

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024176.D
 Acq On : 08 Mar 2023 20:31
 Operator : CG/JU
 Sample : SSTDCCC0.04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4387

Quant Time: Mar 09 03:51:38 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 : Thu Mar 09 03:48:21 2023
 Response via : Initial Calibration

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

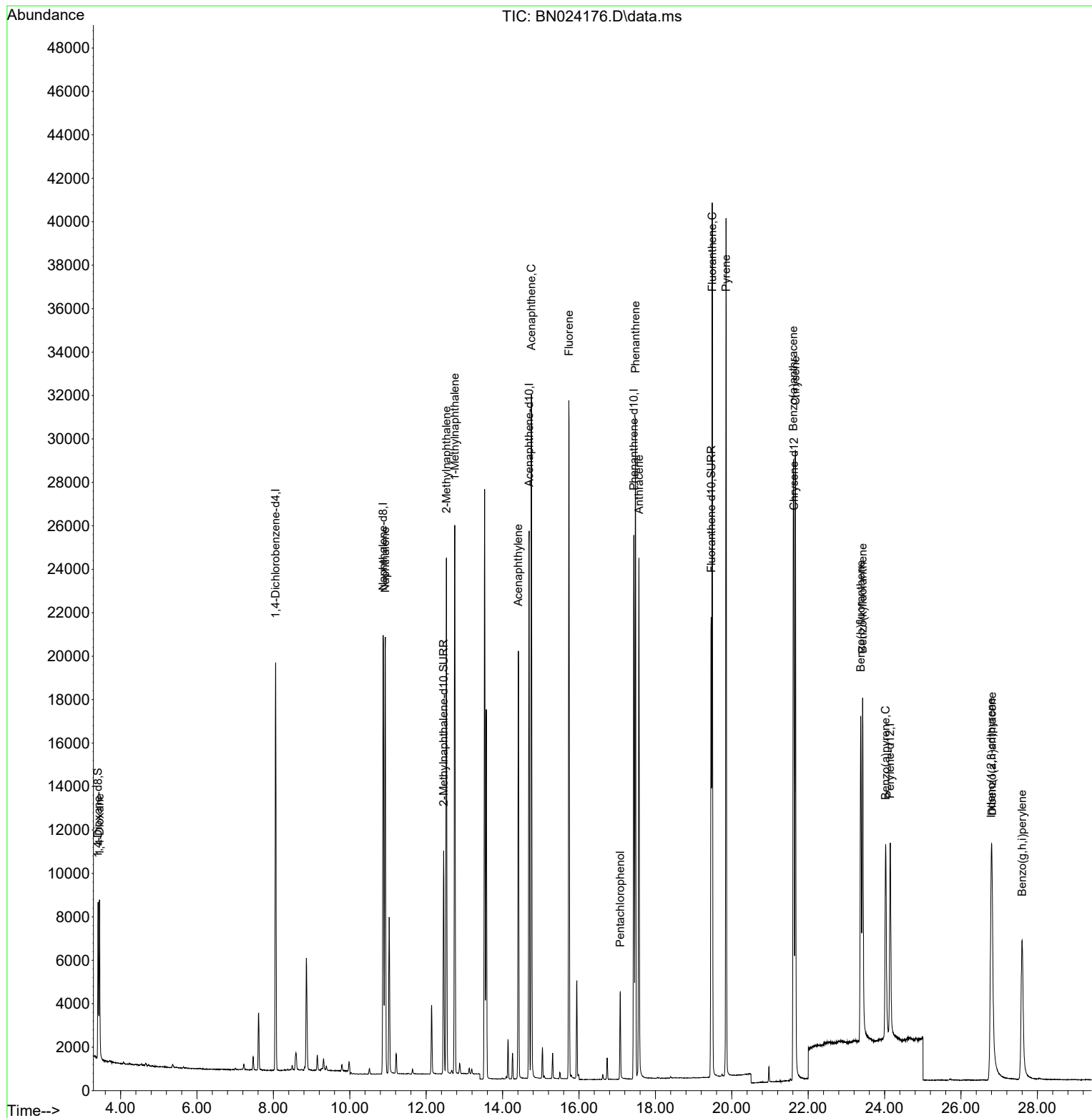
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	9476	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	26532	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	13369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	27211	0.400	ng/ul	0.00
17) Chrysene-d12	21.627	240	19131	0.400	ng/ul	0.00
23) Perylene-d12	24.147	264	13942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4202	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12601	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	21422	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	4545	0.401	ng/ul	96
5) Naphthalene	10.927	128	27550	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	16071	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	16871	0.400	ng/ul	99
10) Acenaphthylene	14.411	152	22034	0.395	ng/ul	100
11) Acenaphthene	14.754	153	17432	0.406	ng/ul	99
12) Fluorene	15.735	166	19269	0.402	ng/ul	97
14) Pentachlorophenol	17.080	266	2640	0.349	ng/ul#	73
15) Phenanthrene	17.477	178	31799	0.408	ng/ul	100
16) Anthracene	17.570	178	26673	0.390	ng/ul	99
19) Fluoranthene	19.487	202	32655	0.429	ng/ul	98
20) Pyrene	19.850	202	32177	0.417	ng/ul	97
21) Benzo(a)anthracene	21.609	228	23433	0.375	ng/ul	99
22) Chrysene	21.665	228	26546	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.375	252	22065	0.414	ng/ul	100
25) Benzo(k)fluoranthene	23.424	252	23533	0.426	ng/ul	100
26) Benzo(a)pyrene	24.027	252	17576	0.384	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.790	276	19152	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.811	278	14283	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	27.599	276	16996	0.380	ng/ul	99

