

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027360.D
 Acq On : 02 Sep 2023 02:35
 Operator : MA/JU
 Sample : SST0.125
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

Quant Time: Sep 02 06:10:49 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 06:08:27 2023
 Response via : Initial Calibration

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

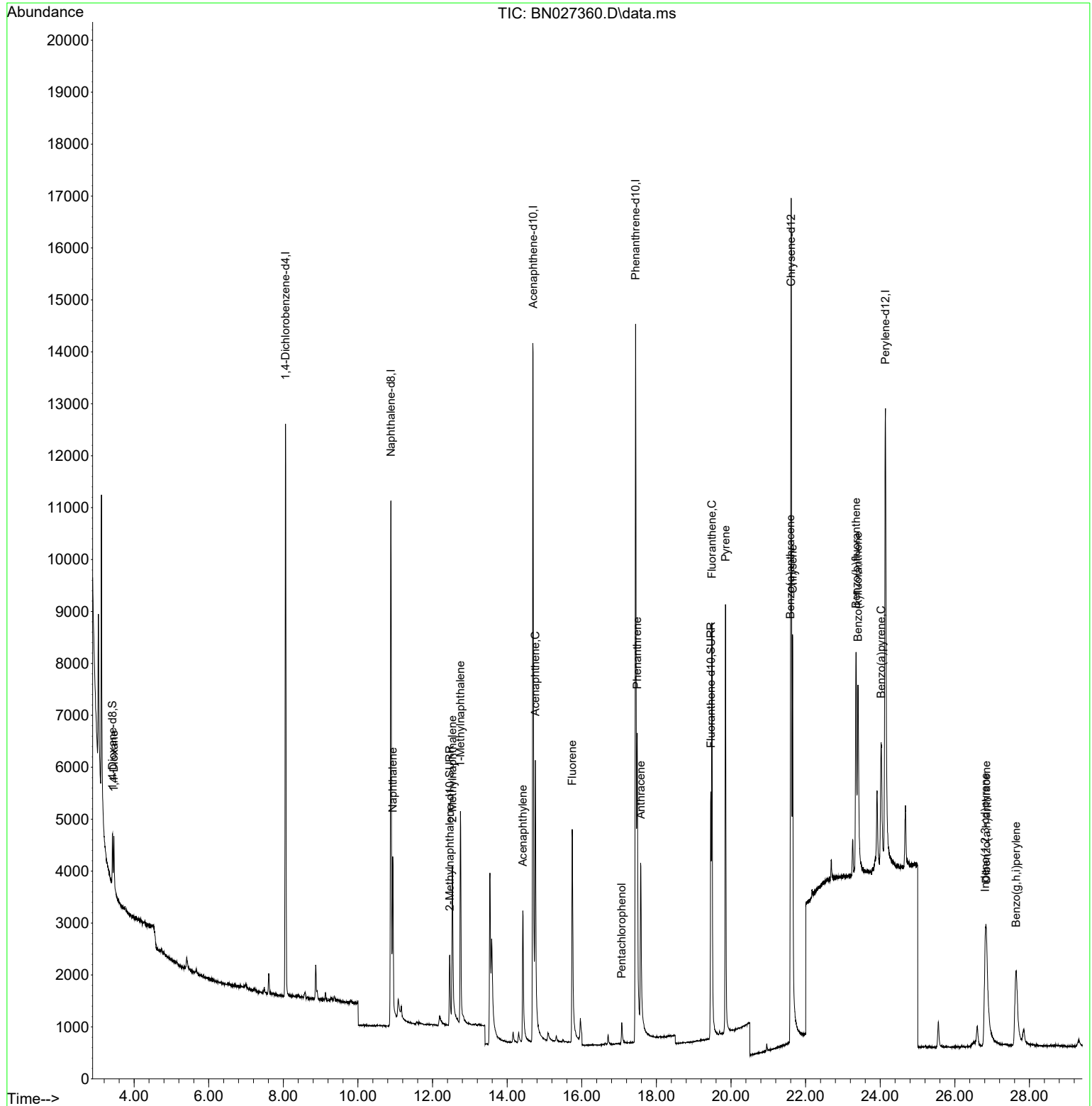
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	16272	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	9370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	20786	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	16989	0.400	ng/ul	0.00
23) Perylene-d12	24.138	264	15378	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	723	0.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	2324	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	5944	0.111	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	904	0.130	ng/ul#	70
5) Naphthalene	10.933	128	4745	0.103	ng/ul#	95
7) 2-Methylnaphthalene	12.533	142	2737	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	3096	0.106	ng/ul	99
10) Acenaphthylene	14.421	152	4265	0.081	ng/ul	95
11) Acenaphthene	14.754	153	3719	0.102	ng/ul	99
12) Fluorene	15.744	166	3998	0.097	ng/ul	99
14) Pentachlorophenol	17.071	266	382	0.065	ng/ul	95
15) Phenanthrene	17.485	178	6718	0.098	ng/ul	97
16) Anthracene	17.578	178	5062	0.082	ng/ul	94
19) Fluoranthene	19.487	202	7764	0.110	ng/ul	96
20) Pyrene	19.855	202	8153	0.108	ng/ul	99
21) Benzo(a)anthracene	21.595	228	5915	0.088	ng/ul	98
22) Chrysene	21.653	228	7296	0.109	ng/ul	98
24) Benzo(b)fluoranthene	23.351	252	6854	0.118	ng/ul	81
25) Benzo(k)fluoranthene	23.401	252	6651	0.116	ng/ul#	77
26) Benzo(a)pyrene	24.024	252	5567	0.106	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.814	276	5729	0.083	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.844	278	4320	0.079	ng/ul#	79
29) Benzo(g,h,i)perylene	27.642	276	5247	0.092	ng/ul#	90

