

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027445.D
 Acq On : 07 Sep 2023 17:20
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4261

Quant Time: Sep 08 01:57:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

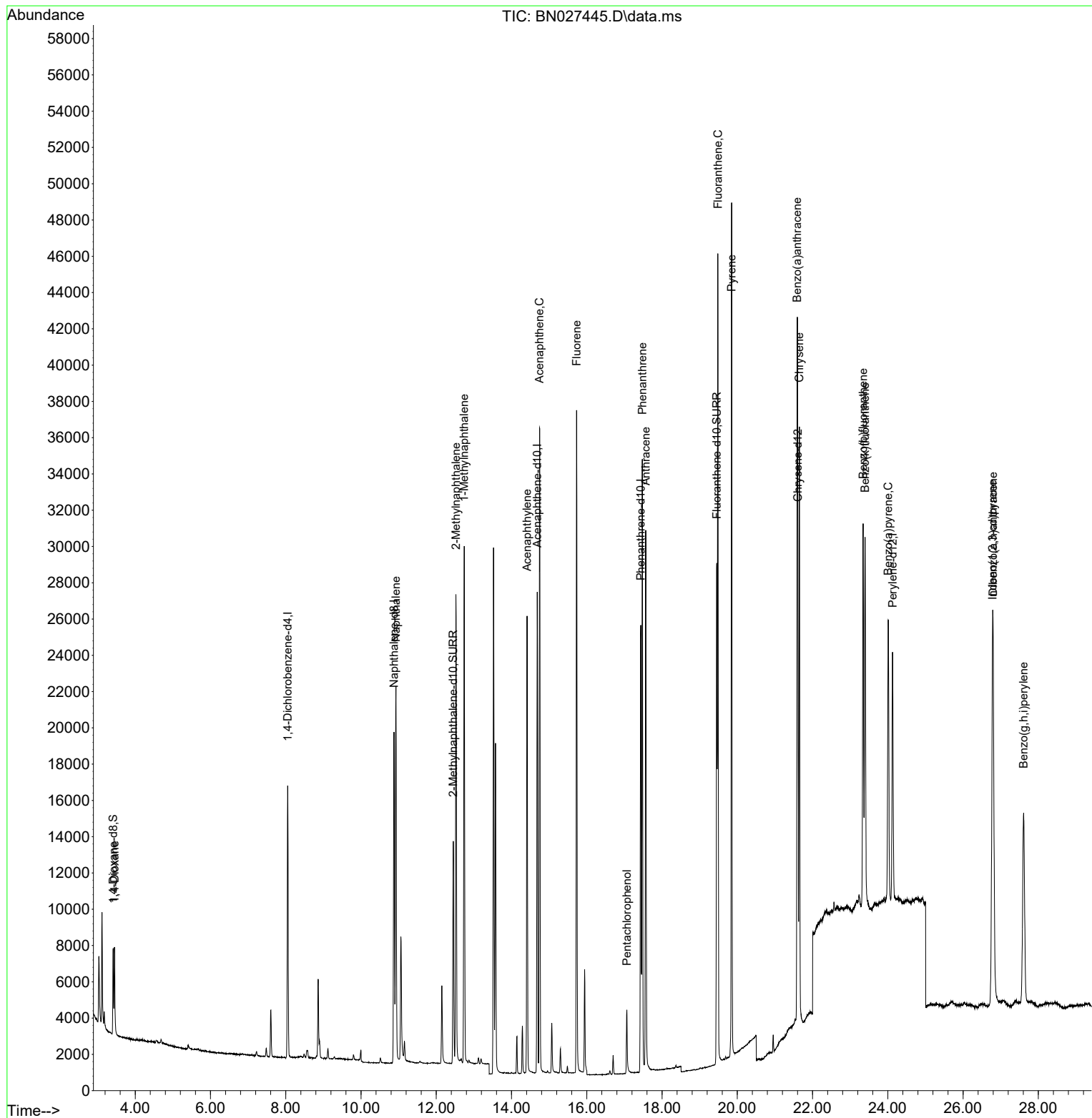
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	7706	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	26020	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	14715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	29791	0.400	ng/ul	0.00
17) Chrysene-d12	21.609	240	19917	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	19721	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3245	0.317	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	16143	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	30454	0.446	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3419	0.330	ng/ul#	78
5) Naphthalene	10.927	128	28809	0.382	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	18726	0.397	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	19338	0.384	ng/ul	99
10) Acenaphthylene	14.412	152	28575	0.424	ng/ul	99
11) Acenaphthene	14.745	153	20935	0.361	ng/ul	97
12) Fluorene	15.730	166	23371	0.360	ng/ul	98
14) Pentachlorophenol	17.063	266	2613	0.450	ng/ul	98
15) Phenanthrene	17.476	178	35888	0.370	ng/ul	99
16) Anthracene	17.565	178	33636	0.436	ng/ul	99
19) Fluoranthene	19.482	202	38543	0.421	ng/ul	99
20) Pyrene	19.850	202	39114	0.419	ng/ul	97
21) Benzo(a)anthracene	21.591	228	31489	0.439	ng/ul	96
22) Chrysene	21.650	228	30177	0.360	ng/ul	96
24) Benzo(b)fluoranthene	23.342	252	29247	0.314	ng/ul	87
25) Benzo(k)fluoranthene	23.395	252	29355	0.322	ng/ul#	86
26) Benzo(a)pyrene	24.009	252	25415	0.349	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.780	276	31762	0.393	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.800	278	25466	0.412	ng/ul#	91
29) Benzo(g,h,i)perylene	27.608	276	25723	0.353	ng/ul#	93

