

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029534.D
 Acq On : 06 Feb 2024 12:55
 Operator : MA/JU
 Sample : SSTD1.654
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6227

Quant Time: Feb 07 02:11:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:09:40 2024
 Response via : Initial Calibration

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

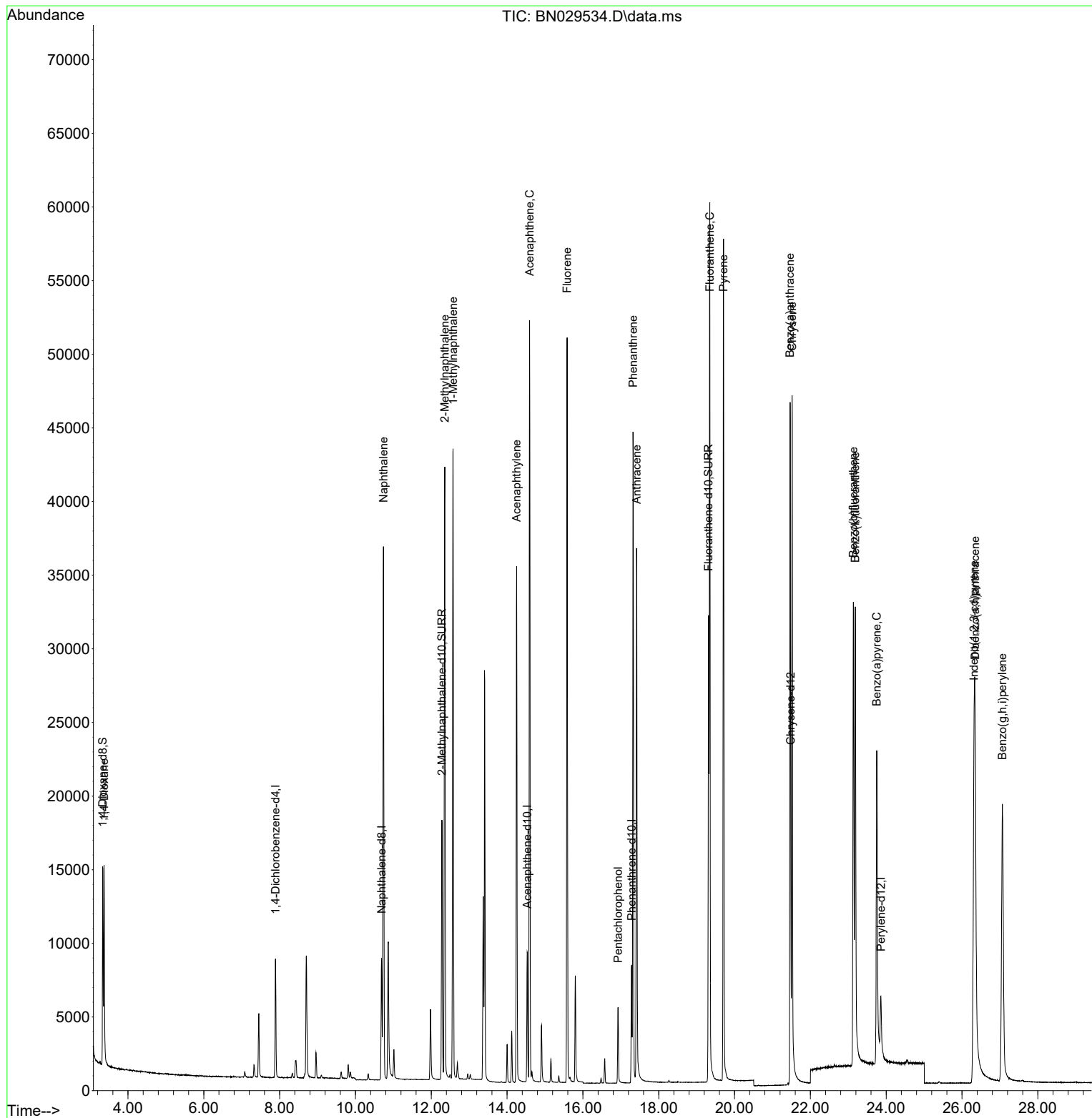
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	4143	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	11172	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	4972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	9256	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	6900	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	6529	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	8384	1.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	23116	1.374	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	35164	1.584	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	9113	1.801	ng/ul#	90
5) Naphthalene	10.738	128	50255	1.605	ng/ul	99
7) 2-Methylnaphthalene	12.355	142	29387	1.425	ng/ul	100
8) 1-Methylnaphthalene	12.575	142	29381	1.403	ng/ul	100
10) Acenaphthylene	14.252	152	40052	1.614	ng/ul	99
11) Acenaphthene	14.594	153	29776	1.631	ng/ul	98
12) Fluorene	15.584	166	31820	1.498	ng/ul	99
14) Pentachlorophenol	16.926	266	3441	1.549	ng/ul#	50
15) Phenanthrene	17.322	178	47122	1.657	ng/ul	99
16) Anthracene	17.415	178	41561	1.594	ng/ul	98
19) Fluoranthene	19.346	202	50358	1.716	ng/ul	97
20) Pyrene	19.708	202	49821	1.638	ng/ul	99
21) Benzo(a)anthracene	21.466	228	41018	1.503	ng/ul	99
22) Chrysene	21.518	228	44341	1.662	ng/ul	100
24) Benzo(b)fluoranthene	23.134	252	42409	1.730	ng/ul	92
25) Benzo(k)fluoranthene	23.184	252	45449	1.771	ng/ul#	90
26) Benzo(a)pyrene	23.751	252	37930	1.640	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.317	276	47788	1.862	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.344	278	38262	1.865	ng/ul	95
29) Benzo(g,h,i)perylene	27.065	276	42360	2.013	ng/ul	97

