

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027943.D
 Acq On : 29 Sep 2023 02:07
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4279

Quant Time: Sep 29 04:01:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

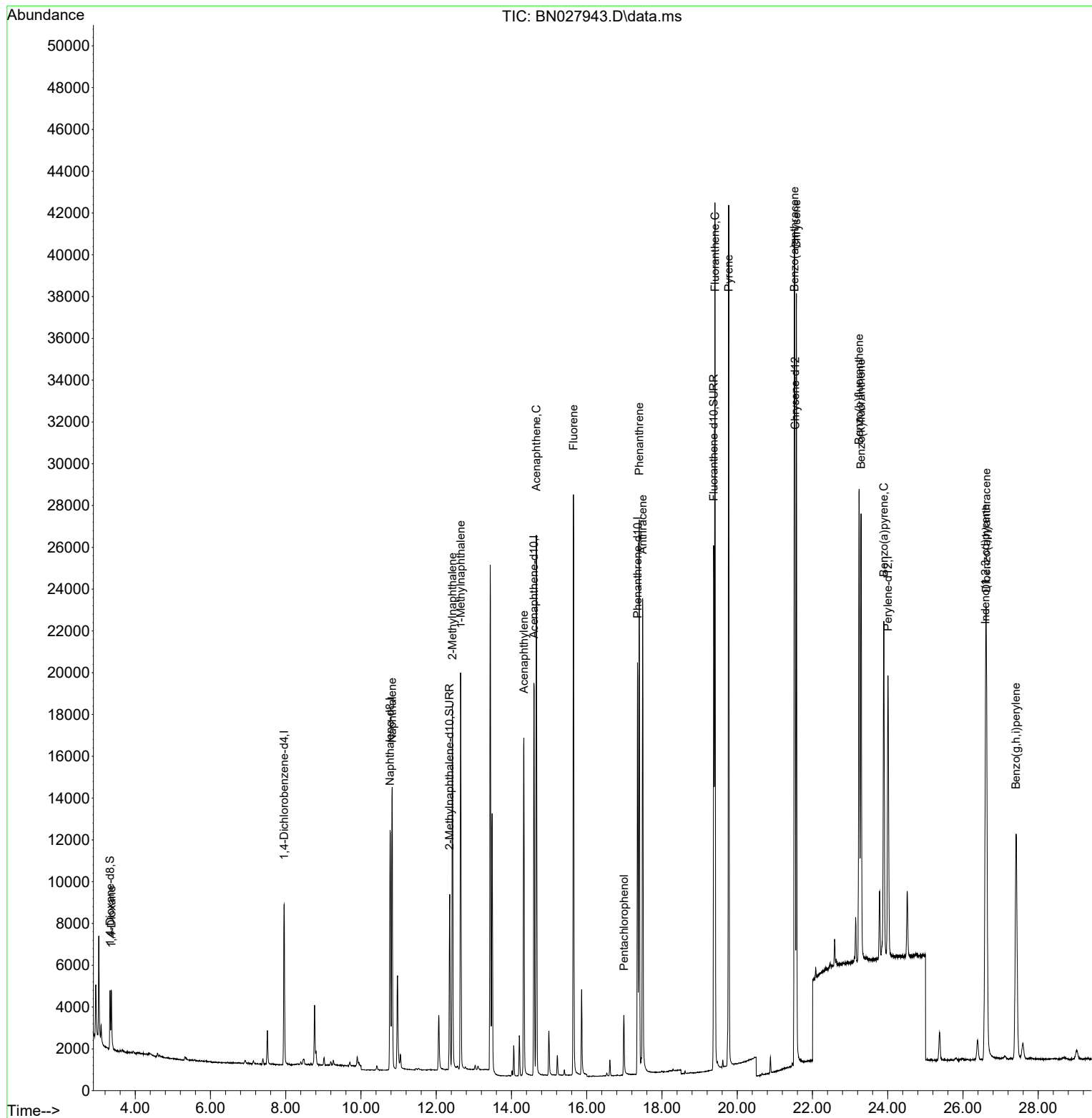
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	4203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	16218	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	10539	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	23236	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	21581	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	20336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1941	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	11268	0.459	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	27574	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	2034	0.369	ng/ul	96
5) Naphthalene	10.828	128	18811	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	12708	0.432	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	13146	0.433	ng/ul	98
10) Acenaphthylene	14.328	152	19200	0.417	ng/ul	99
11) Acenaphthene	14.661	153	15070	0.379	ng/ul	98
12) Fluorene	15.647	166	17499	0.374	ng/ul	99
14) Pentachlorophenol	16.987	266	2141	0.394	ng/ul	99
15) Phenanthrene	17.397	178	28417	0.389	ng/ul	98
16) Anthracene	17.485	178	25762	0.421	ng/ul	99
19) Fluoranthene	19.408	202	33588	0.385	ng/ul	99
20) Pyrene	19.771	202	35148	0.391	ng/ul	99
21) Benzo(a)anthracene	21.519	228	32558	0.390	ng/ul	99
22) Chrysene	21.574	228	31871	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	30881	0.341	ng/ul	98
25) Benzo(k)fluoranthene	23.290	252	29558	0.336	ng/ul	98
26) Benzo(a)pyrene	23.895	252	25727	0.353	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.599	276	31102	0.333	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.623	278	25471	0.339	ng/ul	99
29) Benzo(g,h,i)perylene	27.411	276	25437	0.321	ng/ul	99