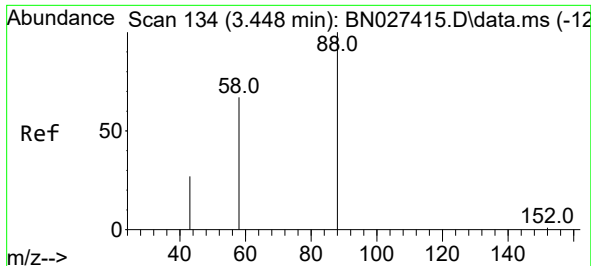
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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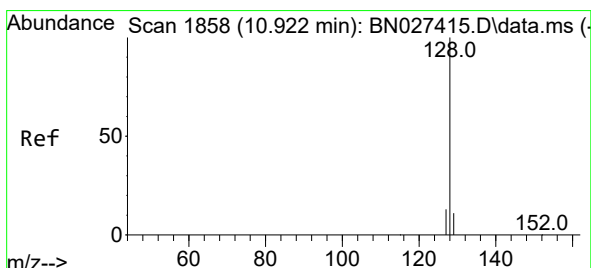
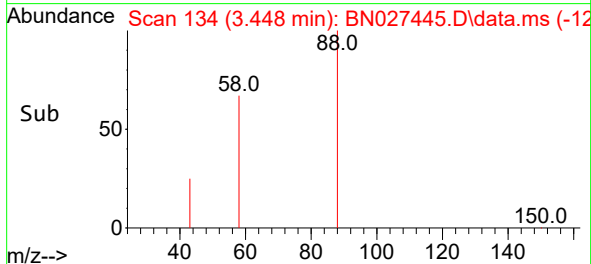
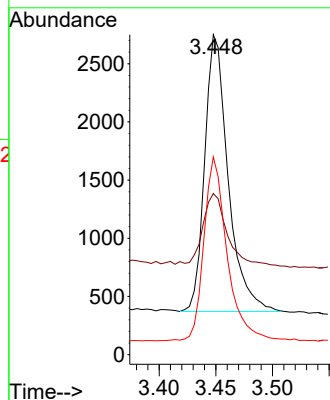
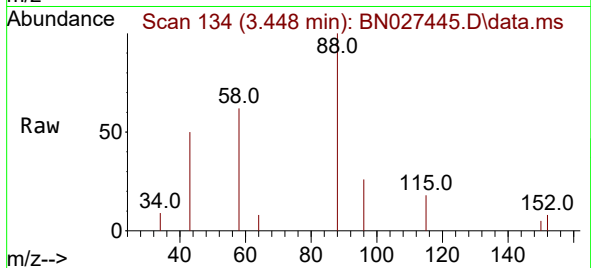




#2
1,4-Dioxane
Concen: 0.330 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

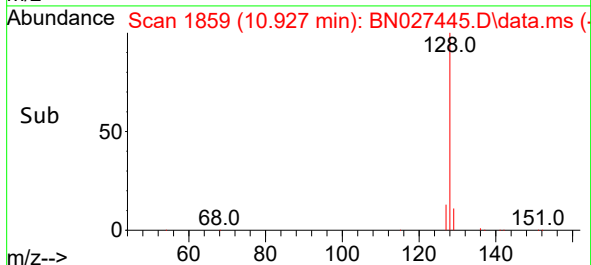
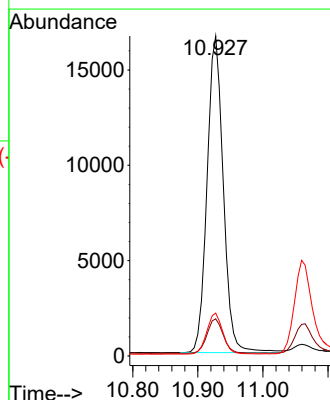
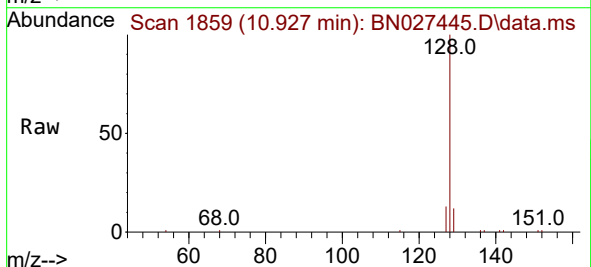
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

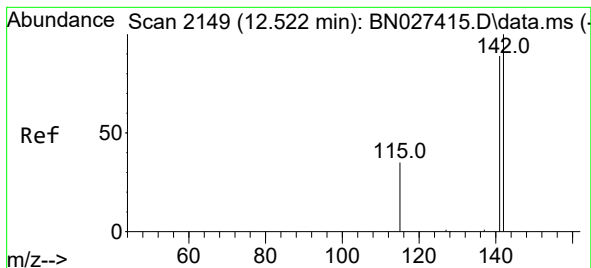
Tgt Ion: 88 Resp: 3419
Ion Ratio Lower Upper
88 100
43 50.3 26.8 40.2#
58 61.8 39.9 59.9#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:128 Resp: 28809
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.4 10.6 16.0

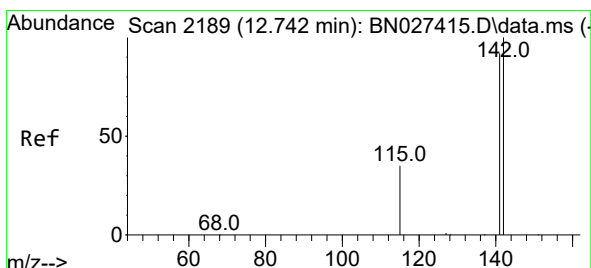
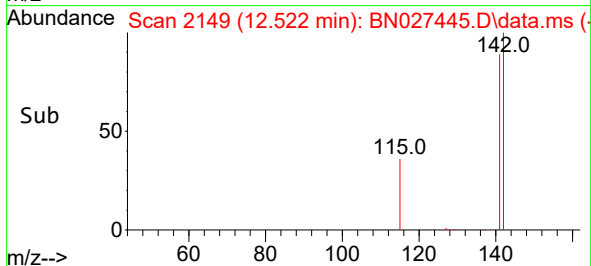
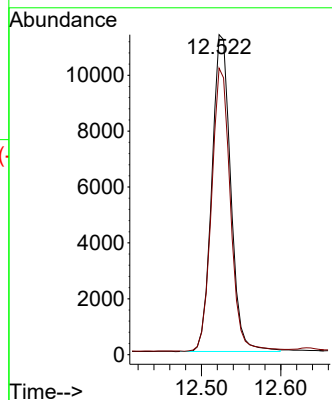
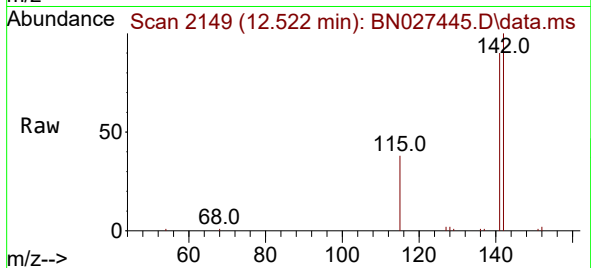