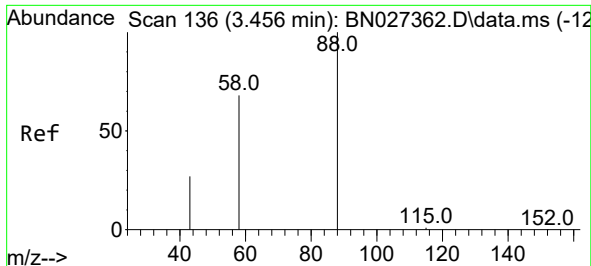
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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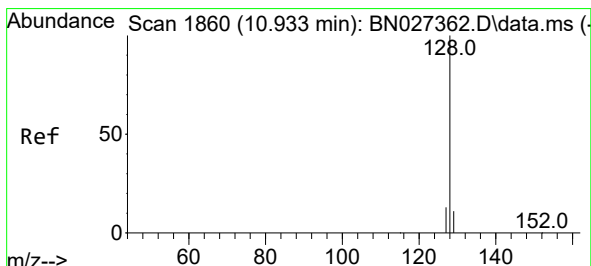
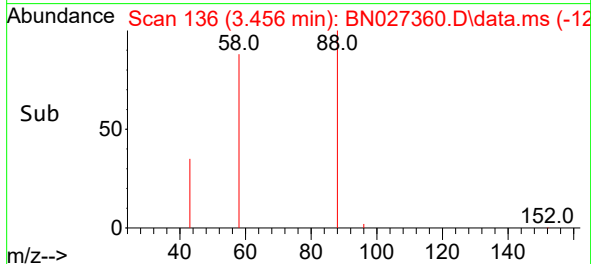
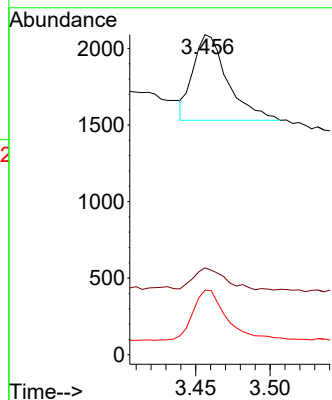
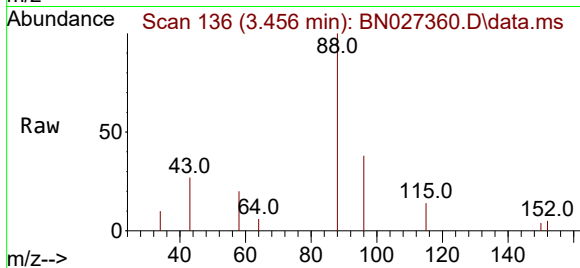




#2
1,4-Dioxane
Concen: 0.130 ng/ul
RT: 3.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

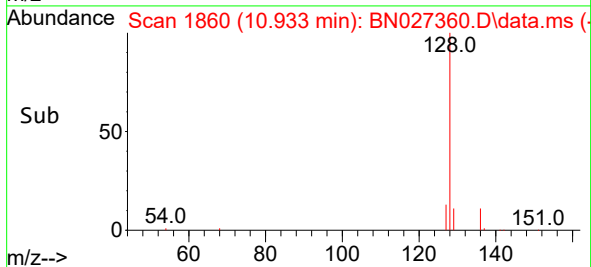
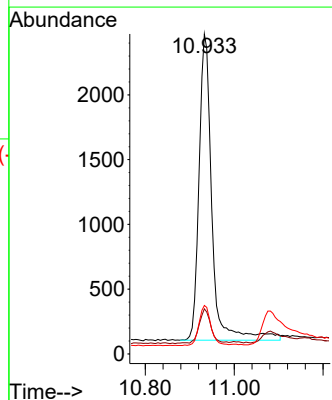
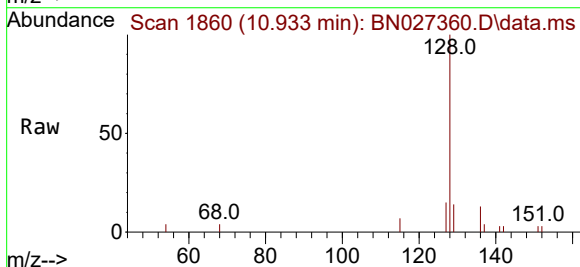
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

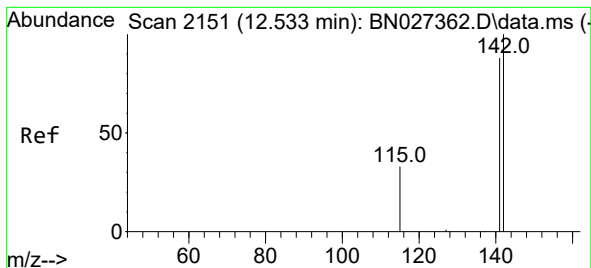
Tgt Ion: 88 Resp: 904
Ion Ratio Lower Upper
88 100
43 27.1 26.8 40.2
58 20.1 39.9 59.9#



#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion: 128 Resp: 4745
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.0#
127 15.1 10.6 16.0

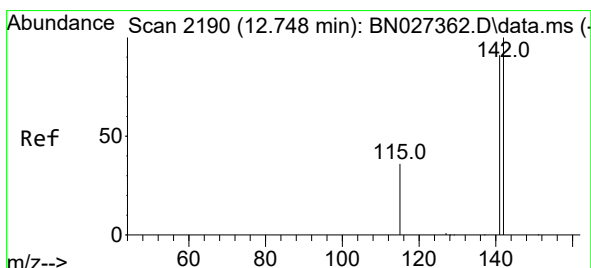
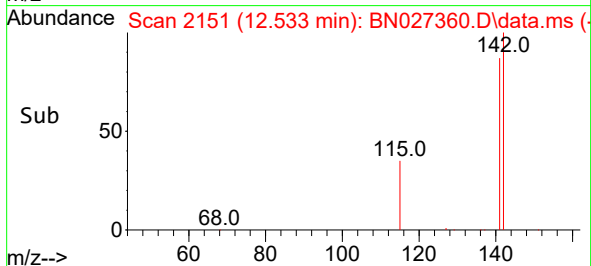
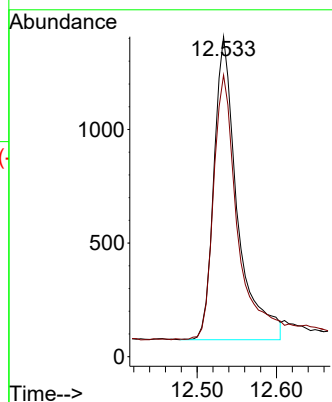
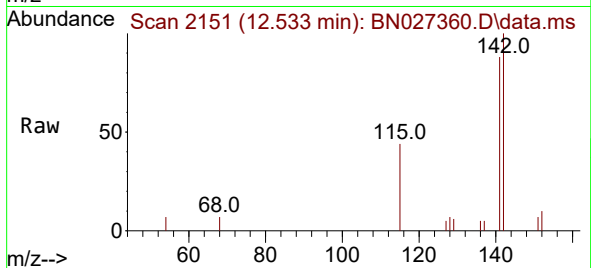




