

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029535.D
 Acq On : 06 Feb 2024 13:31
 Operator : MA/JU
 Sample : SSTD3.255
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2228

Quant Time: Feb 07 02:11:54 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)

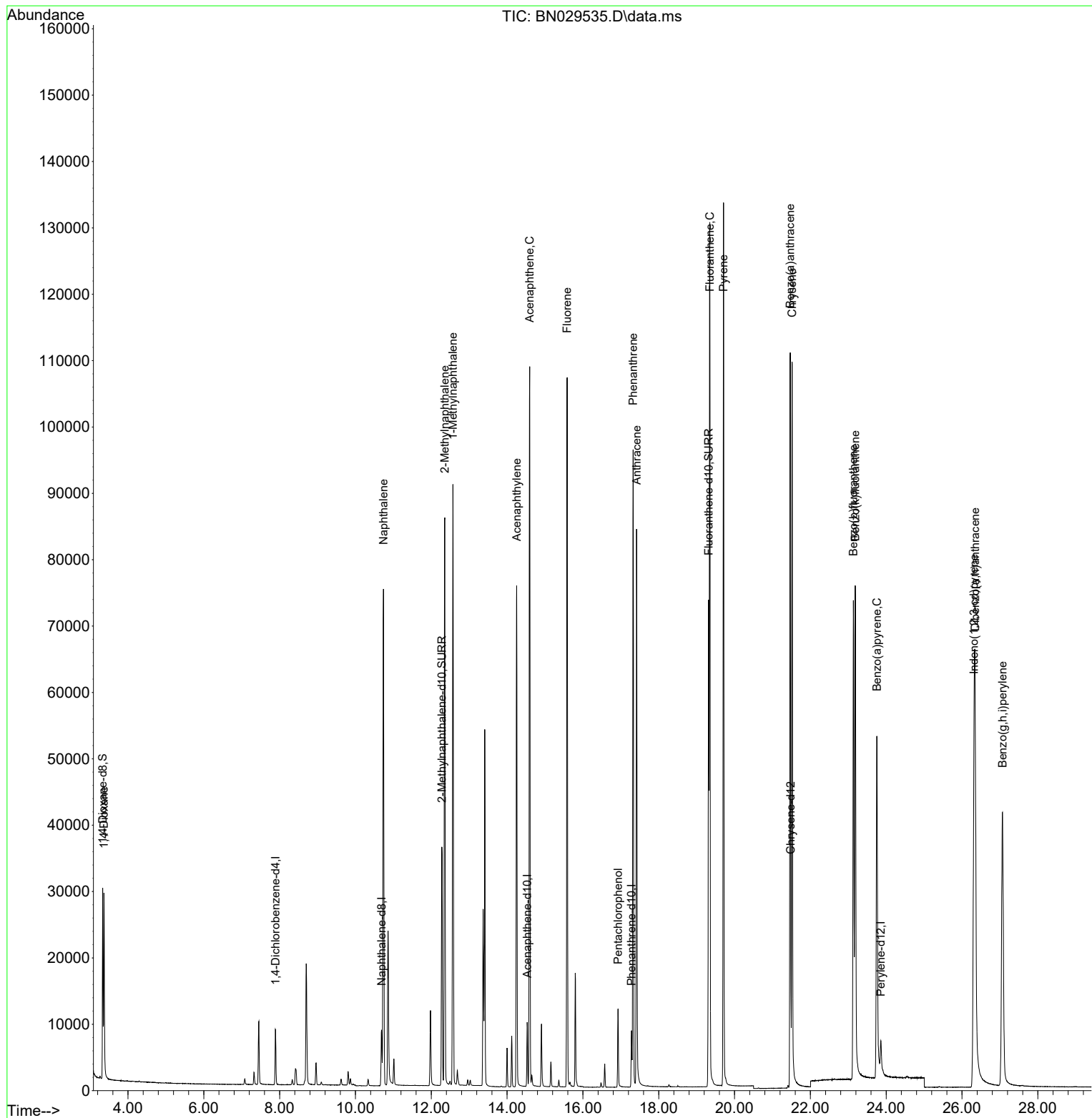
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	4232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	11372	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	5180	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.281	188	9723	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	7755	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	7108	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	16904	3.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	47920	2.799	ng/ul	0.00
18) Fluoranthene-d10	19.314	212	77234	3.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	18466	3.572	ng/ul#	83
5) Naphthalene	10.738	128	102555	3.218	ng/ul	98
7) 2-Methylnaphthalene	12.355	142	60960	2.903	ng/ul	100
8) 1-Methylnaphthalene	12.569	142	60439	2.835	ng/ul	99
10) Acenaphthylene	14.253	152	85665	3.314	ng/ul	99
11) Acenaphthene	14.595	153	62500	3.285	ng/ul	98
12) Fluorene	15.585	166	67484	3.049	ng/ul	99
14) Pentachlorophenol	16.927	266	7599	3.257	ng/ul#	50
15) Phenanthrene	17.323	178	101071	3.383	ng/ul	99
16) Anthracene	17.416	178	92048	3.360	ng/ul	98
19) Fluoranthene	19.347	202	110635	3.354	ng/ul	98
20) Pyrene	19.709	202	109760	3.211	ng/ul	99
21) Benzo(a)anthracene	21.468	228	96765	3.156	ng/ul	99
22) Chrysene	21.517	228	98836	3.297	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	94604	3.546	ng/ul	90
25) Benzo(k)fluoranthene	23.183	252	102758	3.678	ng/ul#	88
26) Benzo(a)pyrene	23.753	252	86244	3.425	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.316	276	107844	3.859	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.343	278	86732	3.883	ng/ul	93
29) Benzo(g,h,i)perylene	27.067	276	93547	4.083	ng/ul	97