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

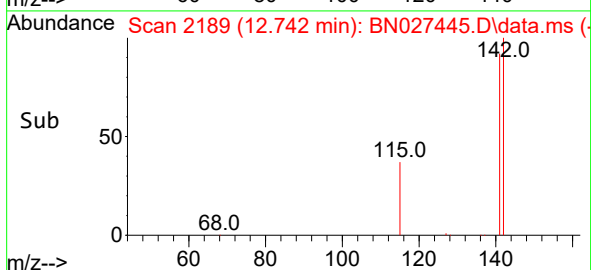
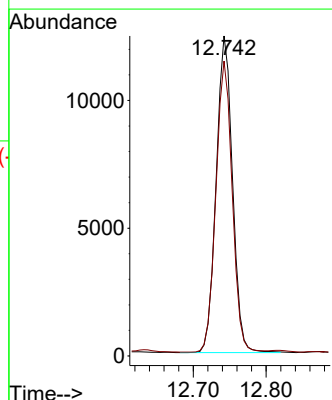
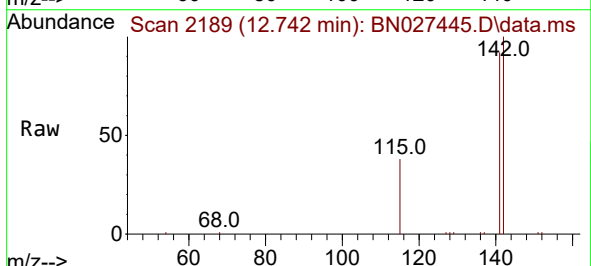
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

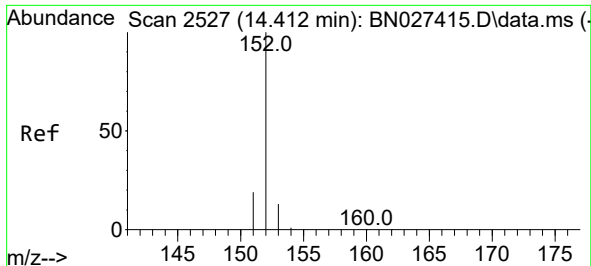
Tgt Ion:142 Resp: 18726
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:142 Resp: 19338
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4

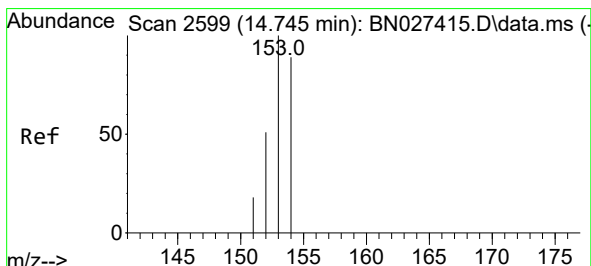
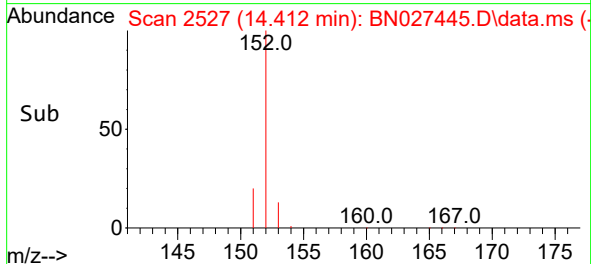
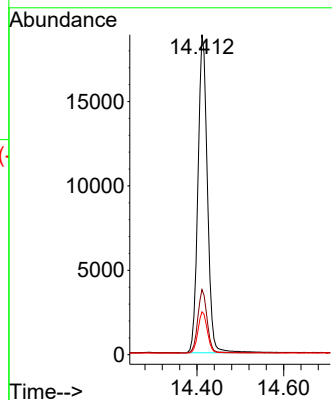
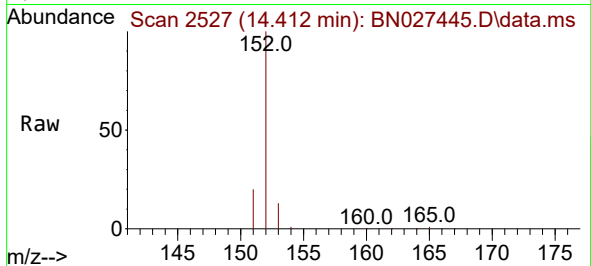




#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.412 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

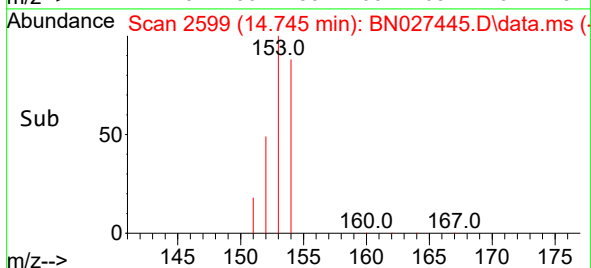
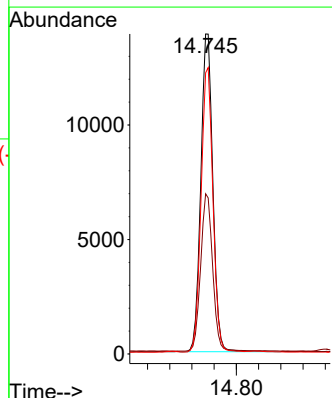
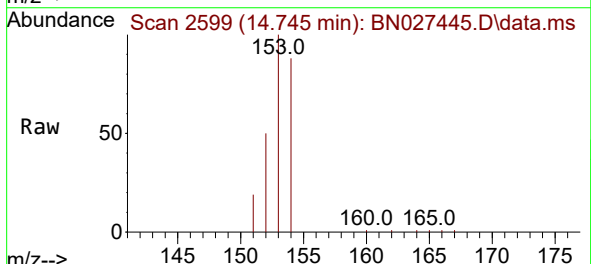
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

