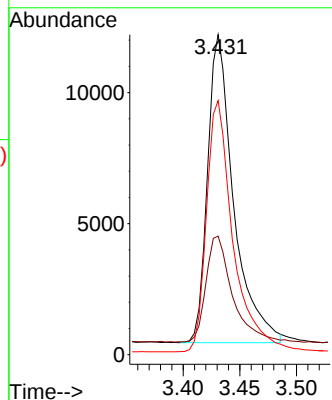
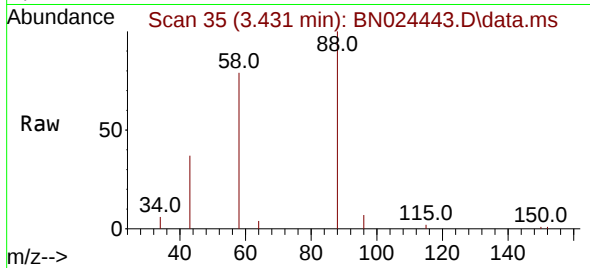




#2
 1,4-Dioxane
 Concen: 1.406 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

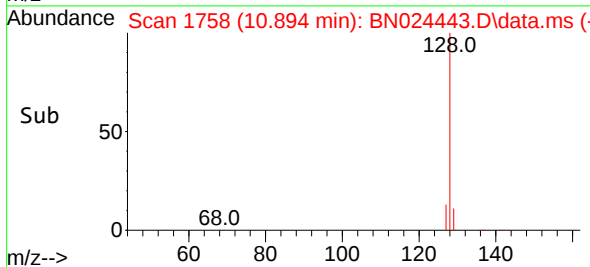
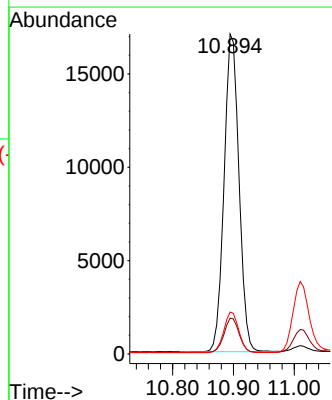
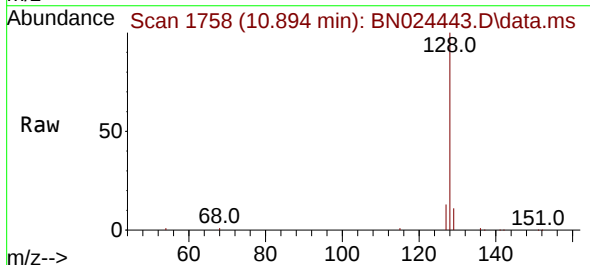
Instrument :
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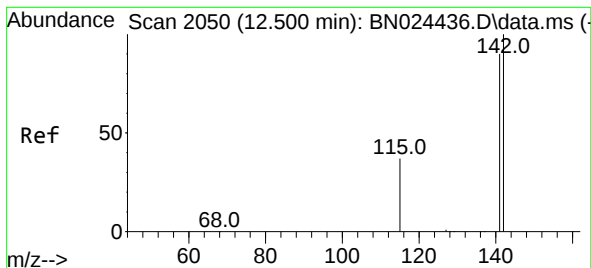
Tgt Ion: 88 Resp: 18766
 Ion Ratio Lower Upper
 88 100
 43 37.1 32.1 48.1
 58 79.4 55.1 82.7



#5
 Naphthalene
 Concen: 0.339 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.005 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

Tgt Ion:128 Resp: 29060
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.1 10.5 15.7

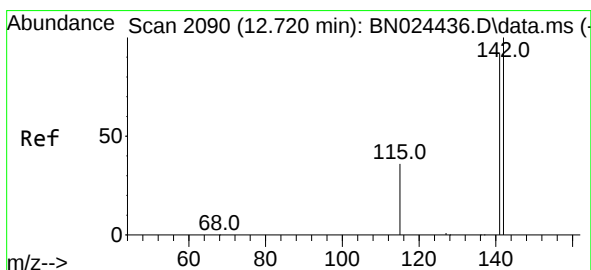
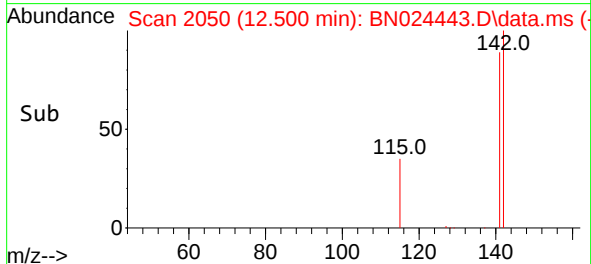
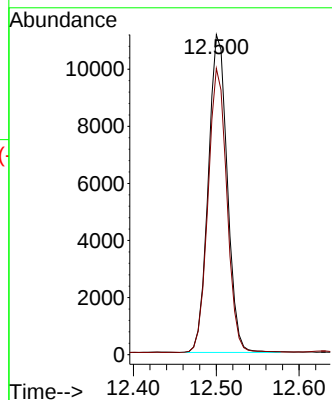
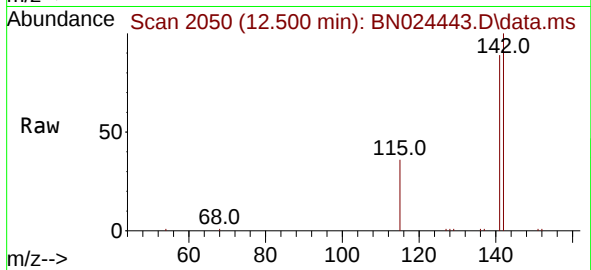




