

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021644.D
 Acq On : 08 Sep 2022 14:46
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Sep 08 15:15:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 14:04:47 2022
 Response via : Initial Calibration

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

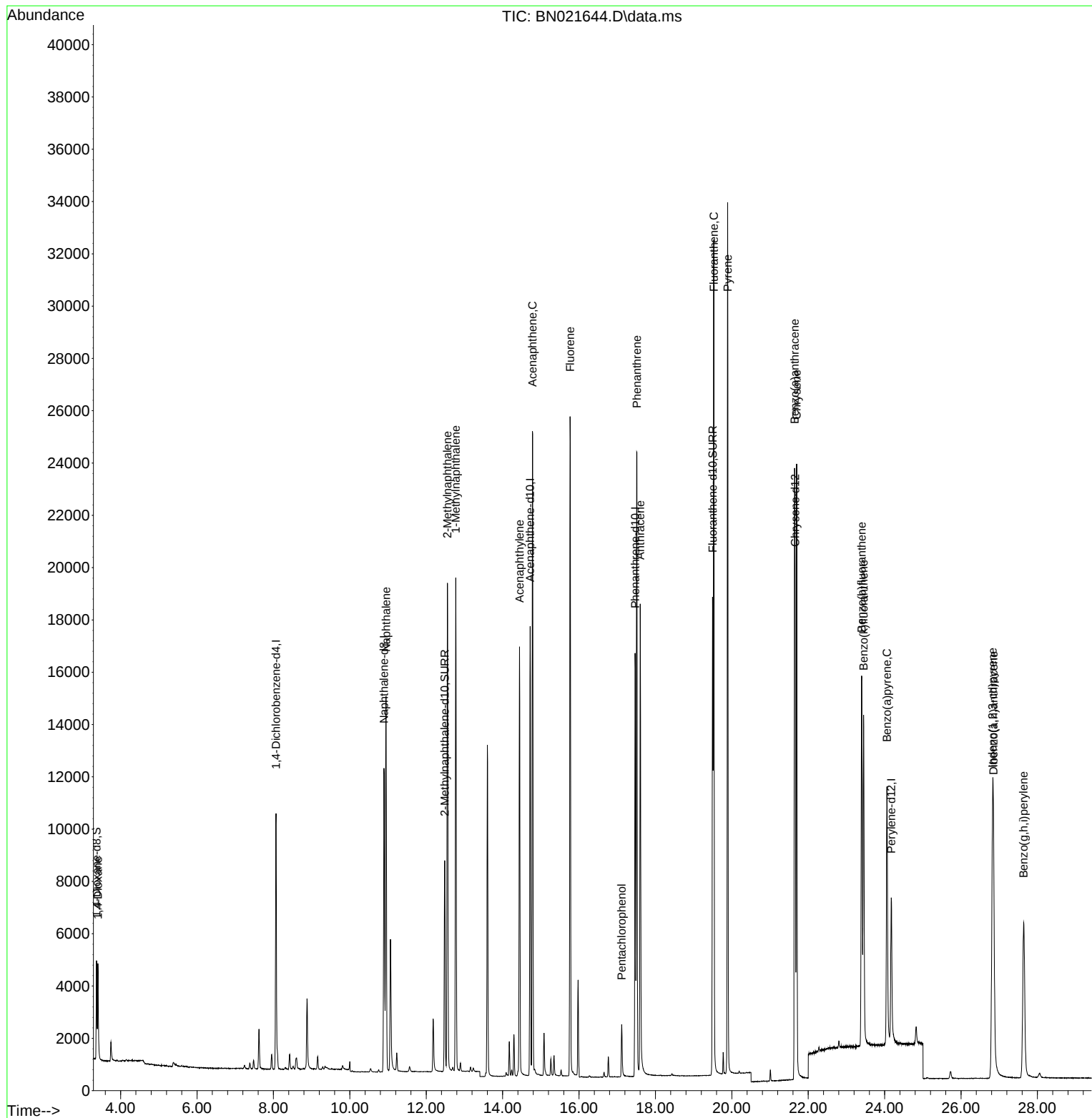
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	5003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	16180	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	9236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	18762	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.659	240	12713	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	8530	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2643	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	10664	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	19645	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	2571	0.407	ng/ul	91
5) Naphthalene	10.949	128	20522	0.450	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	13593	0.458	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	13139	0.432	ng/ul	100
10) Acenaphthylene	14.444	152	18659	0.481	ng/ul	98
11) Acenaphthene	14.781	153	14677	0.447	ng/ul	98
12) Fluorene	15.767	166	16467	0.447	ng/ul	99
14) Pentachlorophenol	17.118	266	1545	0.425	ng/ul	98
15) Phenanthrene	17.514	178	26189	0.442	ng/ul	99
16) Anthracene	17.603	178	21368	0.435	ng/ul	99
19) Fluoranthene	19.529	202	27163	0.458	ng/ul	99
20) Pyrene	19.892	202	27513	0.470	ng/ul	97
21) Benzo(a)anthracene	21.644	228	19162	0.450	ng/ul	99
22) Chrysene	21.697	228	20980	0.452	ng/ul	100
24) Benzo(b)fluoranthene	23.401	252	19451	0.470	ng/ul	97
25) Benzo(k)fluoranthene	23.451	252	18446	0.460	ng/ul	98
26) Benzo(a)pyrene	24.062	252	16136	0.515	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.824	276	17410	0.494	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.851	278	14211	0.475	ng/ul	95
29) Benzo(g,h,i)perylene	27.639	276	14489	0.446	ng/ul	98

