

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021640.D
 Acq On : 08 Sep 2022 11:38
 Operator : CG/JU
 Sample : SST0.442
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4246

Quant Time: Sep 08 13:40:58 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 13:38:06 2022
 Response via : Initial Calibration

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

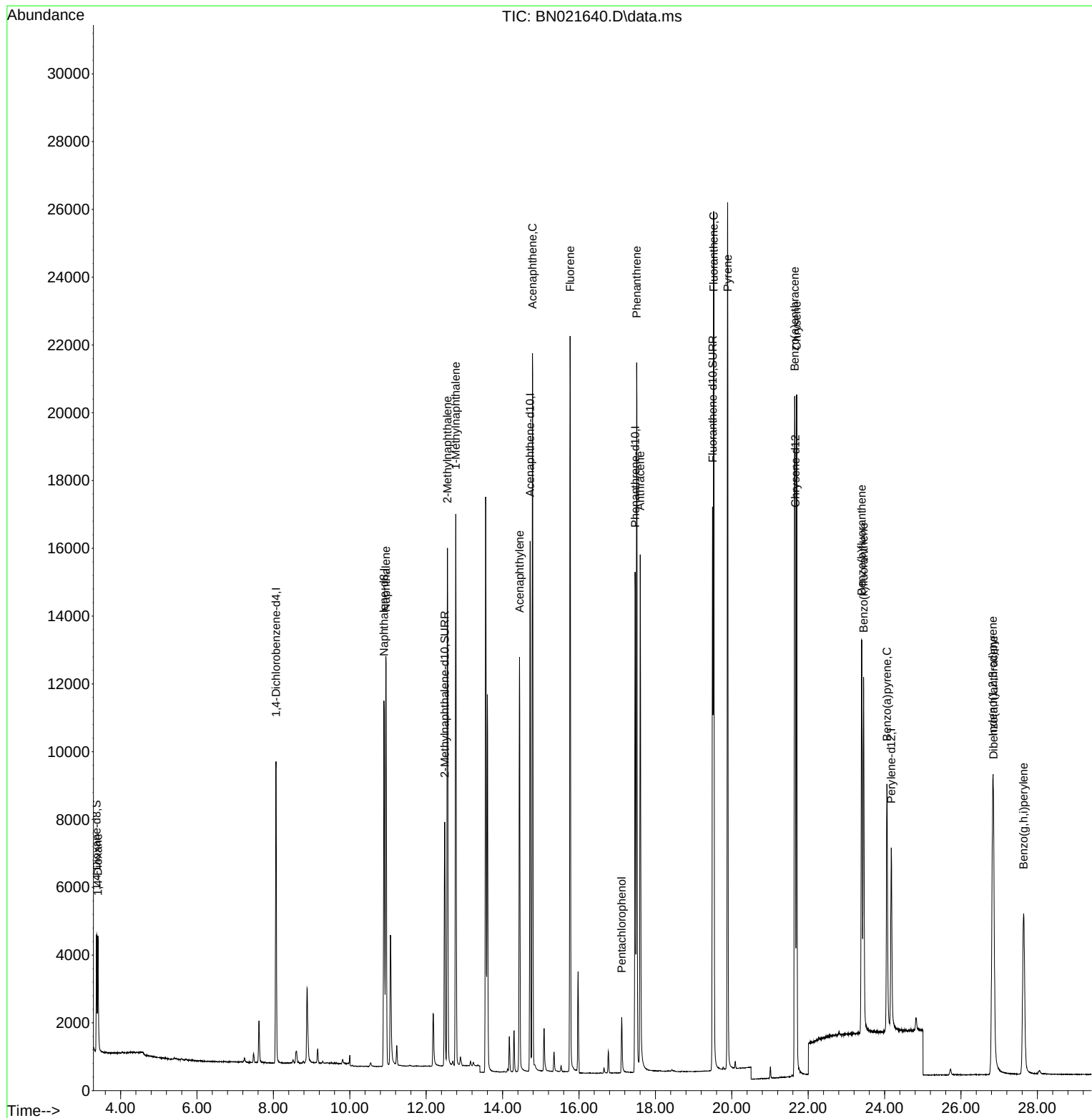
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	4689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	15043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	8584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	17675	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	12048	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	8079	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2359	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	9641	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	18041	0.486	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	2469	0.390	ng/ul	93
5) Naphthalene	10.944	128	17220	0.362	ng/ul	98
7) 2-Methylnaphthalene	12.555	142	11120	0.373	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	11483	0.411	ng/ul	99
10) Acenaphthylene	14.444	152	14472	0.327	ng/ul	98
11) Acenaphthene	14.781	153	12437	0.367	ng/ul	98
12) Fluorene	15.767	166	13939	0.368	ng/ul	100
14) Pentachlorophenol	17.118	266	1272	0.652	ng/ul	99
15) Phenanthrene	17.510	178	22447	0.343	ng/ul	99
16) Anthracene	17.603	178	18363	0.350	ng/ul	99
19) Fluoranthene	19.524	202	22639	0.396	ng/ul	96
20) Pyrene	19.892	202	22267	0.390	ng/ul	98
21) Benzo(a)anthracene	21.644	228	15796	0.378	ng/ul	100
22) Chrysene	21.697	228	17636	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.401	252	15605	0.450	ng/ul	98
25) Benzo(k)fluoranthene	23.451	252	14963	0.400	ng/ul	98
26) Benzo(a)pyrene	24.065	252	12074	0.369	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.830	276	13555	0.353	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.851	278	11401	0.361	ng/ul	96
29) Benzo(g,h,i)perylene	27.639	276	11944	0.313	ng/ul	97