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

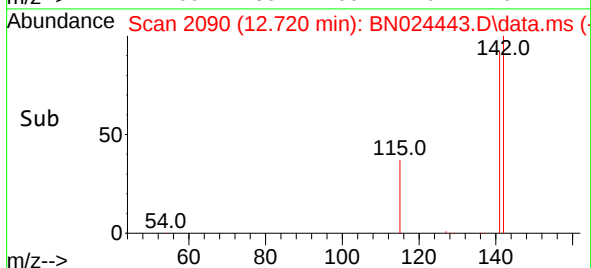
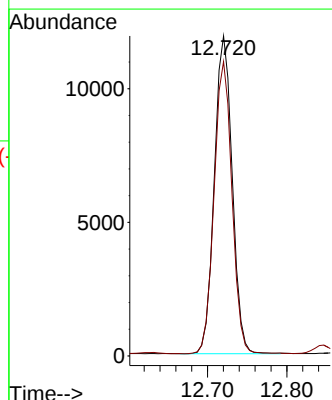
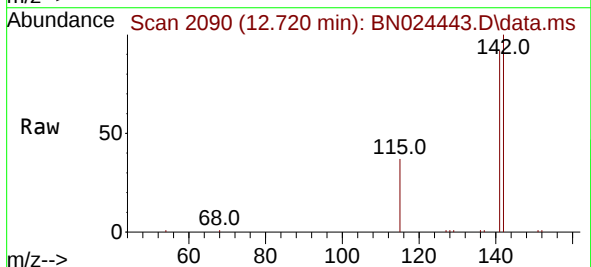
Instrument :
BNA_N
ClientSampleId :
SLCS525

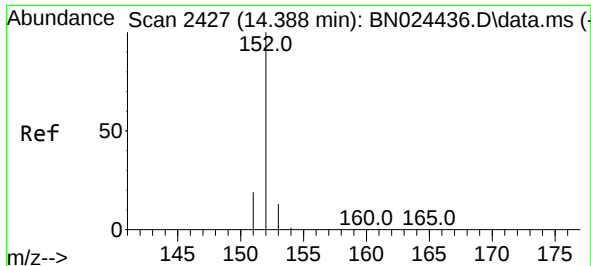
Tgt Ion:142 Resp: 17766
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:142 Resp: 18630
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6

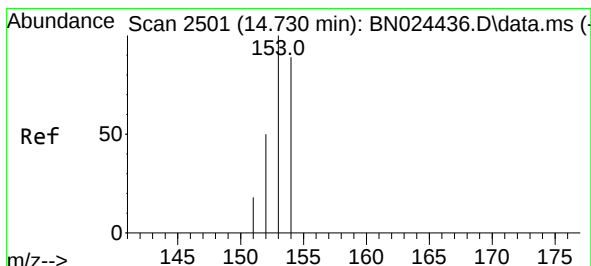
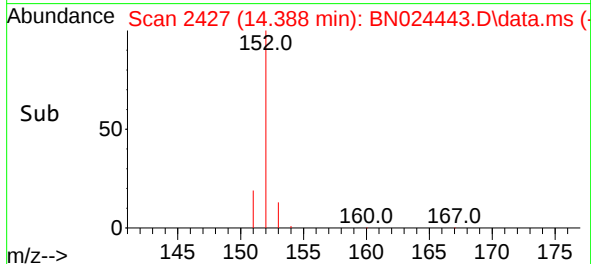
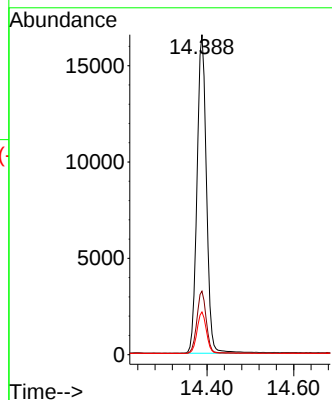
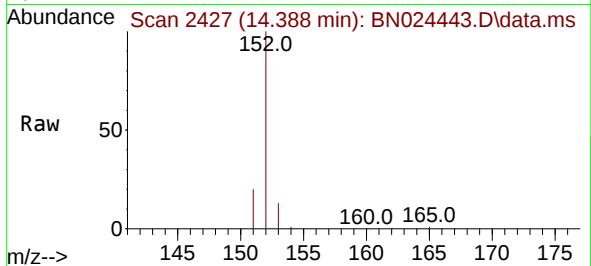