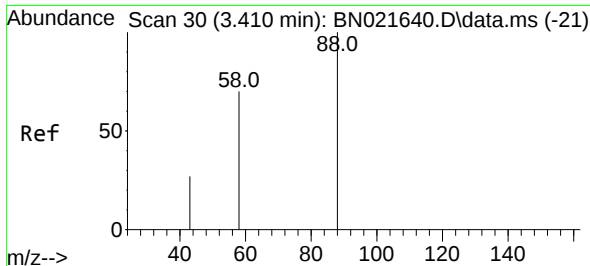
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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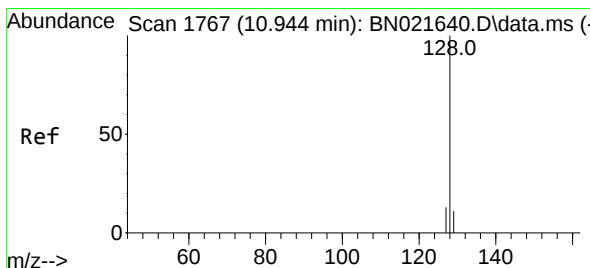
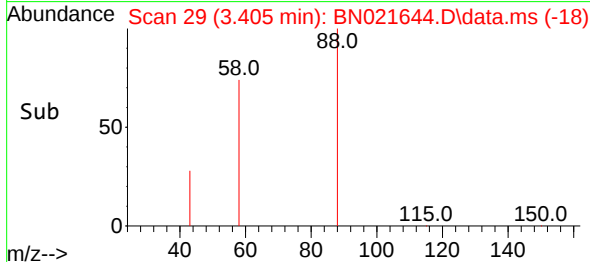
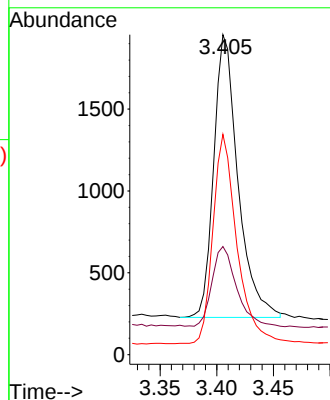
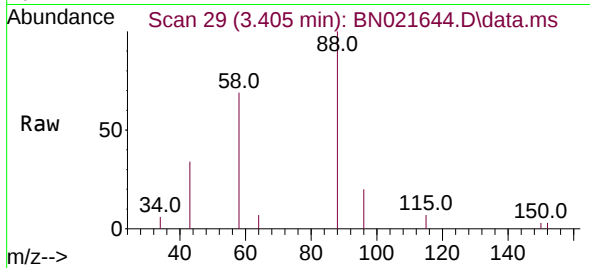




#2
 1,4-Dioxane
 Concen: 0.407 ng/ul
 RT: 3.405 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN021644.D
 Acq: 08 Sep 2022 14:46

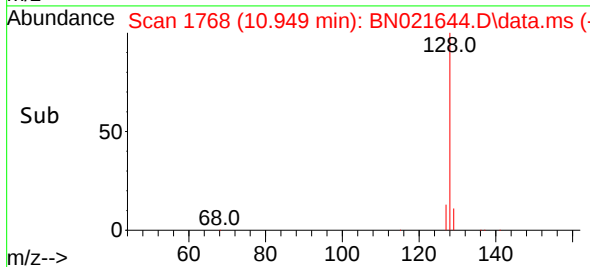
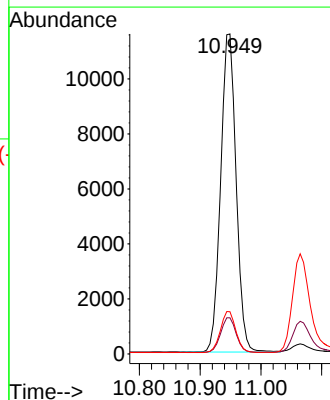
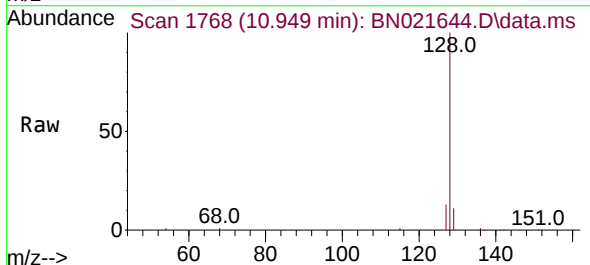
Instrument :
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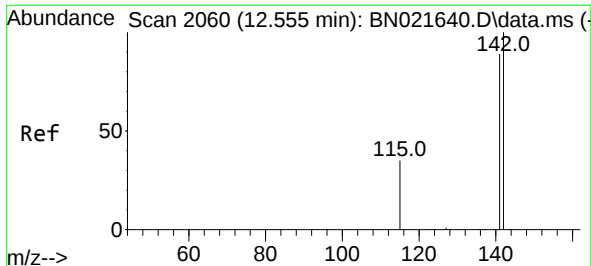
Tgt Ion: 88 Resp: 2571
 Ion Ratio Lower Upper
 88 100
 43 33.8 31.4 47.0
 58 68.8 49.0 73.6



#5
 Naphthalene
 Concen: 0.450 ng/ul
 RT: 10.949 min Scan# 1768
 Delta R.T. 0.005 min
 Lab File: BN021644.D
 Acq: 08 Sep 2022 14:46

Tgt Ion: 128 Resp: 20522
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.8 14.6
 127 13.2 11.6 17.4

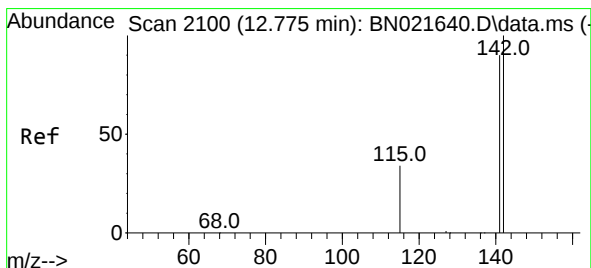
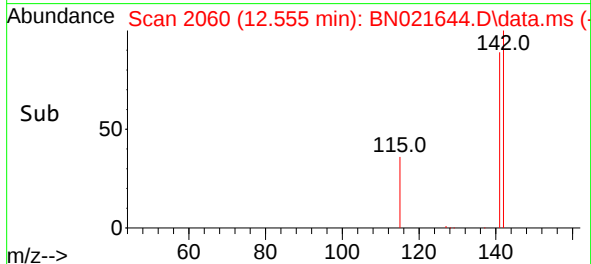
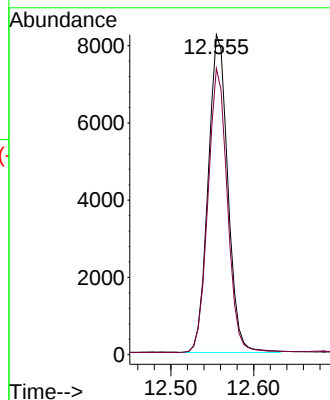
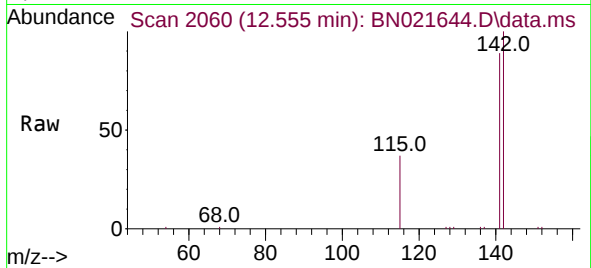