#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.533 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

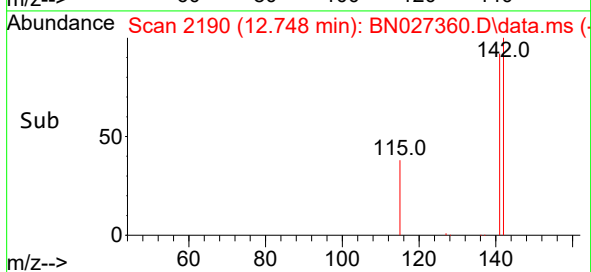
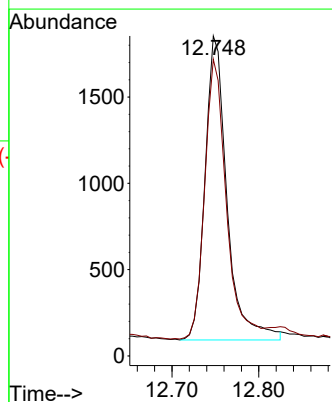
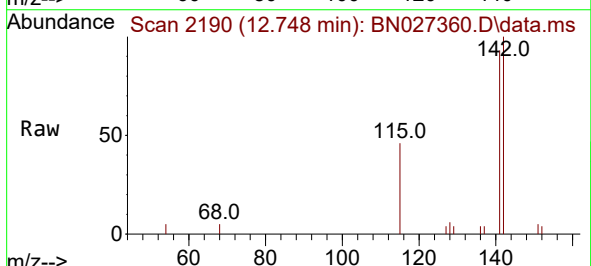
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

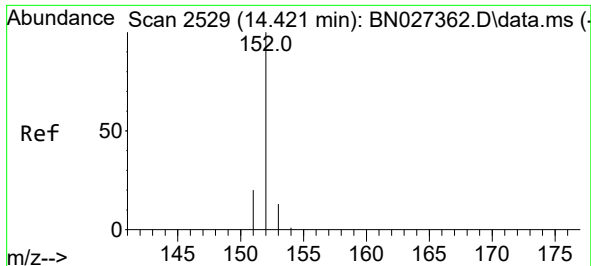
Tgt Ion:142 Resp: 2737
Ion Ratio Lower Upper
142 100
141 90.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:142 Resp: 3096
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.4

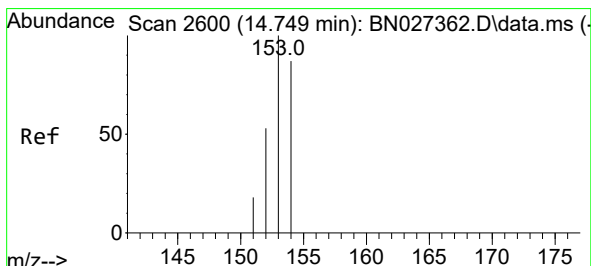
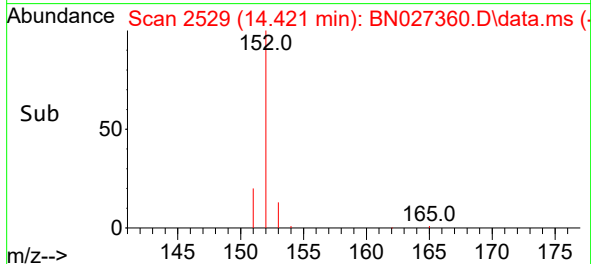
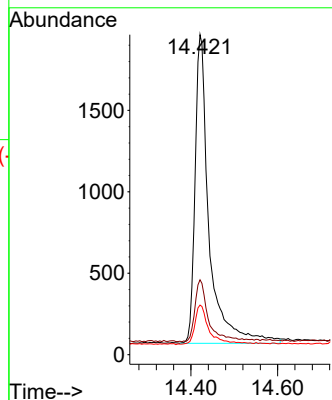
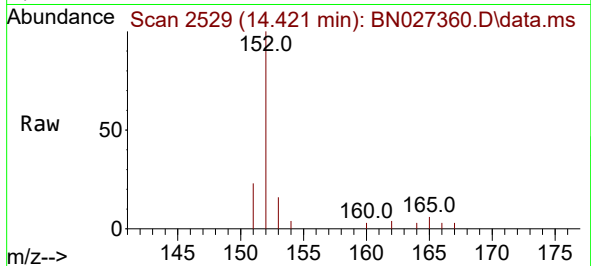




#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

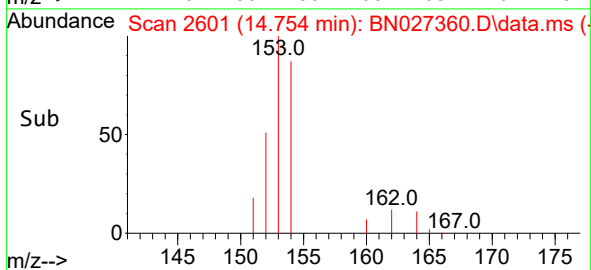
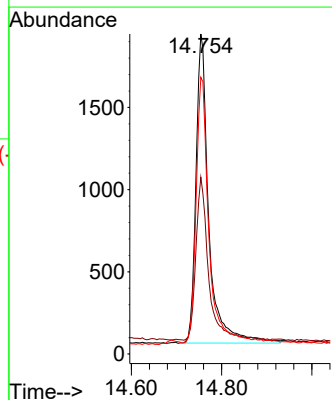
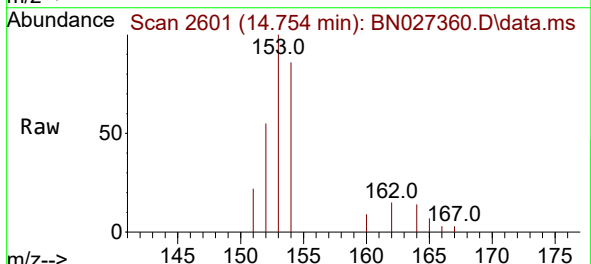
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

