

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021642.D
 Acq On : 08 Sep 2022 12:53
 Operator : CG/JU
 Sample : SSTD1.644
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

Quant Time: Sep 08 13:41:26 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)

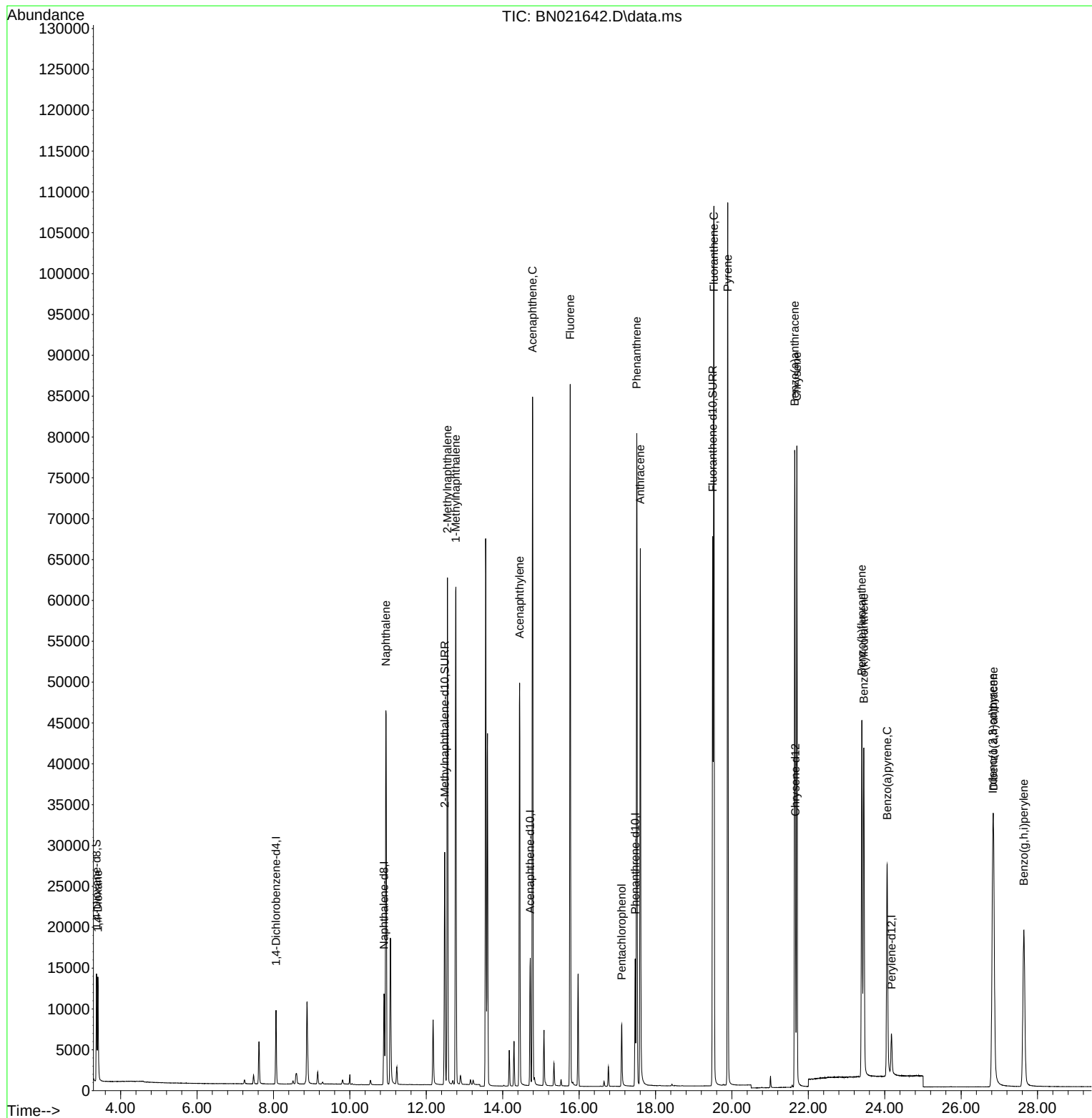
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	4629	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	15123	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.721	164	8723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	17378	0.400	ng/ul	0.00
17) Chrysene-d12	21.661	240	12504	0.400	ng/ul	0.00
23) Perylene-d12	24.178	264	7513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	8691	1.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	36820	1.609	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	70484	1.829	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	8943	1.429	ng/ul#	86
5) Naphthalene	10.943	128	64264	1.342	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	42645	1.423	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	43470	1.548	ng/ul	99
10) Acenaphthylene	14.443	152	57390	1.275	ng/ul	97
11) Acenaphthene	14.781	153	47044	1.365	ng/ul	98
12) Fluorene	15.766	166	53537	1.390	ng/ul	99
14) Pentachlorophenol	17.117	266	5440	2.834	ng/ul	99
15) Phenanthrene	17.510	178	84409	1.310	ng/ul	98
16) Anthracene	17.603	178	73783	1.429	ng/ul	98
19) Fluoranthene	19.529	202	89686	1.513	ng/ul	99
20) Pyrene	19.891	202	86081	1.451	ng/ul	96
21) Benzo(a)anthracene	21.644	228	67646	1.561	ng/ul	99
22) Chrysene	21.699	228	69521	1.247	ng/ul	99
24) Benzo(b)fluoranthene	23.401	252	58798	1.822	ng/ul	95
25) Benzo(k)fluoranthene	23.453	252	57993	1.669	ng/ul	95
26) Benzo(a)pyrene	24.064	252	43562	1.433	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.827	276	49038	1.374	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.850	278	42577	1.450	ng/ul	94
29) Benzo(g,h,i)perylene	27.642	276	45411	1.281	ng/ul	97