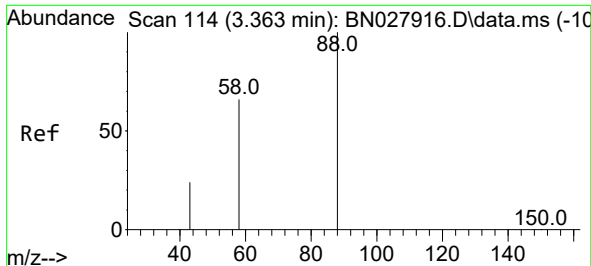
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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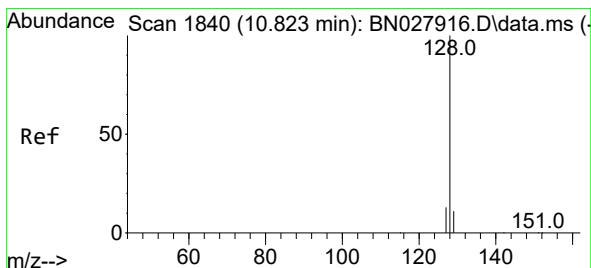
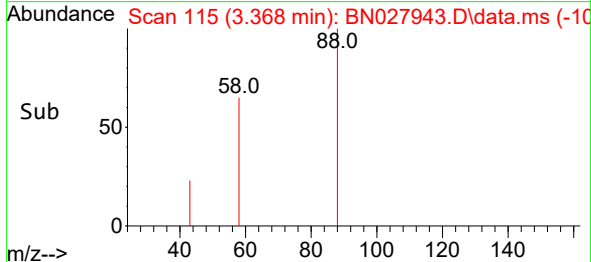
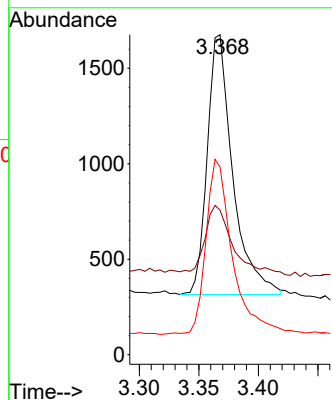
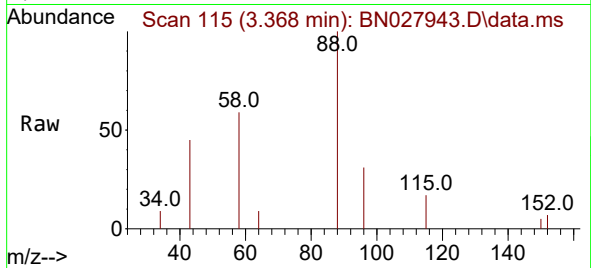




#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.368 min Scan# 114
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

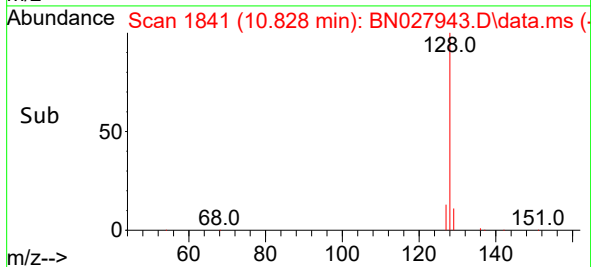
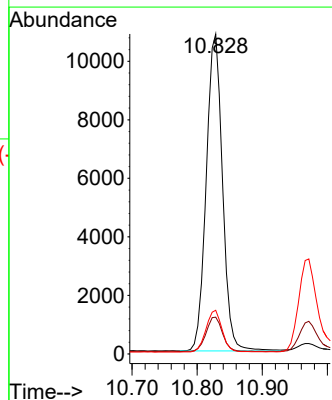
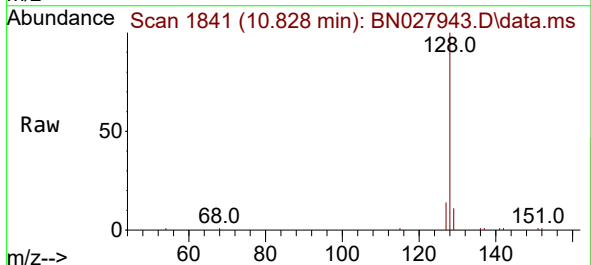
Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

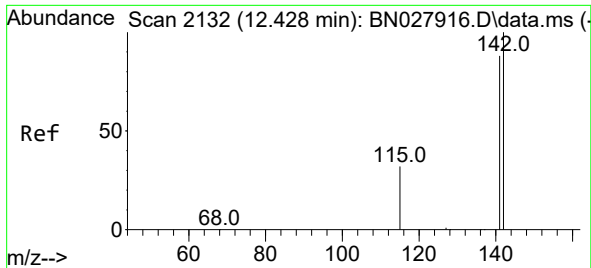
Tgt Ion: 88 Resp: 2034
Ion Ratio Lower Upper
88 100
43 45.2 39.6 59.4
58 58.6 48.3 72.5



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion: 128 Resp: 18811
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 10.7 16.1

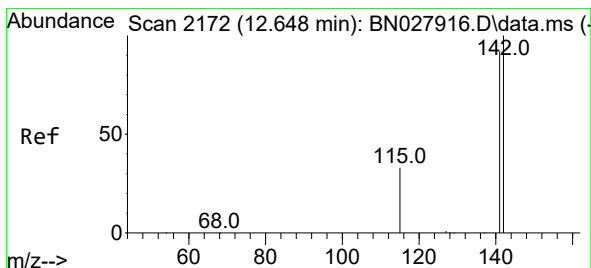
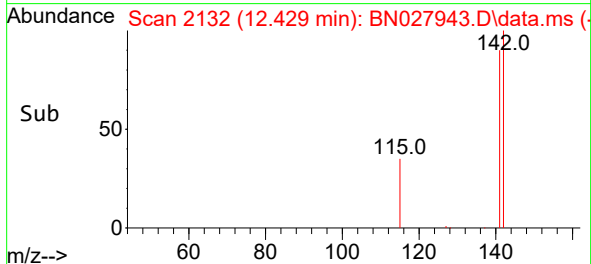
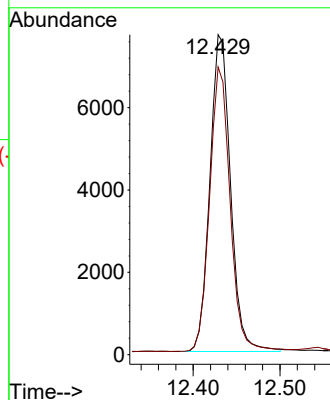
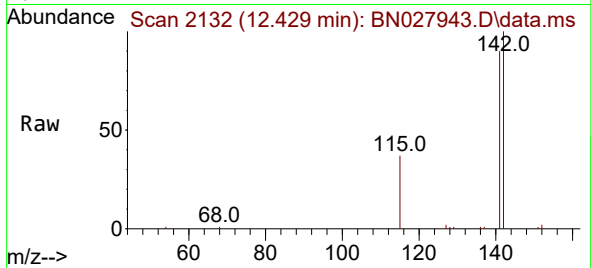