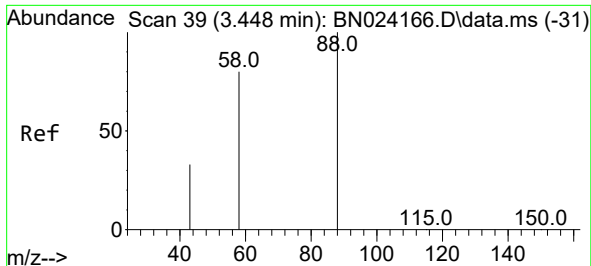
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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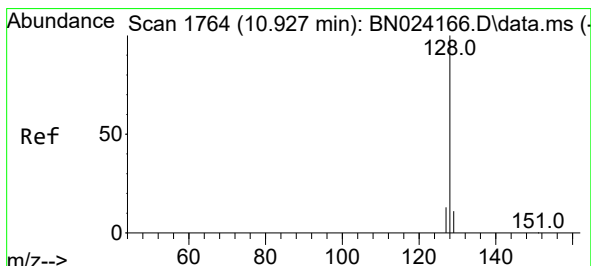
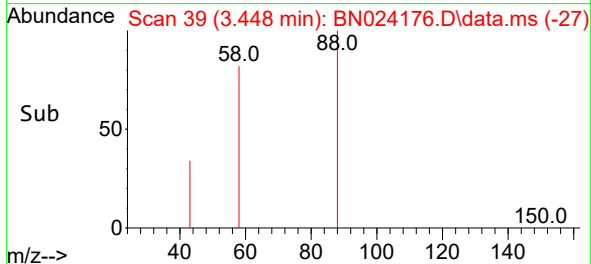
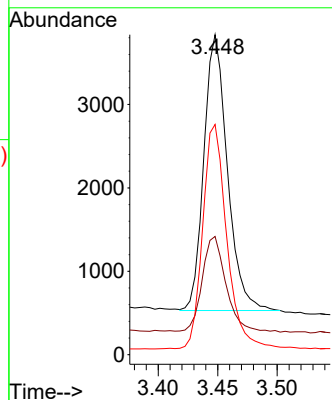
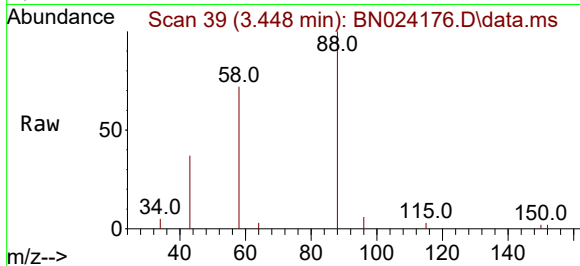




#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

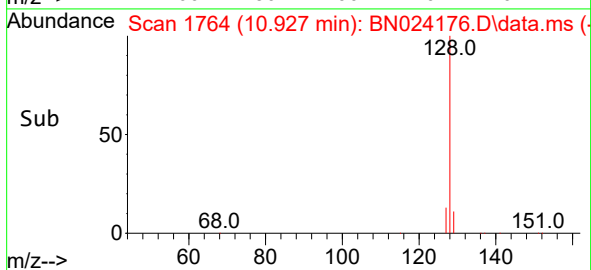
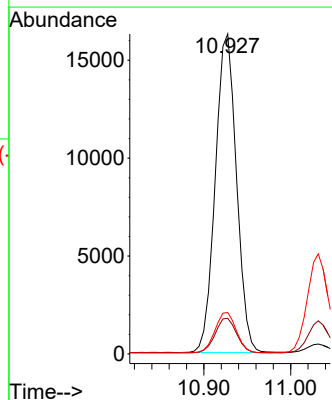
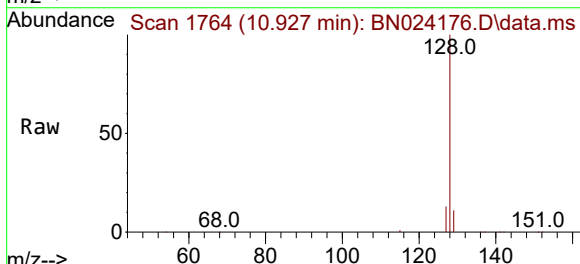
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

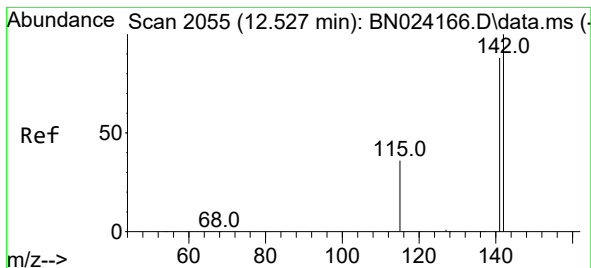
Tgt Ion: 88 Resp: 4545
Ion Ratio Lower Upper
88 100
43 37.0 32.1 48.1
58 71.9 55.1 82.7



#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion: 128 Resp: 27550
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.9 10.5 15.7

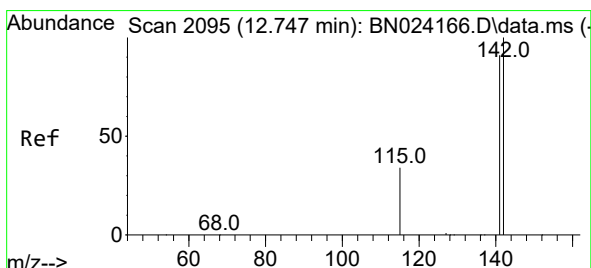
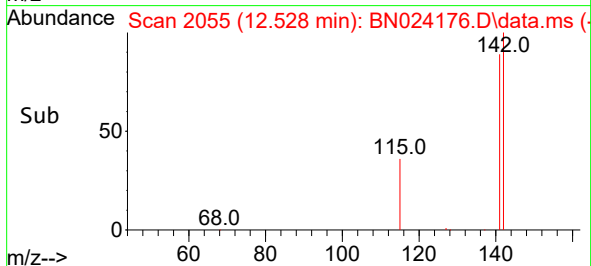
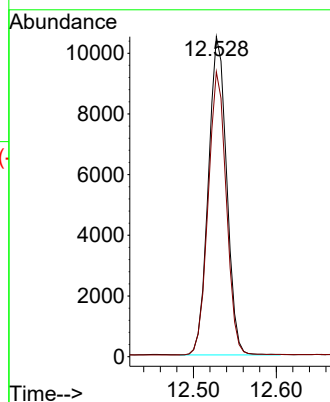
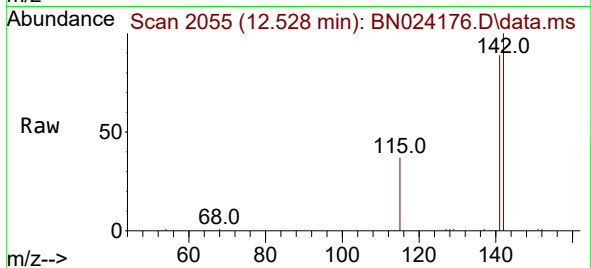