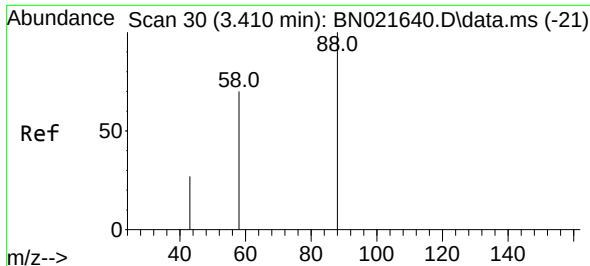
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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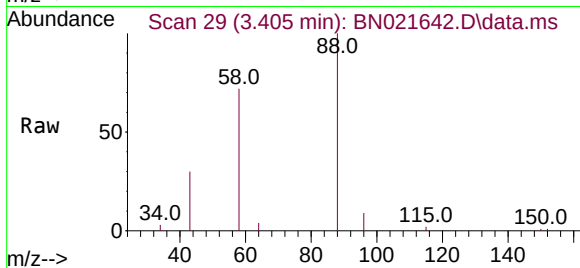
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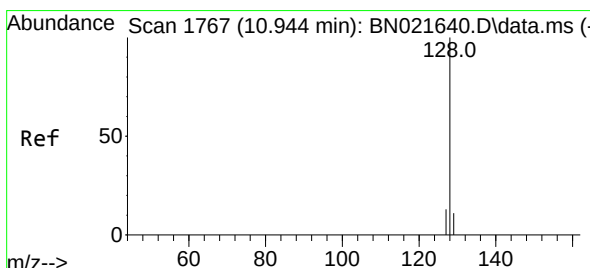
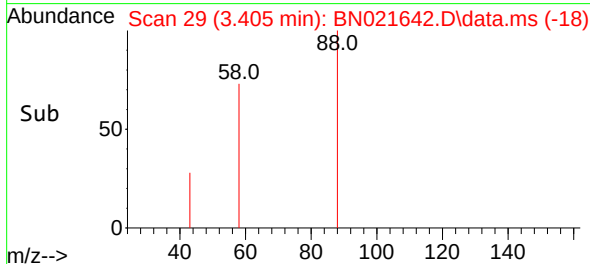
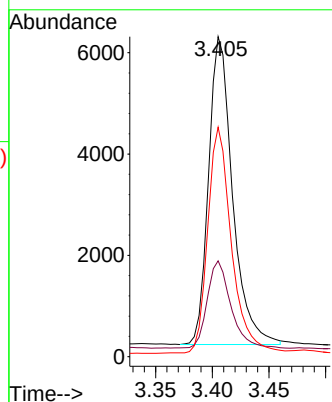


#2
1,4-Dioxane
Concen: 1.429 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.005 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

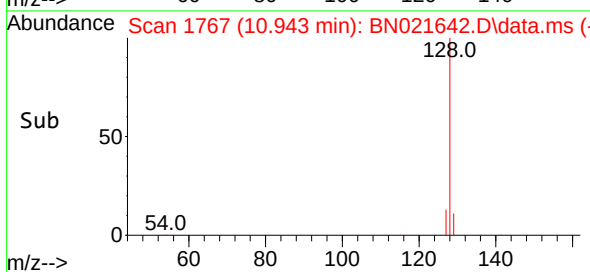
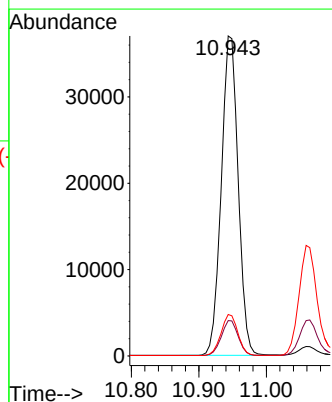
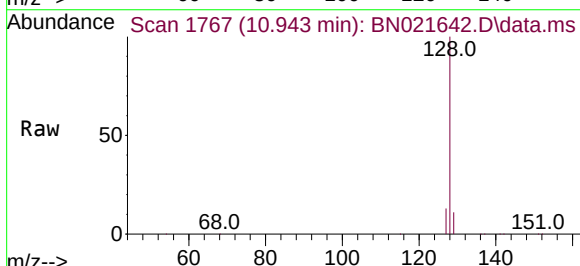


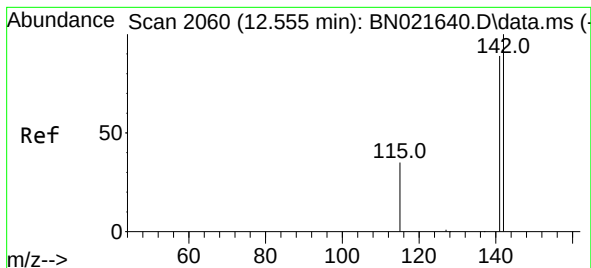
Tgt Ion: 88 Resp: 8943
Ion Ratio Lower Upper
88 100
43 30.0 31.4 47.0#
58 71.7 49.0 73.6



#5
Naphthalene
Concen: 1.342 ng/ul
RT: 10.943 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion: 128 Resp: 64264
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 12.9 11.6 17.4

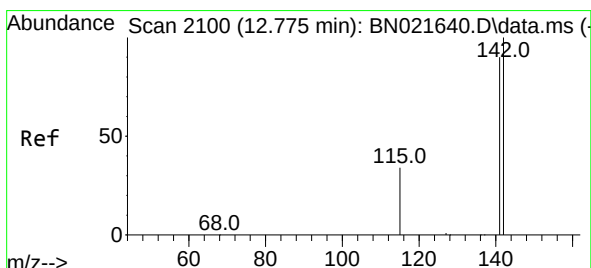
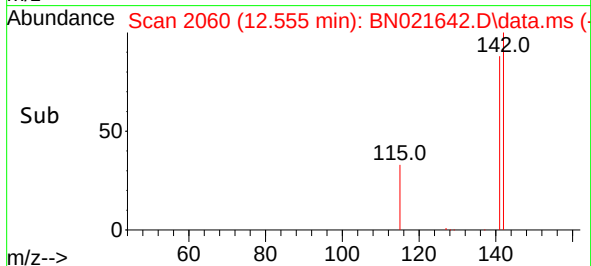
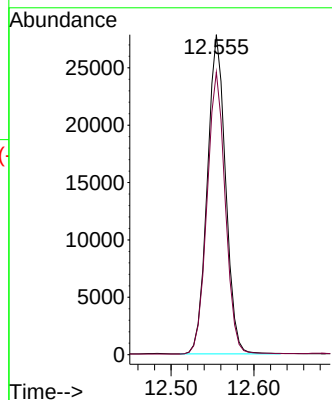
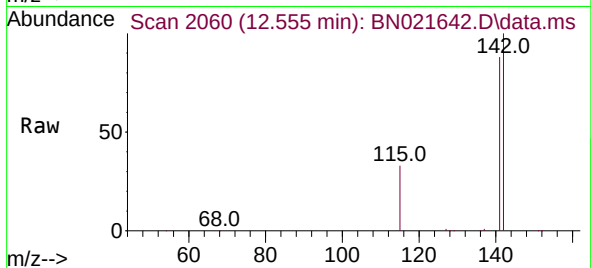