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

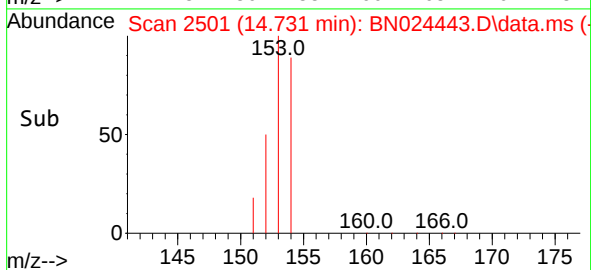
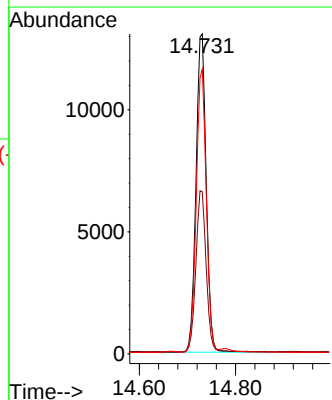
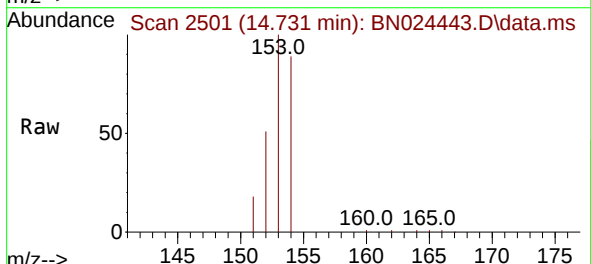
Instrument :
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ClientSampleId :
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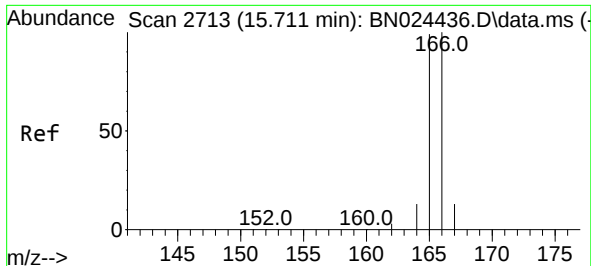
Tgt Ion:	152	Resp:	25101
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	16.0



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:	153	Resp:	19262
Ion Ratio	Lower	Upper	
153	100		
152	50.7	42.6	64.0
154	89.0	70.6	105.8

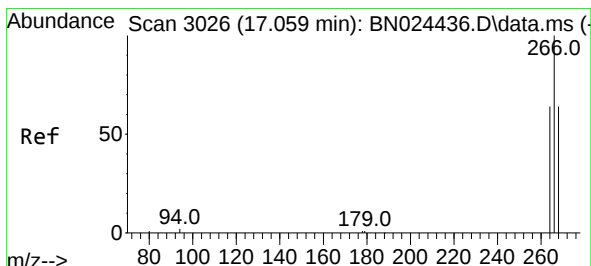
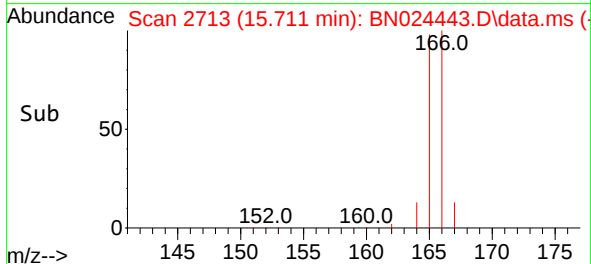
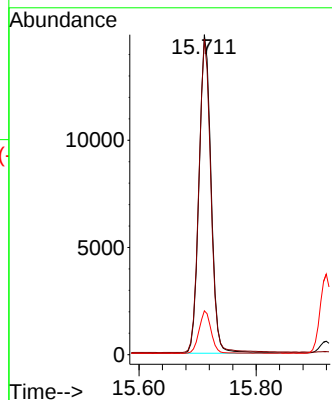
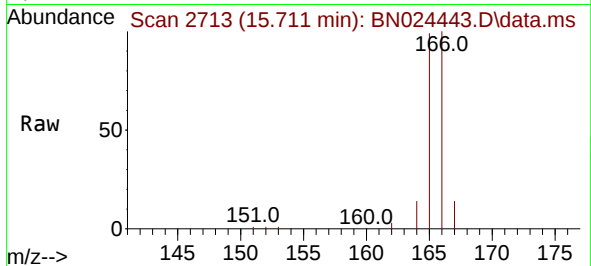




#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

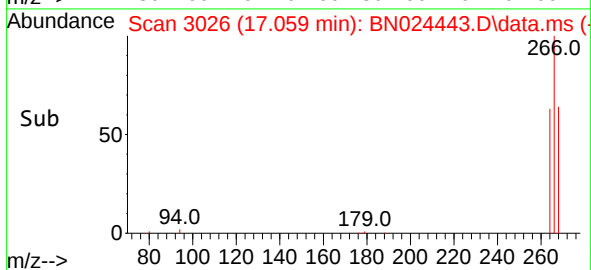
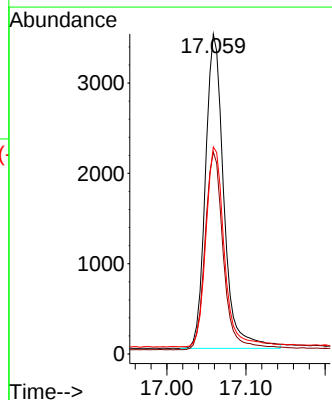
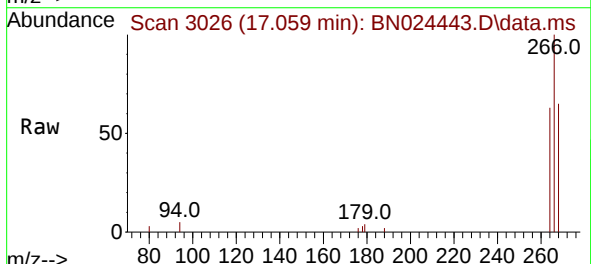
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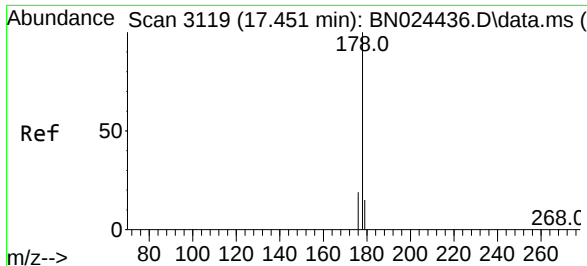
Tgt Ion:166 Resp: 21200
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 0.536 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:266 Resp: 5613
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.6 0.1 0.1#