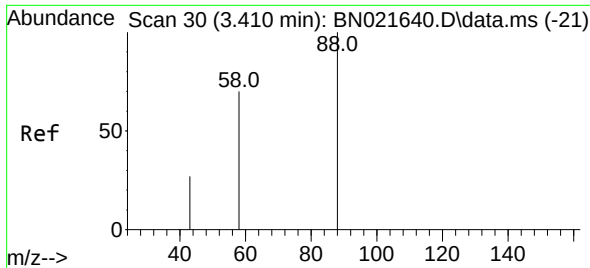
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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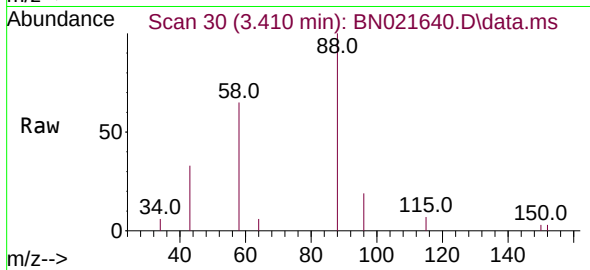
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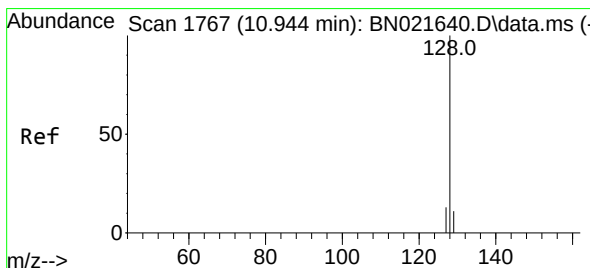
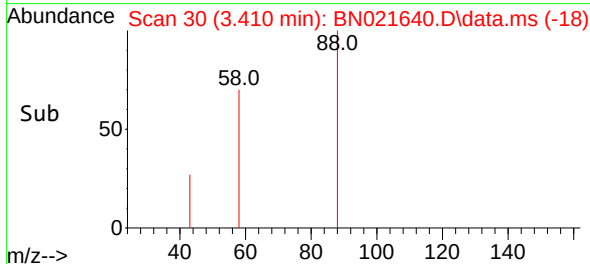
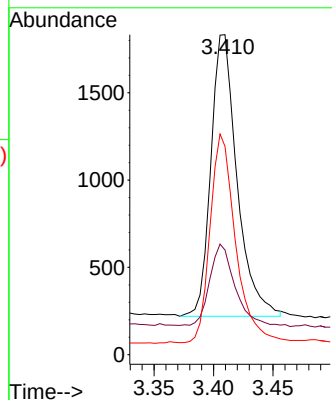
#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.410 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246



Tgt Ion: 88 Resp: 2469

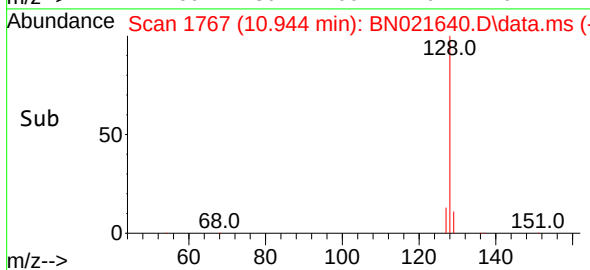
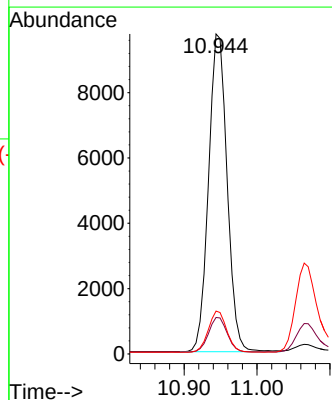
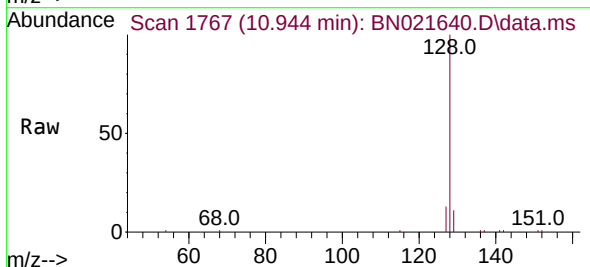
Ion	Ratio	Lower	Upper
88	100		
43	32.7	31.4	47.0
58	65.1	49.0	73.6

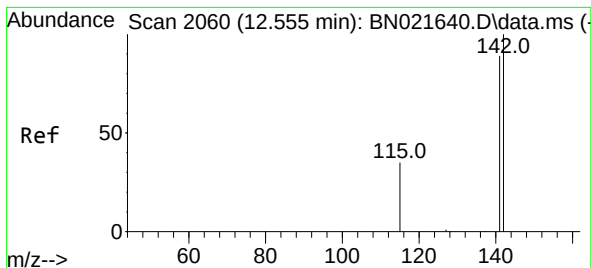


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion: 128 Resp: 17220

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.4	11.6	17.4

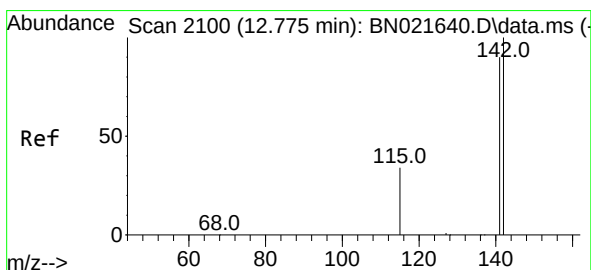
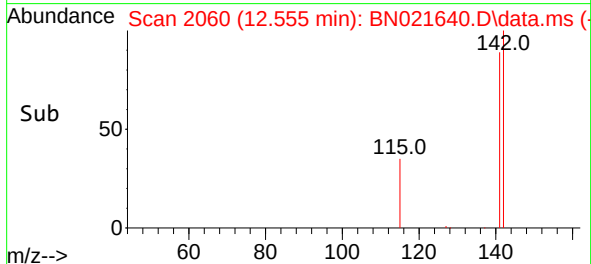
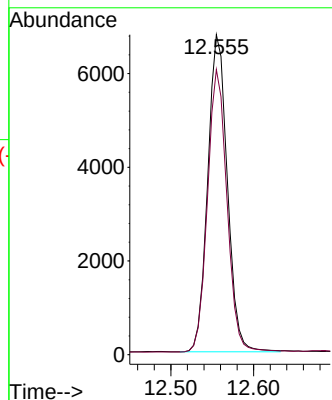
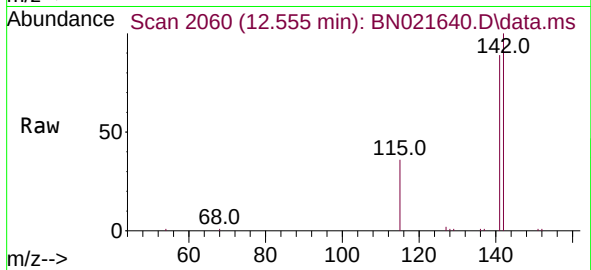