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.429 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

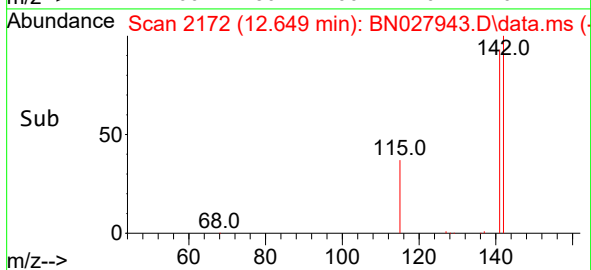
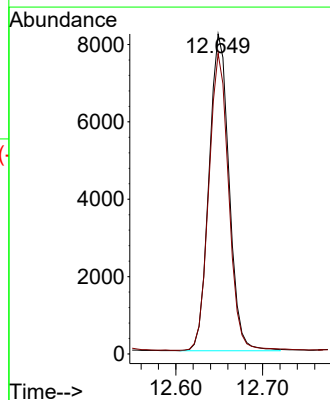
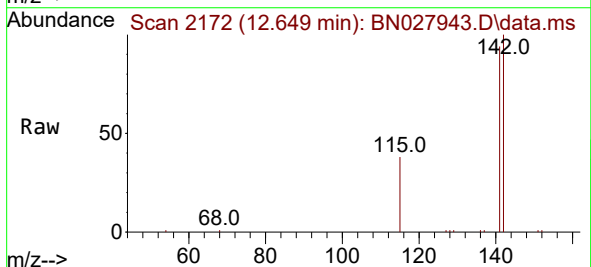
Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

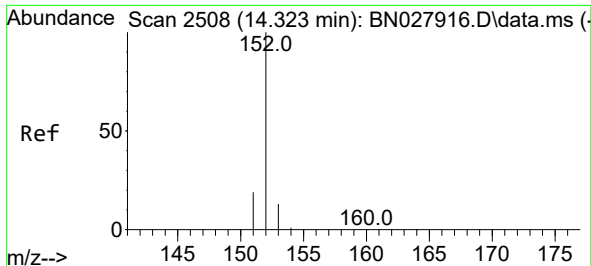
Tgt Ion:142 Resp: 12708
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:142 Resp: 13146
Ion Ratio Lower Upper
142 100
141 92.5 72.8 109.2

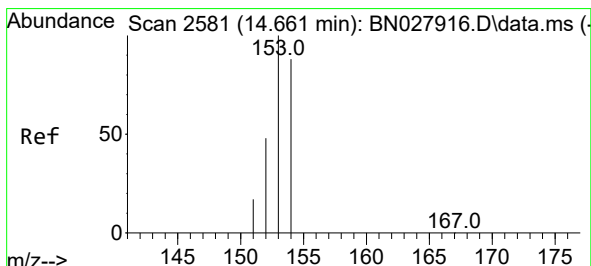
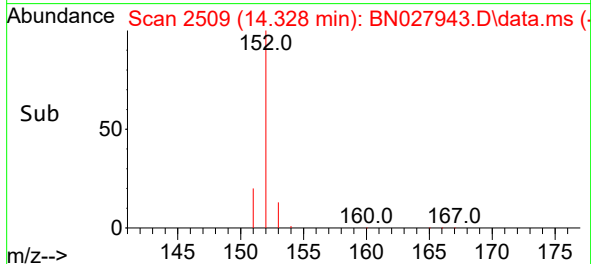
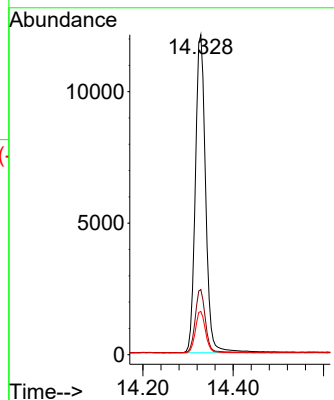
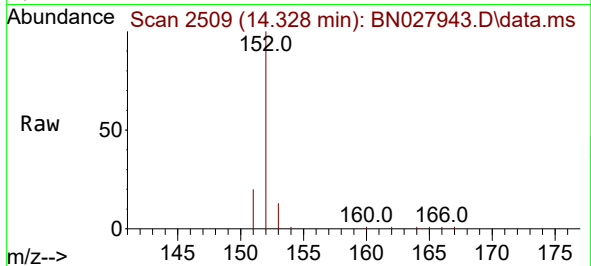




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.328 min Scan# 2508
Delta R.T. -0.004 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

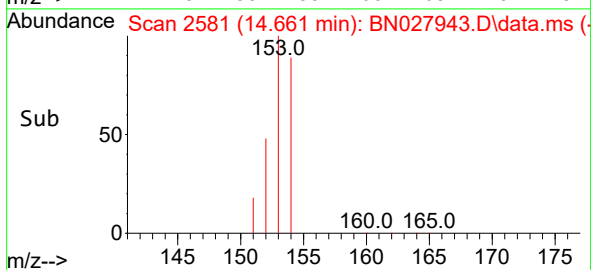
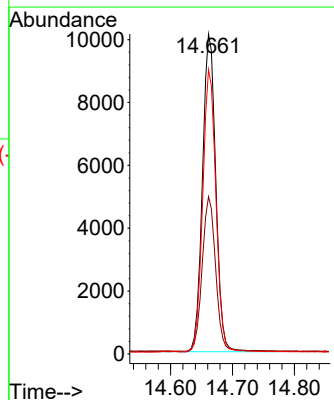
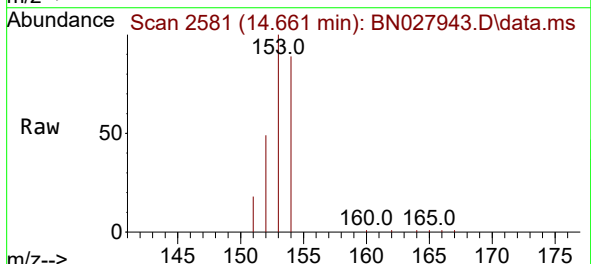
Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