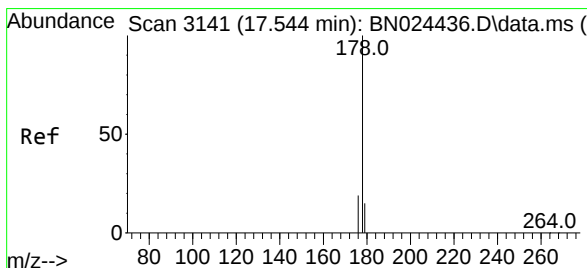
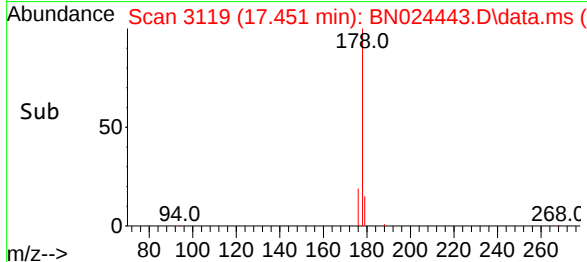
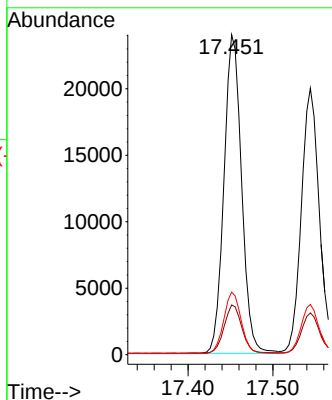
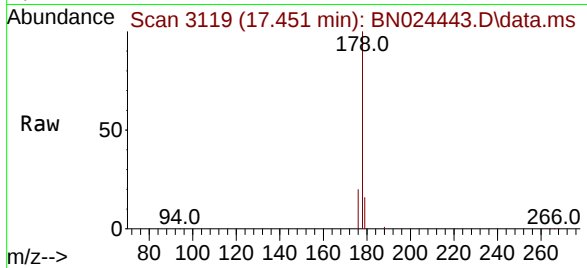




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

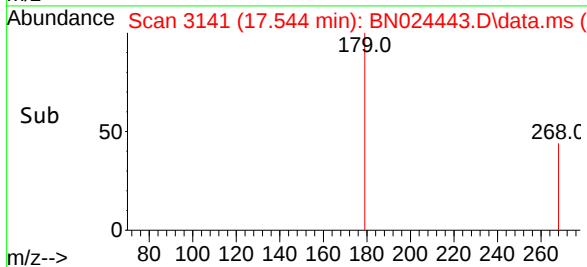
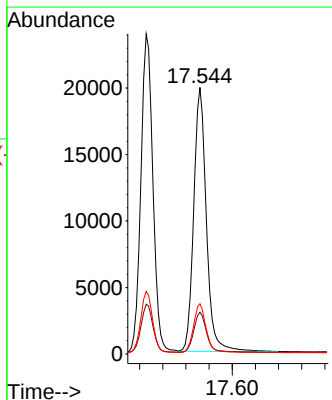
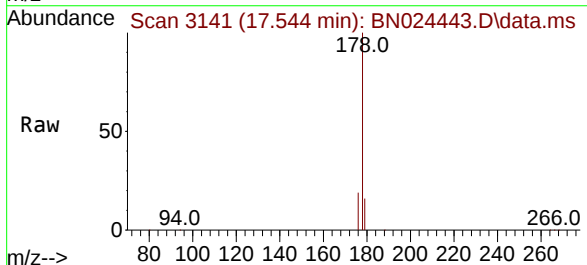
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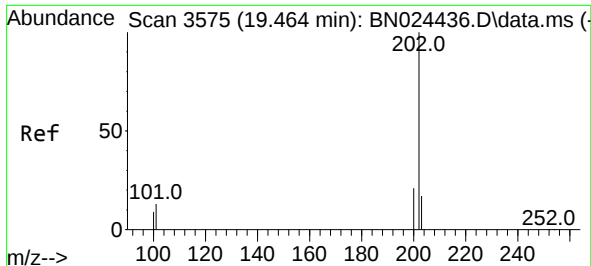
Tgt Ion:178	Resp:	34617
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.2 18.2
176	19.5	15.7 23.5



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:178	Resp:	30096
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	18.8	15.3 22.9