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

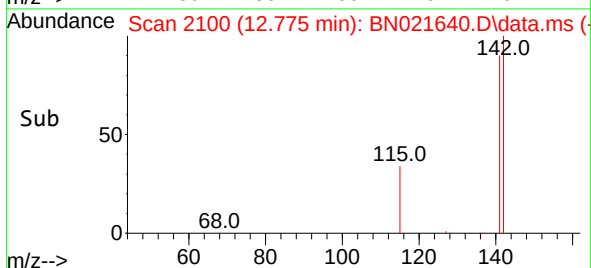
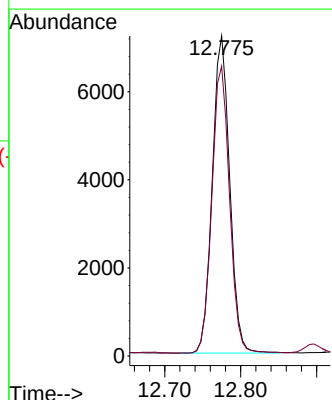
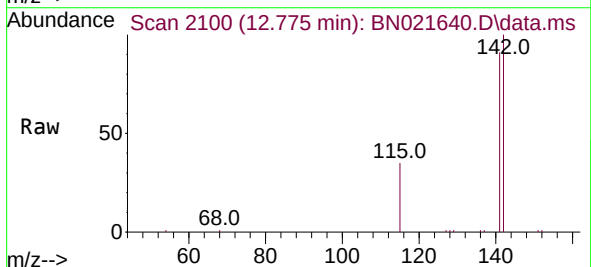
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

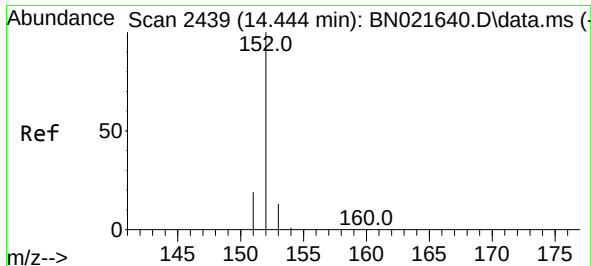
Tgt Ion:142 Resp: 11120
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:142 Resp: 11483
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9

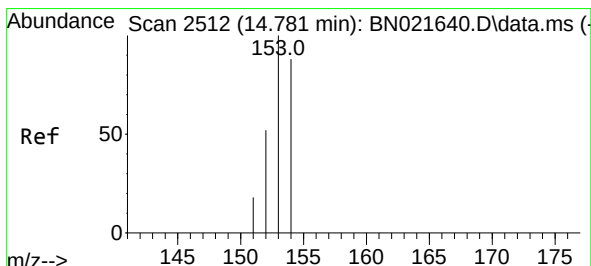
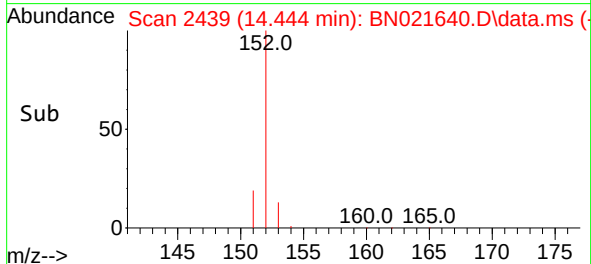
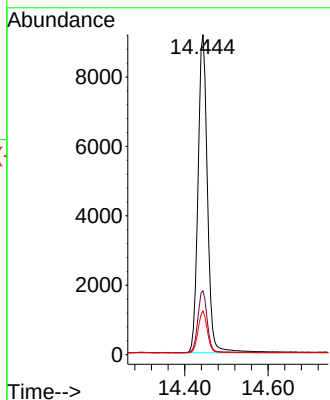
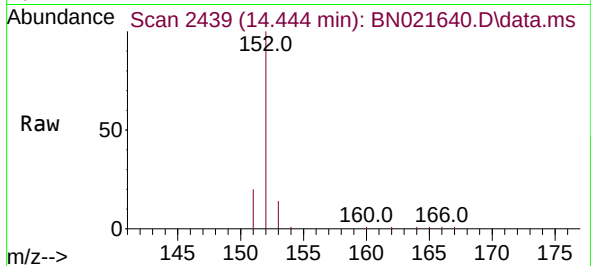




#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.444 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

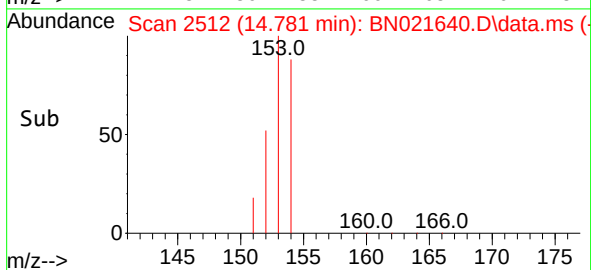
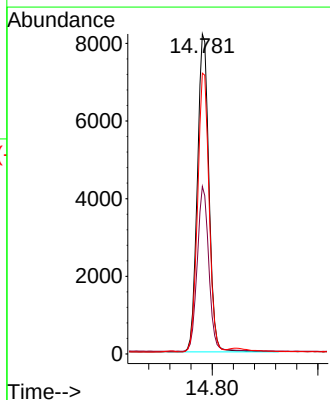
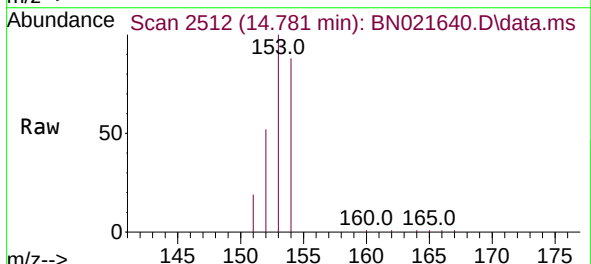
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