#7
2-Methylnaphthalene
Concen: 1.423 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

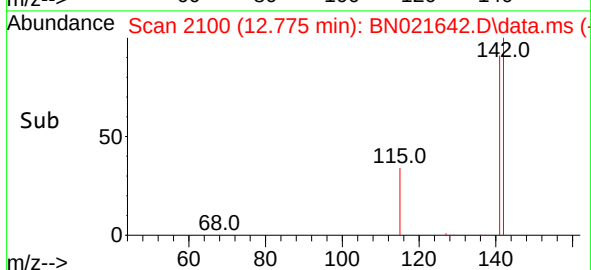
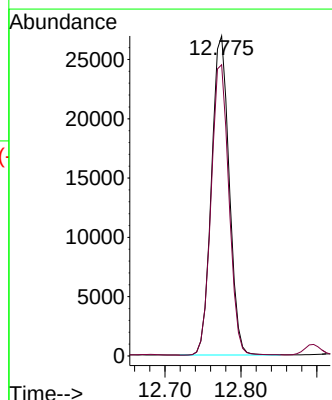
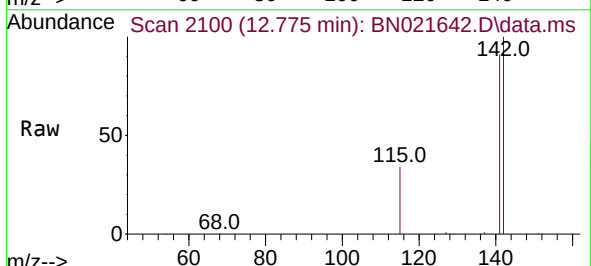
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

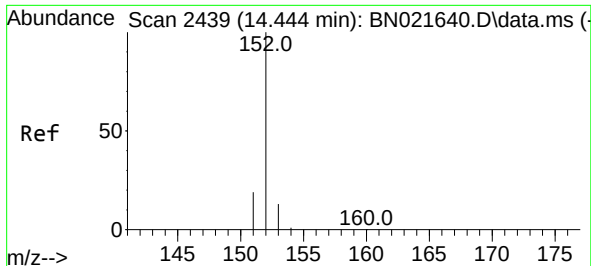
Tgt Ion:142 Resp: 42645
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 1.548 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:142 Resp: 43470
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

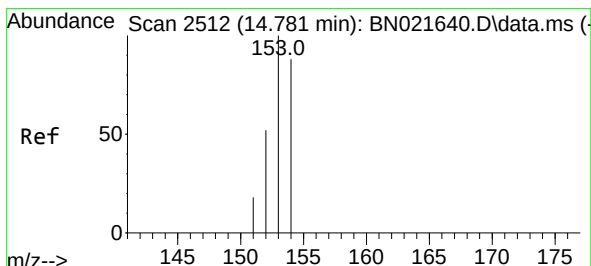
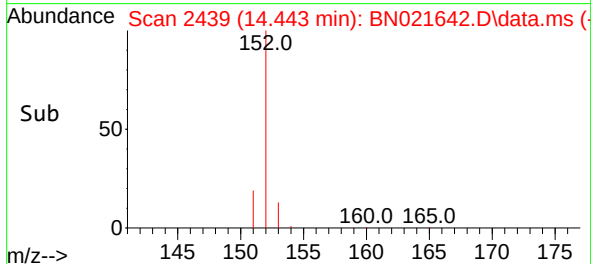
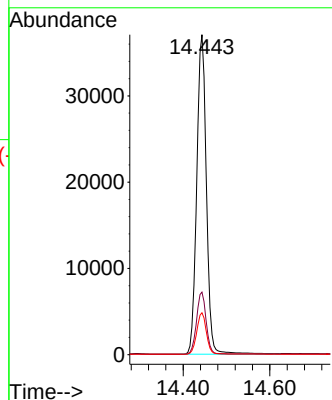
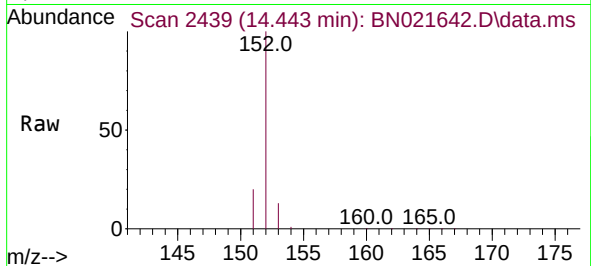




#10
Acenaphthylene
Concen: 1.275 ng/ul
RT: 14.443 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

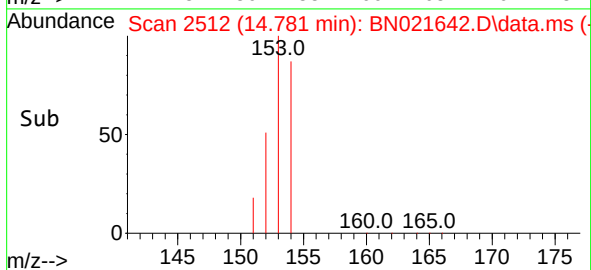
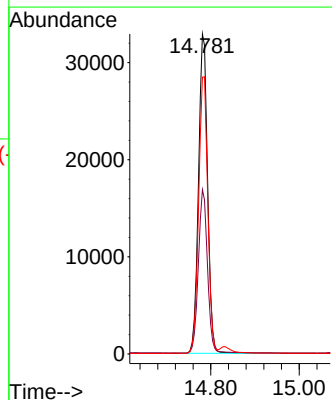
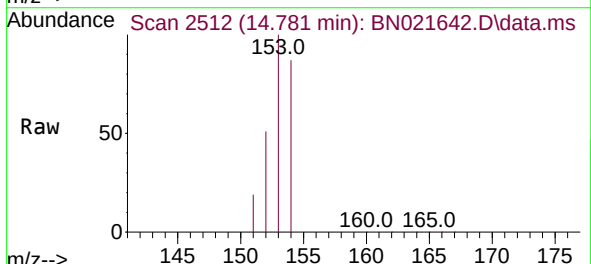
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