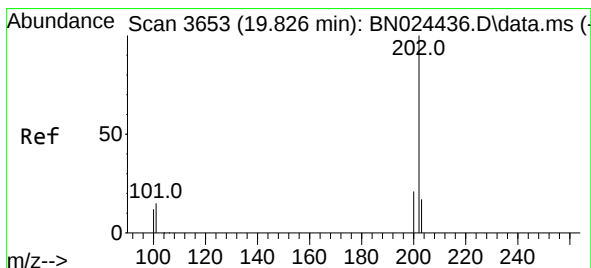
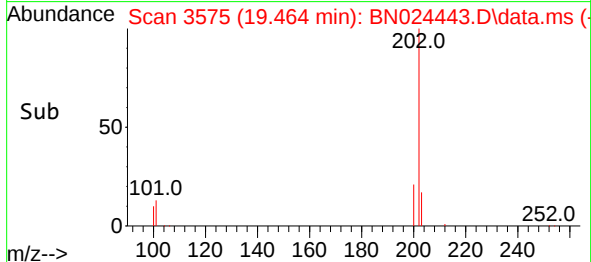
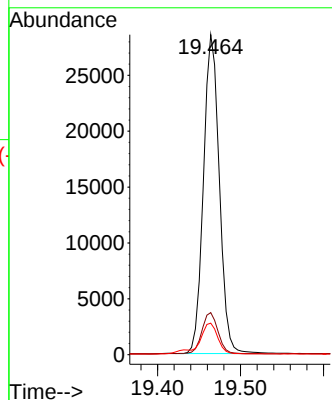
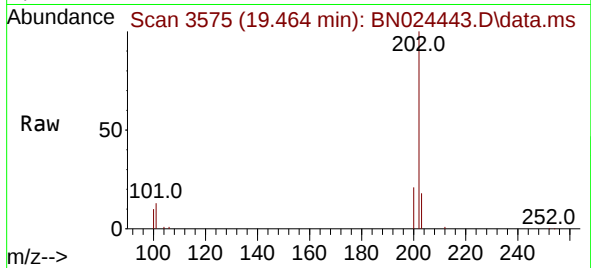




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

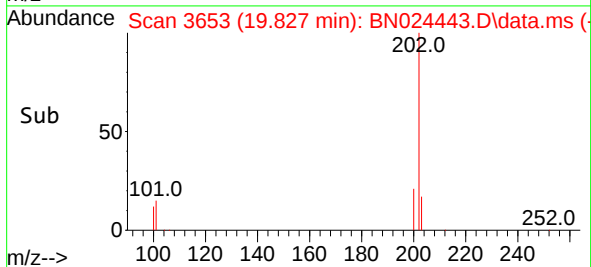
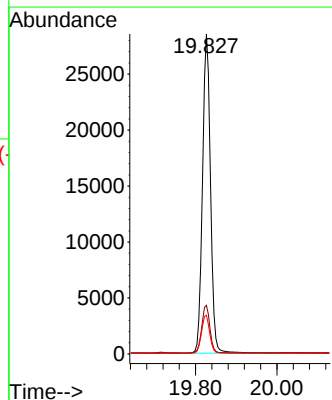
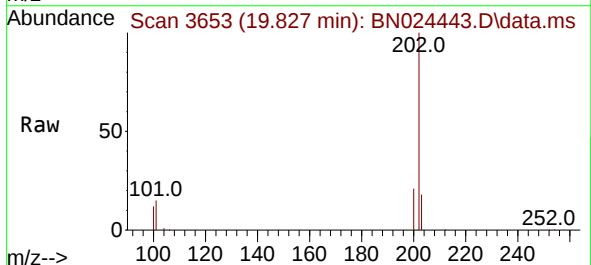
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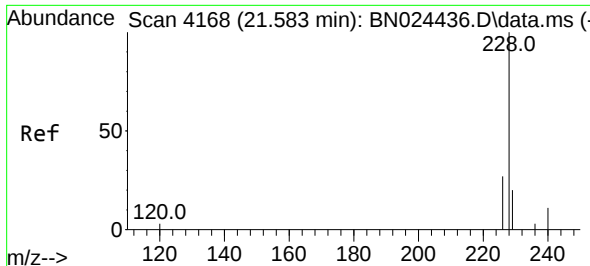
Tgt Ion:202 Resp: 38094
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.8 7.7 11.5



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.827 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:202 Resp: 38766
Ion Ratio Lower Upper
202 100
101 15.2 12.1 18.1
100 12.1 9.4 14.0