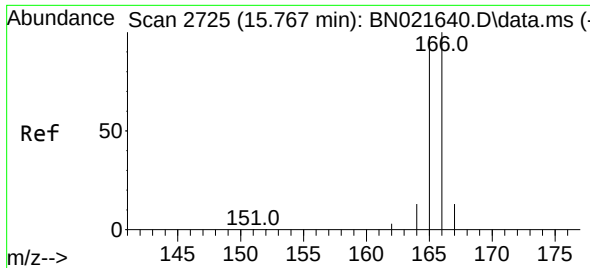
Tgt Ion:152 Resp: 14472
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:153 Resp: 12437
Ion Ratio Lower Upper
153 100
152 52.4 40.2 60.4
154 87.7 70.7 106.1

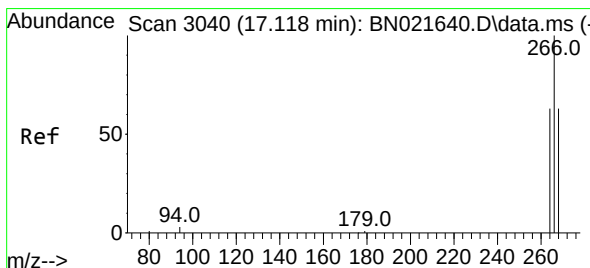
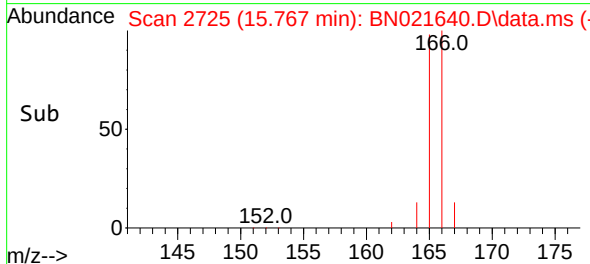
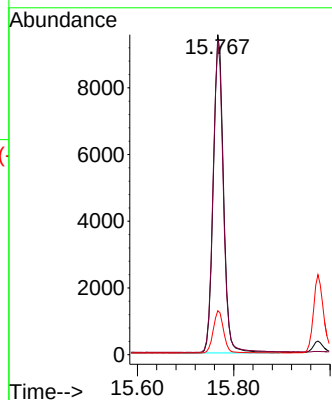
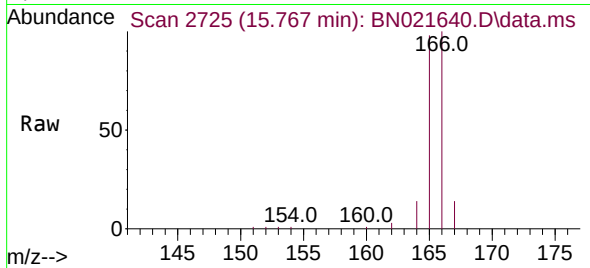




#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

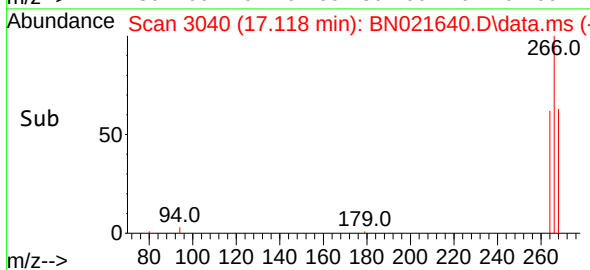
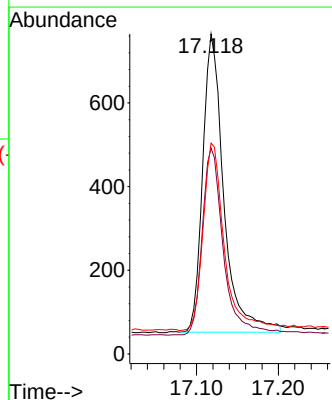
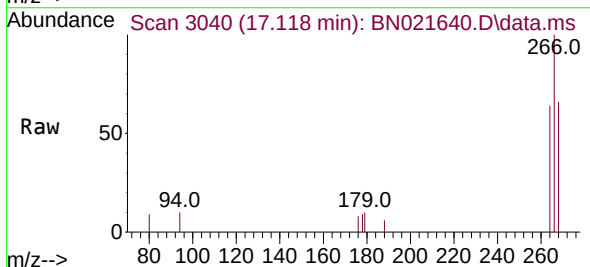
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

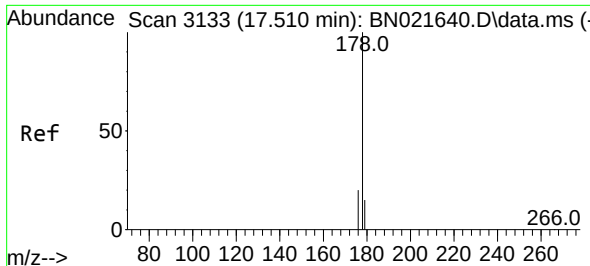
Tgt Ion:166 Resp: 13939
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.652 ng/ul
RT: 17.118 min Scan# 3040
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:266 Resp: 1272
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 63.8 50.6 75.8