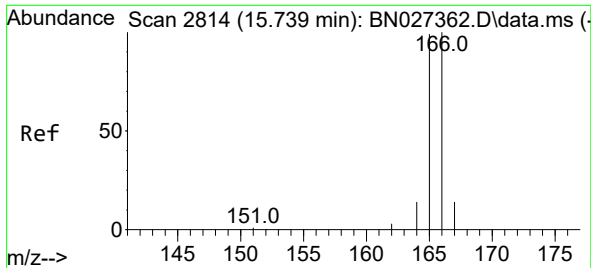
Tgt Ion:152 Resp: 4265
Ion Ratio Lower Upper
152 100
151 23.4 16.3 24.5
153 15.5 11.1 16.7



#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.754 min Scan# 2601
Delta R.T. 0.005 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:153 Resp: 3719
Ion Ratio Lower Upper
153 100
152 55.2 42.9 64.3
154 86.4 69.4 104.0

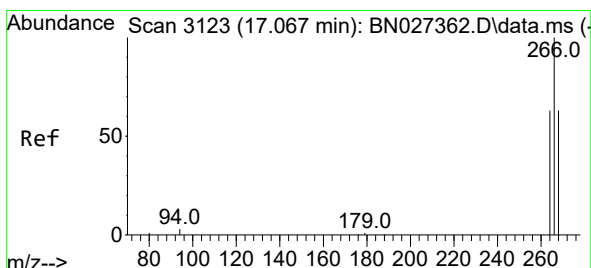
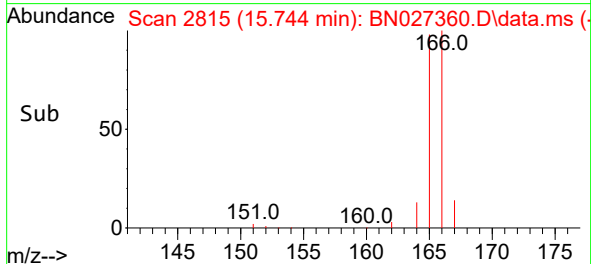
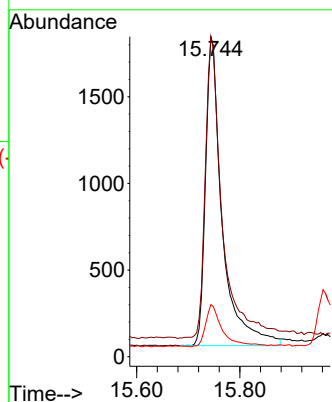
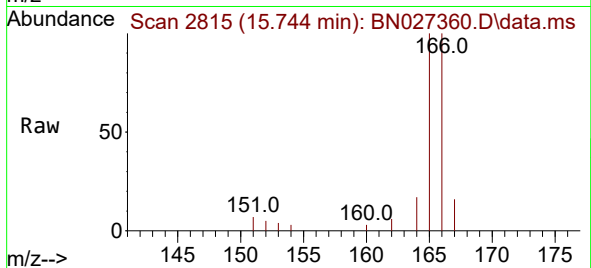




#12
 Fluorene
 Concen: 0.097 ng/ul
 RT: 15.744 min Scan# 2815
 Delta R.T. 0.005 min
 Lab File: BN027360.D
 Acq: 02 Sep 2023 02:35

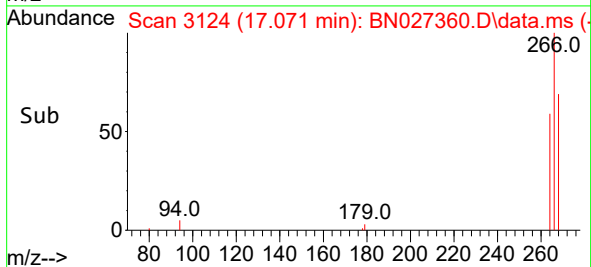
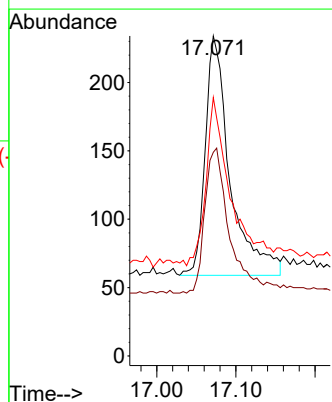
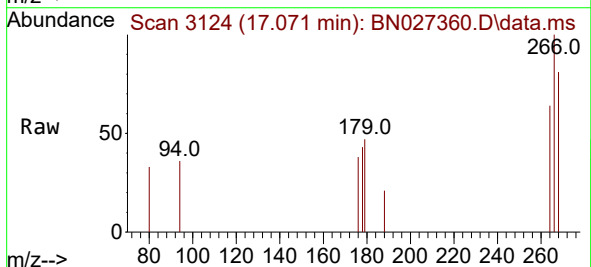
Instrument :
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 ClientSampleId :
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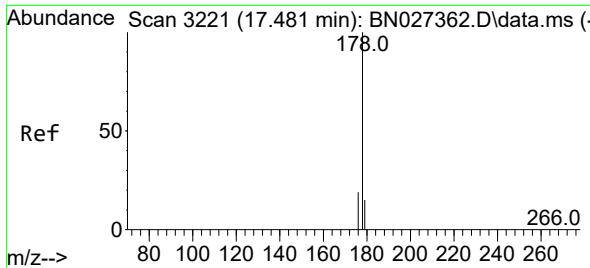
Tgt Ion:166 Resp: 3998
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.6 119.4
 167 16.3 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.065 ng/ul
 RT: 17.071 min Scan# 3124
 Delta R.T. 0.005 min
 Lab File: BN027360.D
 Acq: 02 Sep 2023 02:35

Tgt Ion:266 Resp: 382
 Ion Ratio Lower Upper
 266 100
 264 60.5 50.4 75.6
 268 70.9 51.9 77.9