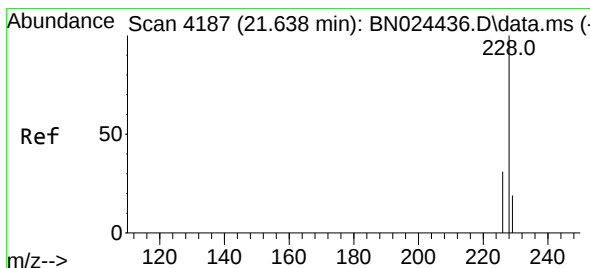
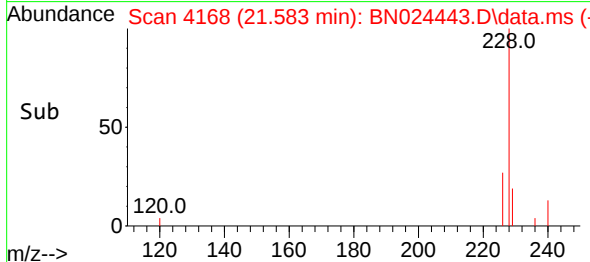
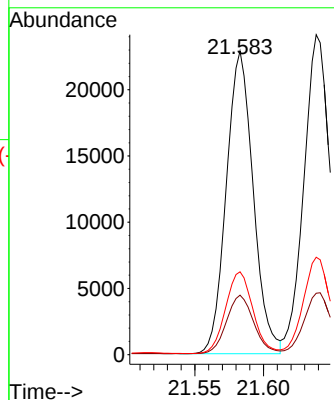
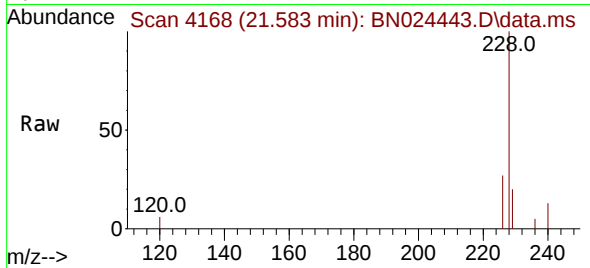




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.583 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

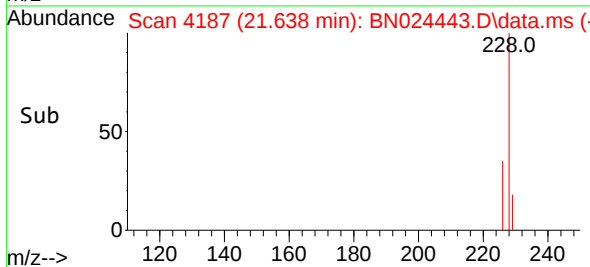
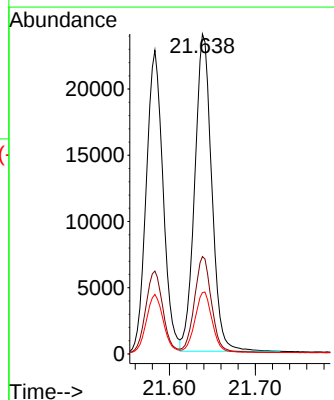
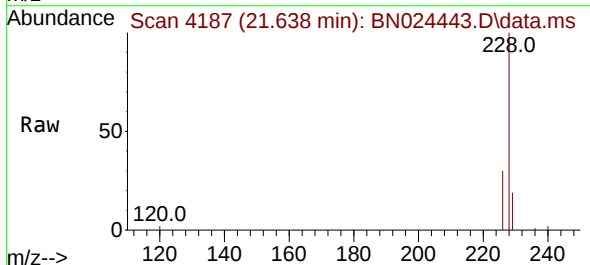
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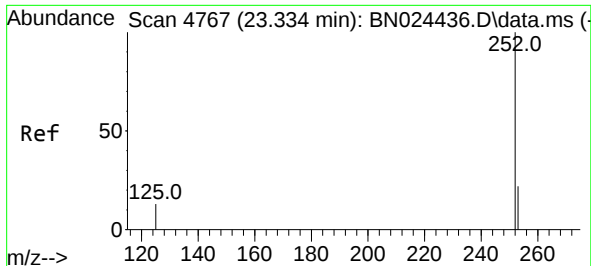
Tgt Ion:228 Resp: 31211
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.3 22.2 33.4



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.638 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:228 Resp: 32929
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 19.2 15.8 23.6

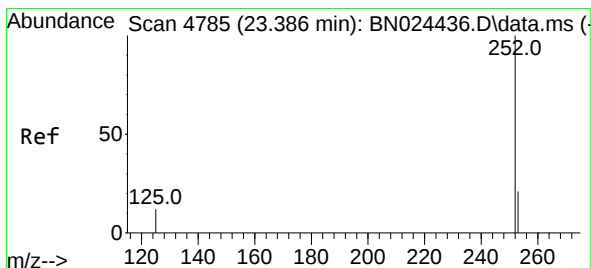
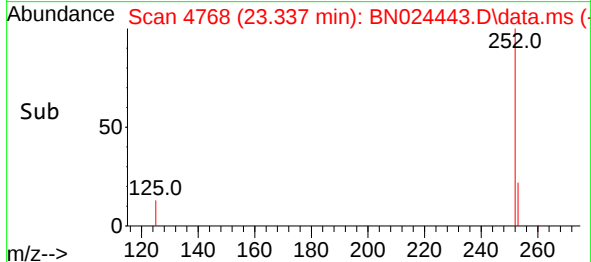
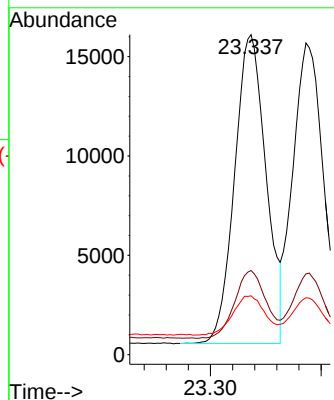
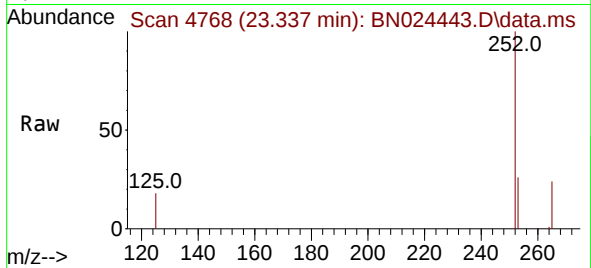