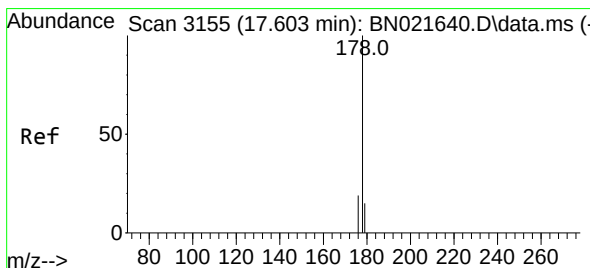
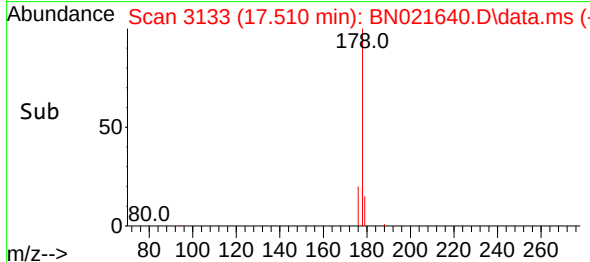
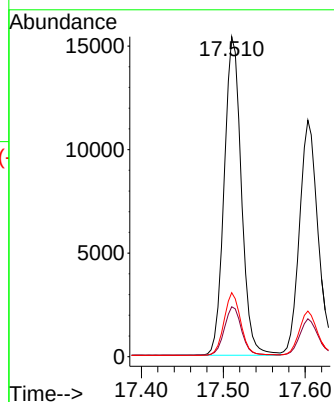
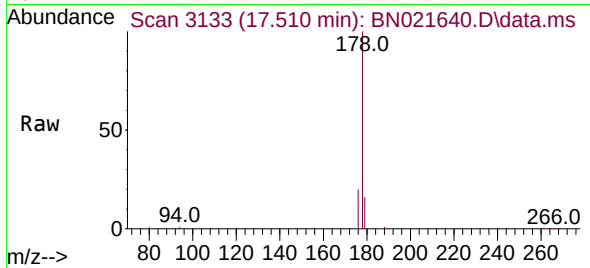




#15
Phenanthrene
Concen: 0.343 ng/u1
RT: 17.510 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

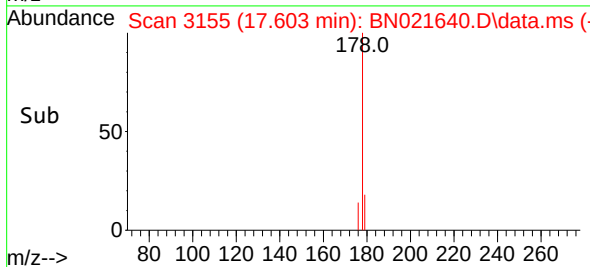
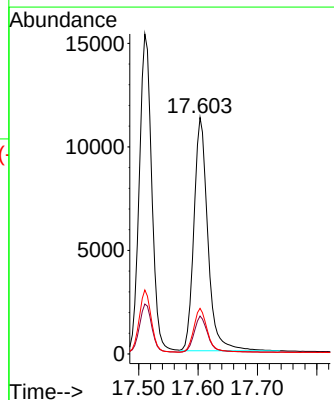
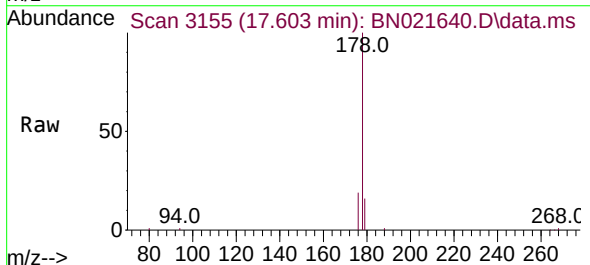
Instrument :
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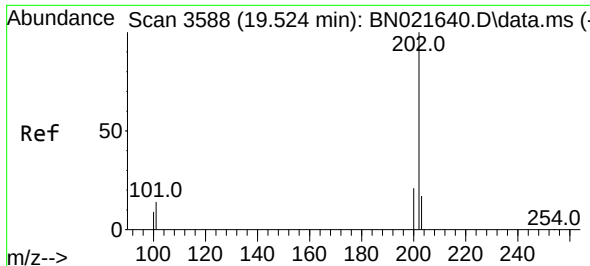
Tgt Ion:	178	Resp:	22447
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	20.0	15.9	23.9



#16
Anthracene
Concen: 0.350 ng/u1
RT: 17.603 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:	178	Resp:	18363
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	19.3	15.9	23.9

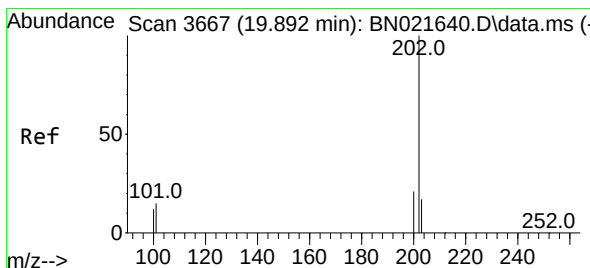
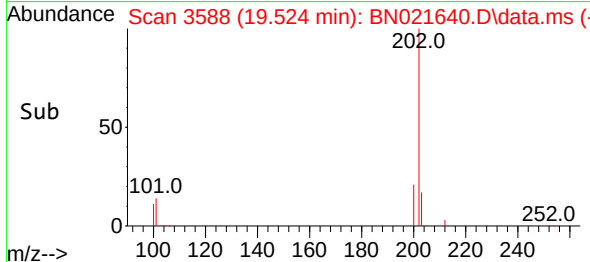
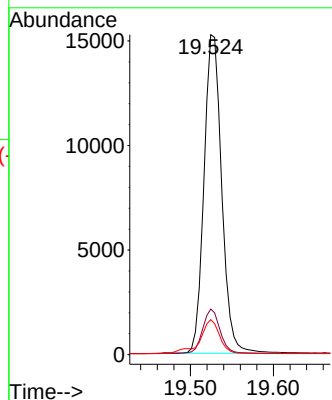
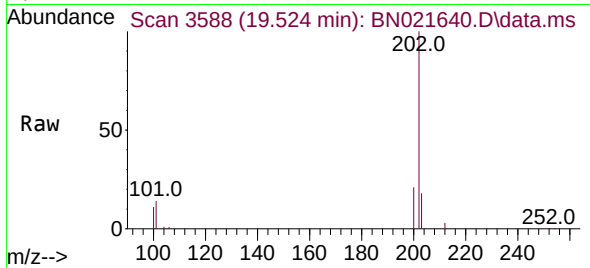




#19
Fluoranthene
Concen: 0.396 ng/u1
RT: 19.524 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