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

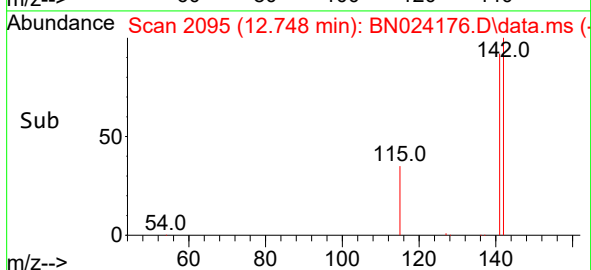
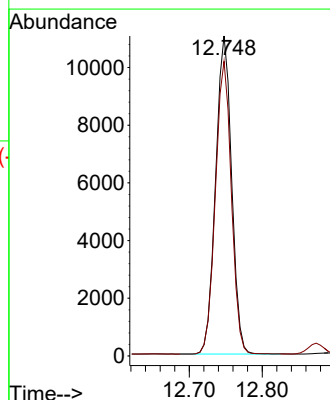
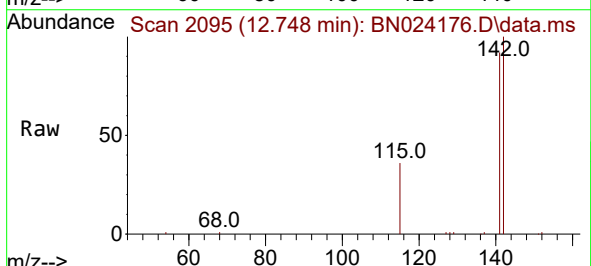
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

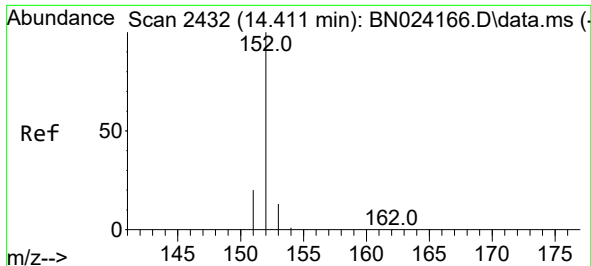
Tgt Ion:142 Resp: 16071
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:142 Resp: 16871
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6

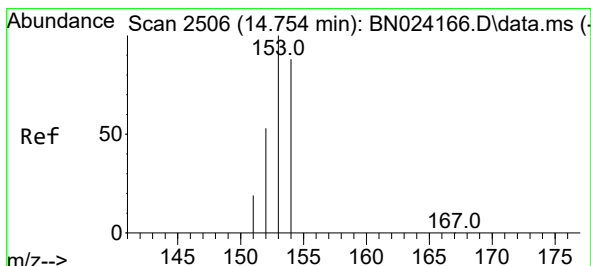
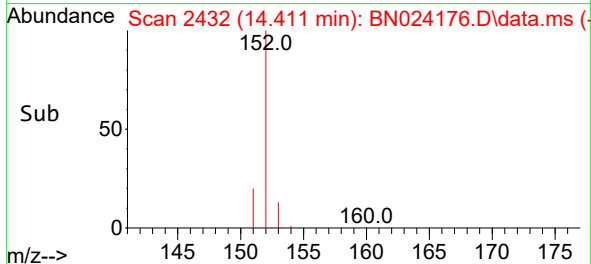
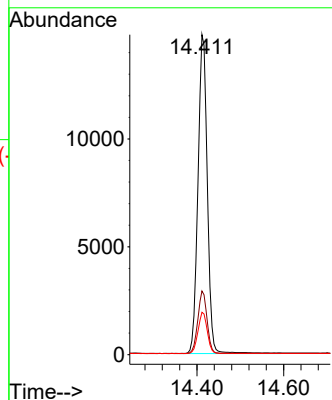
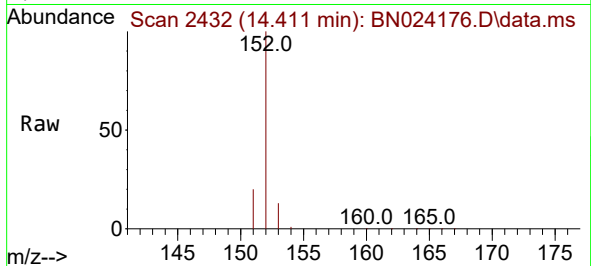




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

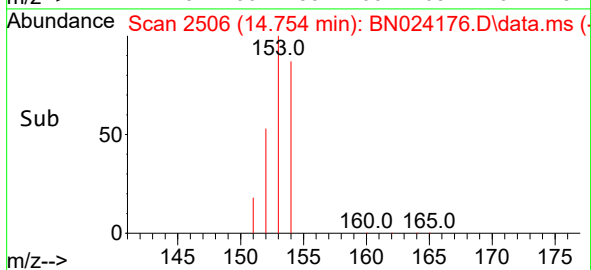
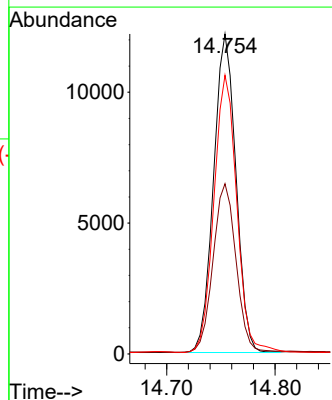
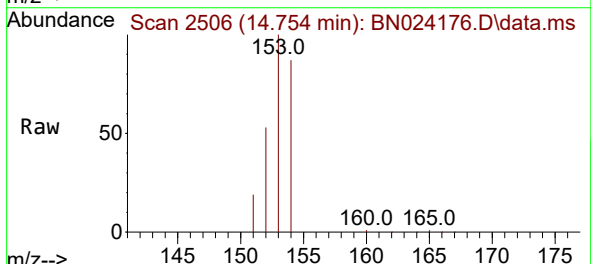
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