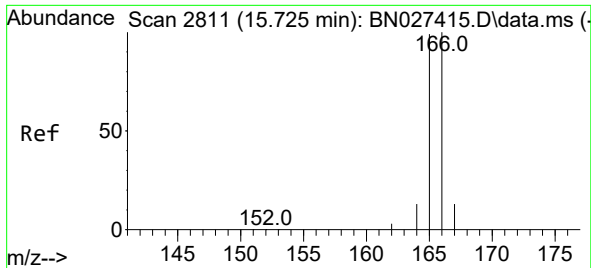
Tgt Ion:152 Resp: 28575
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.745 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:153 Resp: 20935
Ion Ratio Lower Upper
153 100
152 50.1 42.9 64.3
154 87.8 69.4 104.0

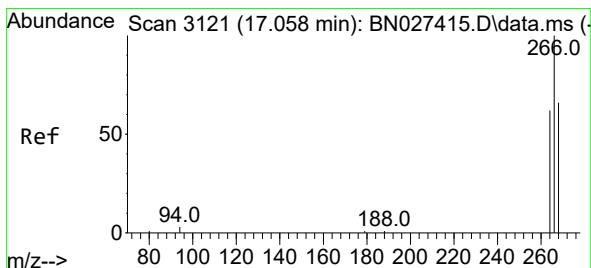
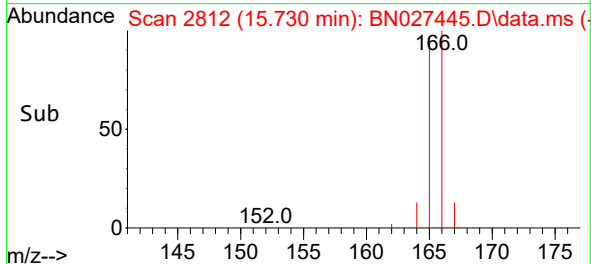
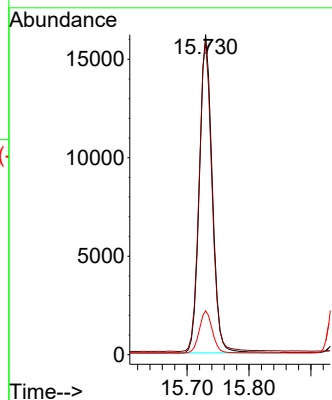
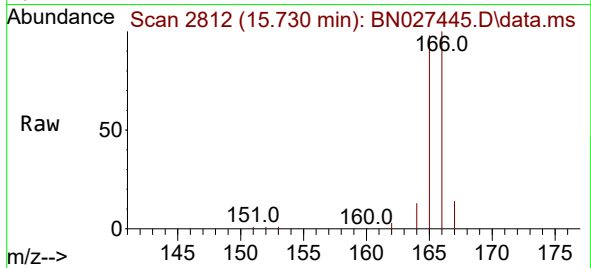




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.730 min Scan# 2811
Delta R.T. -0.009 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

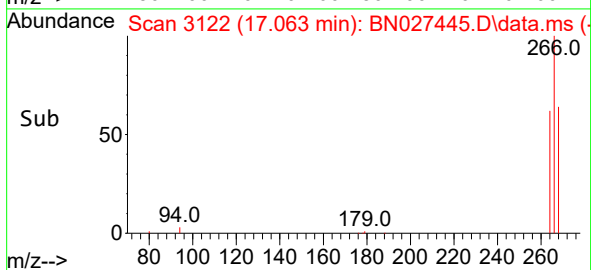
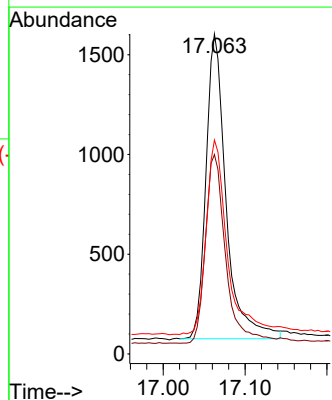
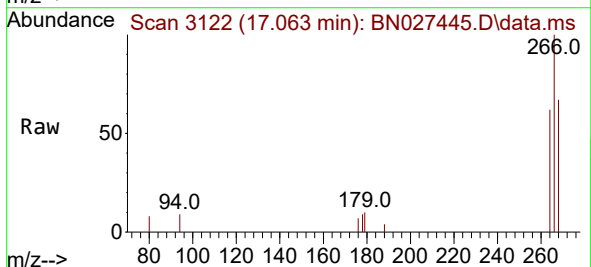
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

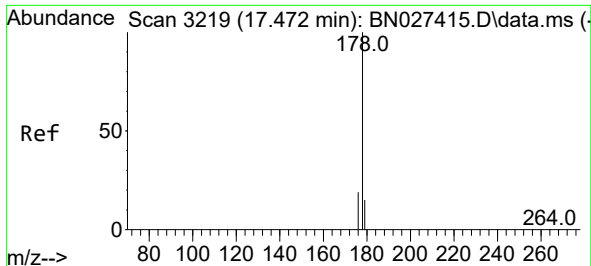
Tgt Ion:166 Resp: 23371
Ion Ratio Lower Upper
166 100
165 97.8 79.6 119.4
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.450 ng/ul
RT: 17.063 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:266 Resp: 2613
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 68.3 51.9 77.9