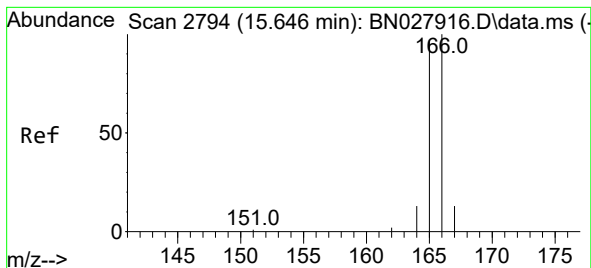
Tgt Ion:152 Resp: 19200
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.004 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:153 Resp: 15070
Ion Ratio Lower Upper
153 100
152 49.1 41.7 62.5
154 88.9 70.3 105.5





#12

Fluorene

Concen: 0.374 ng/ul

RT: 15.647 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN027943.D

Acq: 29 Sep 2023 02:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.4279

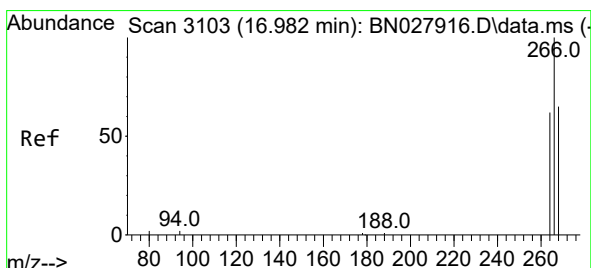
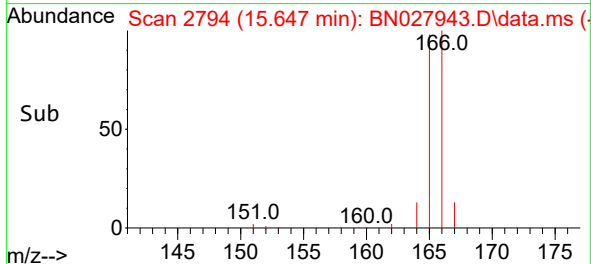
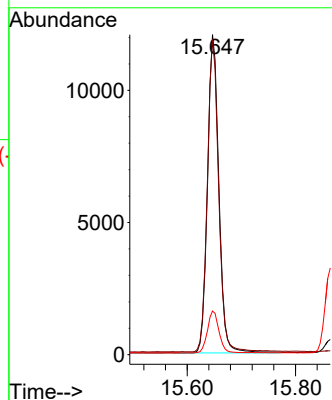
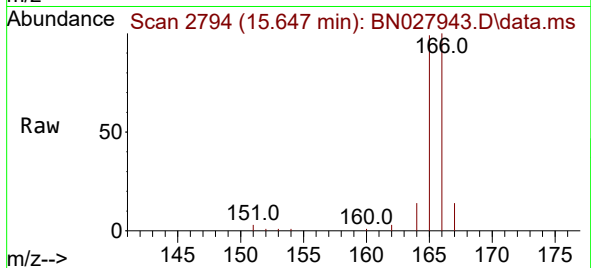
Tgt Ion:166 Resp: 17499

Ion Ratio Lower Upper

166 100

165 98.6 78.0 117.0

167 13.7 11.4 17.2



#14

Pentachlorophenol

Concen: 0.394 ng/ul

RT: 16.987 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BN027943.D

Acq: 29 Sep 2023 02:07

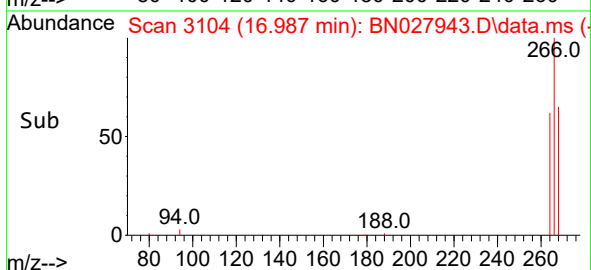
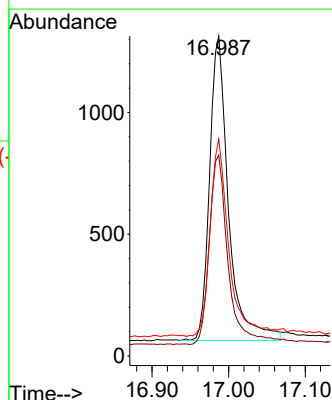
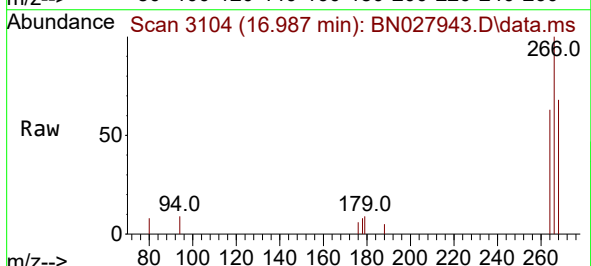
Tgt Ion:266 Resp: 2141