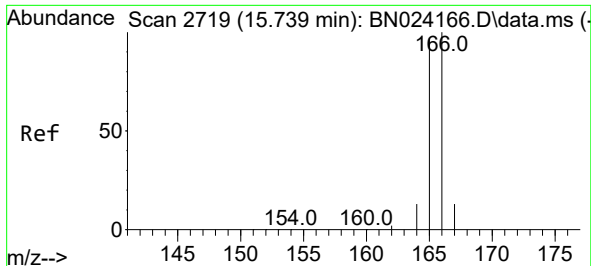
Tgt Ion:152 Resp: 22034
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:153 Resp: 17432
Ion Ratio Lower Upper
153 100
152 53.2 42.6 64.0
154 87.1 70.6 105.8

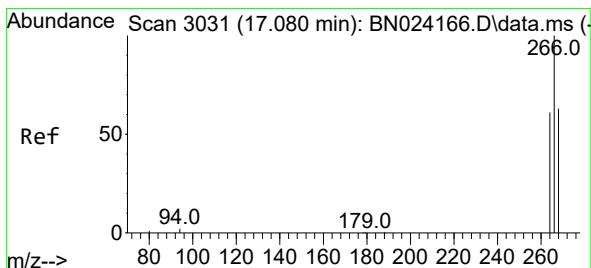
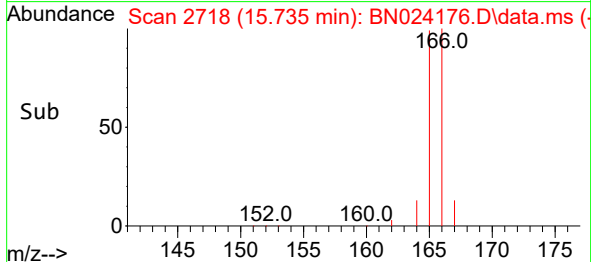
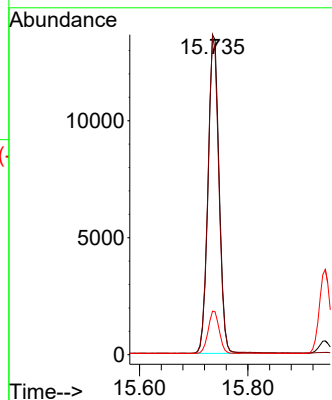
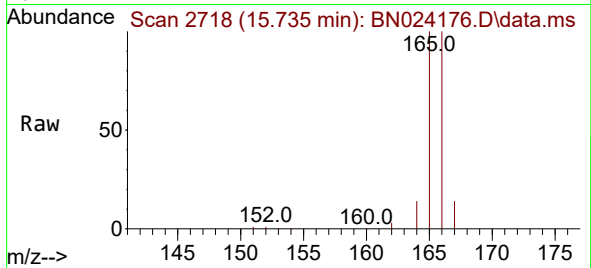




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.735 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

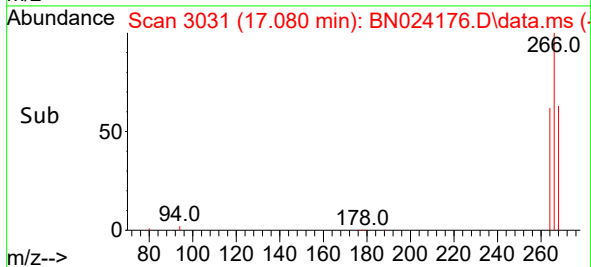
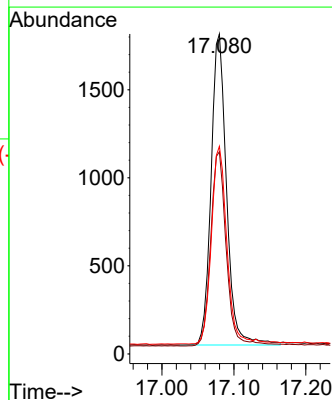
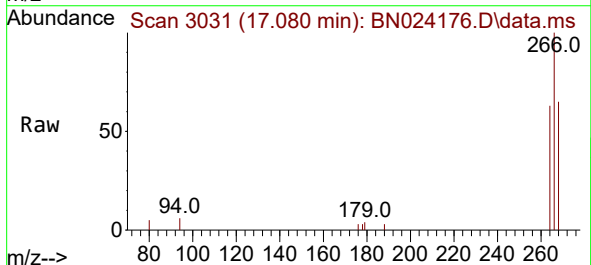
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

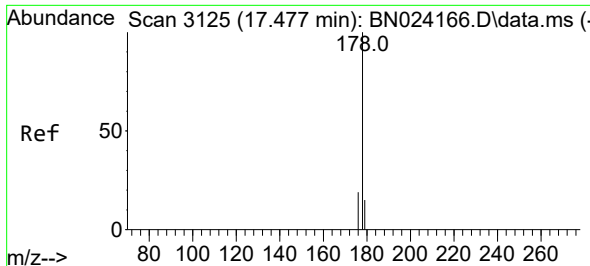
Tgt Ion:166 Resp: 19269
Ion Ratio Lower Upper
166 100
165 99.6 77.4 116.0
167 13.6 10.9 16.3



#14
Pentachlorophenol
Concen: 0.349 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:266 Resp: 2640
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 64.1 0.1 0.1#