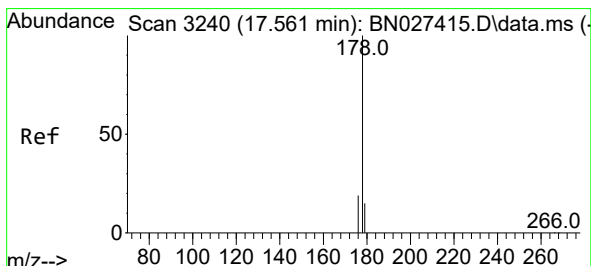
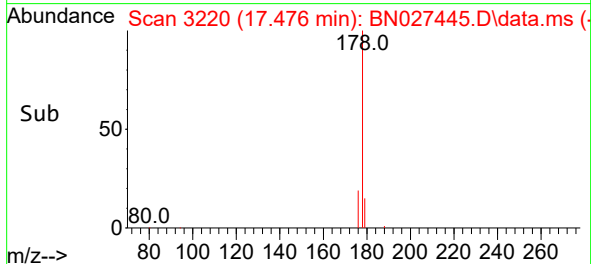
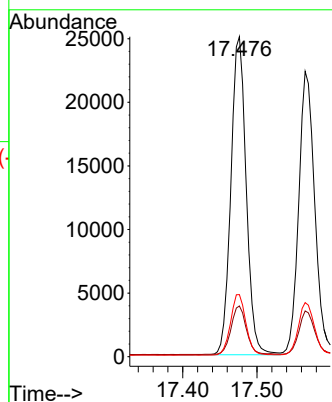
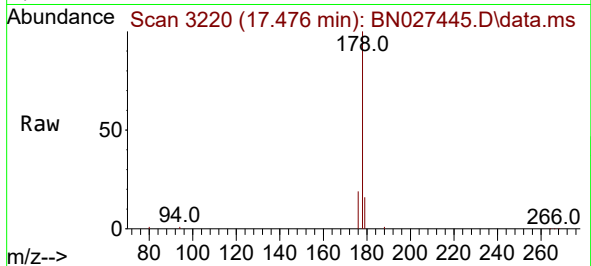




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.476 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

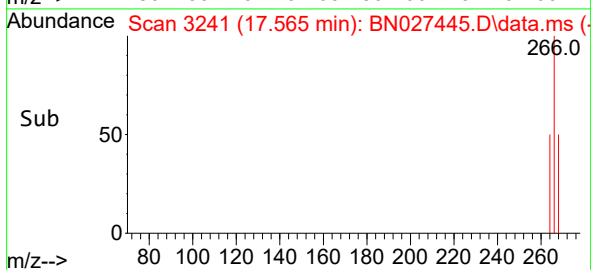
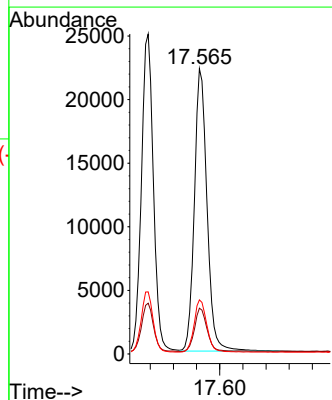
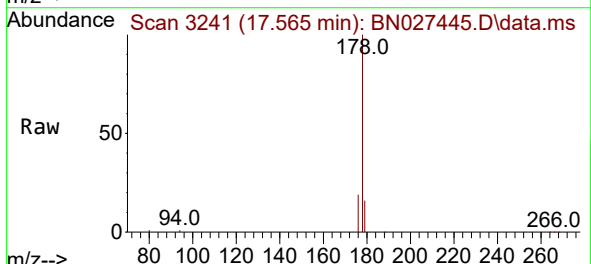
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SSTD0.4261

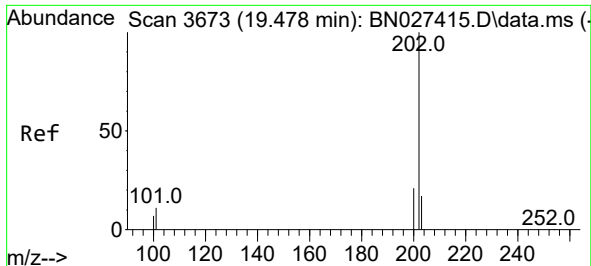
Tgt Ion:178 Resp: 35888
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.4 15.8 23.8



#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.565 min Scan# 3241
Delta R.T. -0.008 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:178 Resp: 33636
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.0 15.6 23.4

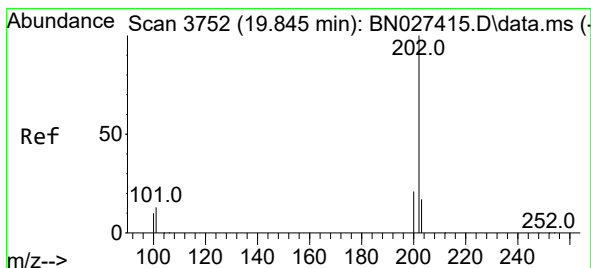
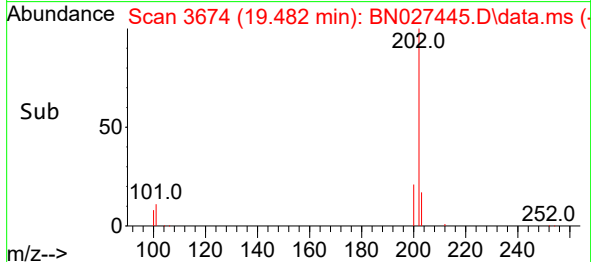
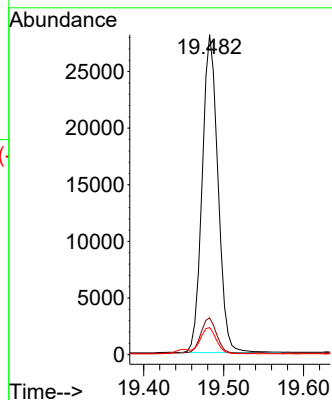
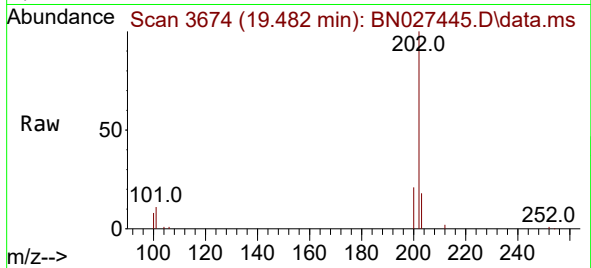




#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.482 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