#7
2-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

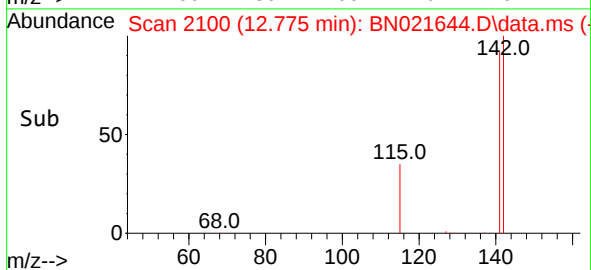
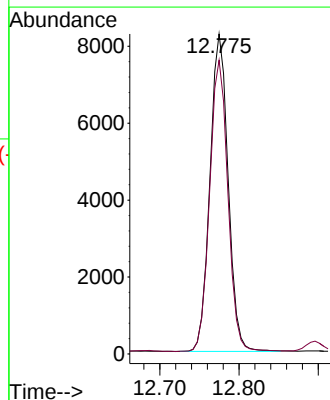
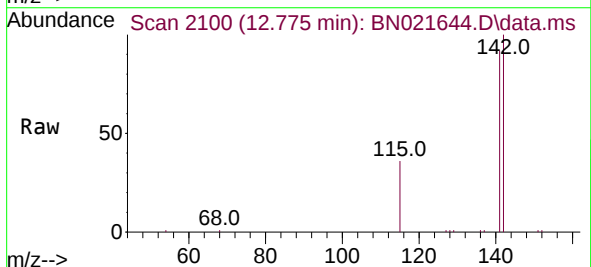
Instrument :
BNA_N
ClientSampleId :
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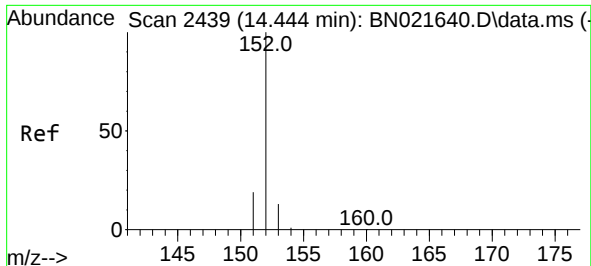
Tgt Ion:142 Resp: 13593
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:142 Resp: 13139
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

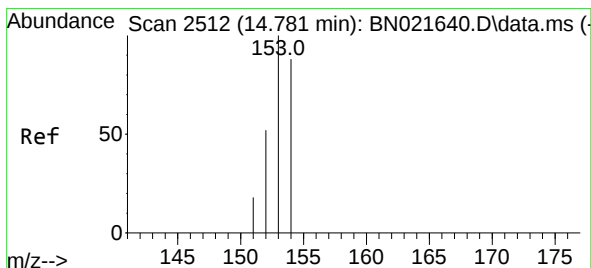
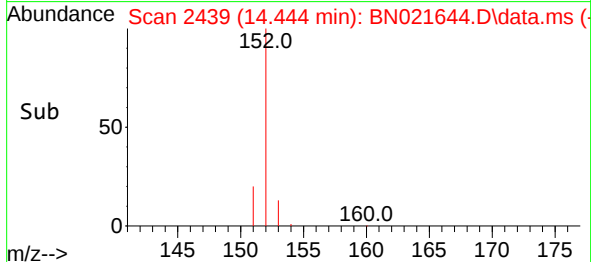
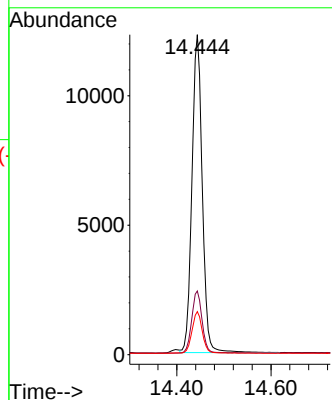
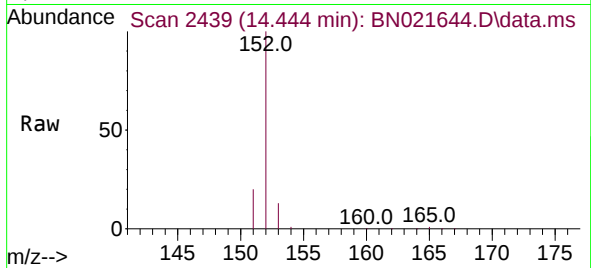




#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 14.444 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

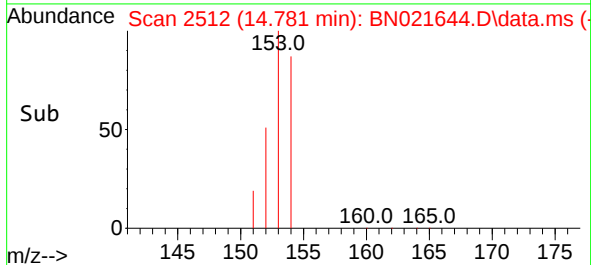
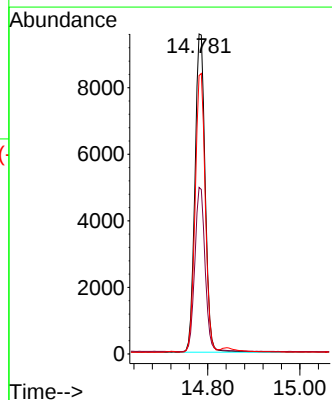
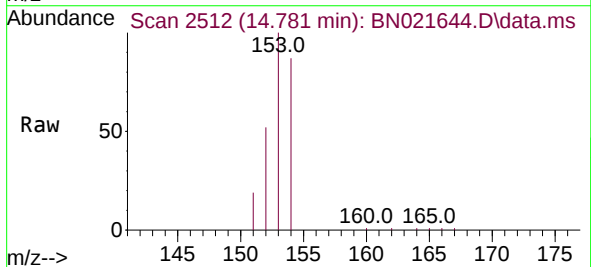
Instrument :
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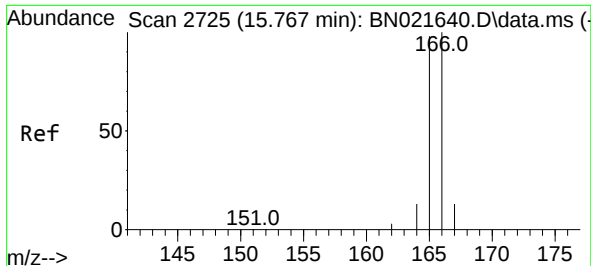
Tgt Ion:152 Resp: 18659
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:153 Resp: 14677
Ion Ratio Lower Upper
153 100
152 52.1 40.2 60.4
154 87.0 70.7 106.1