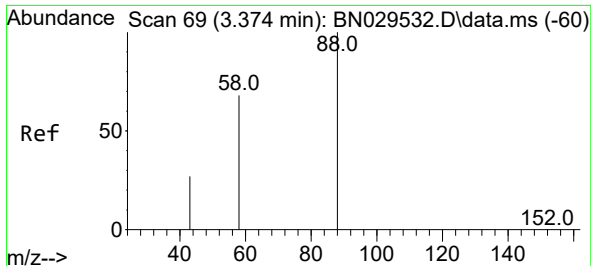
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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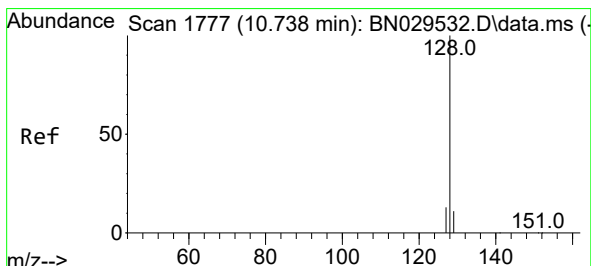
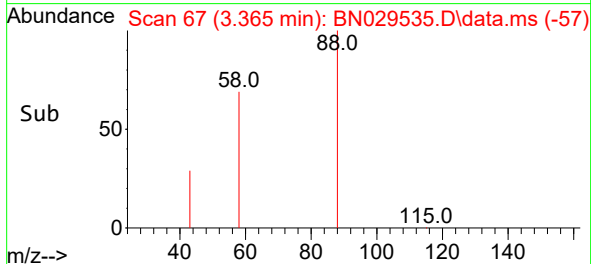
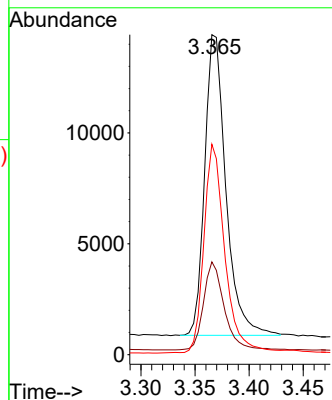
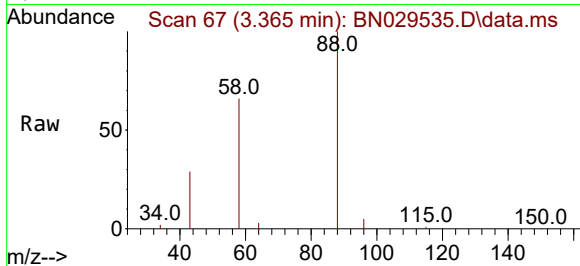




#2
1,4-Dioxane
Concen: 3.572 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