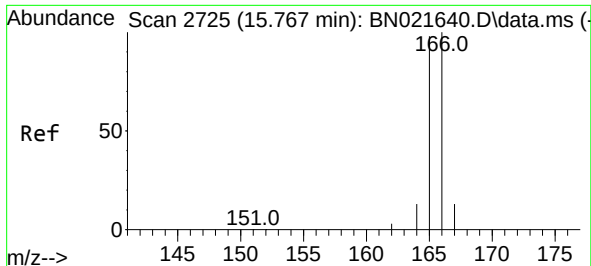
Tgt Ion:152 Resp: 57390
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 13.1 11.2 16.8



#11
Acenaphthene
Concen: 1.365 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:153 Resp: 47044
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 86.5 70.7 106.1

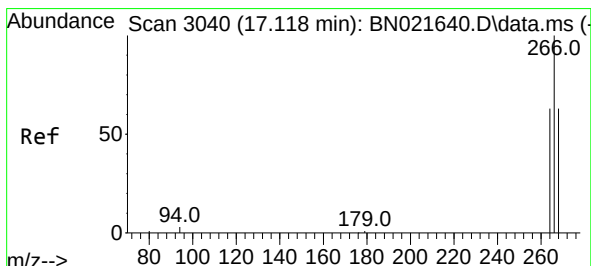
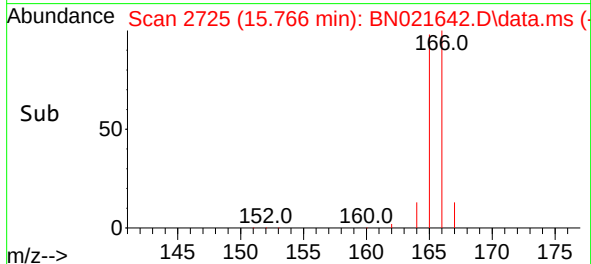
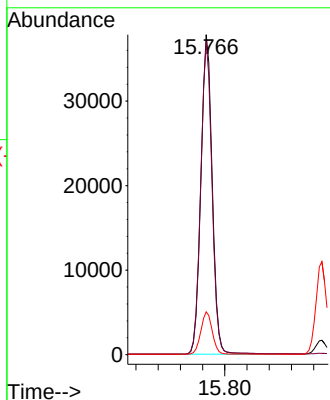
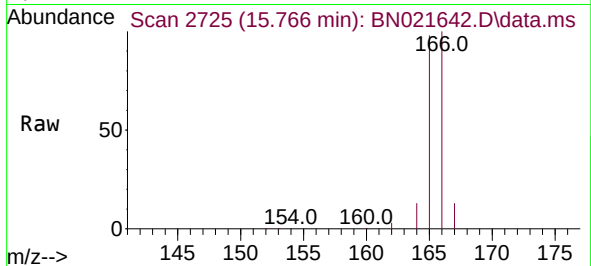




#12
Fluorene
Concen: 1.390 ng/ul
RT: 15.766 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

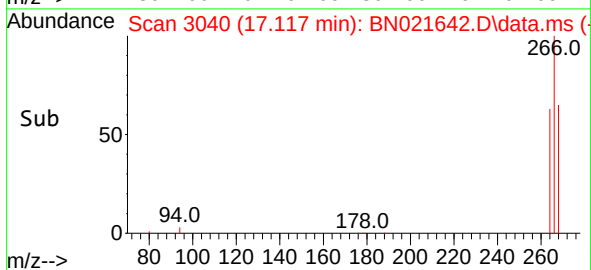
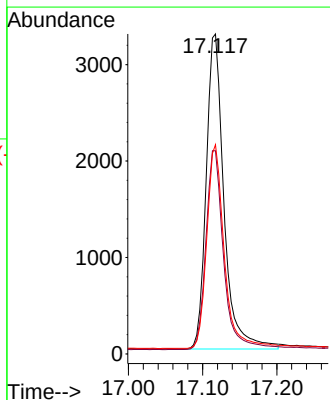
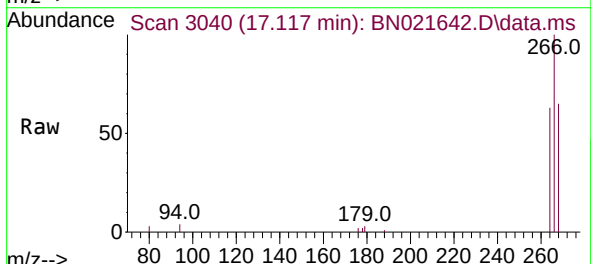
Instrument :
BNA_N
ClientSampleId :
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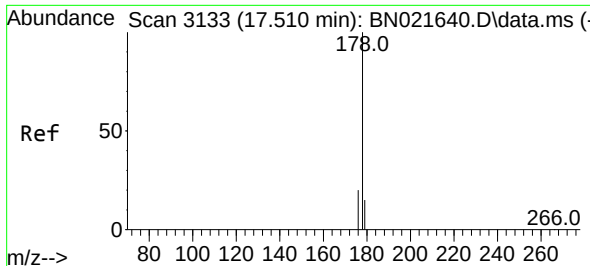
Tgt Ion:166 Resp: 53537
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.4 11.8 17.6



#14
Pentachlorophenol
Concen: 2.834 ng/ul
RT: 17.117 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:266 Resp: 5440
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 63.8 50.6 75.8