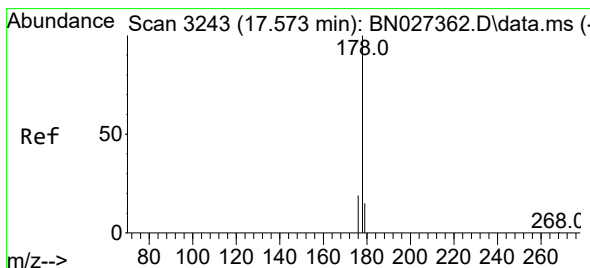
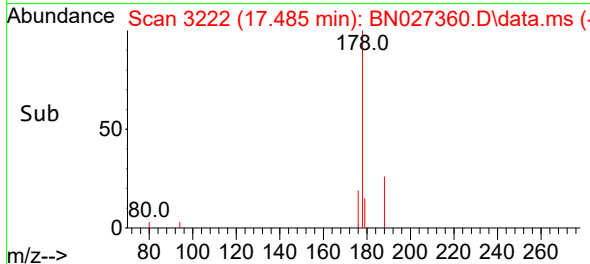
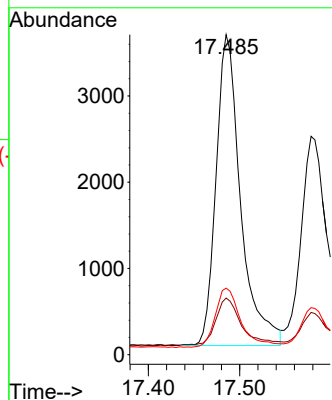
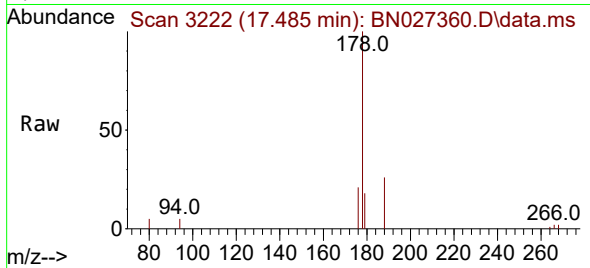




#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

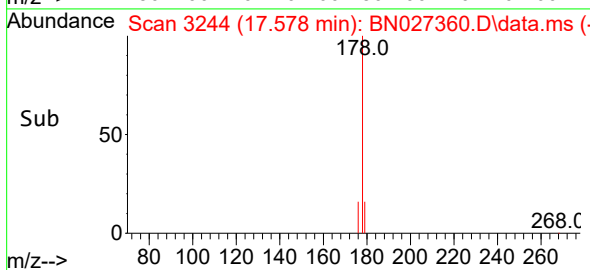
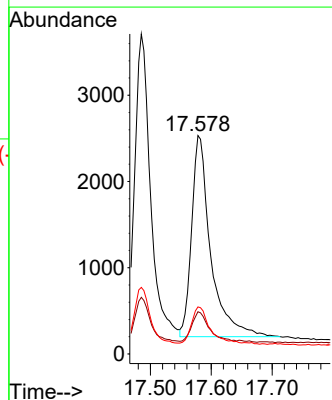
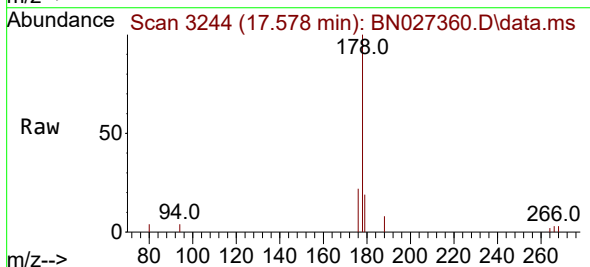
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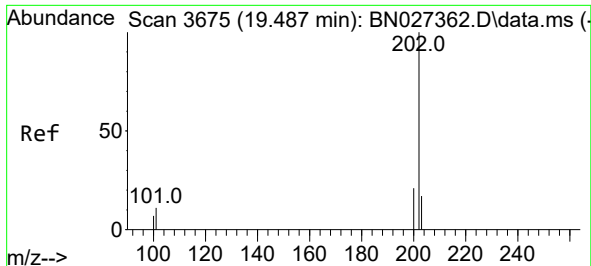
Tgt Ion:178 Resp: 6718
Ion Ratio Lower Upper
178 100
179 17.7 12.6 19.0
176 20.8 15.8 23.8



#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.578 min Scan# 3244
Delta R.T. 0.005 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:178 Resp: 5062
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.6
176 21.6 15.6 23.4

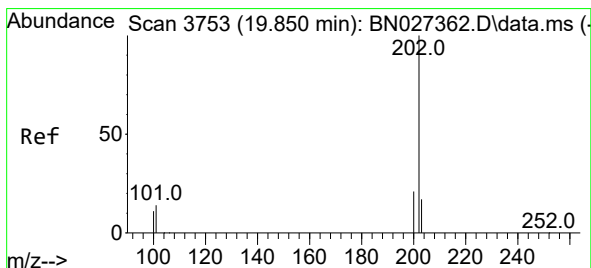
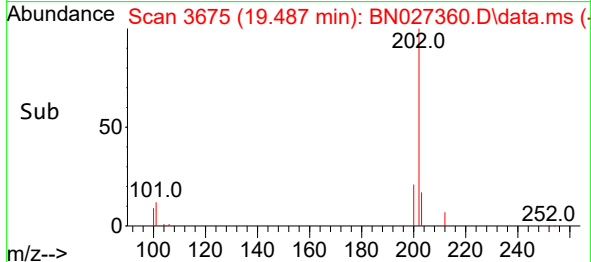
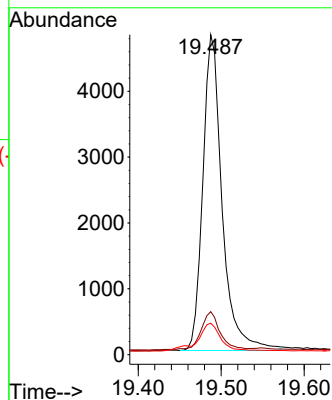
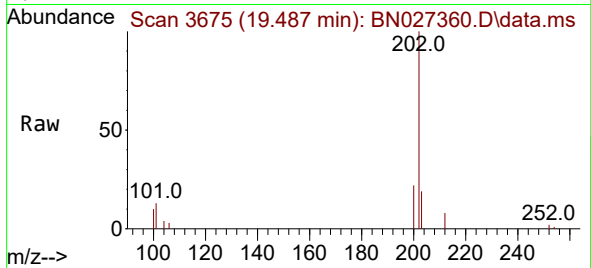