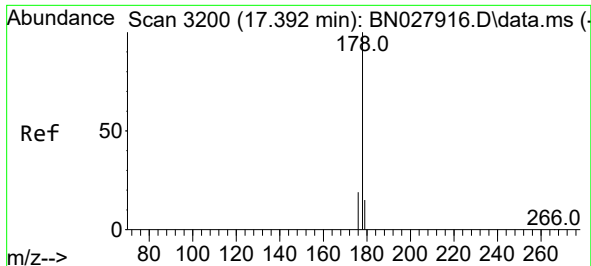
Ion Ratio Lower Upper

266 100

264 61.9 49.6 74.4

268 65.0 50.7 76.1

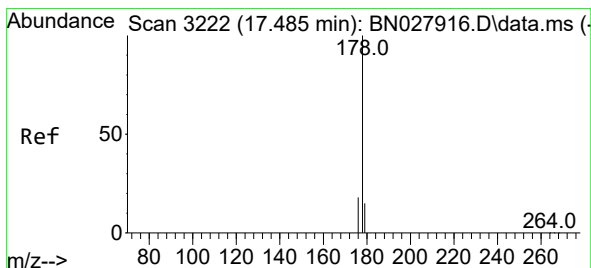
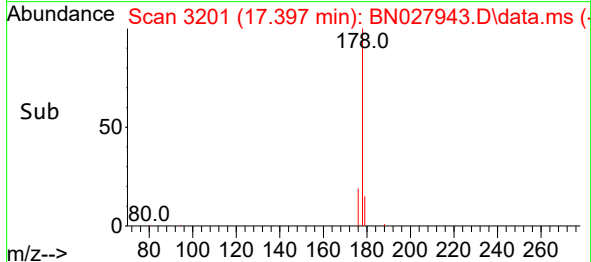
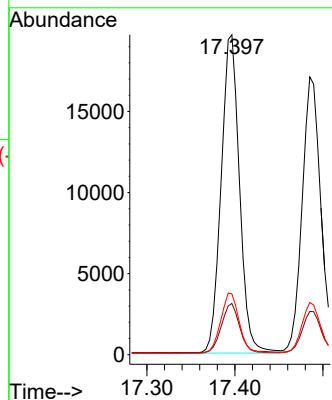
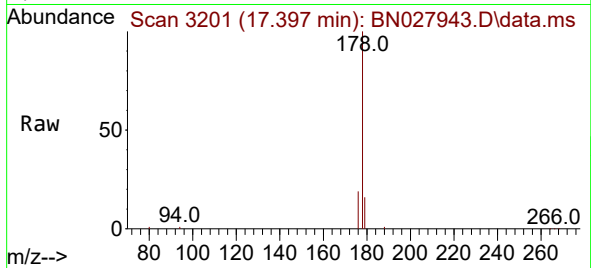




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.397 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

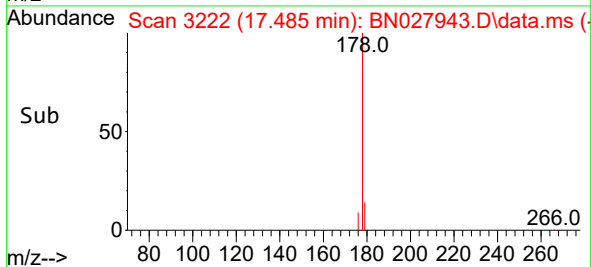
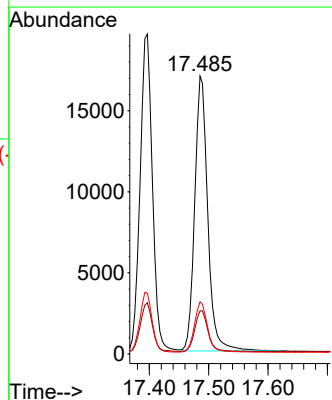
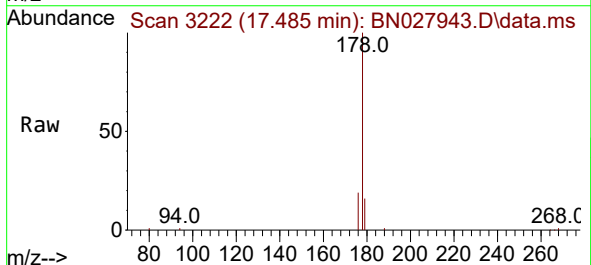
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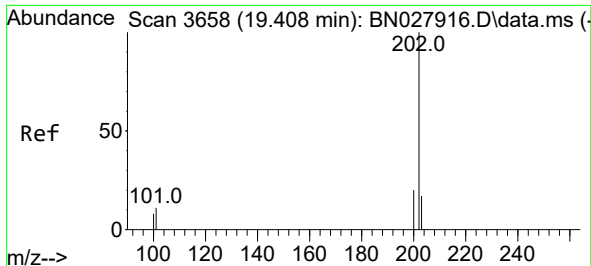
Tgt Ion:178 Resp: 28417
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:178 Resp: 25762
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.5 23.3

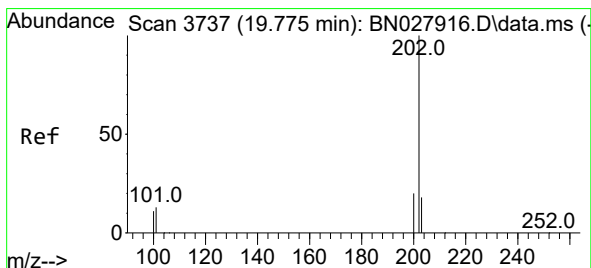
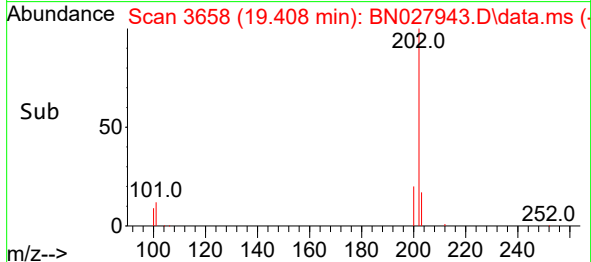
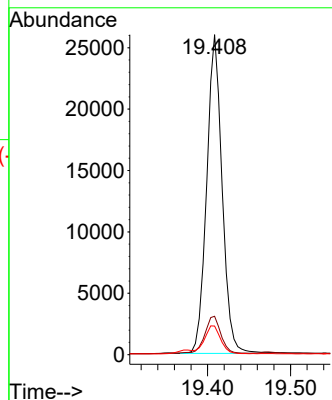
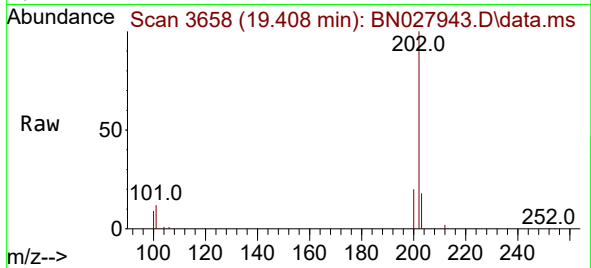