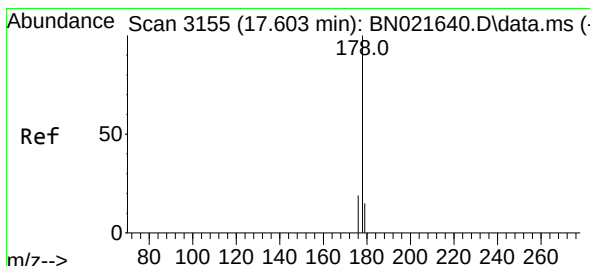
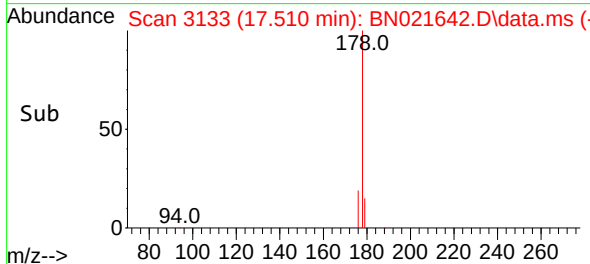
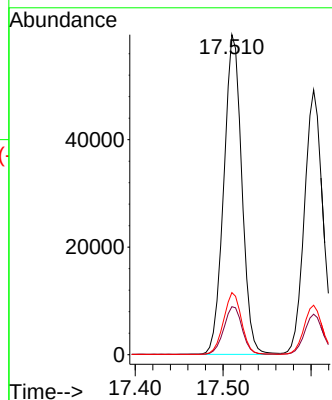
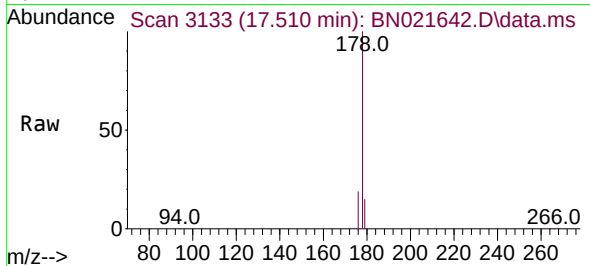




#15
Phenanthrene
Concen: 1.310 ng/ul
RT: 17.510 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

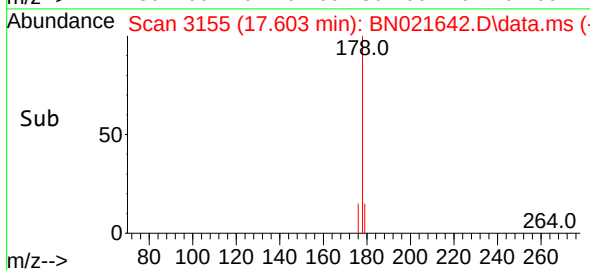
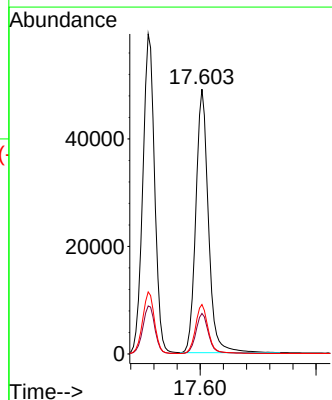
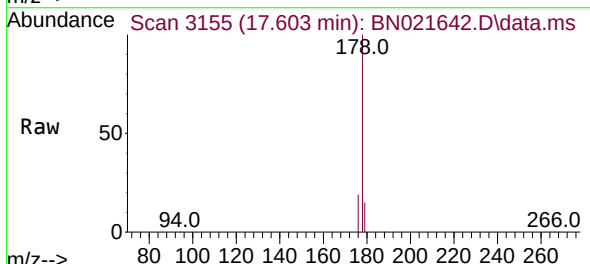
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ClientSampleId :
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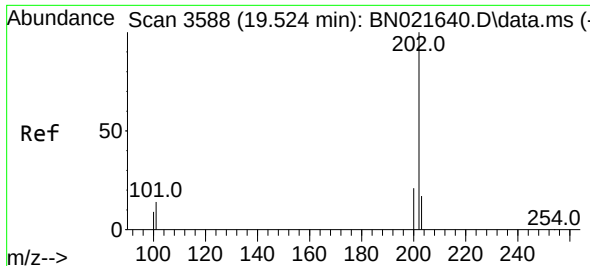
Tgt Ion:178 Resp: 84409
Ion Ratio Lower Upper
178 100
179 15.0 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 1.429 ng/ul
RT: 17.603 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:178 Resp: 73783
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 18.7 15.9 23.9

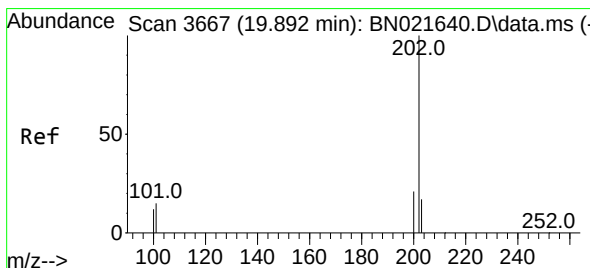
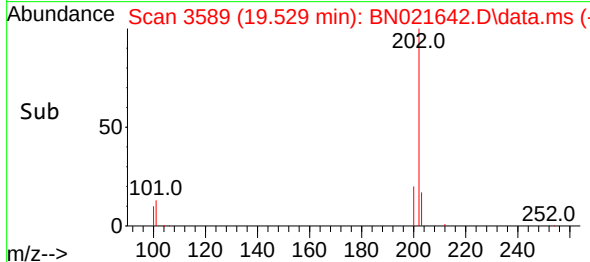
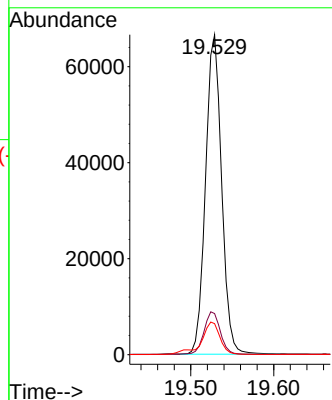
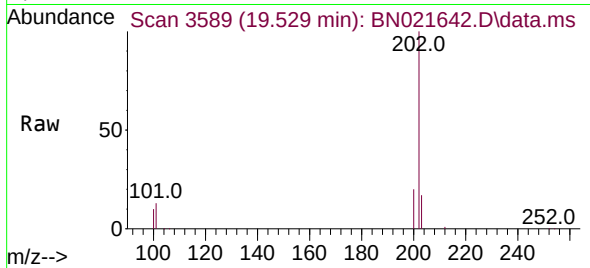




#19
Fluoranthene
Concen: 1.513 ng/ul
RT: 19.529 min Scan# 3589
Delta R.T. 0.004 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