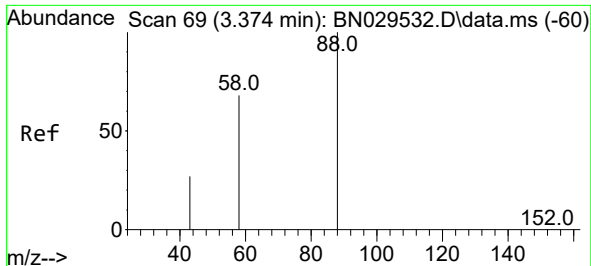
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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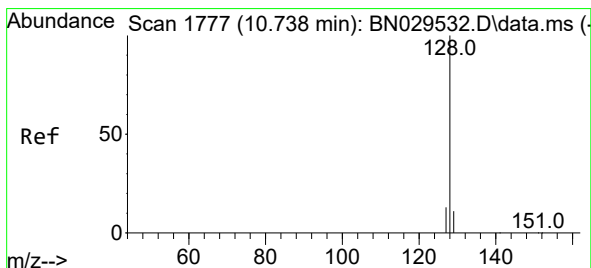
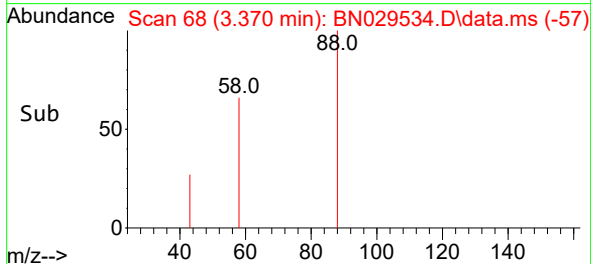
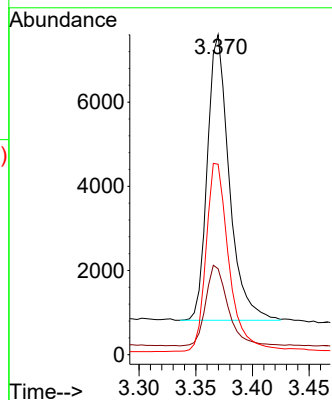
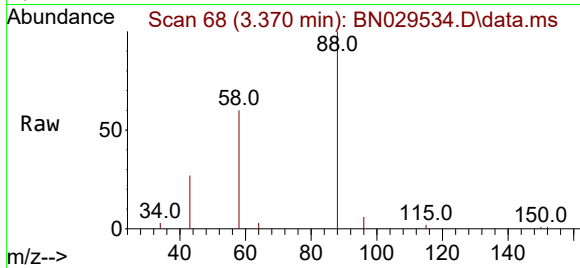




#2
1,4-Dioxane
Concen: 1.801 ng/ul
RT: 3.370 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

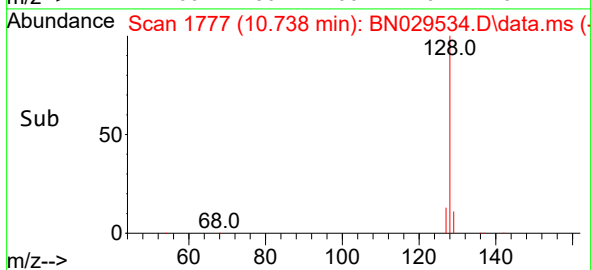
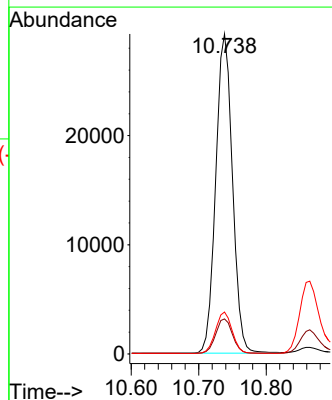
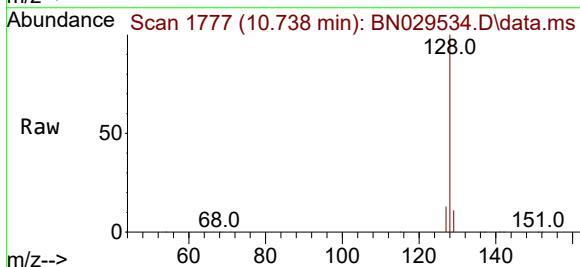
Instrument :
BNA_N
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SSTD1.6227

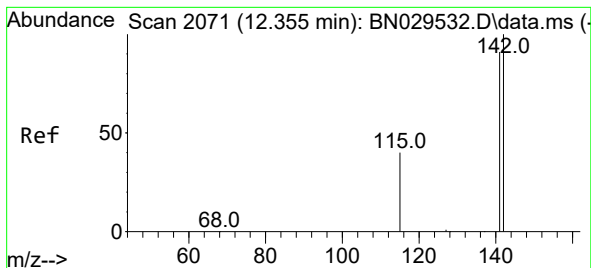
Tgt Ion: 88 Resp: 9113
Ion Ratio Lower Upper
88 100
43 26.9 21.8 32.6
58 59.5 39.3 58.9#



#5
Naphthalene
Concen: 1.605 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:128 Resp: 50255
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 11.0 16.6

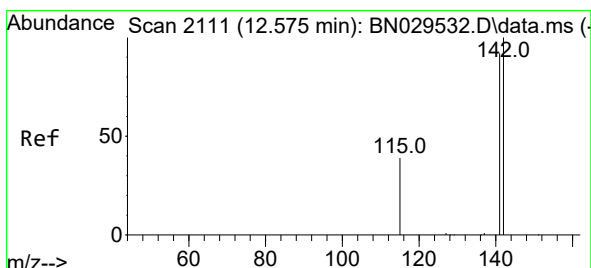
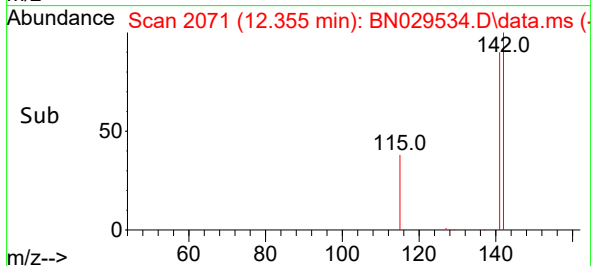
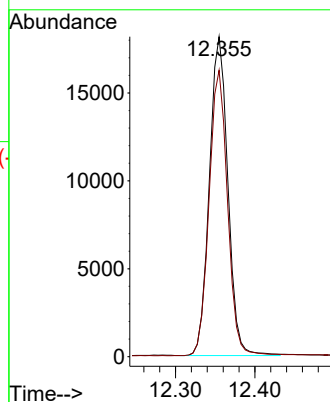
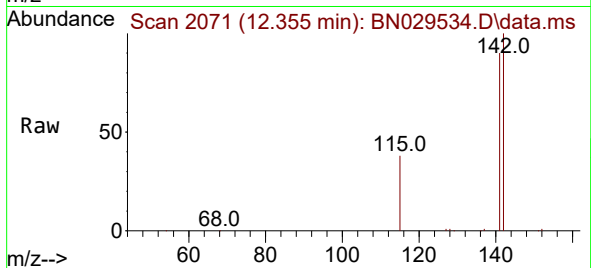