#19
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

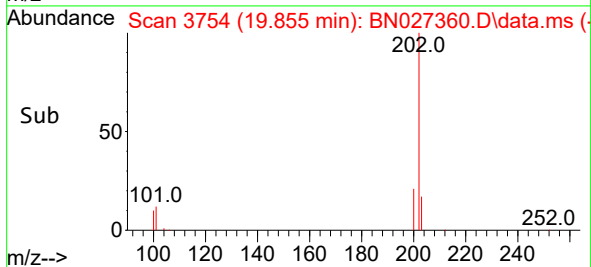
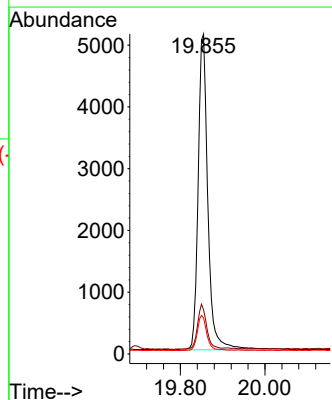
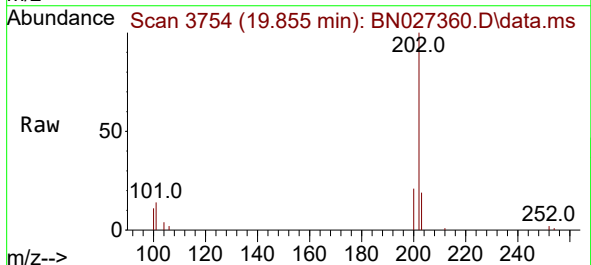
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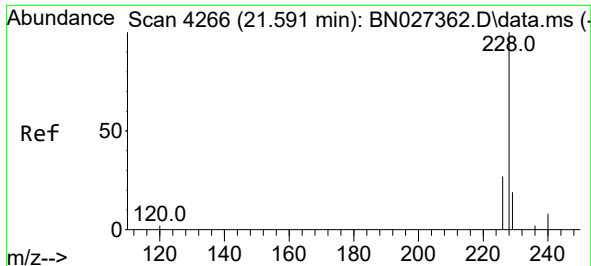
Tgt Ion:202 Resp: 7764
Ion Ratio Lower Upper
202 100
101 13.4 9.4 14.0
100 9.9 6.9 10.3



#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.855 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:202 Resp: 8153
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 11.3 9.4 14.2

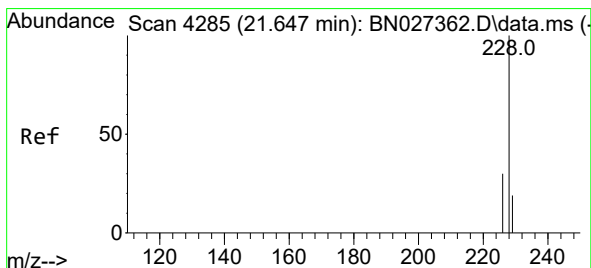
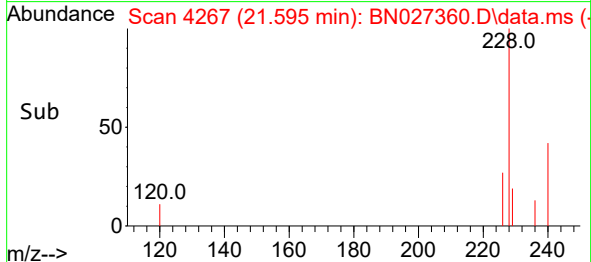
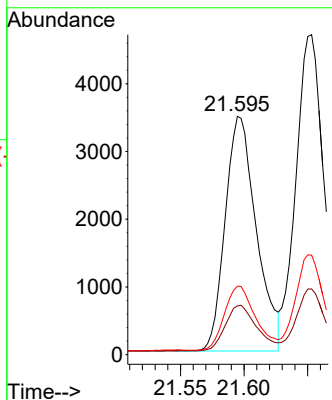
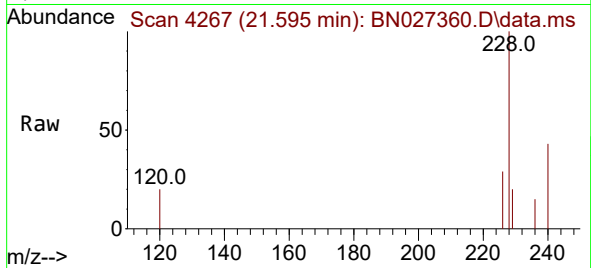




#21
Benzo(a)anthracene
Concen: 0.088 ng/ul
RT: 21.595 min Scan# 4266
Delta R.T. 0.003 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

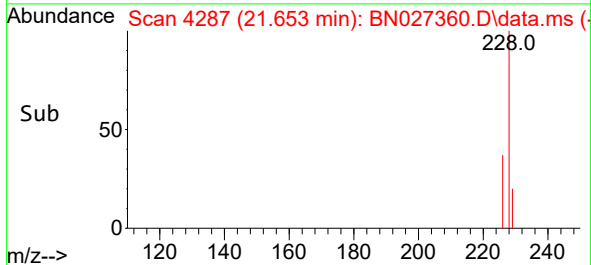
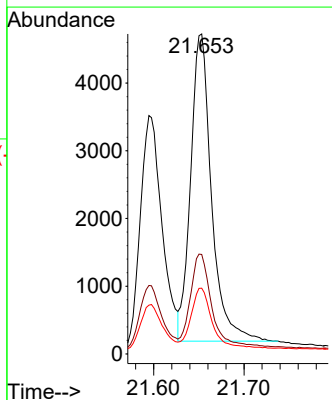
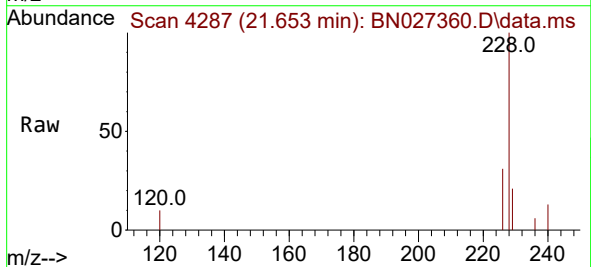
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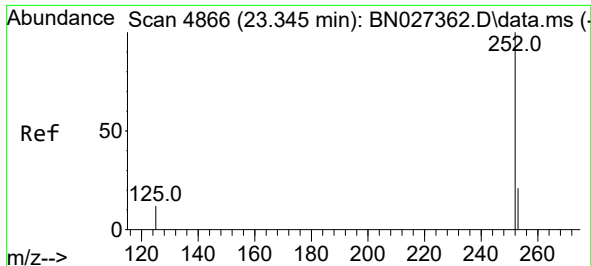
Tgt Ion:	228	Resp:	5915
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	28.7	22.0	33.0