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

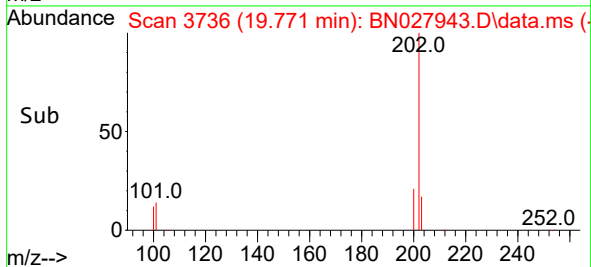
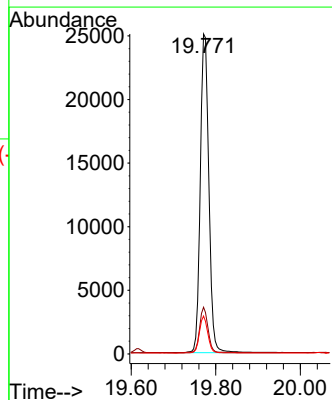
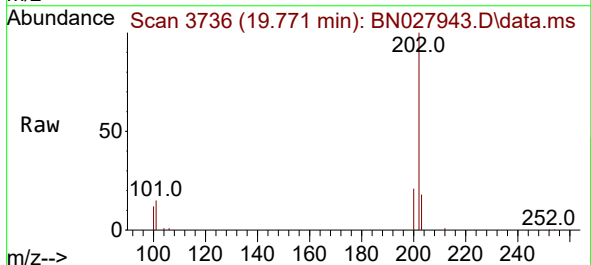
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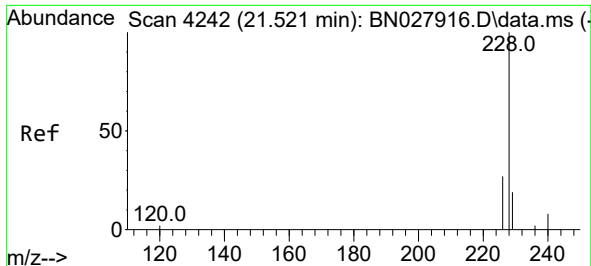
Tgt Ion:202 Resp: 33588
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.771 min Scan# 3736
Delta R.T. -0.004 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:202 Resp: 35148
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 11.8 9.1 13.7

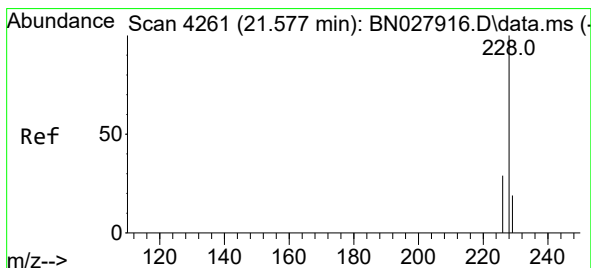
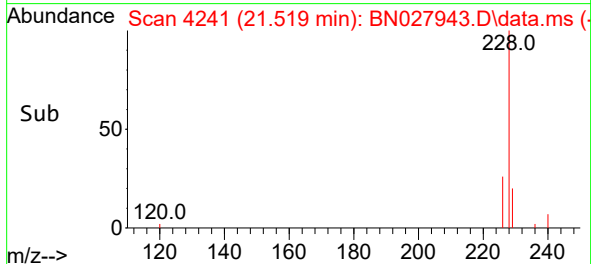
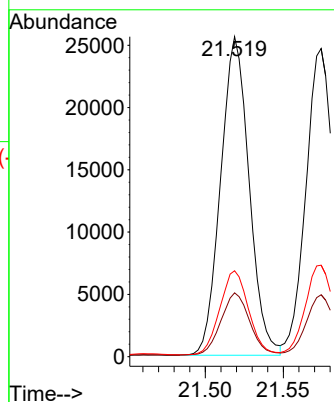
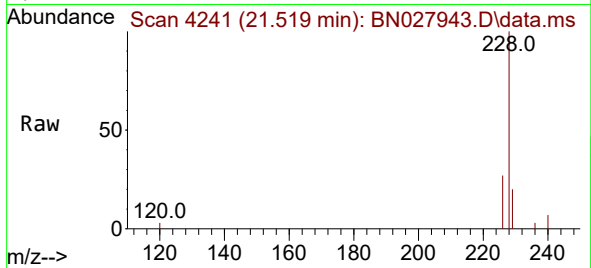




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

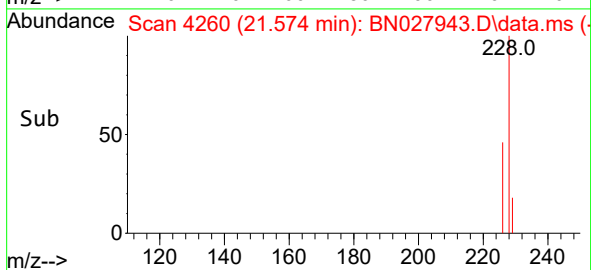
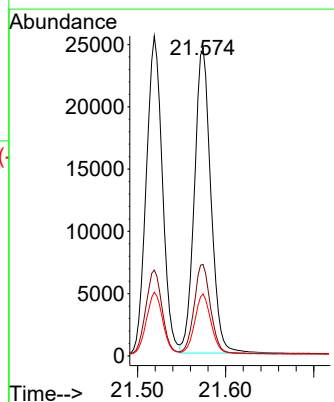
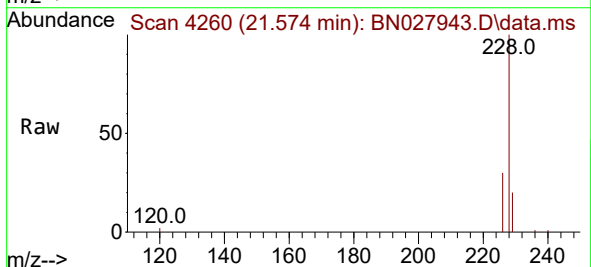
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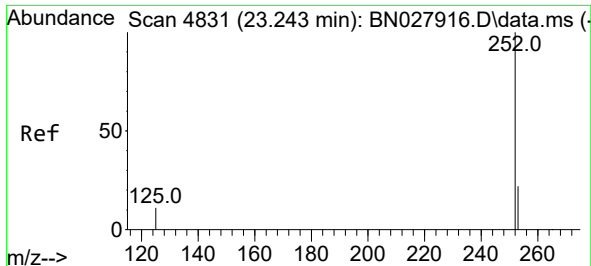
Tgt Ion:228 Resp: 32558
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 26.8 22.0 33.0