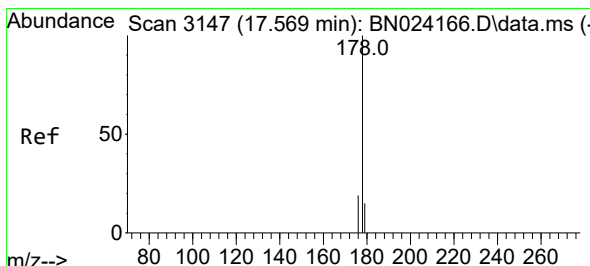
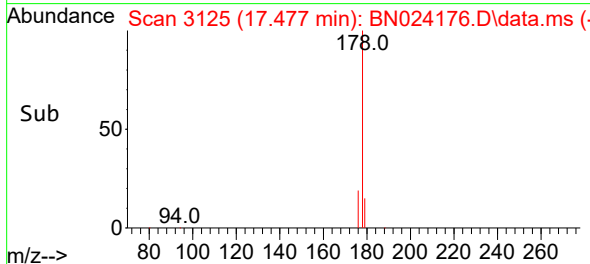
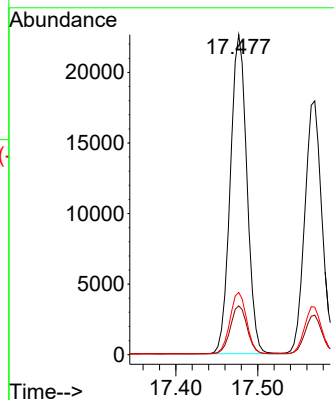
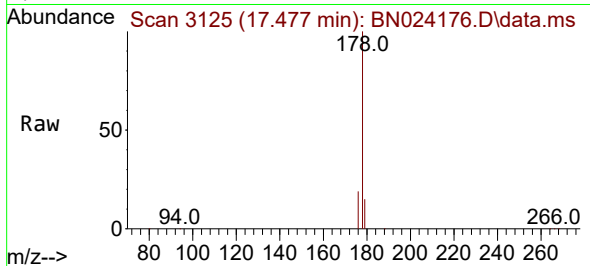




#15
Phenanthrene
Concen: 0.408 ng/u1
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

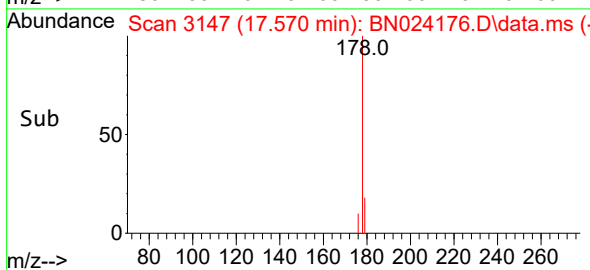
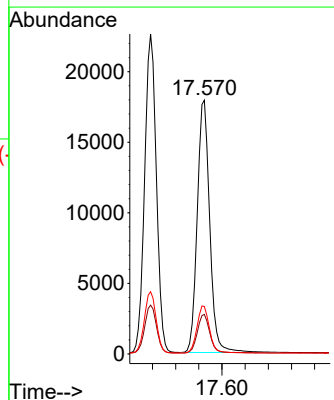
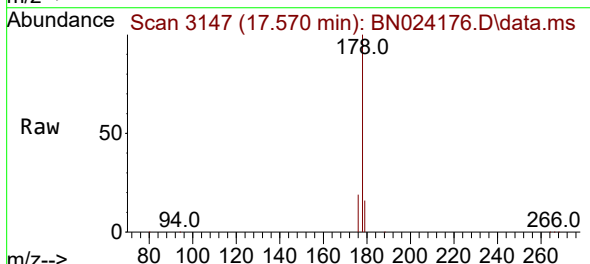
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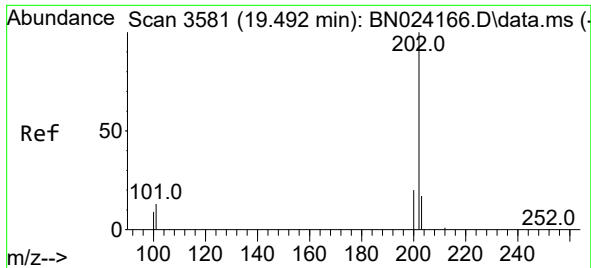
Tgt Ion:178 Resp: 31799
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.390 ng/u1
RT: 17.570 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:178 Resp: 26673
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.7 15.3 22.9

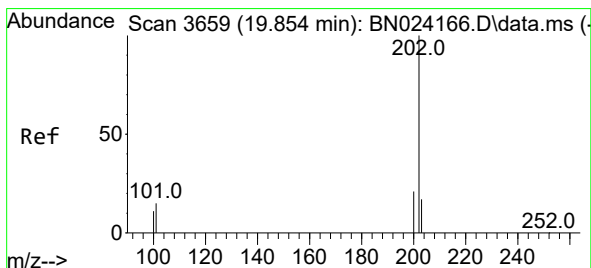
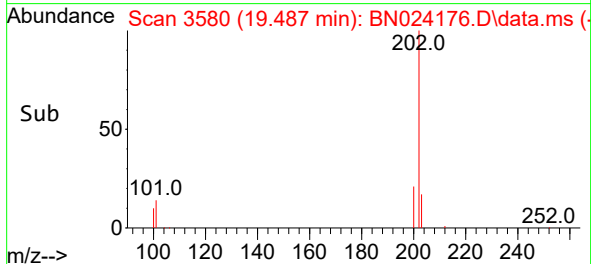
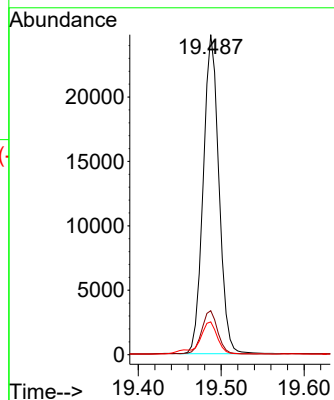
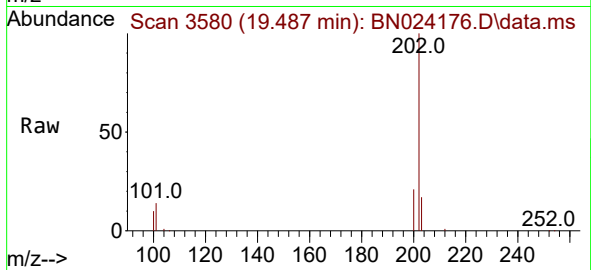