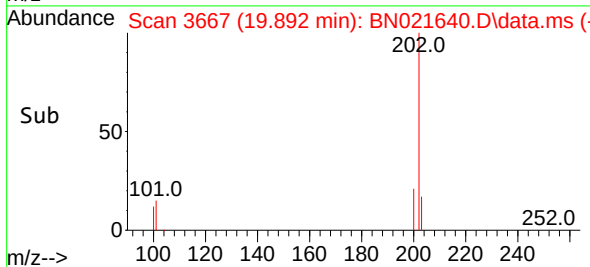
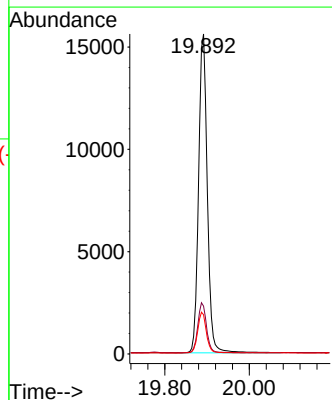
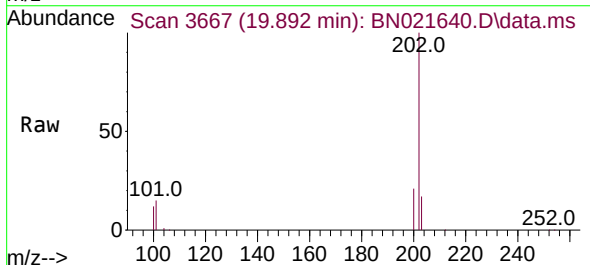
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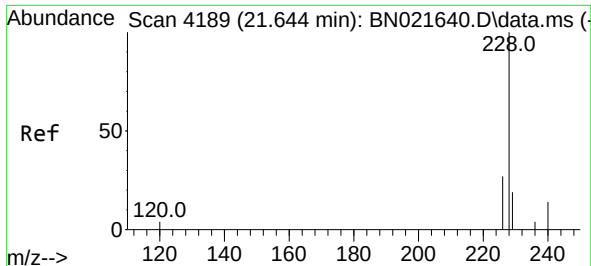
Tgt Ion:202 Resp: 22639
Ion Ratio Lower Upper
202 100
101 14.3 10.0 15.0
100 10.9 8.0 12.0



#20
Pyrene
Concen: 0.390 ng/u1
RT: 19.892 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:202 Resp: 22267
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.3 9.0 13.4

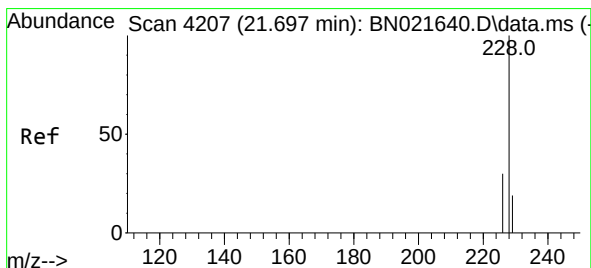
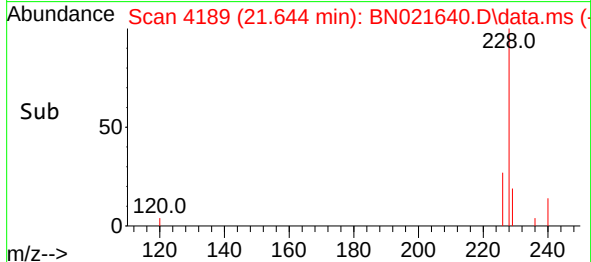
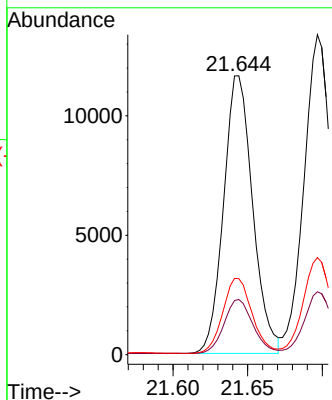
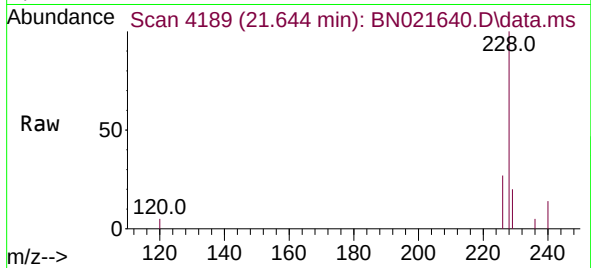




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.644 min Scan# 4189
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

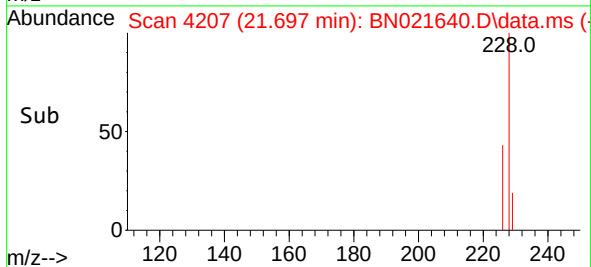
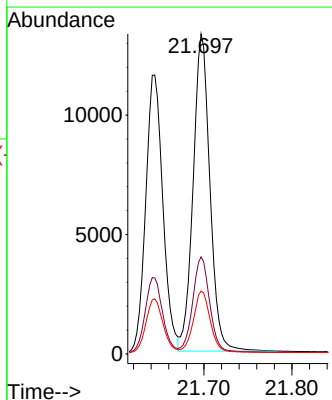
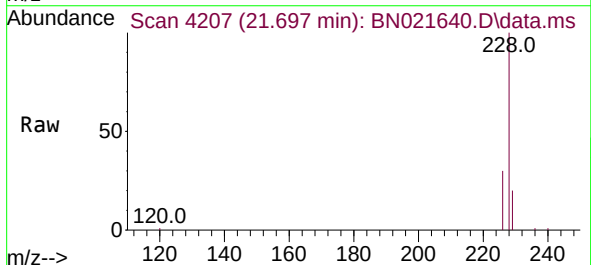
Instrument :
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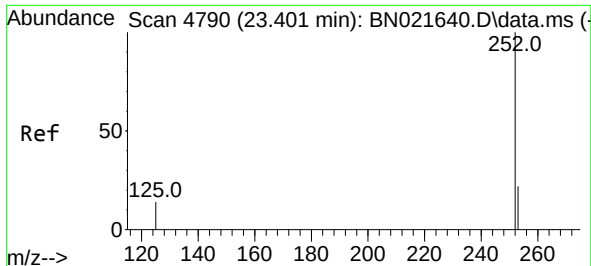
Tgt Ion:228 Resp: 15796
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.3 21.9 32.9