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.337 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

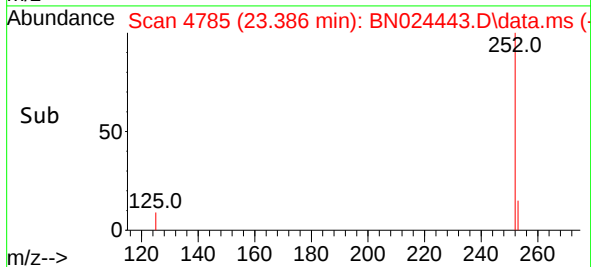
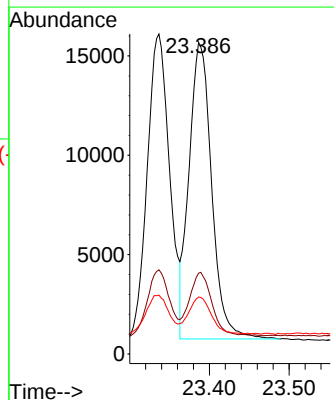
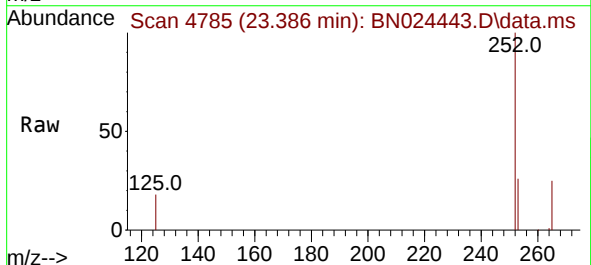
Instrument :
BNA_N
ClientSampleId :
SLCS525

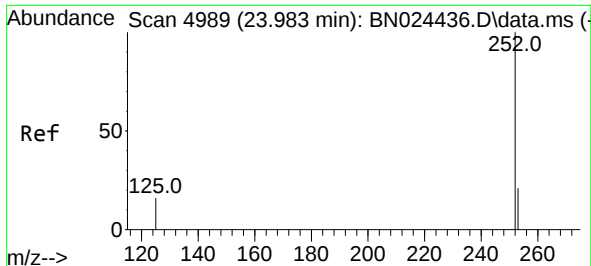
Tgt Ion:252 Resp: 30692
Ion Ratio Lower Upper
252 100
253 26.3 0.0 46.2
125 18.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.386 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:252 Resp: 29452
Ion Ratio Lower Upper
252 100
253 25.9 18.5 27.7
125 18.3 13.2 19.8

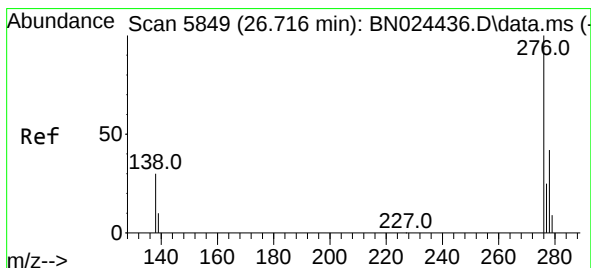
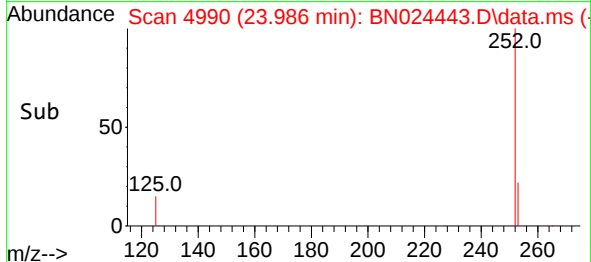
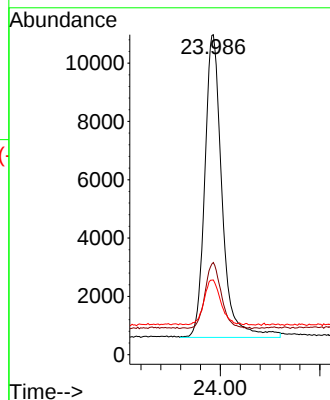
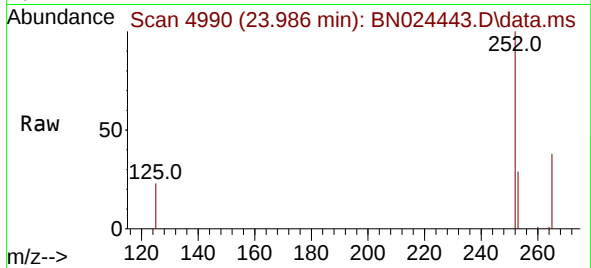




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.986 min Scan# 4989
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