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

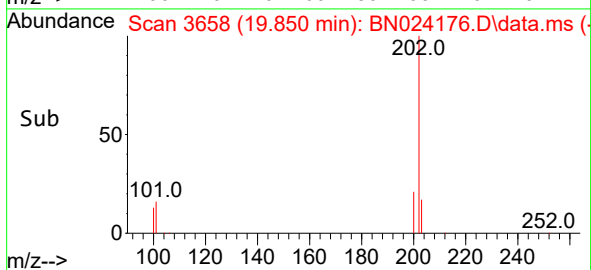
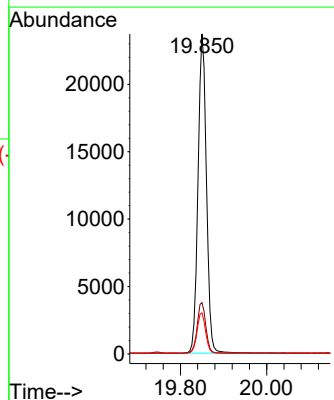
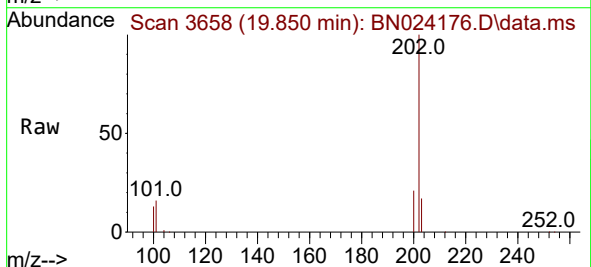
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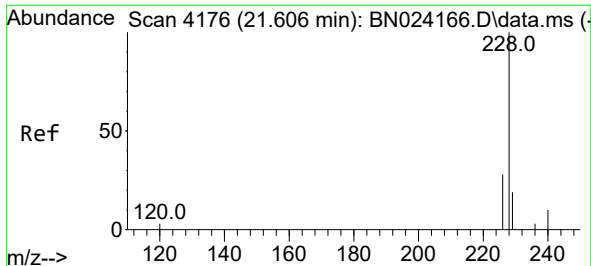
Tgt Ion:202 Resp: 32655
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 10.3 7.7 11.5



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:202 Resp: 32177
Ion Ratio Lower Upper
202 100
101 16.1 12.1 18.1
100 12.9 9.4 14.0

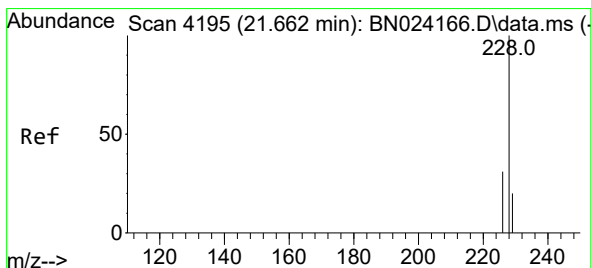
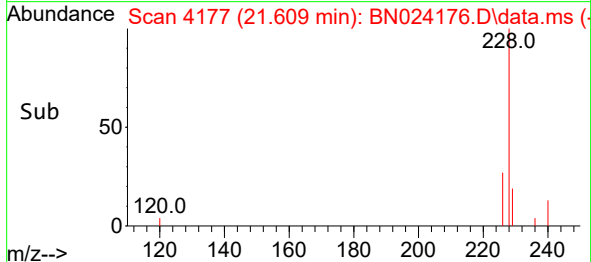
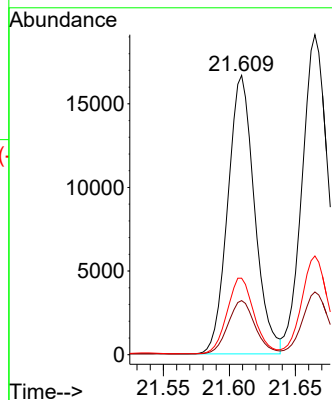
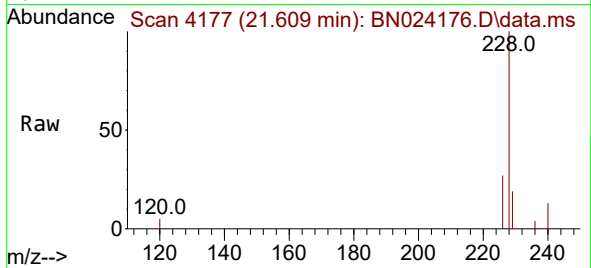




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

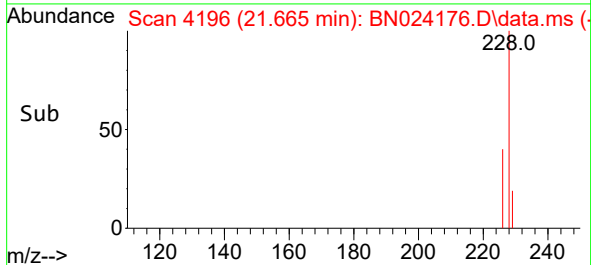
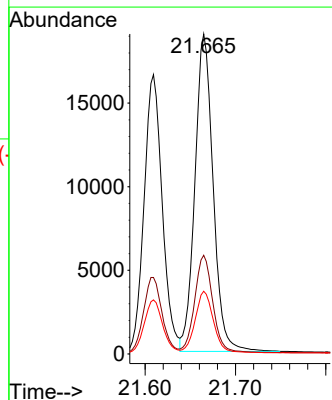
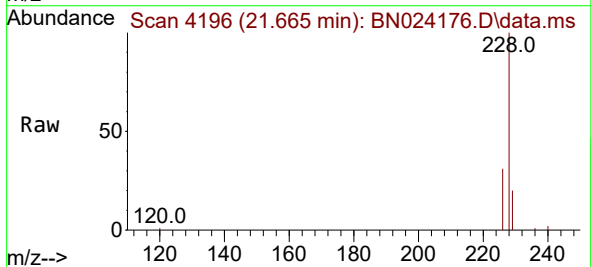
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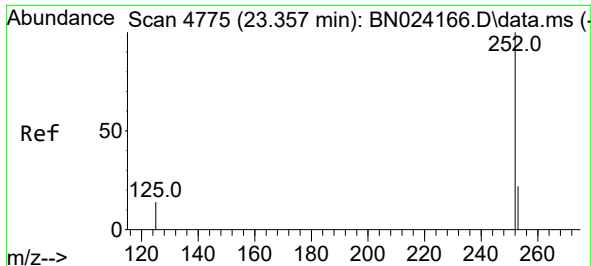
Tgt Ion:228 Resp: 23433
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 27.4 22.2 33.4