#7
2-Methylnaphthalene
Concen: 1.425 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

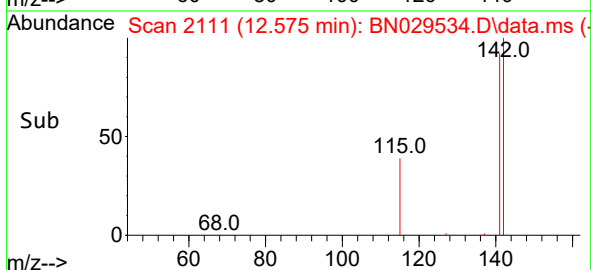
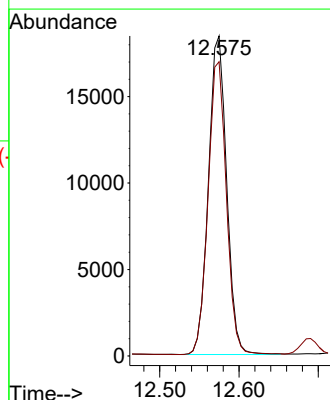
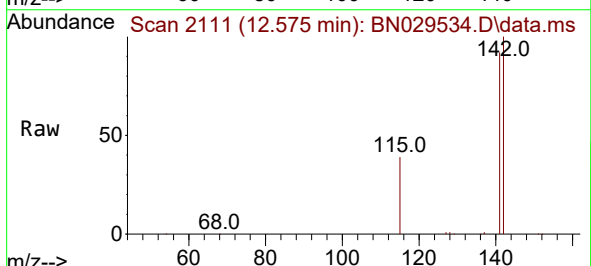
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

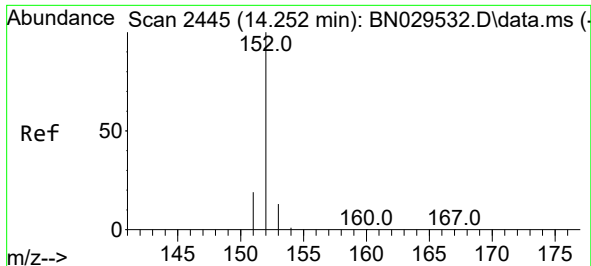
Tgt Ion:142 Resp: 29387
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 1.403 ng/ul
RT: 12.575 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:142 Resp: 29381
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

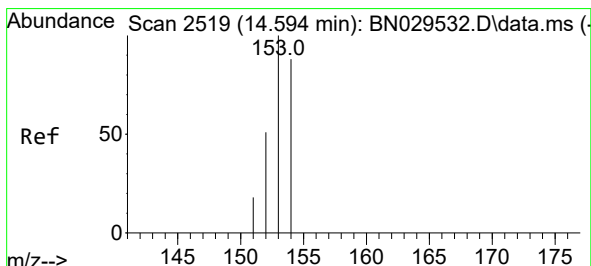
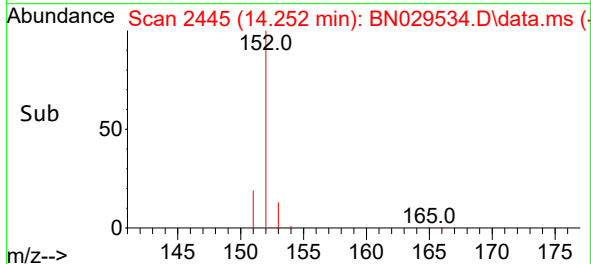
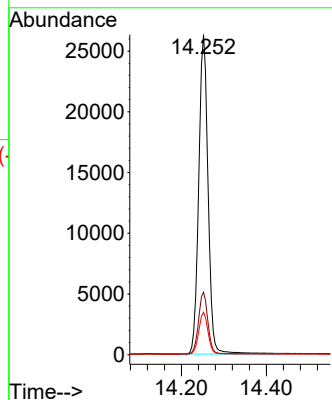
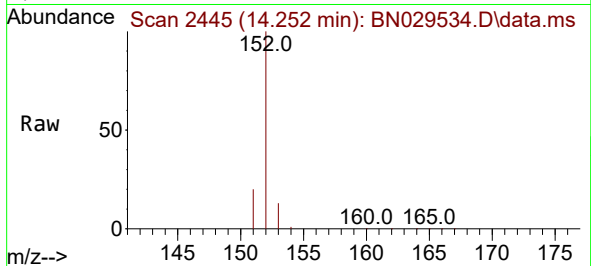




#10
Acenaphthylene
Concen: 1.614 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

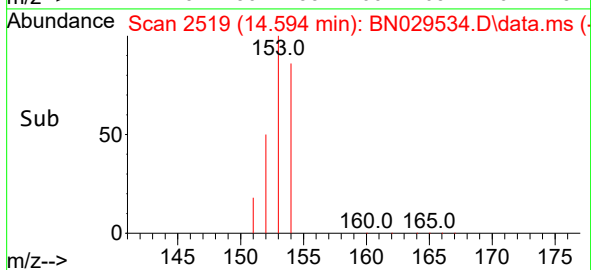
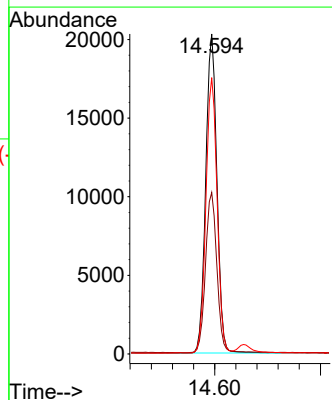
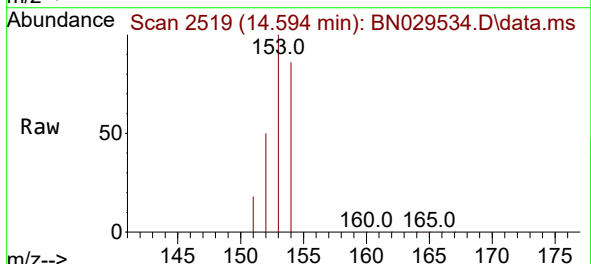
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BNA_N
ClientSampleId :
SSTD1.6227