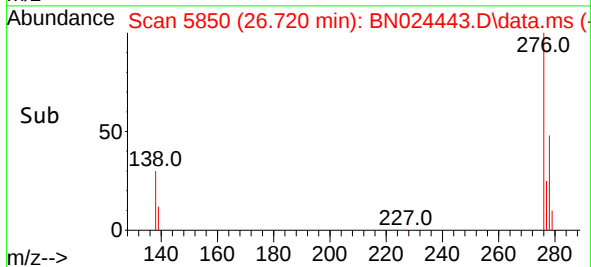
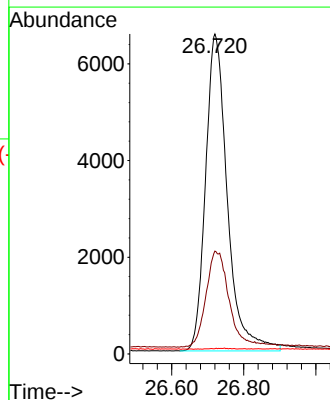
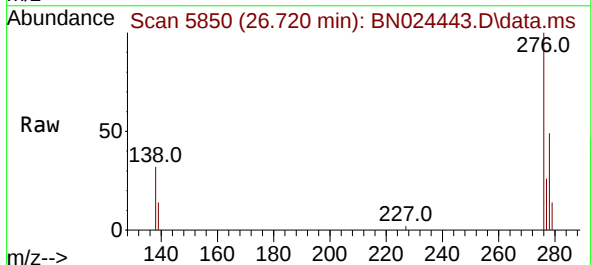
Instrument :
BNA_N
ClientSampleId :
SLCS525

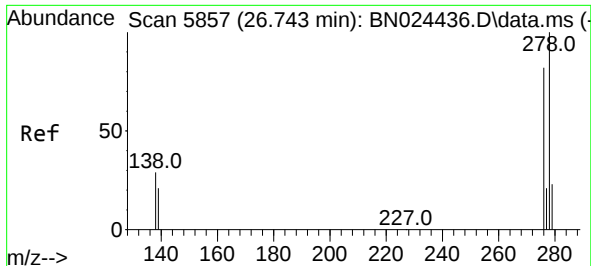
Tgt Ion:252 Resp: 24999
Ion Ratio Lower Upper
252 100
253 28.8 19.2 28.8#
125 23.4 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.720 min Scan# 5850
Delta R.T. -0.003 min
Lab File: BN024443.D
Acq: 21 Mar 2023 11:27

Tgt Ion:276 Resp: 27524
Ion Ratio Lower Upper
276 100
138 32.2 0.0 0.0#
227 0.1 0.0 0.0#

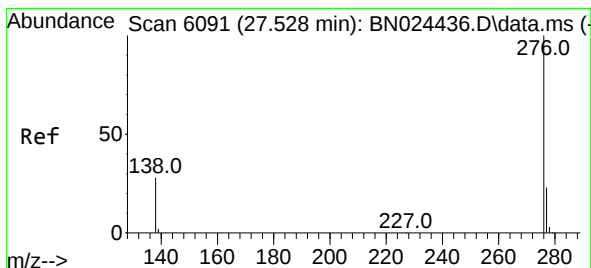
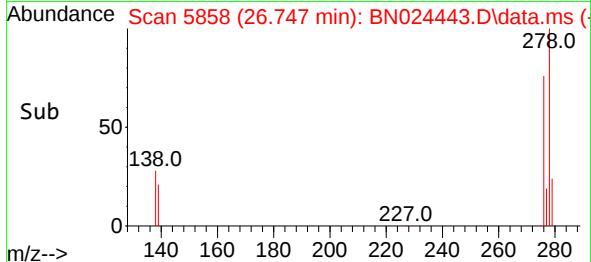
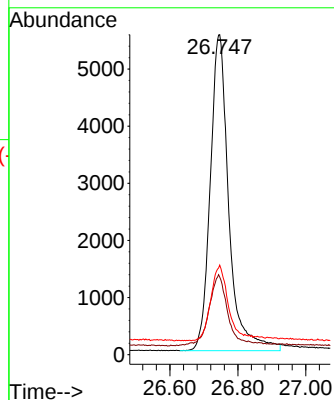
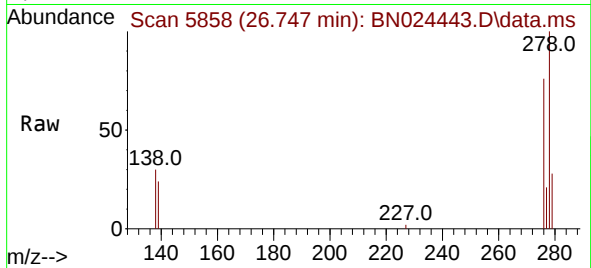




#28
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 26.747 min Scan# 5858
 Delta R.T. 0.000 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

Instrument :
 BNA_N
 ClientSampleId :
 SLCS525

Tgt Ion:278 Resp: 21025
 Ion Ratio Lower Upper
 278 100
 139 24.2 21.0 31.6
 279 28.0 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 27.528 min Scan# 6091
 Delta R.T. -0.007 min
 Lab File: BN024443.D
 Acq: 21 Mar 2023 11:27

Tgt Ion:276 Resp: 24413
 Ion Ratio Lower Upper
 276 100
 138 29.9 25.2 37.8
 277 25.3 19.4 29.2