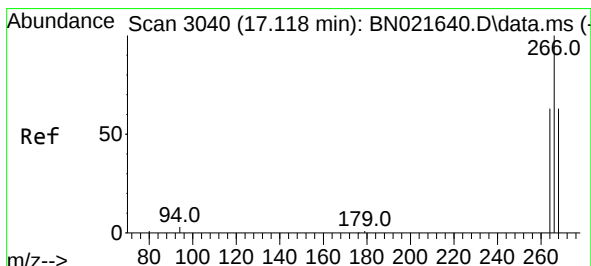
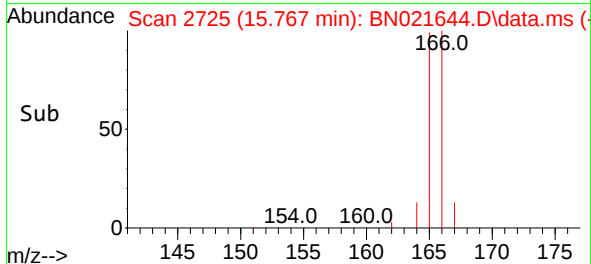
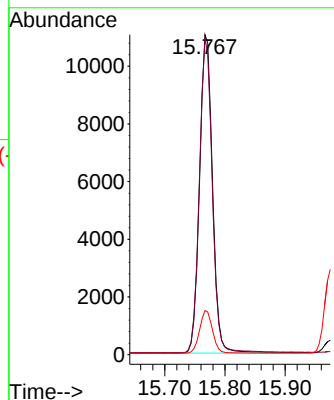
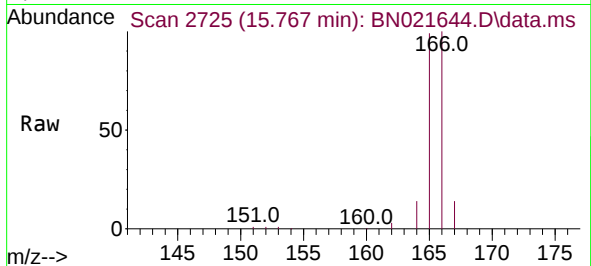




#12
Fluorene
Concen: 0.447 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

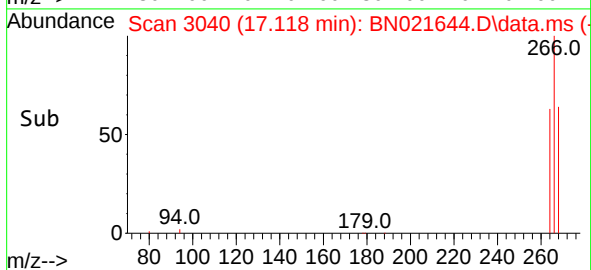
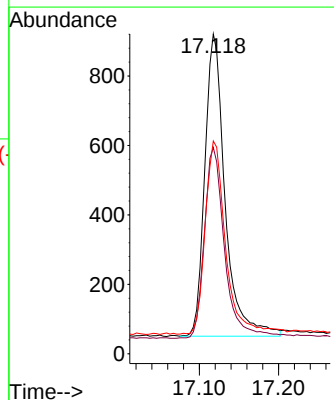
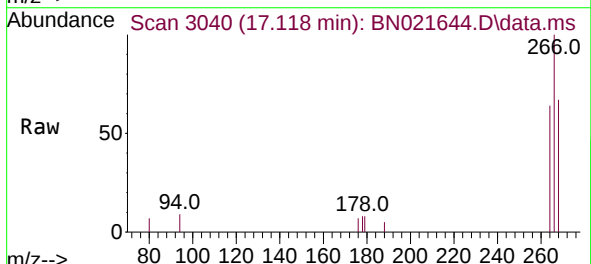
Instrument :
BNA_N
ClientSampleId :
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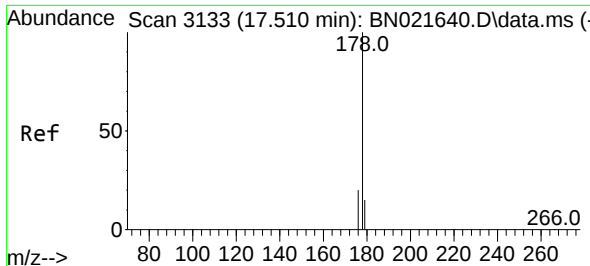
Tgt Ion:166 Resp: 16467
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.425 ng/ul
RT: 17.118 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:266 Resp: 1545
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 64.5 50.6 75.8