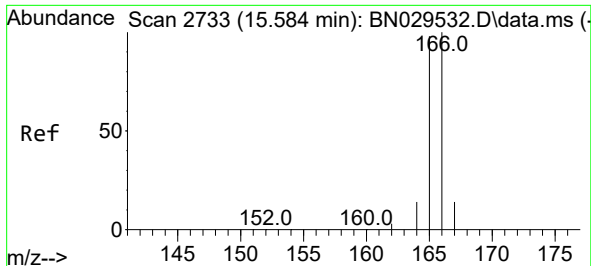
Tgt Ion:152 Resp: 40052
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 1.631 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:153 Resp: 29776
Ion Ratio Lower Upper
153 100
152 50.4 41.5 62.3
154 86.4 70.9 106.3

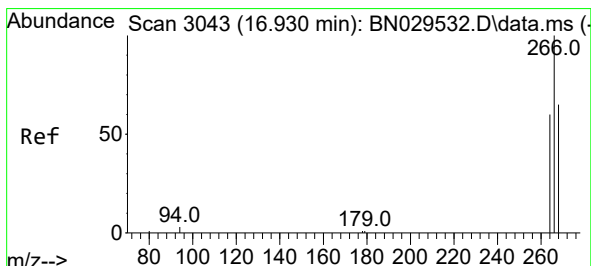
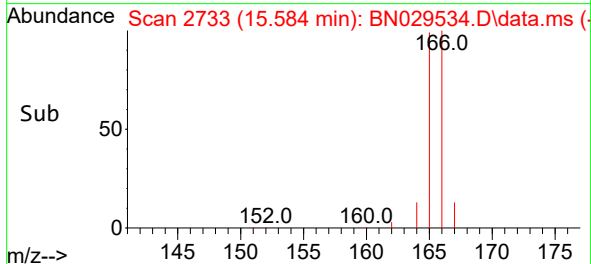
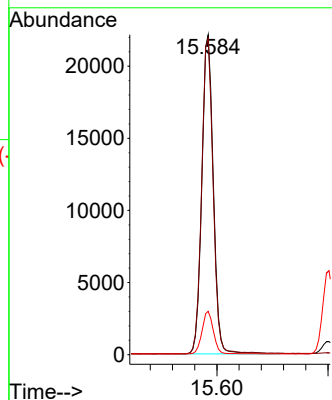
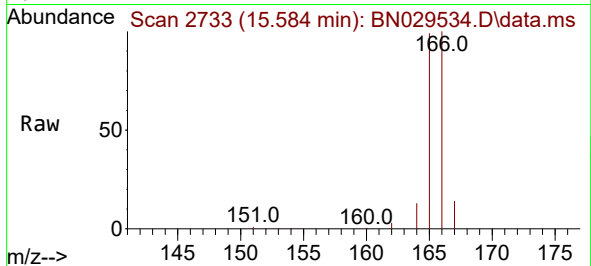




#12
Fluorene
Concen: 1.498 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

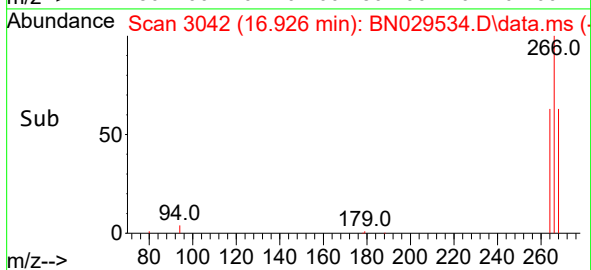
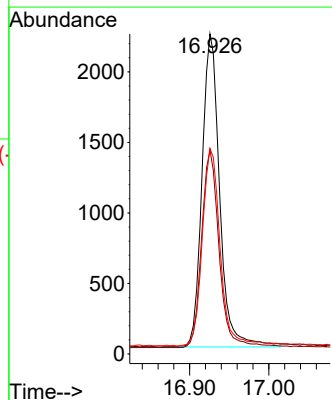
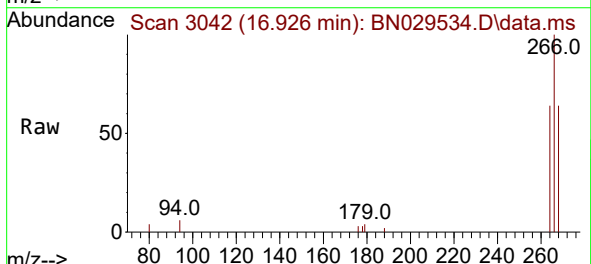
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

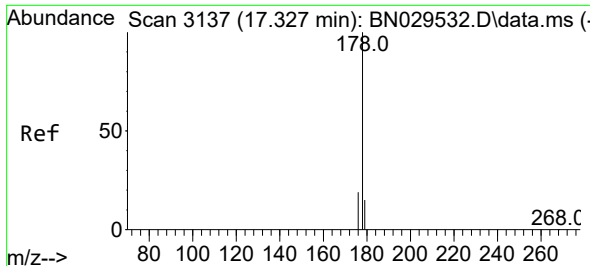
Tgt Ion:166 Resp: 31820
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.6 11.5 17.3



#14
Pentachlorophenol
Concen: 1.549 ng/ul
RT: 16.926 min Scan# 3042
Delta R.T. -0.004 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:266 Resp: 3441
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 64.1 0.2 0.2#