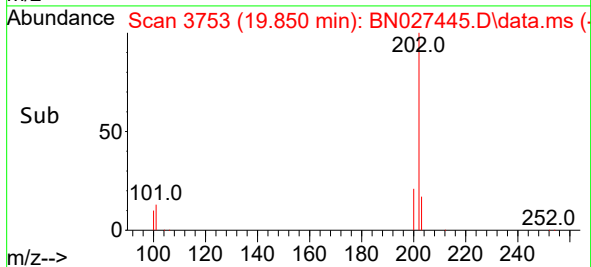
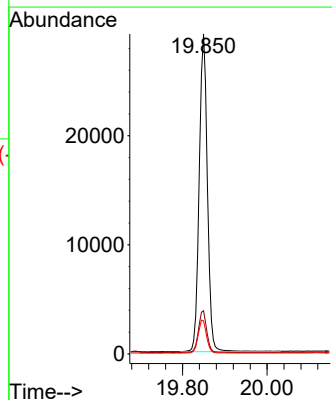
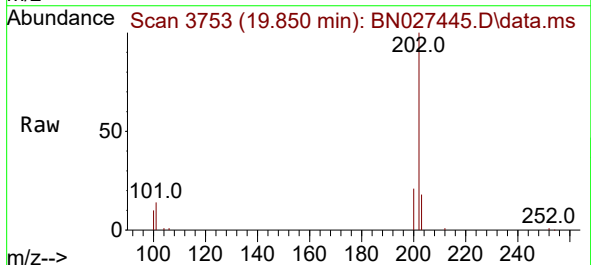
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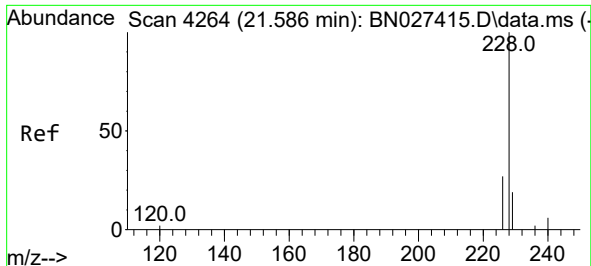
Tgt Ion:202 Resp: 38543
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.0
100 8.4 6.9 10.3



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. -0.000 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:202 Resp: 39114
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.4 9.4 14.2

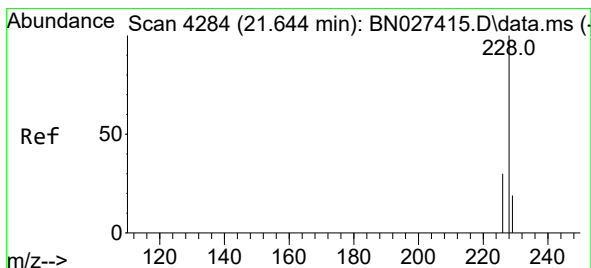
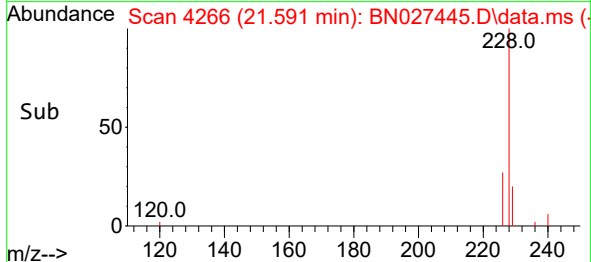
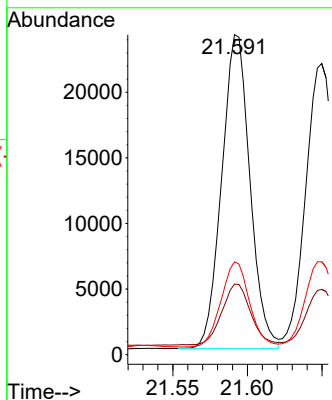
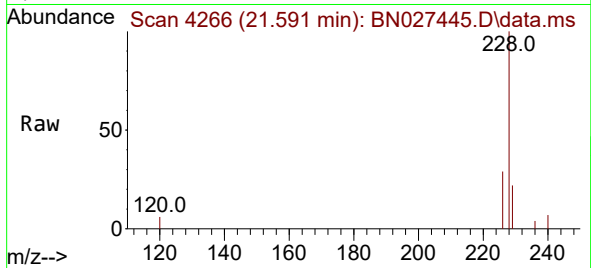




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.591 min Scan# 4266
Delta R.T. -0.000 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

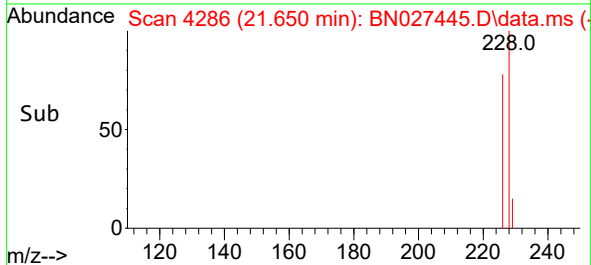
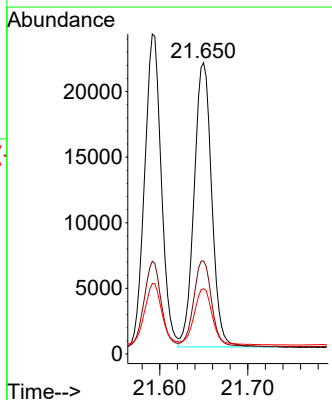
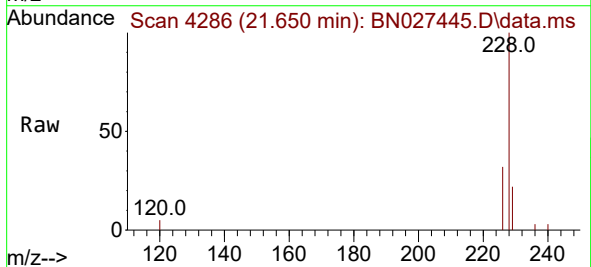
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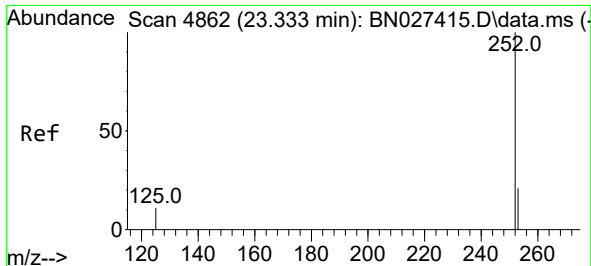
Tgt Ion:228 Resp: 31489
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 29.0 22.0 33.0