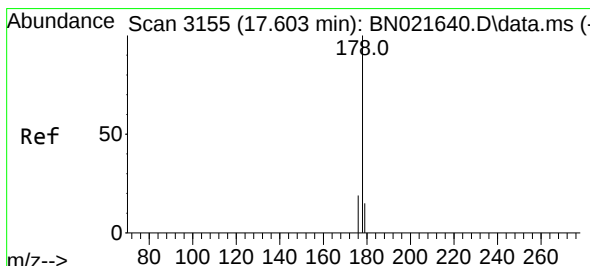
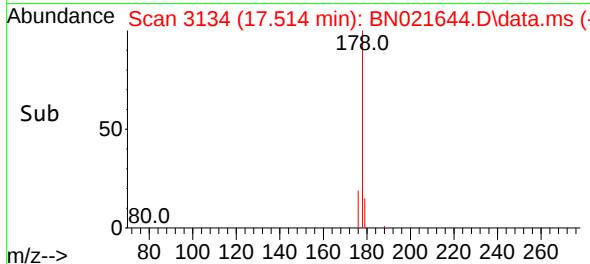
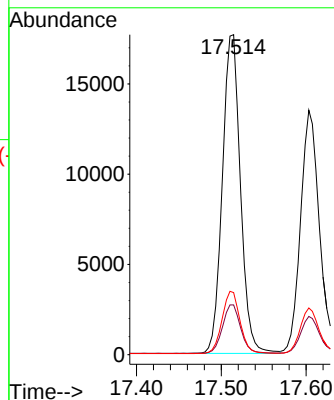
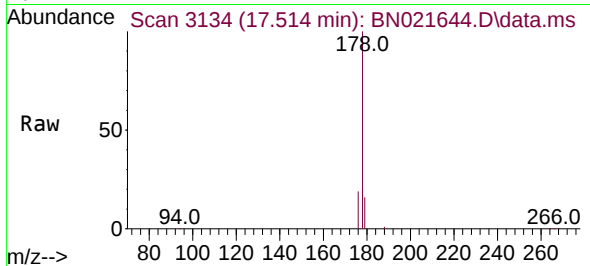




#15
Phenanthrene
Concen: 0.442 ng/u1
RT: 17.514 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

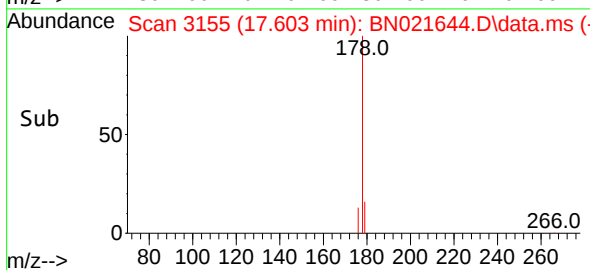
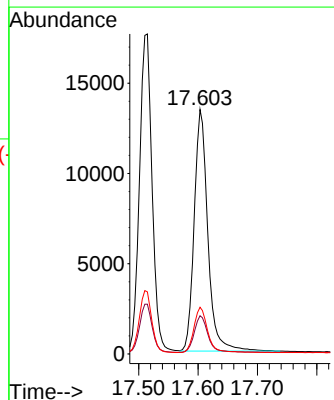
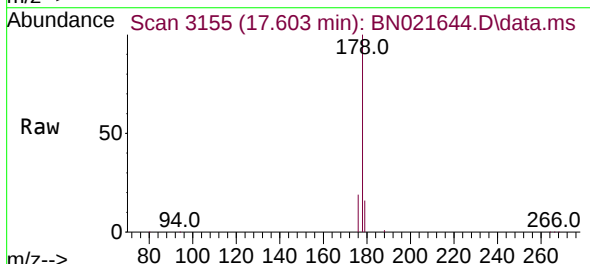
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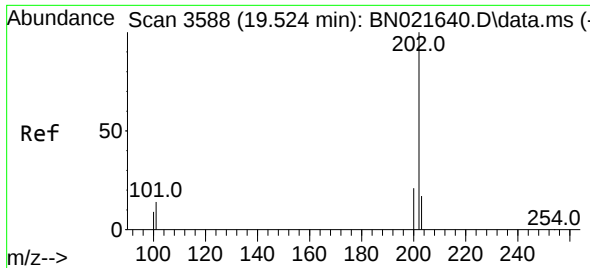
Tgt Ion:178 Resp: 26189
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.435 ng/u1
RT: 17.603 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:178 Resp: 21368
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.1 15.9 23.9

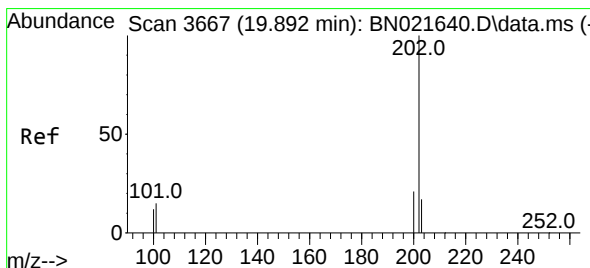
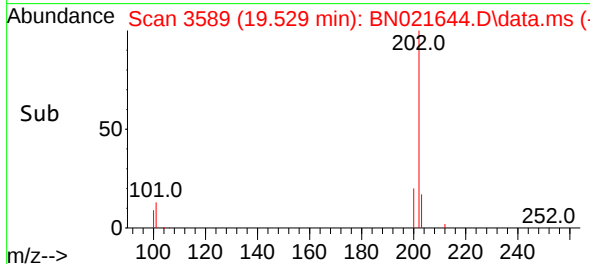
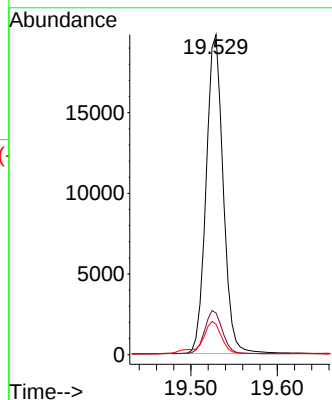
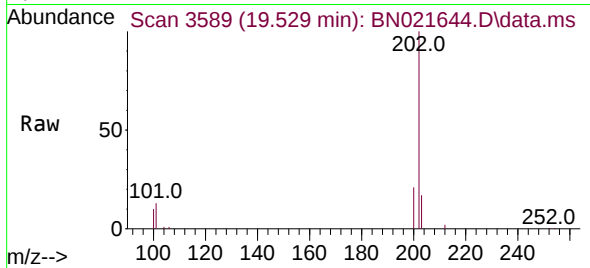




#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.529 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