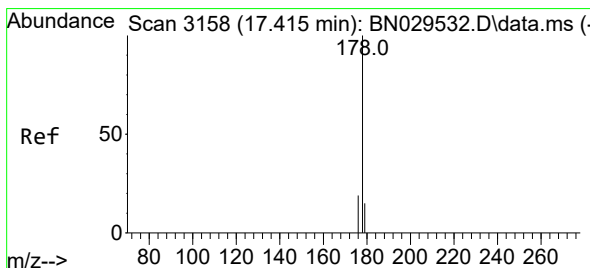
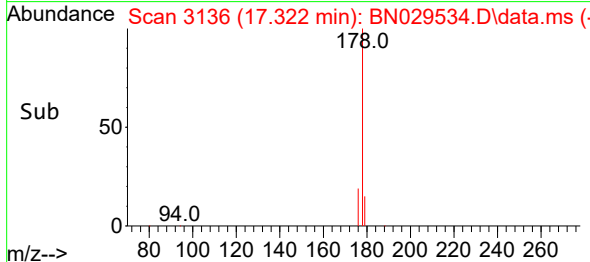
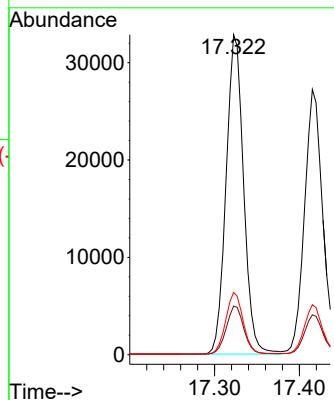
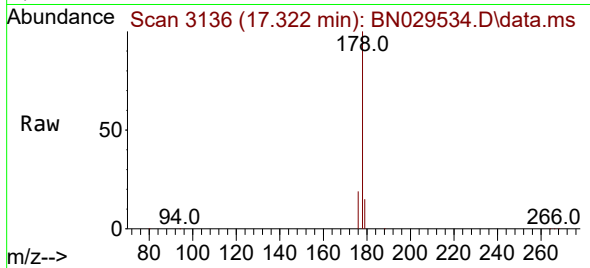




#15
Phenanthrene
Concen: 1.657 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

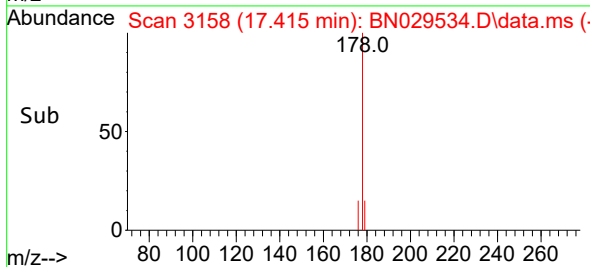
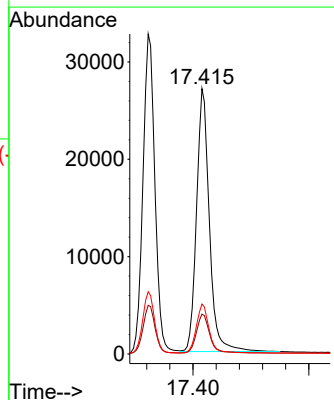
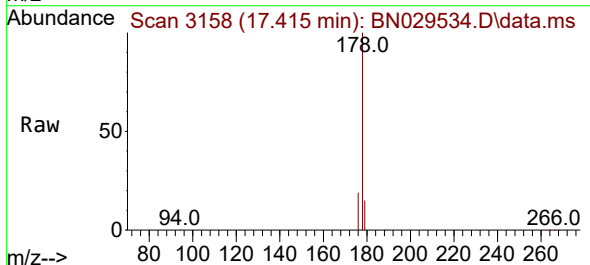
Instrument :
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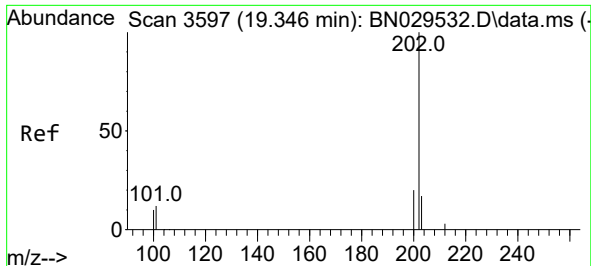
Tgt Ion:178 Resp: 47122
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.4 15.7 23.5



#16
Anthracene
Concen: 1.594 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:178 Resp: 41561
Ion Ratio Lower Upper
178 100
179 15.0 12.9 19.3
176 18.8 15.8 23.8

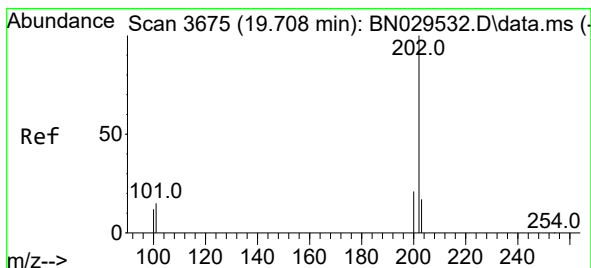
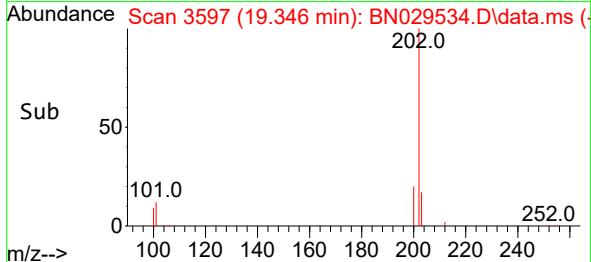
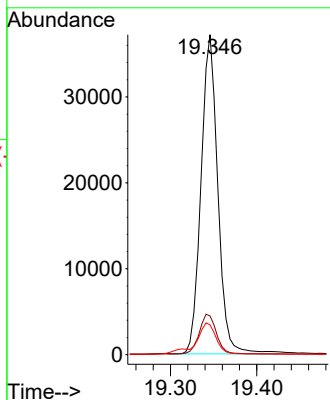
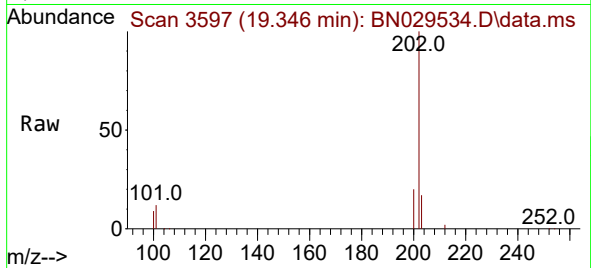




#19
Fluoranthene
Concen: 1.716 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