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.650 min Scan# 4286
Delta R.T. 0.003 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

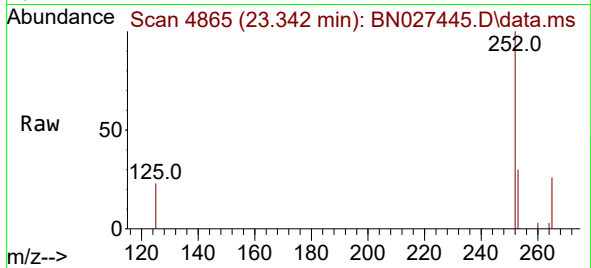
Tgt Ion:228 Resp: 30177
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 22.4 15.6 23.4



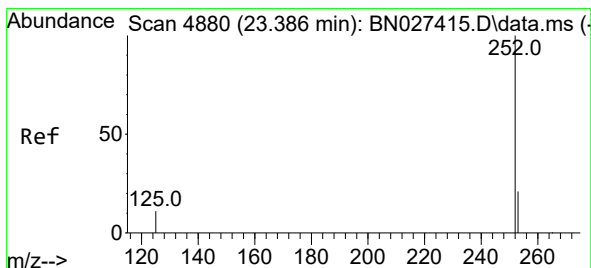
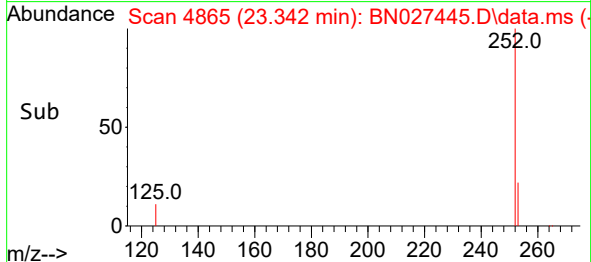
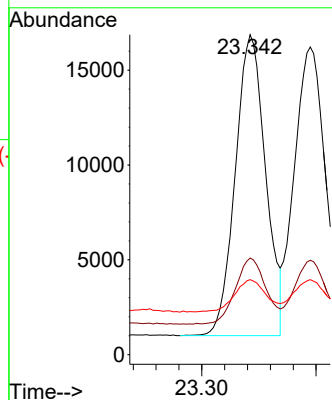


#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.342 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

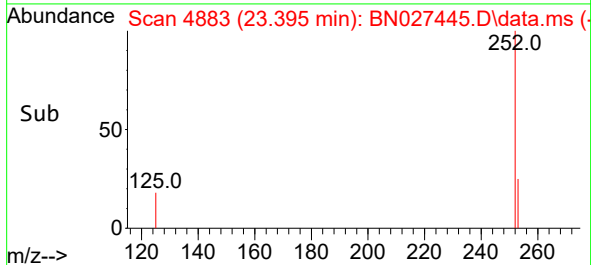
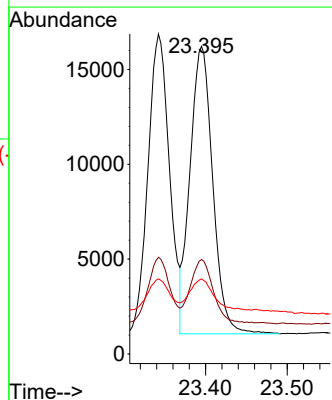
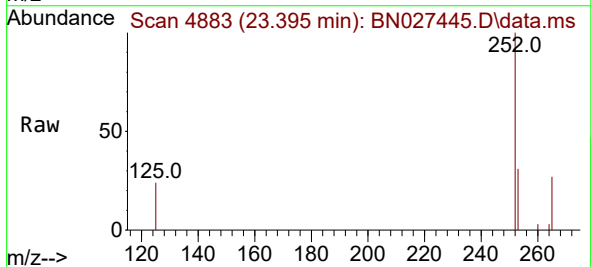


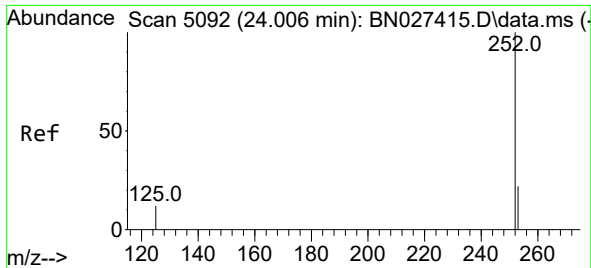
Tgt Ion:252 Resp: 29247
Ion Ratio Lower Upper
252 100
253 30.2 0.0 49.6
125 23.4 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. -0.003 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:252 Resp: 29355
Ion Ratio Lower Upper
252 100
253 30.7 19.9 29.9#
125 24.4 13.6 20.4#

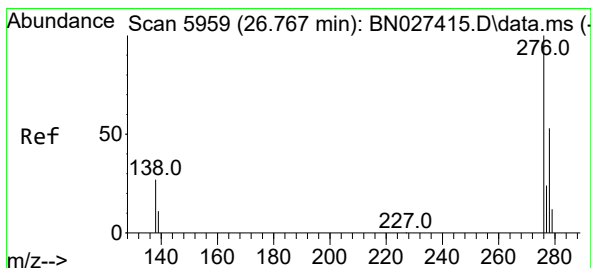
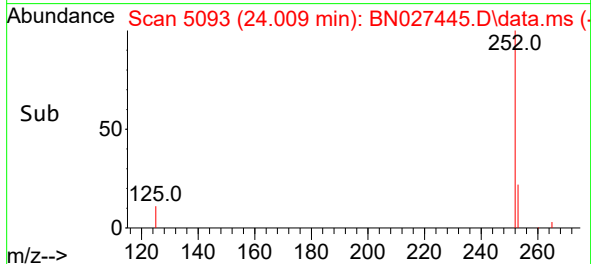
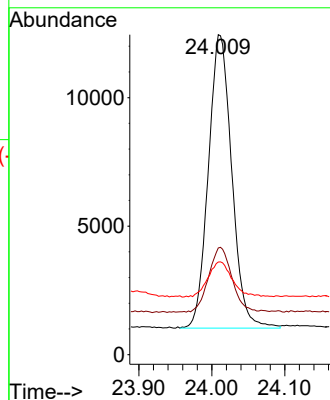
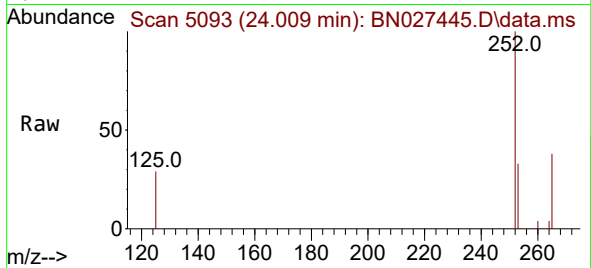