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

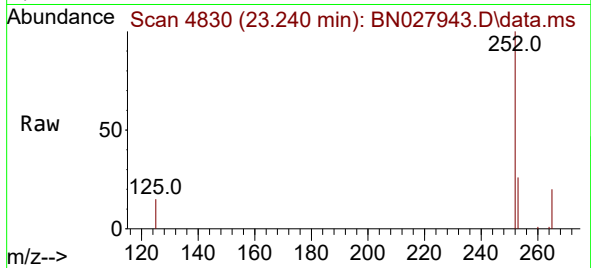
Tgt Ion:228 Resp: 31871
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 20.1 16.0 24.0



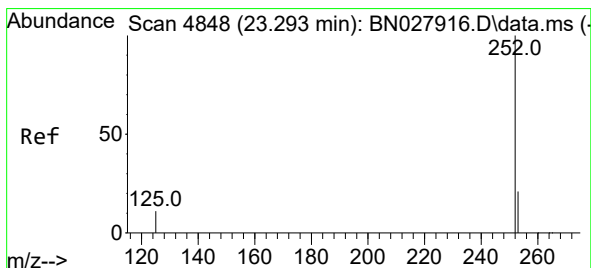
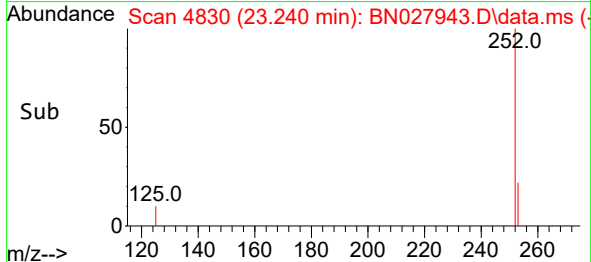
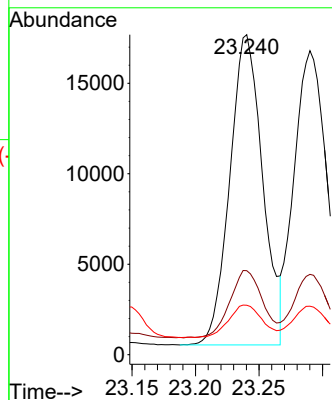


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.240 min Scan# 4831
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

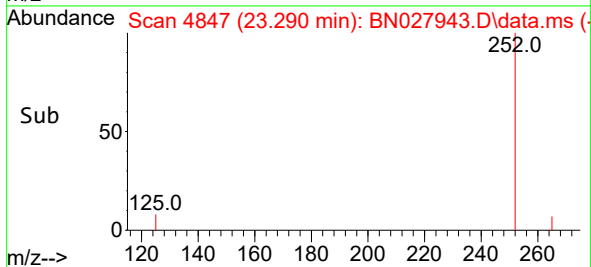
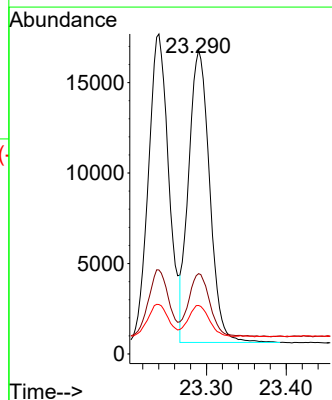
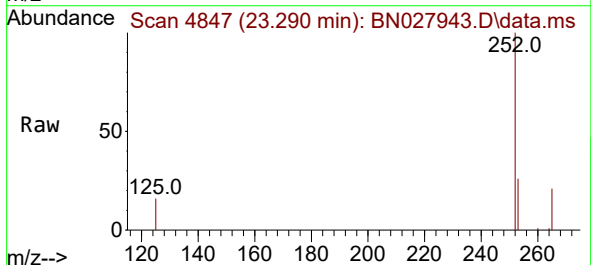


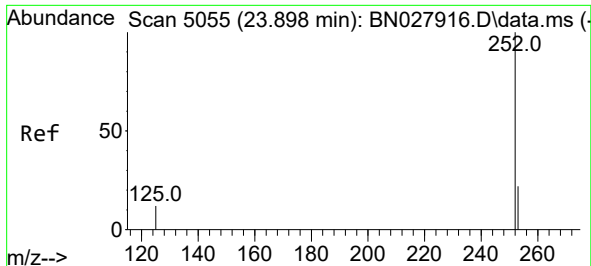
Tgt Ion:252 Resp: 30881
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.2
125 15.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.290 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:252 Resp: 29558
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 16.0 12.6 19.0

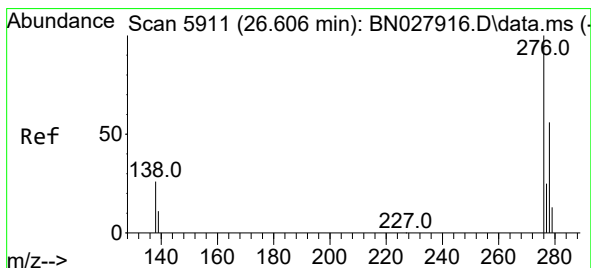
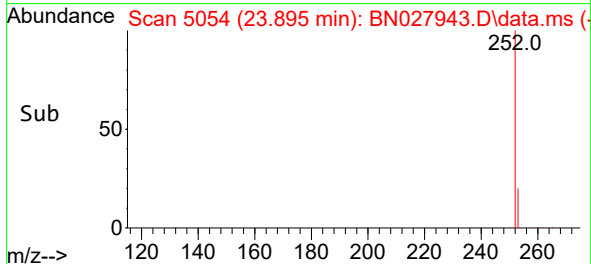
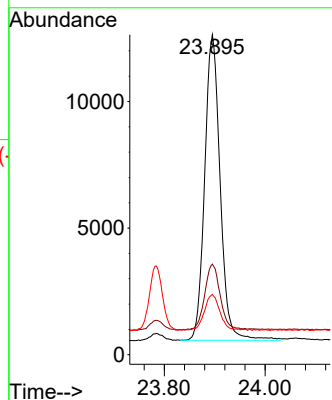
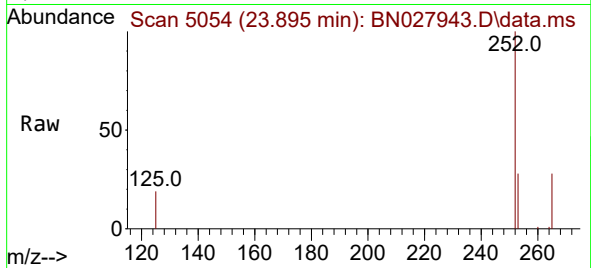