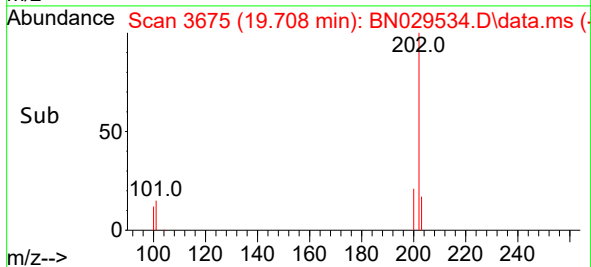
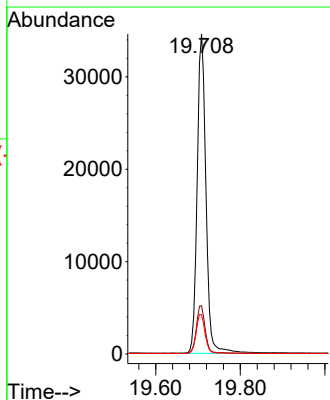
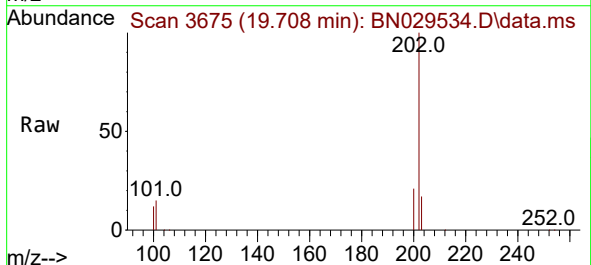
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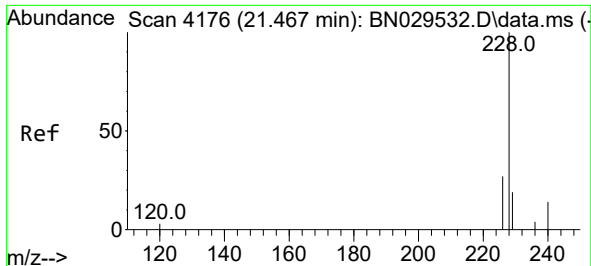
Tgt Ion:202 Resp: 50358
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 9.3 8.5 12.7



#20
Pyrene
Concen: 1.638 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

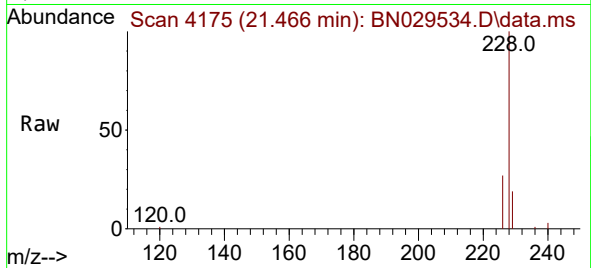
Tgt Ion:202 Resp: 49821
Ion Ratio Lower Upper
202 100
101 15.1 12.5 18.7
100 12.2 10.0 15.0



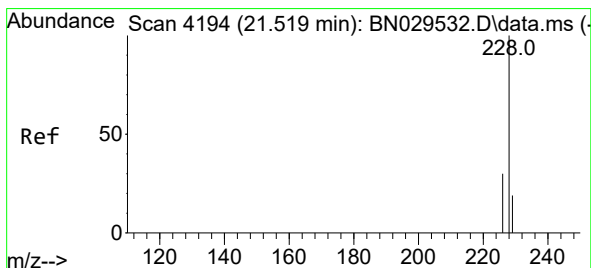
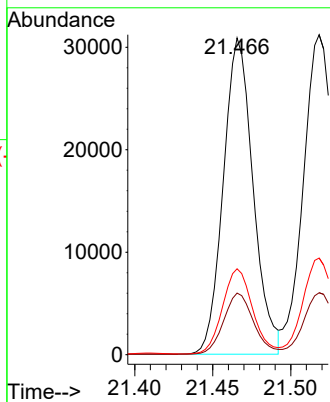
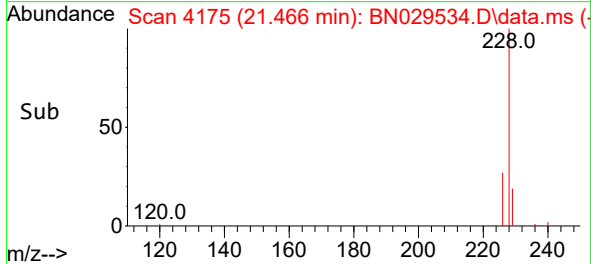


#21
Benzo(a)anthracene
Concen: 1.503 ng/ul
RT: 21.466 min Scan# 4175
Delta R.T. -0.001 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

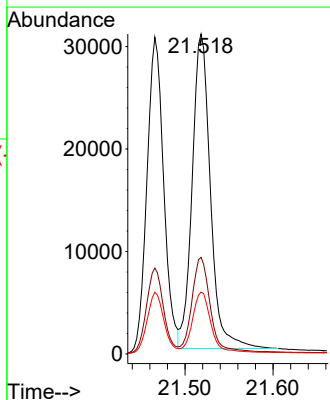
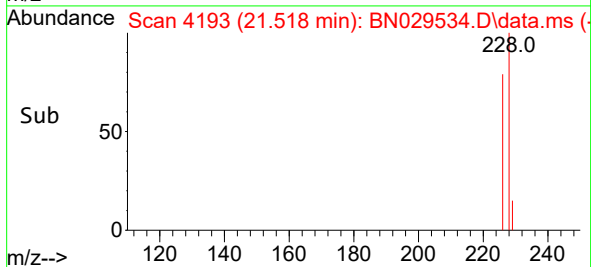
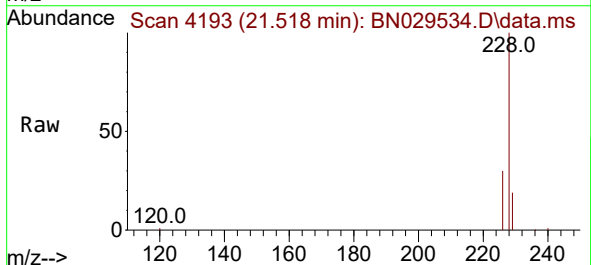