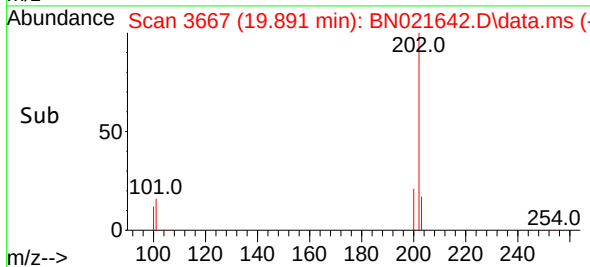
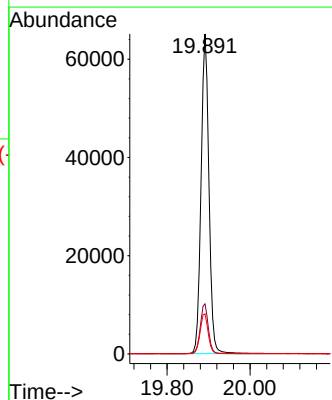
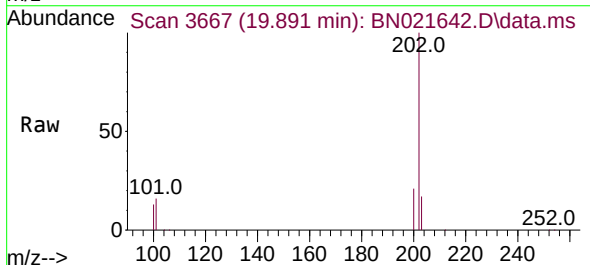
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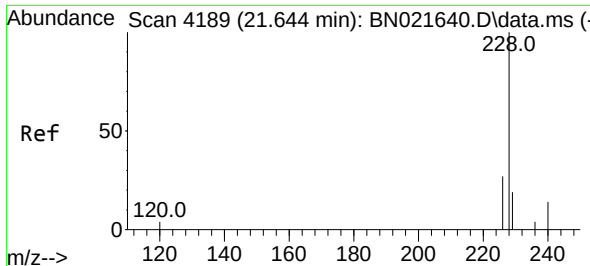
Tgt Ion:202 Resp: 89686
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 1.451 ng/ul
RT: 19.891 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:202 Resp: 86081
Ion Ratio Lower Upper
202 100
101 15.7 11.3 16.9
100 12.5 9.0 13.4

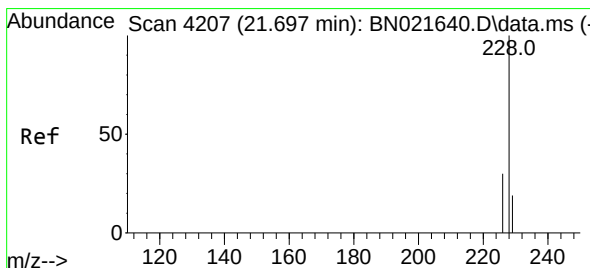
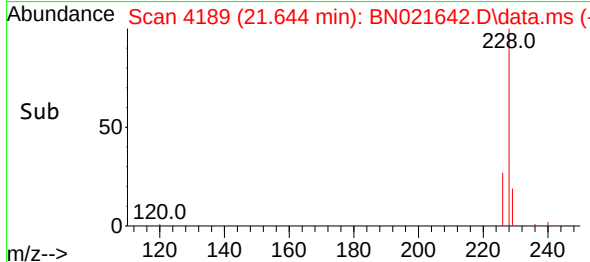
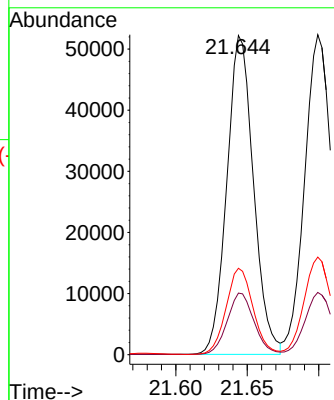
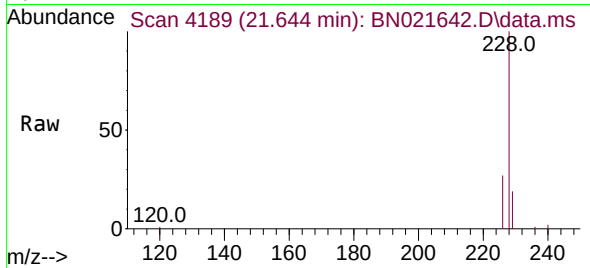




#21
Benzo(a)anthracene
Concen: 1.561 ng/u1
RT: 21.644 min Scan# 4189
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

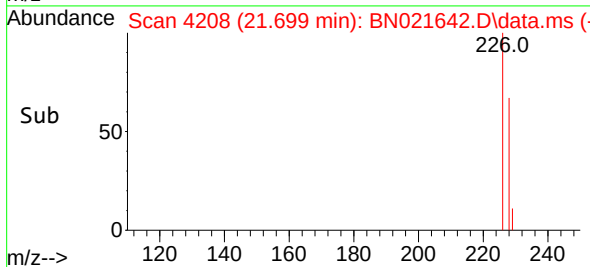
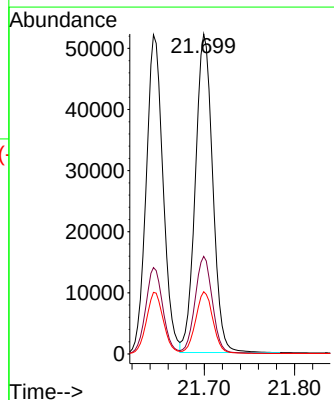
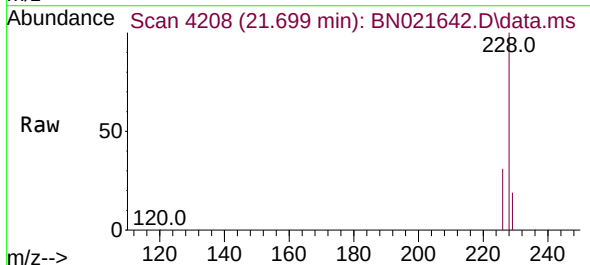
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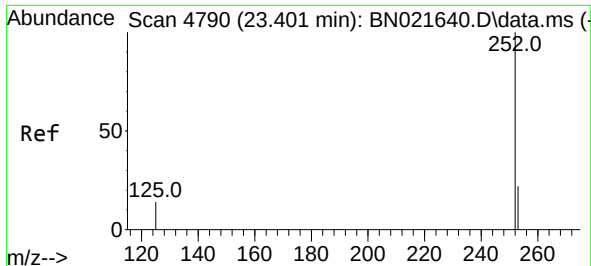
Tgt Ion:228 Resp: 67646
Ion Ratio Lower Upper
228 100
229 19.3 16.0 24.0
226 27.1 21.9 32.9