#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.895 min Scan# 5055
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

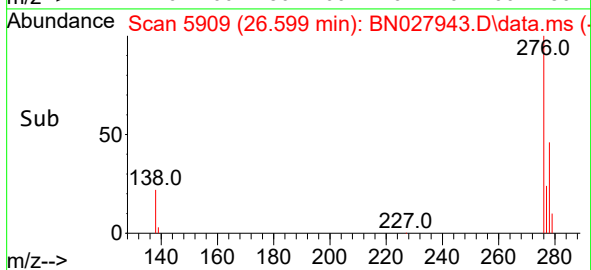
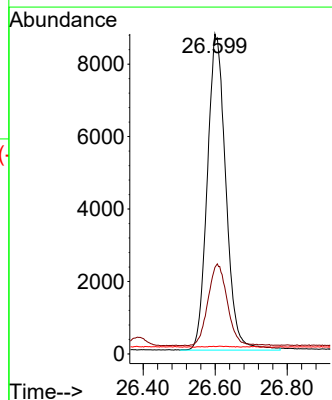
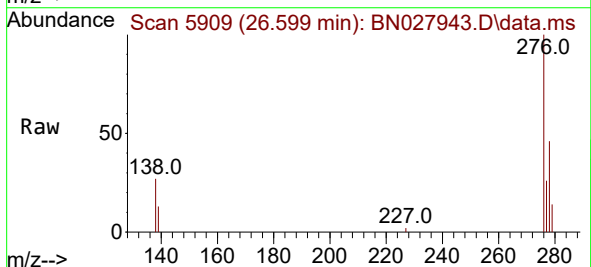
Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

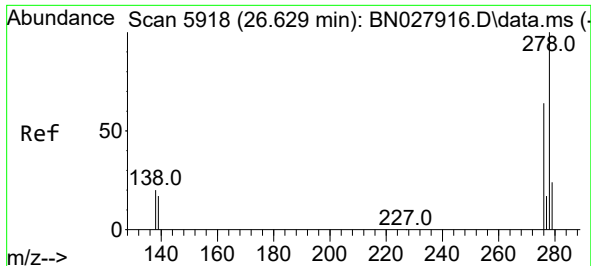
Tgt Ion:252 Resp: 25727
Ion Ratio Lower Upper
252 100
253 28.3 21.9 32.9
125 18.9 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 26.599 min Scan# 5909
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:276 Resp: 31102
Ion Ratio Lower Upper
276 100
138 0.0 24.3 36.5#
227 0.1 0.0 0.0#

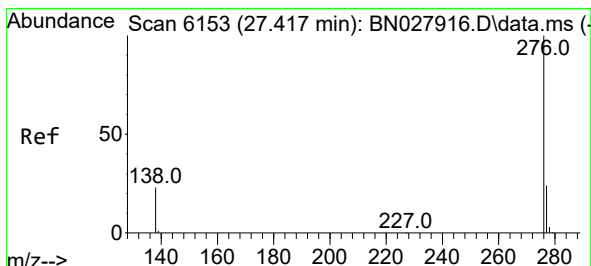
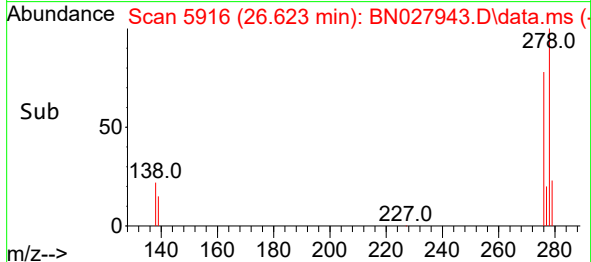
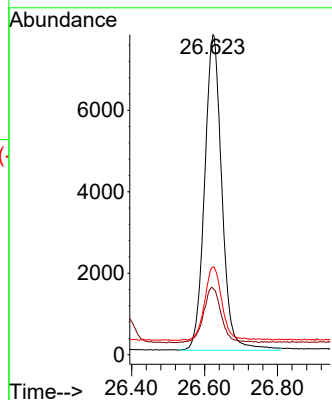
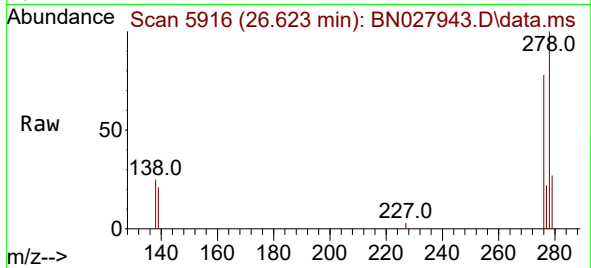




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.623 min Scan# 5918
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4279

Tgt Ion:278 Resp: 25471
Ion Ratio Lower Upper
278 100
139 20.7 17.2 25.8
279 27.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.411 min Scan# 6151
Delta R.T. 0.000 min
Lab File: BN027943.D
Acq: 29 Sep 2023 02:07

Tgt Ion:276 Resp: 25437
Ion Ratio Lower Upper
276 100
138 25.9 21.7 32.5
277 25.2 20.2 30.2