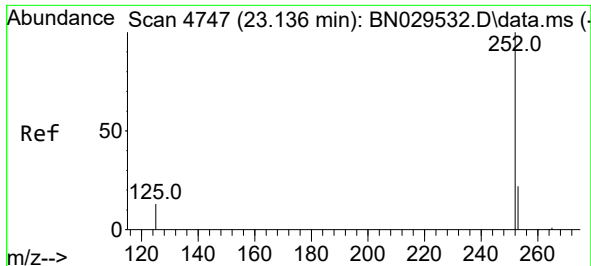
Tgt Ion:228 Resp: 41018
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.1 22.2 33.4



#22
Chrysene
Concen: 1.662 ng/ul
RT: 21.518 min Scan# 4193
Delta R.T. -0.001 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:228 Resp: 44341
Ion Ratio Lower Upper
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226 30.2 24.2 36.2
229 19.4 15.7 23.5

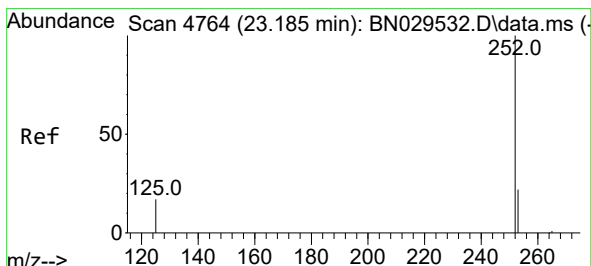
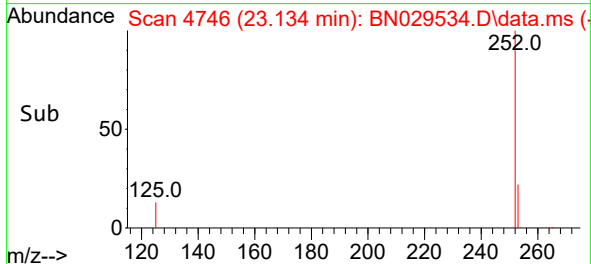
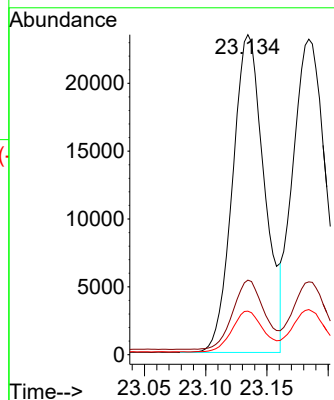
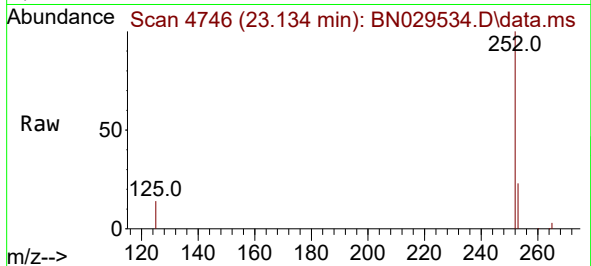




#24
Benzo(b)fluoranthene
Concen: 1.730 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. -0.001 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

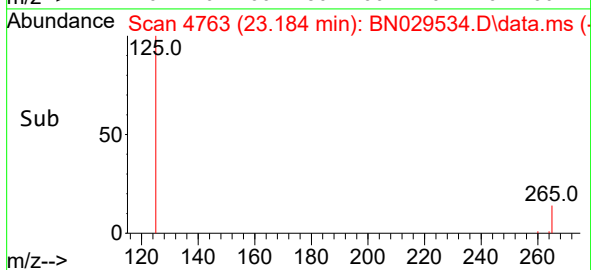
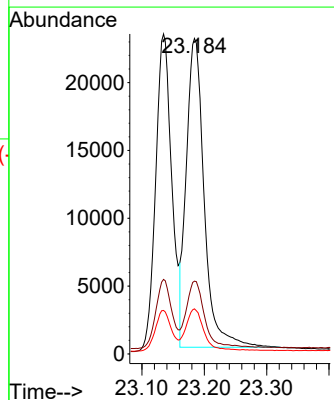
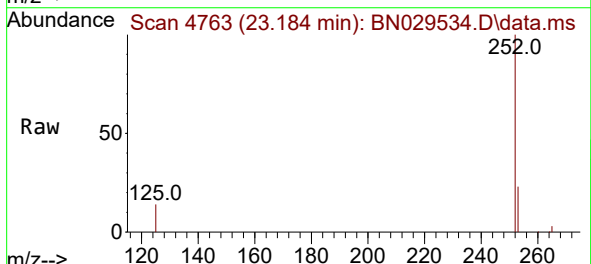
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

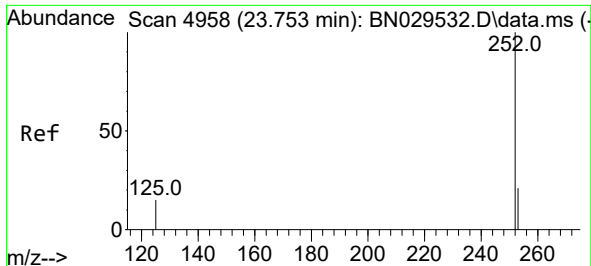
Tgt Ion:252 Resp: 42409
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.8
125 13.6 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 1.771 ng/ul
RT: 23.184 min Scan# 4763
Delta R.T. -0.001 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:252 Resp: 45449
Ion Ratio Lower Upper
252 100
253 23.1 22.6 33.8
125 14.3 15.3 22.9#

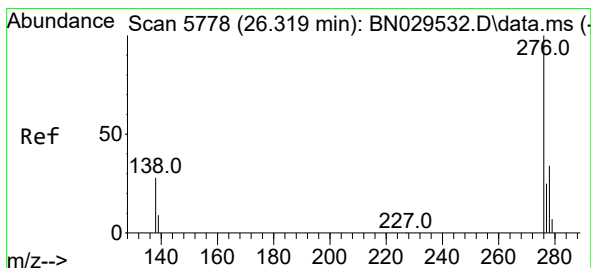
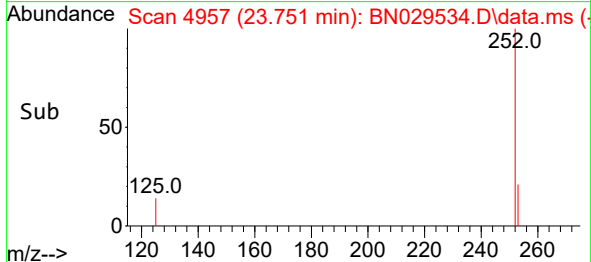
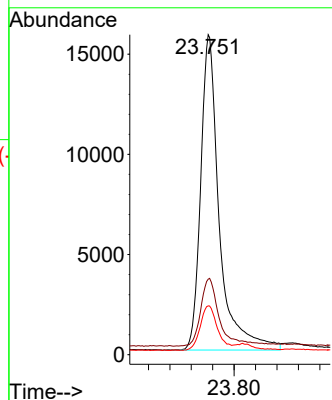
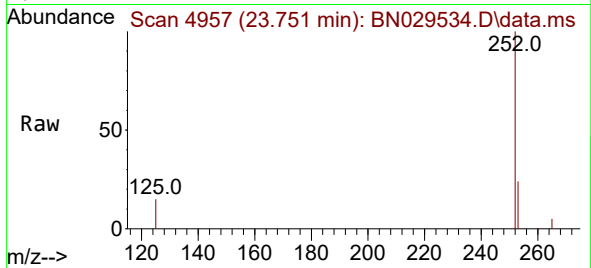