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.665 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:228 Resp: 26546
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.6 15.8 23.6

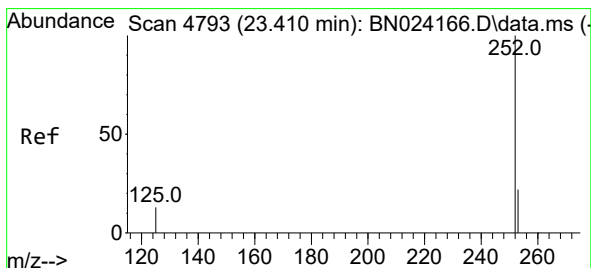
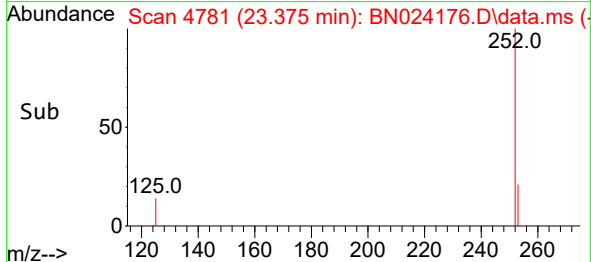
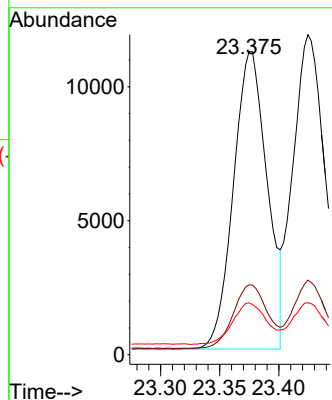
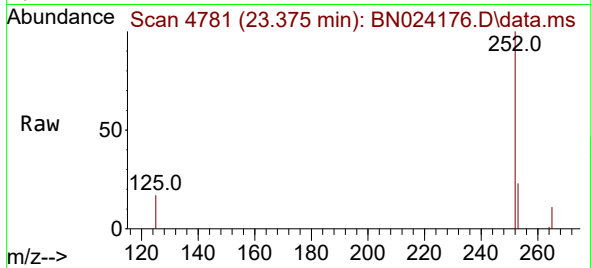




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.375 min Scan# 4781
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

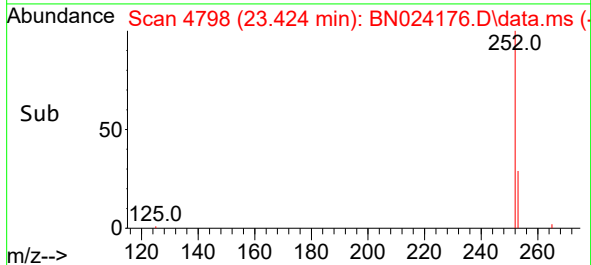
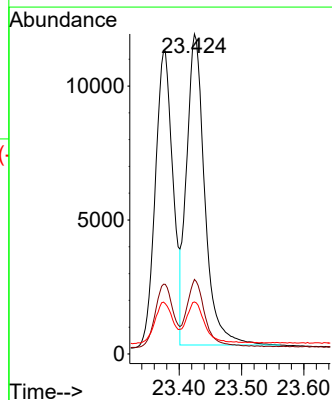
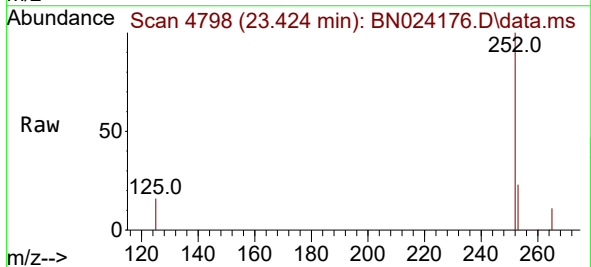
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

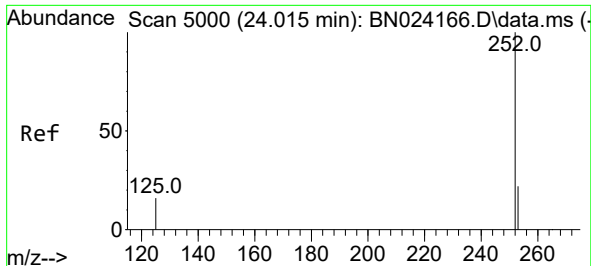
Tgt Ion:252 Resp: 22065
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.2
125 17.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.424 min Scan# 4798
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:252 Resp: 23533
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 16.3 13.2 19.8