#22
Chrysene
Concen: 1.247 ng/u1
RT: 21.699 min Scan# 4208
Delta R.T. 0.003 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

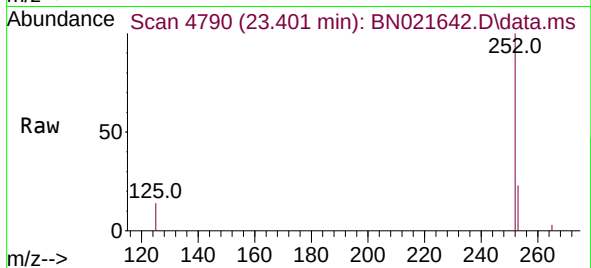
Tgt Ion:228 Resp: 69521
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.5 15.8 23.8



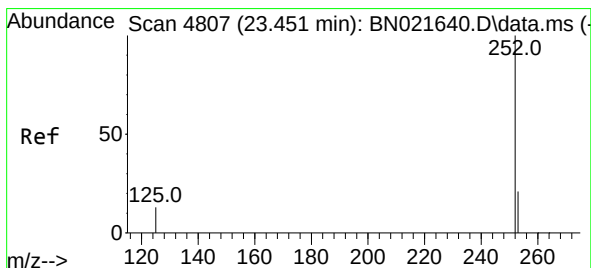
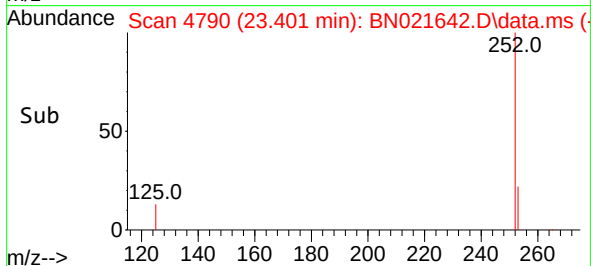
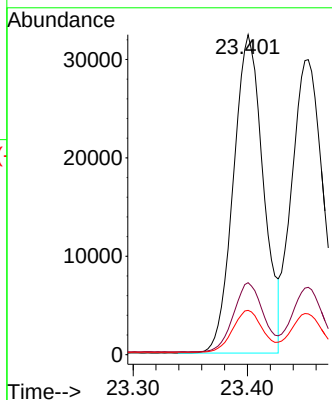


#24
Benzo(b)fluoranthene
Concen: 1.822 ng/ul
RT: 23.401 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

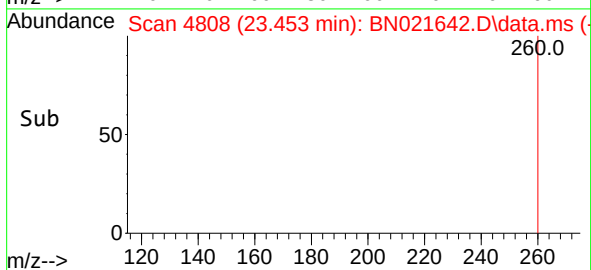
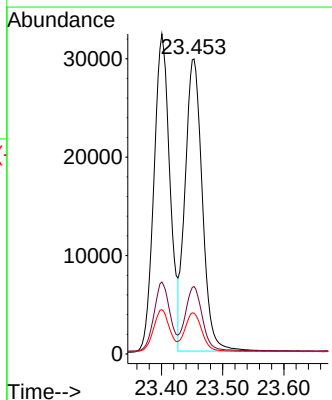
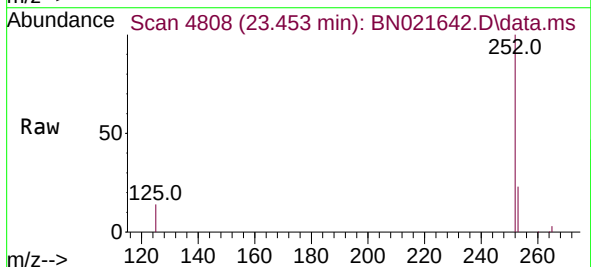


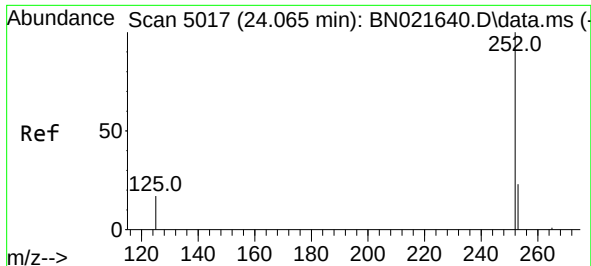
Tgt Ion:252 Resp: 58798
Ion Ratio Lower Upper
252 100
253 22.5 0.0 50.8
125 13.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 1.669 ng/ul
RT: 23.453 min Scan# 4808
Delta R.T. 0.003 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:252 Resp: 57993
Ion Ratio Lower Upper
252 100
253 22.8 20.6 31.0
125 13.8 11.8 17.6

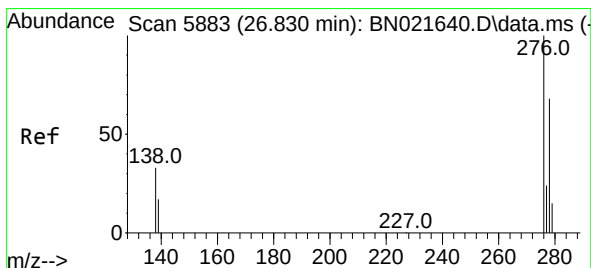
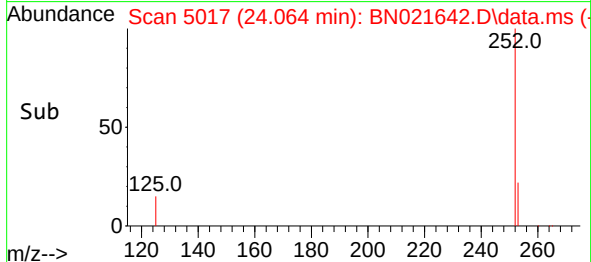
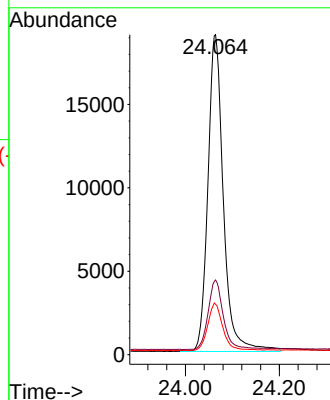
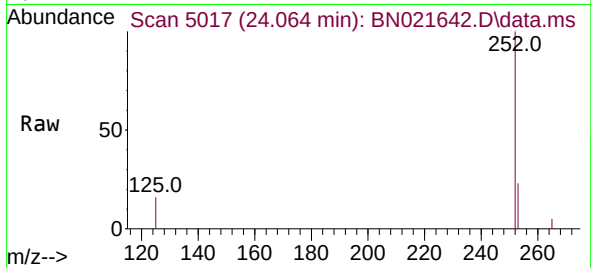