#26
Benzo(a)pyrene
Concen: 1.640 ng/ul
RT: 23.751 min Scan# 4958
Delta R.T. -0.001 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

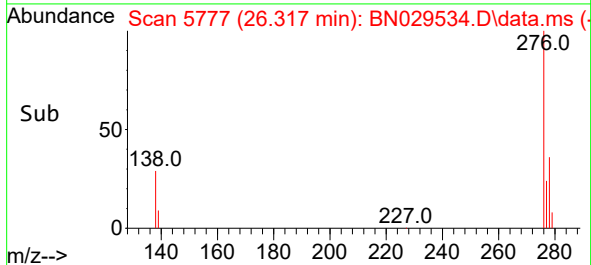
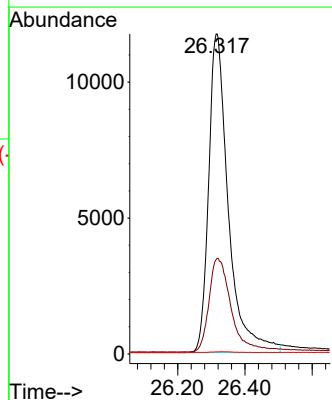
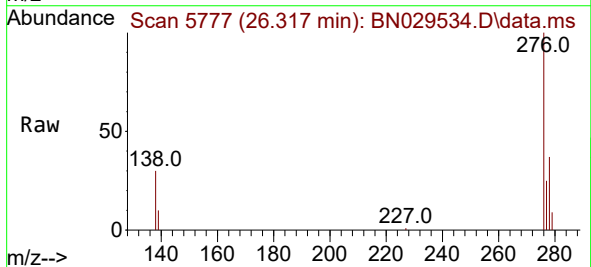
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

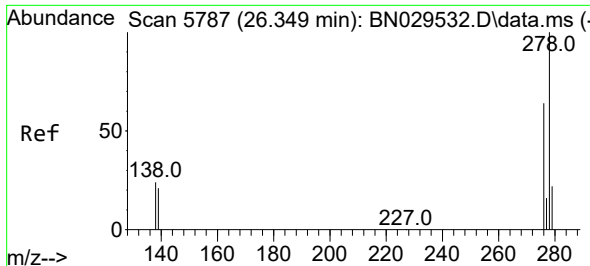
Tgt Ion:252 Resp: 37930
Ion Ratio Lower Upper
252 100
253 23.6 25.4 38.0#
125 15.3 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.862 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. -0.002 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:276 Resp: 47788
Ion Ratio Lower Upper
276 100
138 33.0 0.0 0.0#
227 0.0 0.0 0.0

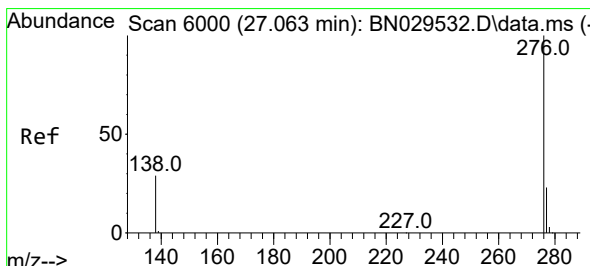
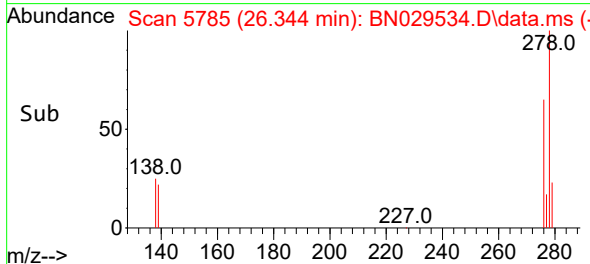
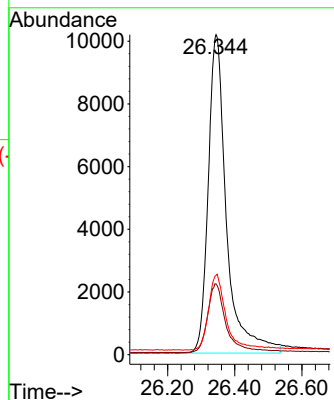
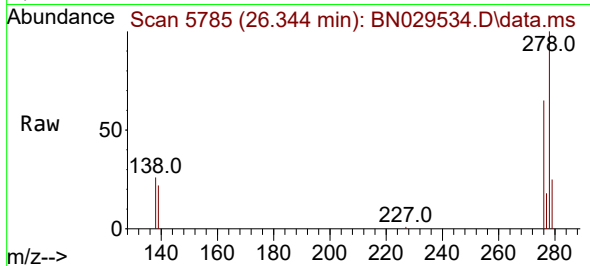




#28
Dibenzo(a,h)anthracene
Concen: 1.865 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:278 Resp: 38262
Ion Ratio Lower Upper
278 100
139 22.1 19.0 28.4
279 24.8 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 2.013 ng/ul
RT: 27.065 min Scan# 6000
Delta R.T. 0.002 min
Lab File: BN029534.D
Acq: 06 Feb 2024 12:55

Tgt Ion:276 Resp: 42360
Ion Ratio Lower Upper
276 100
138 28.3 24.6 37.0
277 23.8 19.7 29.5