#22
Chrysene
Concen: 0.109 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. 0.006 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:	228	Resp:	7296
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.4	36.6
229	20.5	15.6	23.4

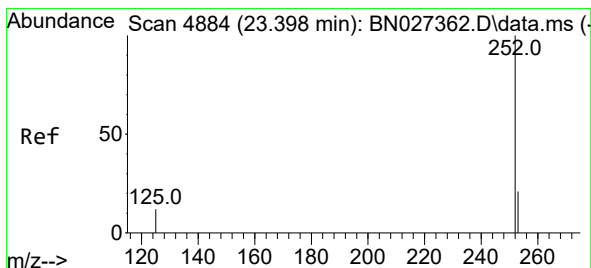
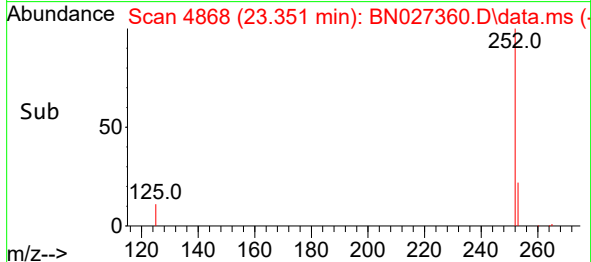
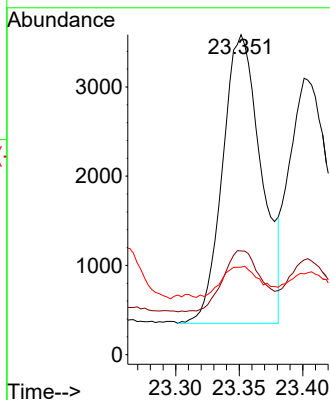
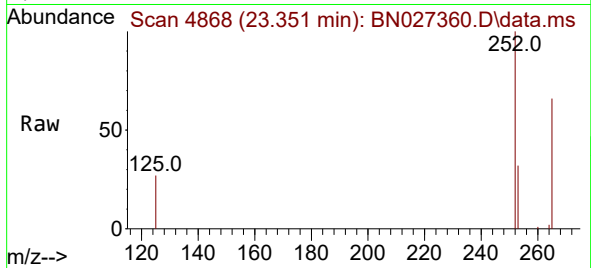




#24
Benzo(b)fluoranthene
Concen: 0.118 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. 0.006 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

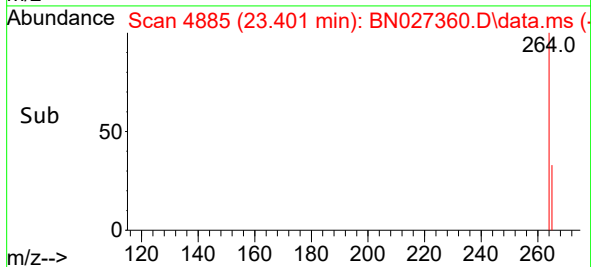
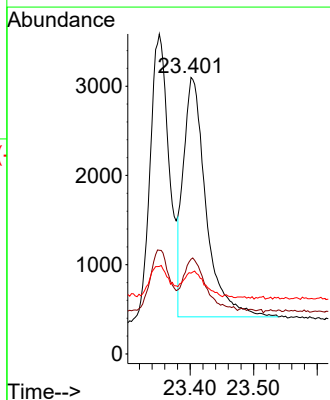
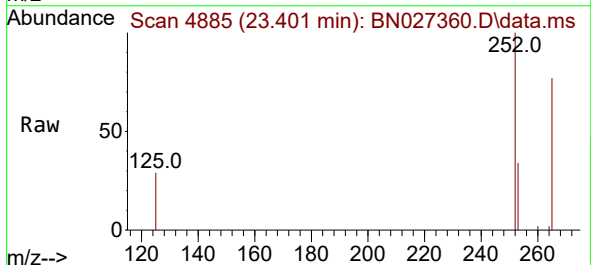
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

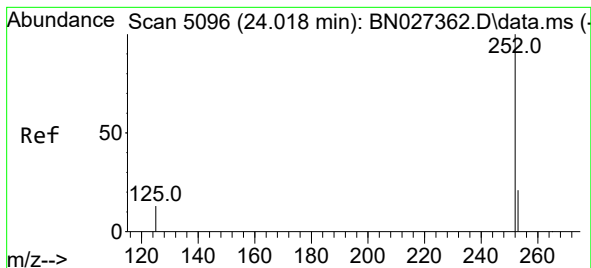
Tgt Ion:252 Resp: 6854
Ion Ratio Lower Upper
252 100
253 32.4 0.0 49.6
125 27.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul
RT: 23.401 min Scan# 4885
Delta R.T. 0.003 min
Lab File: BN027360.D
Acq: 02 Sep 2023 02:35

Tgt Ion:252 Resp: 6651
Ion Ratio Lower Upper
252 100
253 34.3 19.9 29.9#
125 29.2 13.6 20.4#





#26

Benzo(a)pyrene

Concen: 0.106 ng/ul

RT: 24.024 min Scan# 5096

Delta R.T. 0.006 min

Lab File: BN027360.D

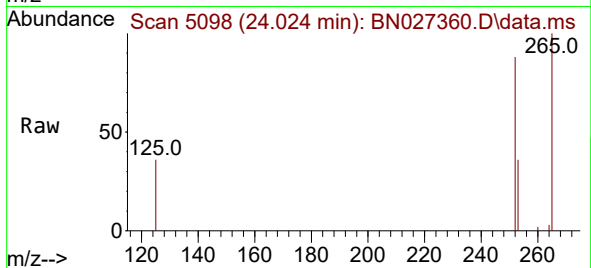
Acq: 02 Sep 2023 02:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244