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:228 Resp: 17636
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.6 15.8 23.8

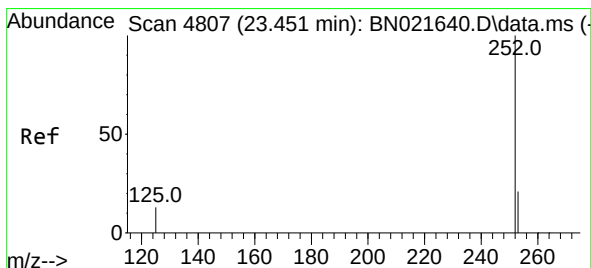
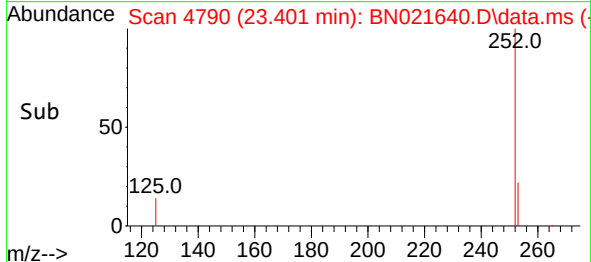
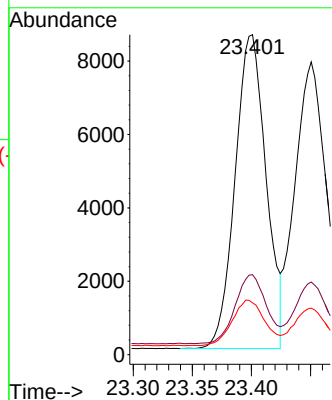
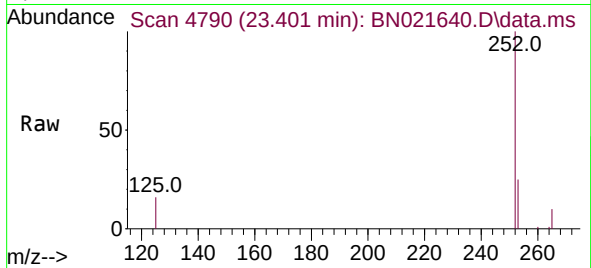




#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.401 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

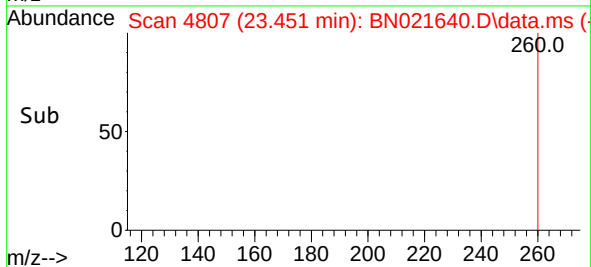
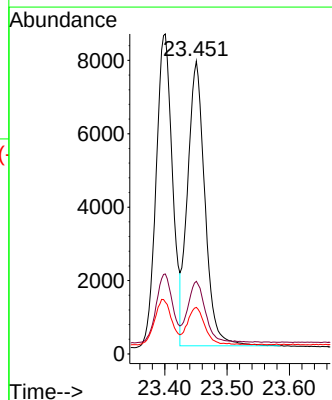
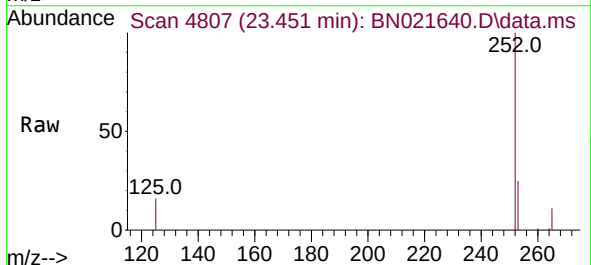
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

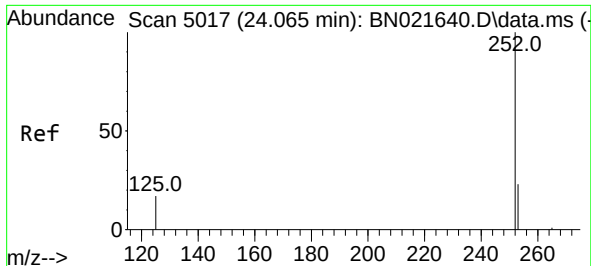
Tgt Ion:252 Resp: 15605
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.8
125 16.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:252 Resp: 14963
Ion Ratio Lower Upper
252 100
253 24.8 20.6 31.0
125 15.9 11.8 17.6