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 24.009 min Scan# 5093
Delta R.T. -0.009 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

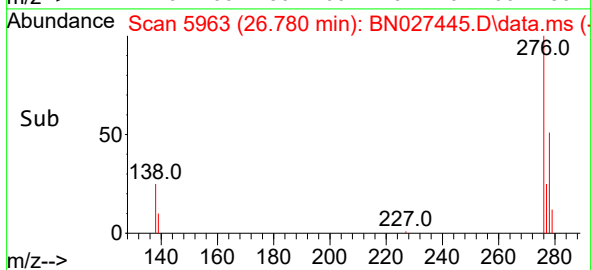
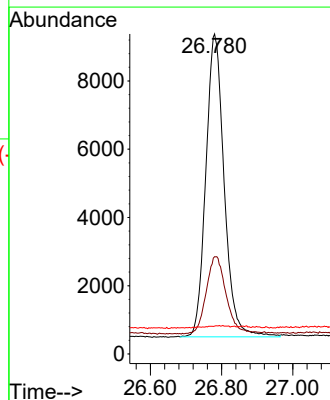
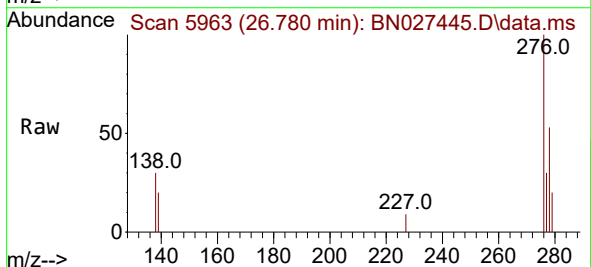
Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

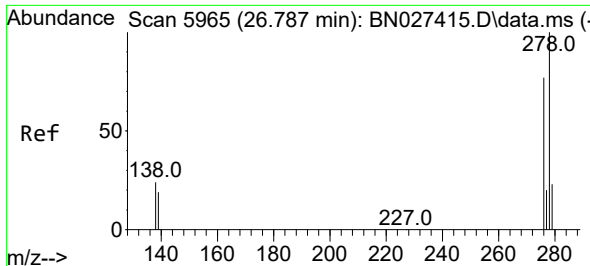
Tgt Ion:252 Resp: 25415
Ion Ratio Lower Upper
252 100
253 33.4 22.4 33.6
125 28.9 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.780 min Scan# 5963
Delta R.T. -0.020 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:276 Resp: 31762
Ion Ratio Lower Upper
276 100
138 28.1 23.9 35.9
227 0.0 0.1 0.1#

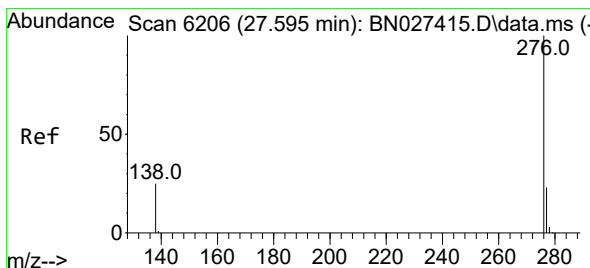
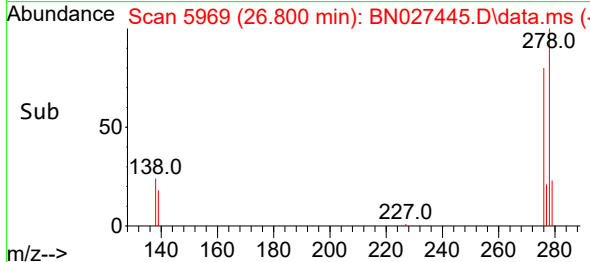
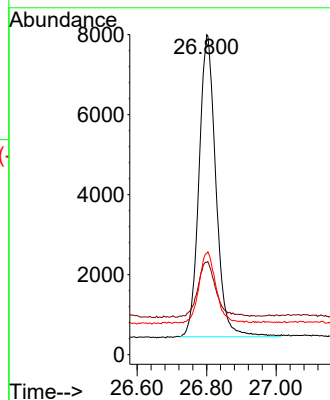
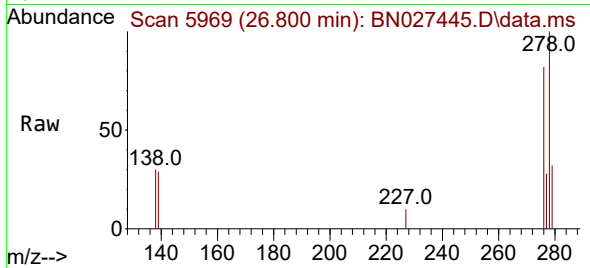




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.800 min Scan# 5965
Delta R.T. -0.034 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4261

Tgt Ion:278 Resp: 25466
Ion Ratio Lower Upper
278 100
139 28.8 18.0 27.0#
279 31.7 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.608 min Scan# 6210
Delta R.T. -0.020 min
Lab File: BN027445.D
Acq: 07 Sep 2023 17:20

Tgt Ion:276 Resp: 25723
Ion Ratio Lower Upper
276 100
138 29.9 22.1 33.1
277 30.5 20.2 30.4#