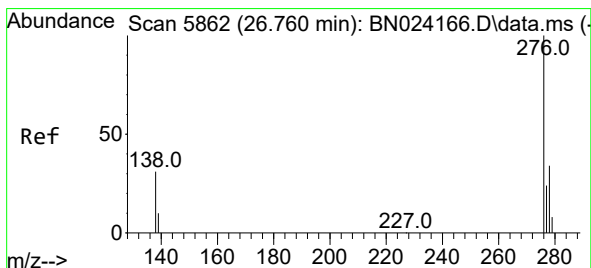
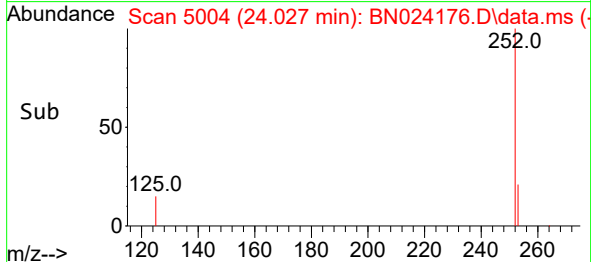
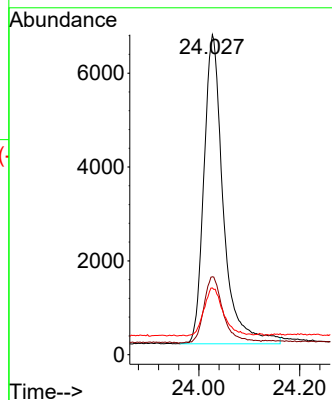
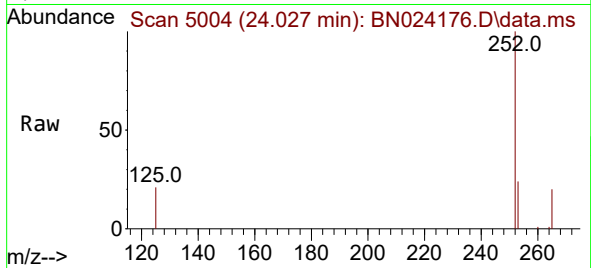




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 24.027 min Scan# 5004
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

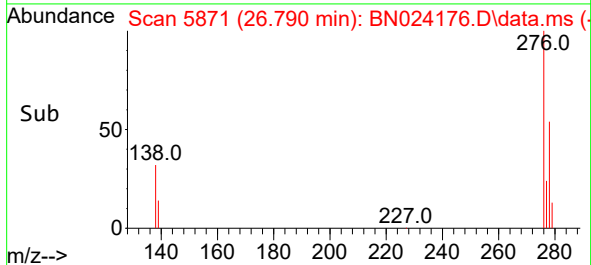
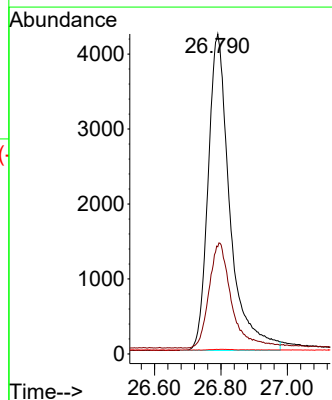
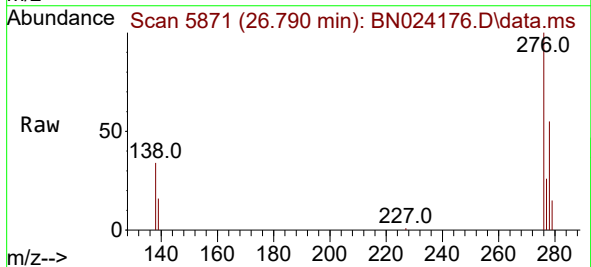
Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

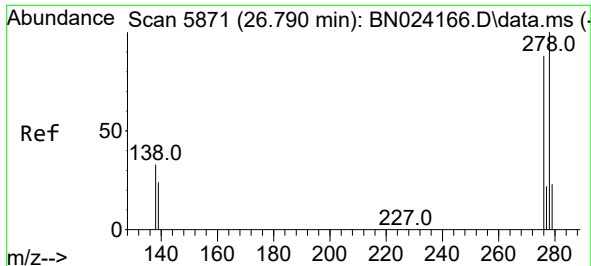
Tgt Ion:252 Resp: 17576
Ion Ratio Lower Upper
252 100
253 24.4 19.2 28.8
125 20.9 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.790 min Scan# 5871
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:276 Resp: 19152
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

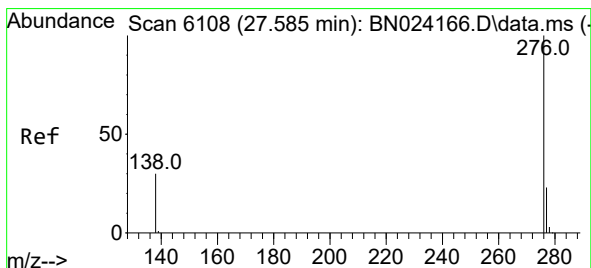
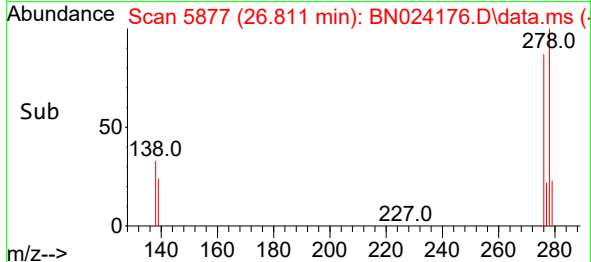
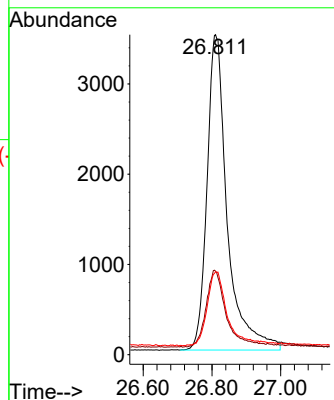
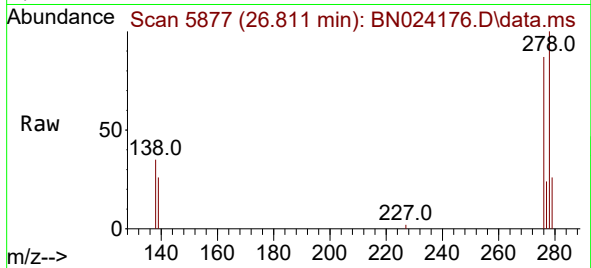




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.811 min Scan# 5877
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4387

Tgt Ion:278 Resp: 14283
Ion Ratio Lower Upper
278 100
139 26.1 21.0 31.6
279 25.9 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 27.599 min Scan# 6112
Delta R.T. 0.000 min
Lab File: BN024176.D
Acq: 08 Mar 2023 20:31

Tgt Ion:276 Resp: 16996
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 25.0 19.4 29.2