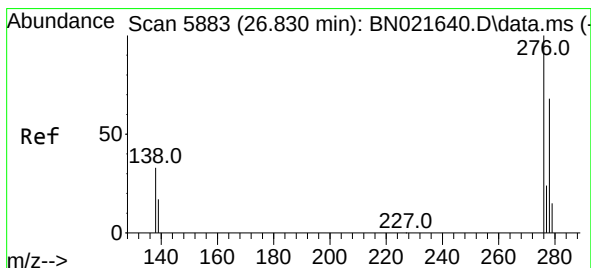
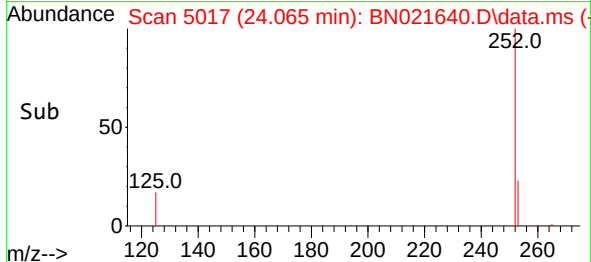
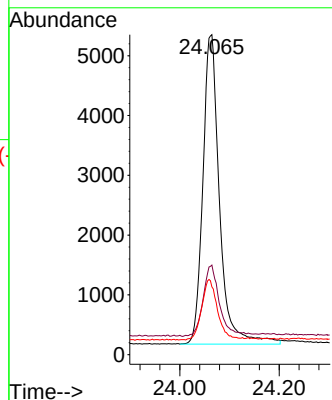
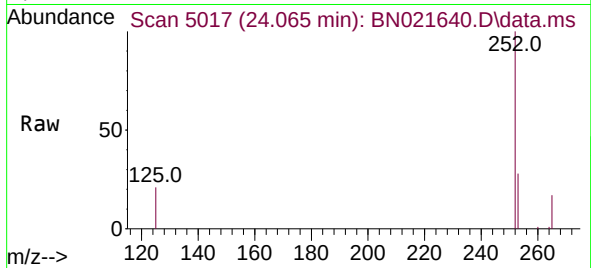




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 24.065 min Scan# 5017
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

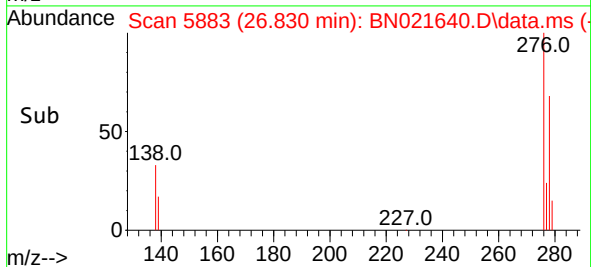
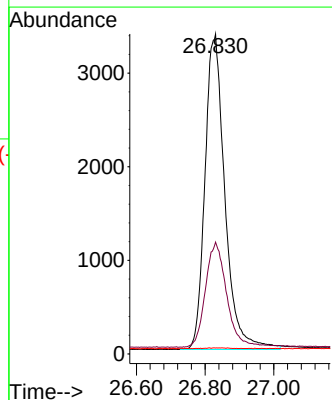
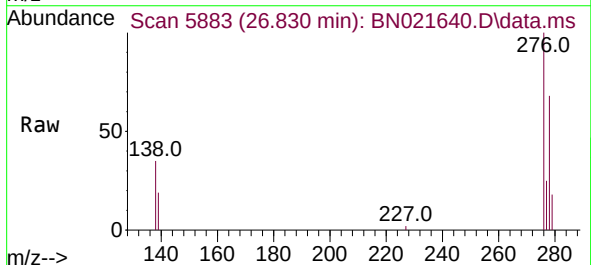
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

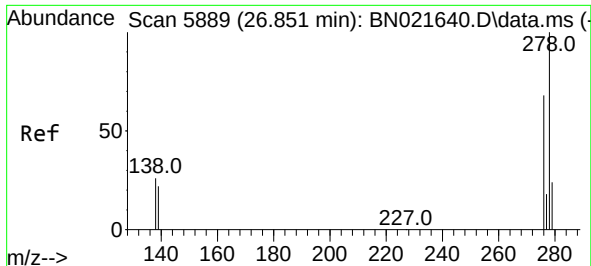
Tgt Ion:252 Resp: 12074
Ion Ratio Lower Upper
252 100
253 28.0 22.1 33.1
125 21.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.830 min Scan# 5883
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion:276 Resp: 13555
Ion Ratio Lower Upper
276 100
138 35.6 26.1 39.1
227 0.1 0.1 0.1#

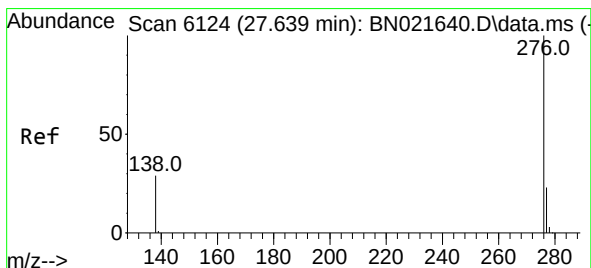
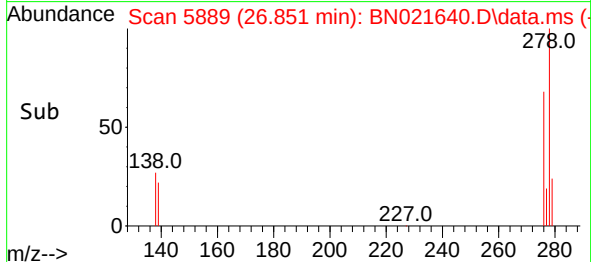
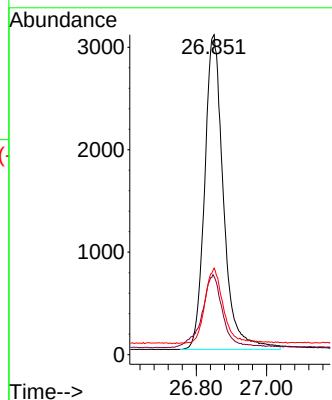
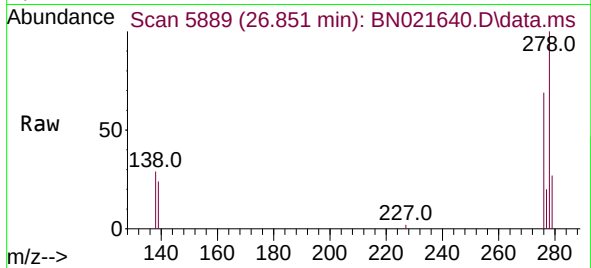




#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.851 min Scan# 5889
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion: 278 Resp: 11401
Ion Ratio Lower Upper
278 100
139 24.3 18.3 27.5
279 27.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.639 min Scan# 6124
Delta R.T. 0.000 min
Lab File: BN021640.D
Acq: 08 Sep 2022 11:38

Tgt Ion: 276 Resp: 11944
Ion Ratio Lower Upper
276 100
138 30.9 22.6 34.0
277 24.8 20.2 30.2