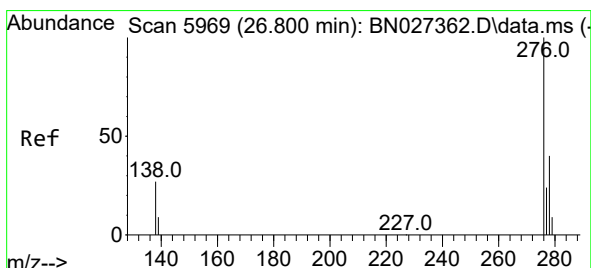
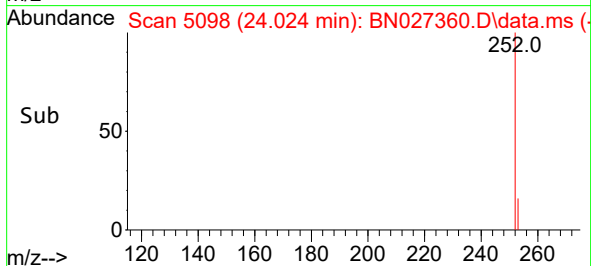
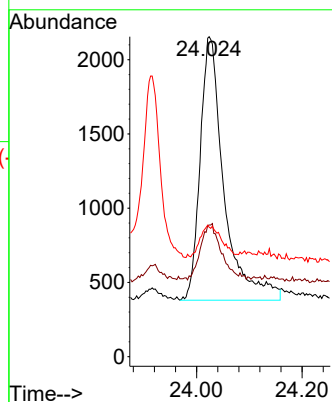
Tgt Ion:252 Resp: 5567

Ion Ratio Lower Upper

252 100

253 41.2 22.4 33.6#

125 40.4 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng/ul

RT: 26.814 min Scan# 5973

Delta R.T. 0.014 min

Lab File: BN027360.D

Acq: 02 Sep 2023 02:35

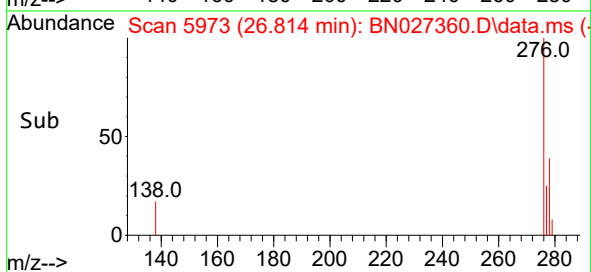
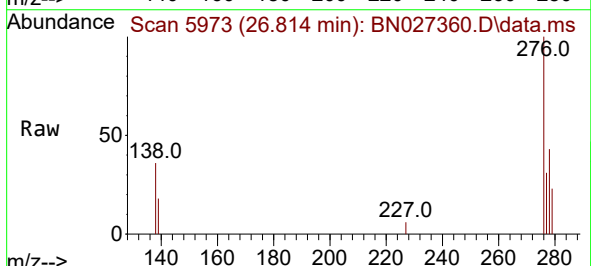
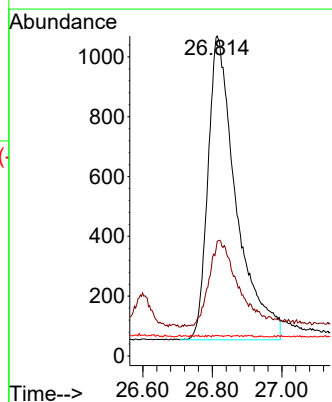
Tgt Ion:276 Resp: 5729

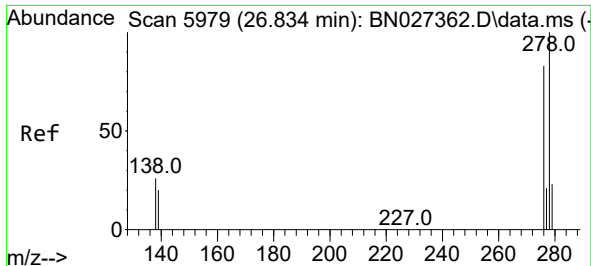
Ion Ratio Lower Upper

276 100

138 27.7 23.9 35.9

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 26.844 min Scan# 5979

Delta R.T. 0.010 min

Lab File: BN027360.D

Acq: 02 Sep 2023 02:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

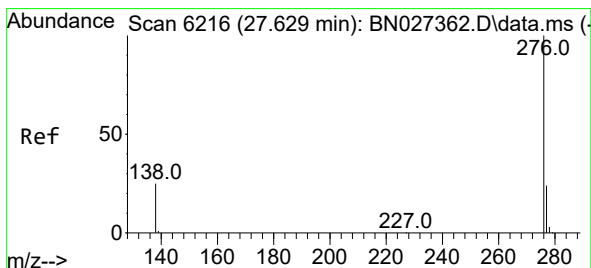
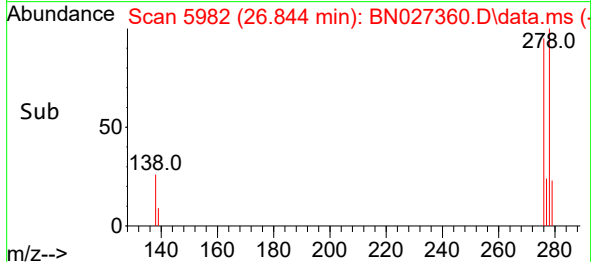
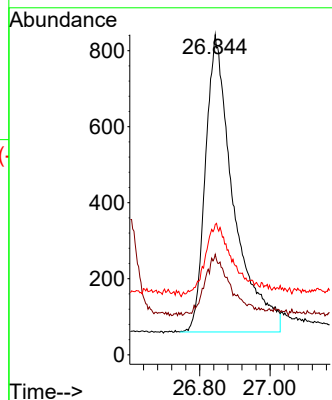
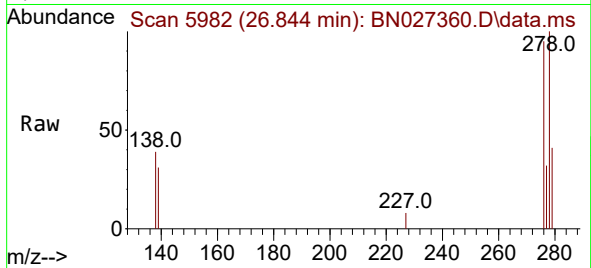
Tgt Ion:278 Resp: 4320

Ion Ratio Lower Upper

278 100

139 31.4 18.0 27.0#

279 40.7 22.7 34.1#



#29

Benzo(g,h,i)perylene

Concen: 0.092 ng/ul

RT: 27.642 min Scan# 6220

Delta R.T. 0.014 min

Lab File: BN027360.D

Acq: 02 Sep 2023 02:35

Tgt Ion:276 Resp: 5247

Ion Ratio Lower Upper

276 100

138 34.3 22.1 33.1#

277 28.9 20.2 30.4