#26
Benzo(a)pyrene
Concen: 1.433 ng/ul
RT: 24.064 min Scan# 5017
Delta R.T. -0.000 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

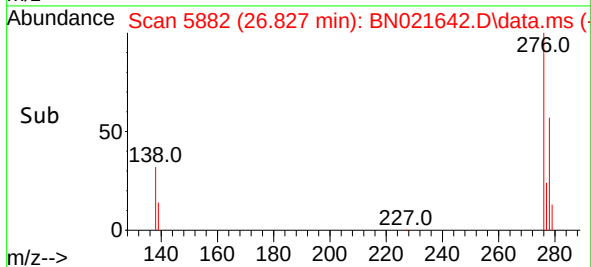
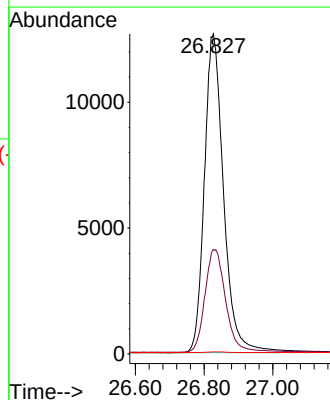
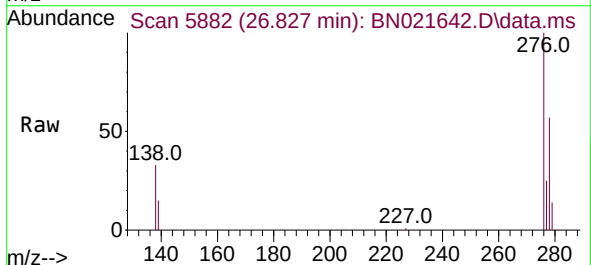
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

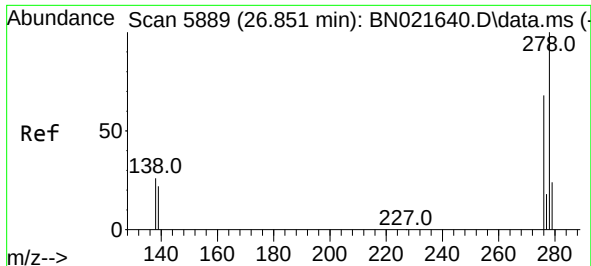
Tgt Ion:252 Resp: 43562
Ion Ratio Lower Upper
252 100
253 23.3 22.1 33.1
125 15.8 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.374 ng/ul
RT: 26.827 min Scan# 5882
Delta R.T. -0.004 min
Lab File: BN021642.D
Acq: 08 Sep 2022 12:53

Tgt Ion:276 Resp: 49038
Ion Ratio Lower Upper
276 100
138 34.8 26.1 39.1
227 0.2 0.1 0.1#

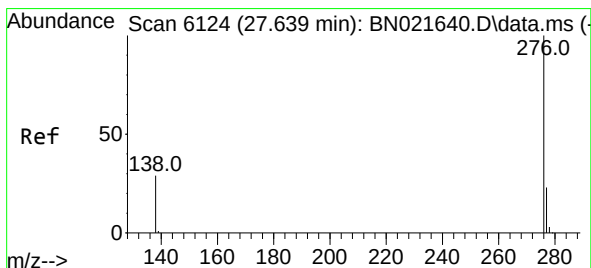
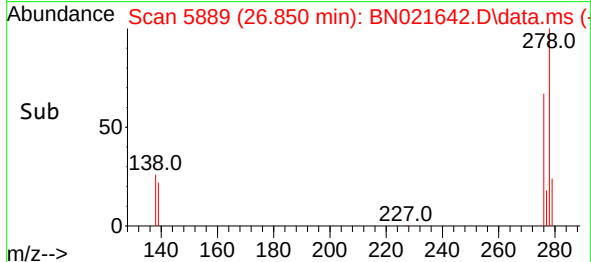
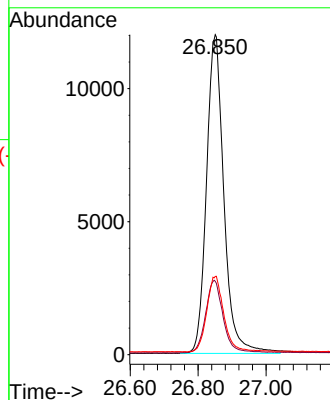
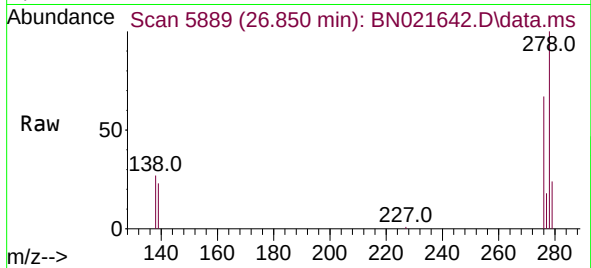




#28
 Dibenzo(a,h)anthracene
 Concen: 1.450 ng/ul
 RT: 26.850 min Scan# 5889
 Delta R.T. -0.000 min
 Lab File: BN021642.D
 Acq: 08 Sep 2022 12:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

Tgt Ion:278 Resp: 42577
 Ion Ratio Lower Upper
 278 100
 139 22.9 18.3 27.5
 279 24.5 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 1.281 ng/ul
 RT: 27.642 min Scan# 6125
 Delta R.T. 0.003 min
 Lab File: BN021642.D
 Acq: 08 Sep 2022 12:53

Tgt Ion:276 Resp: 45411
 Ion Ratio Lower Upper
 276 100
 138 29.2 22.6 34.0
 277 23.4 20.2 30.2