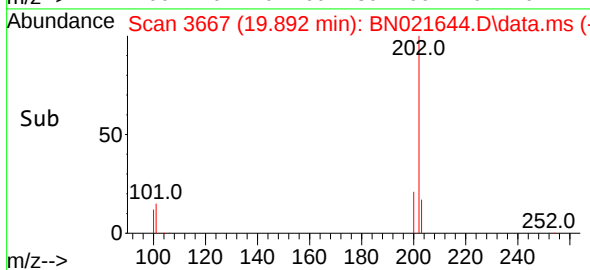
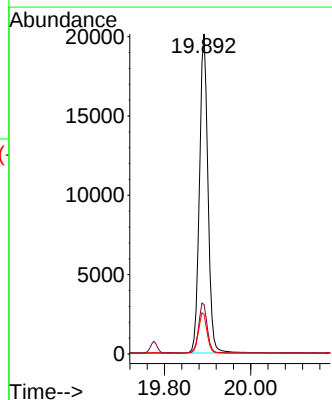
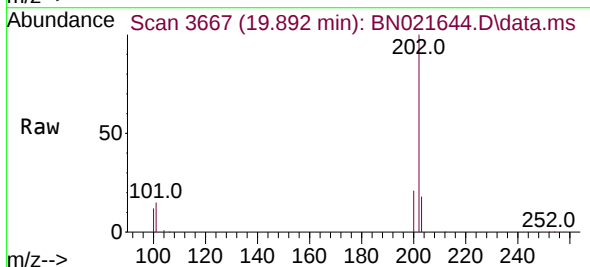
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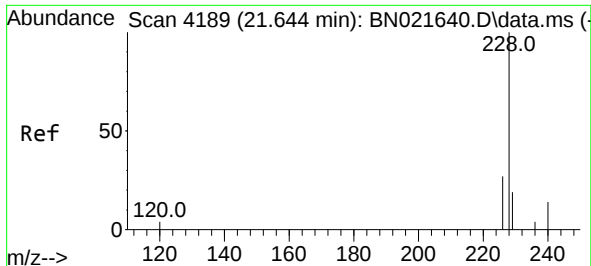
Tgt Ion:202 Resp: 27163
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 9.5 8.0 12.0



#20
Pyrene
Concen: 0.470 ng/ul
RT: 19.892 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:202 Resp: 27513
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 12.3 9.0 13.4

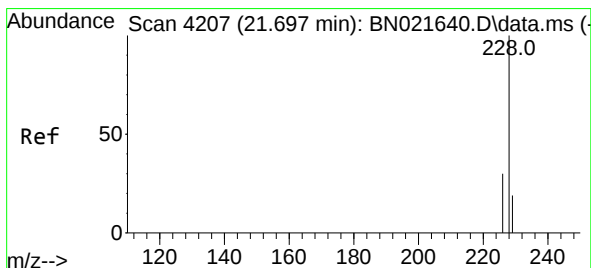
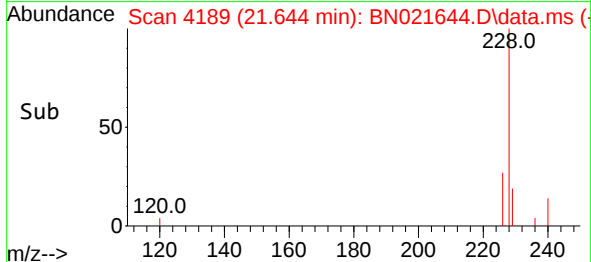
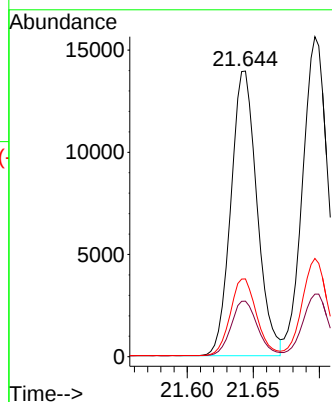
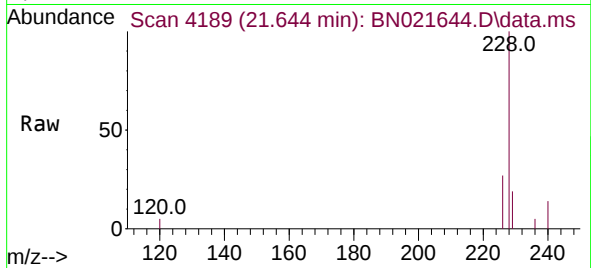




#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.644 min Scan# 4189
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

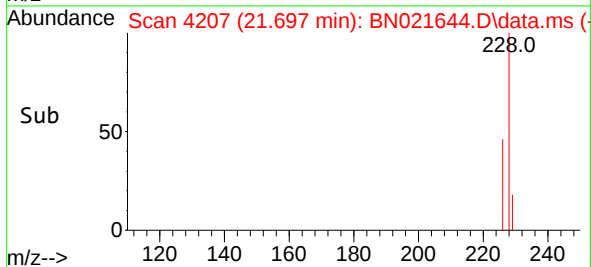
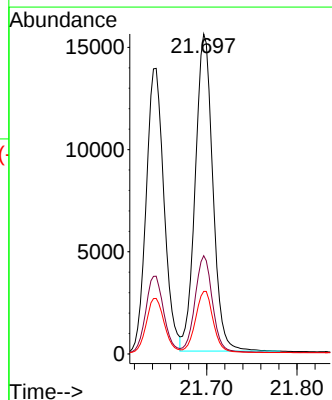
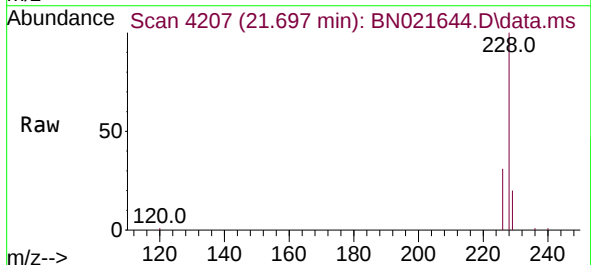
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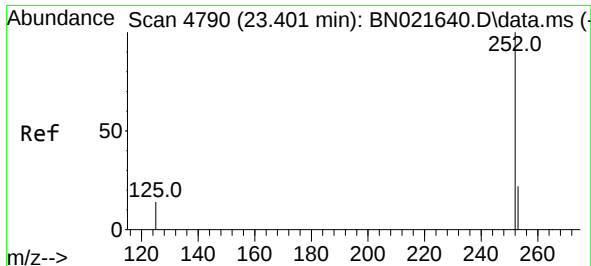
Tgt Ion:228 Resp: 19162
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 27.2 21.9 32.9



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:228 Resp: 20980
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.6 15.8 23.8

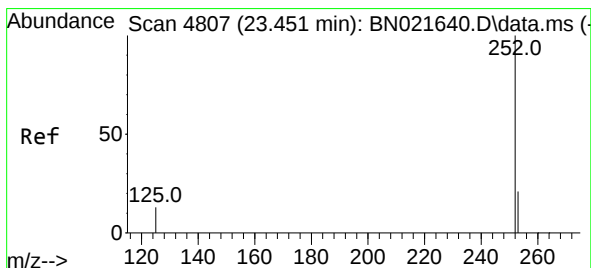
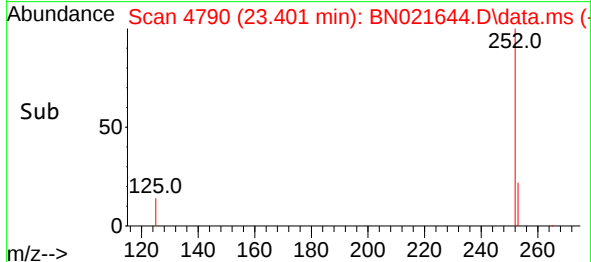
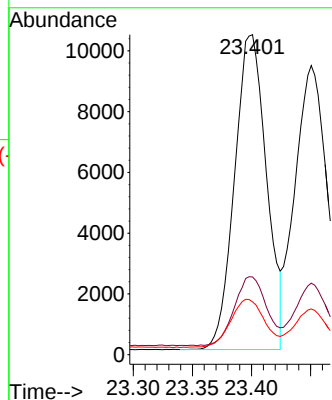
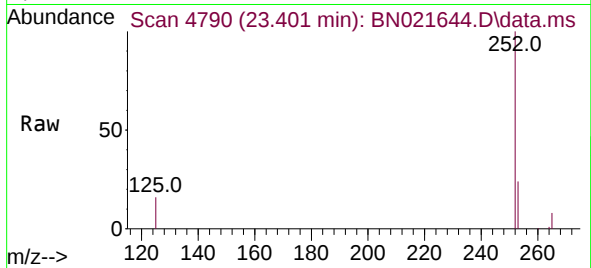




#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul
RT: 23.401 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

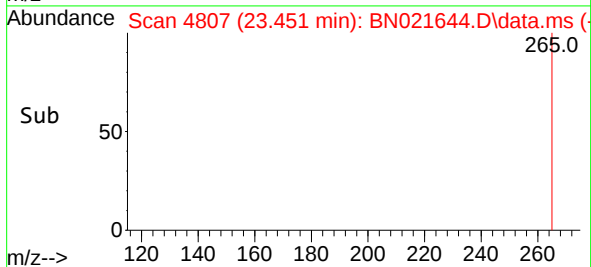
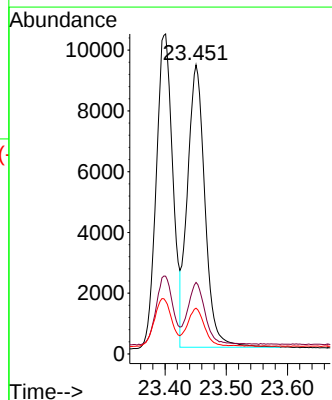
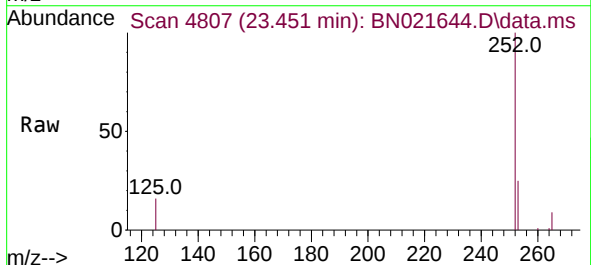
Instrument :
BNA_N
ClientSampleId :
SICV201

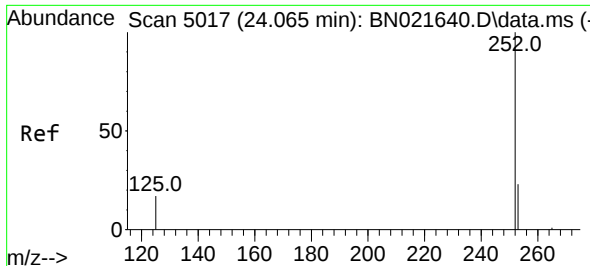
Tgt Ion:252 Resp: 19451
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.8
125 16.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. -0.000 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:252 Resp: 18446
Ion Ratio Lower Upper
252 100
253 24.8 20.6 31.0
125 15.8 11.8 17.6

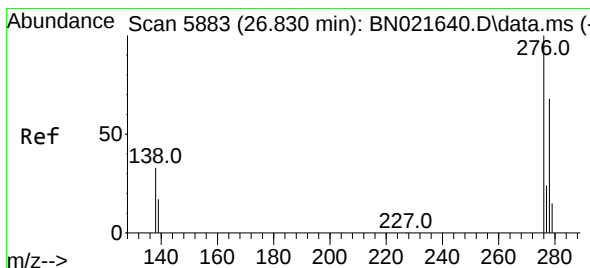
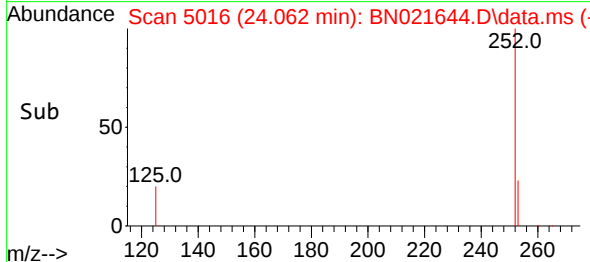
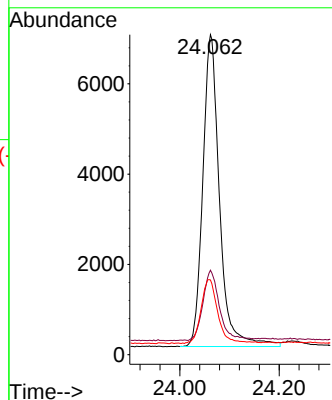
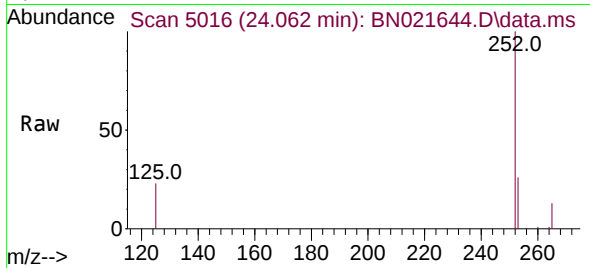




#26
Benzo(a)pyrene
Concen: 0.515 ng/ul
RT: 24.062 min Scan# 5017
Delta R.T. -0.003 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

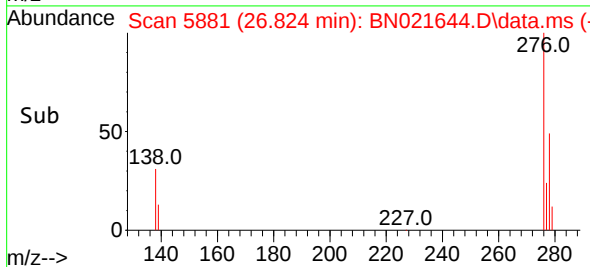
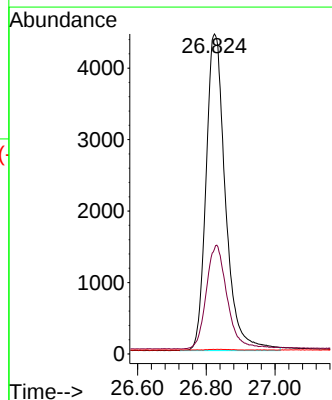
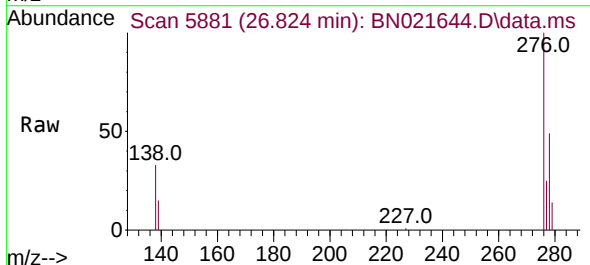
Instrument :
BNA_N
ClientSampleId :
SICV201

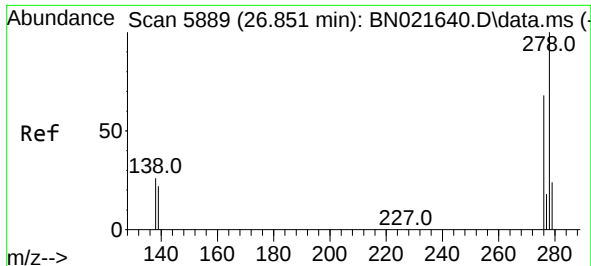
Tgt Ion:252 Resp: 16136
Ion Ratio Lower Upper
252 100
253 26.4 22.1 33.1
125 23.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng/ul
RT: 26.824 min Scan# 5881
Delta R.T. -0.007 min
Lab File: BN021644.D
Acq: 08 Sep 2022 14:46

Tgt Ion:276 Resp: 17410
Ion Ratio Lower Upper
276 100
138 35.4 26.1 39.1
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.475 ng/ul

RT: 26.851 min Scan# 5889

Delta R.T. -0.000 min

Lab File: BN021644.D

Acq: 08 Sep 2022 14:46

Instrument :

BNA_N

ClientSampleId :

SICV201

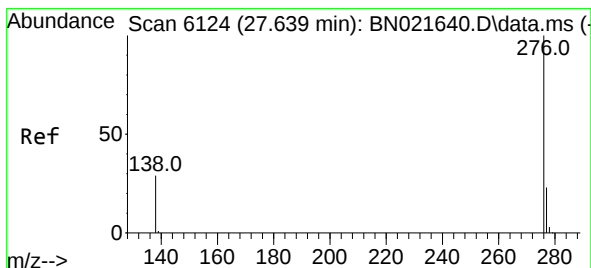
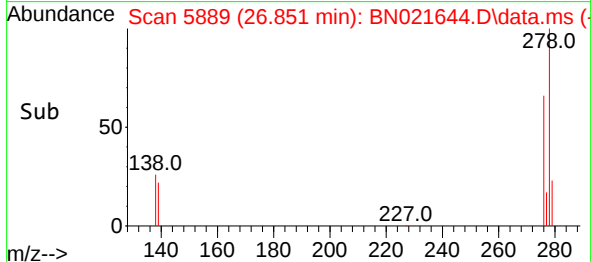
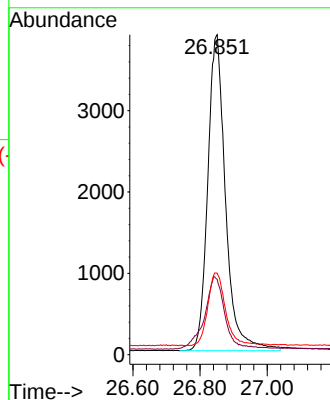
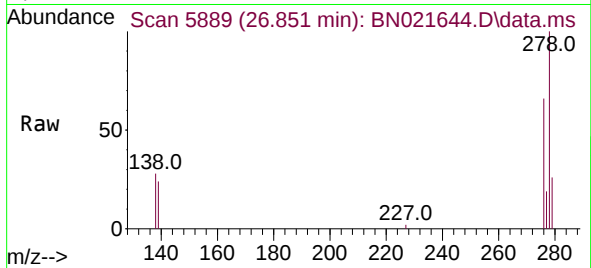
Tgt Ion:278 Resp: 14211

Ion Ratio Lower Upper

278 100

139 23.5 18.3 27.5

279 25.5 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.446 ng/ul

RT: 27.639 min Scan# 6124

Delta R.T. -0.000 min

Lab File: BN021644.D

Acq: 08 Sep 2022 14:46

Tgt Ion:276 Resp: 14489

Ion Ratio Lower Upper

276 100

138 30.5 22.6 34.0

277 25.3 20.2 30.2