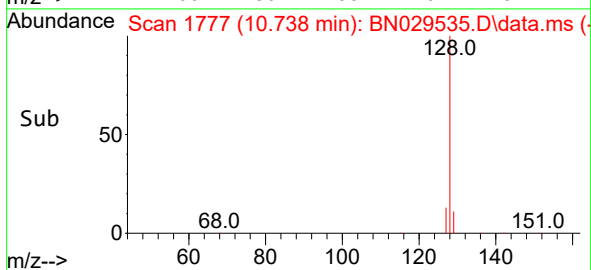
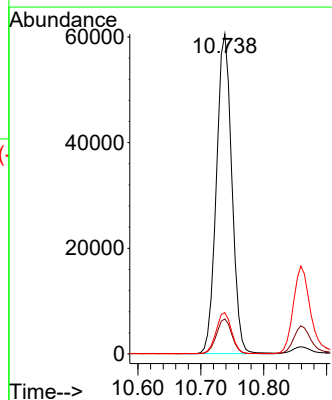
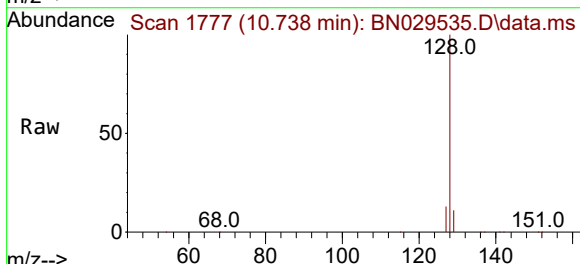
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

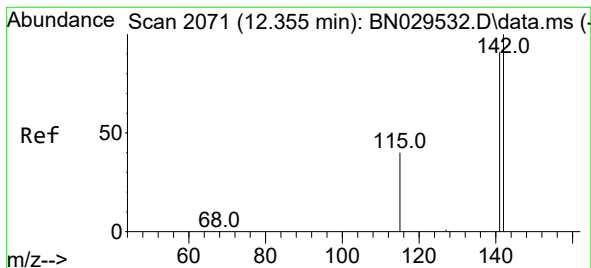
Tgt Ion: 88 Resp: 18466
Ion Ratio Lower Upper
88 100
43 29.0 21.8 32.6
58 65.8 39.3 58.9#



#5
Naphthalene
Concen: 3.218 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:128 Resp: 102555
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 11.0 16.6

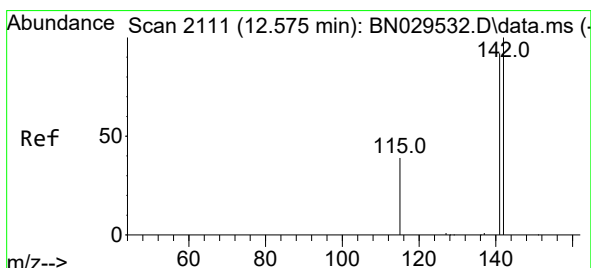
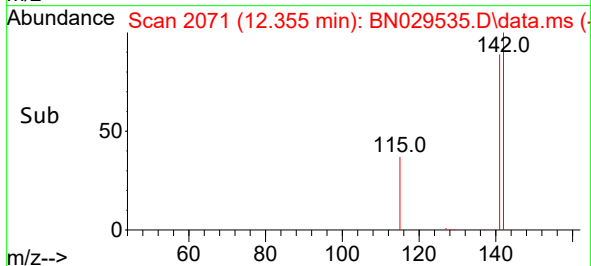
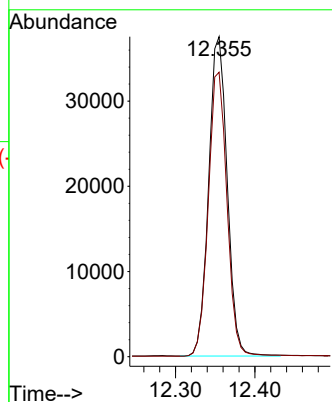
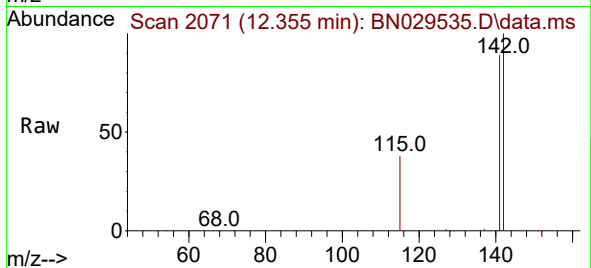




#7
2-Methylnaphthalene
Concen: 2.903 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

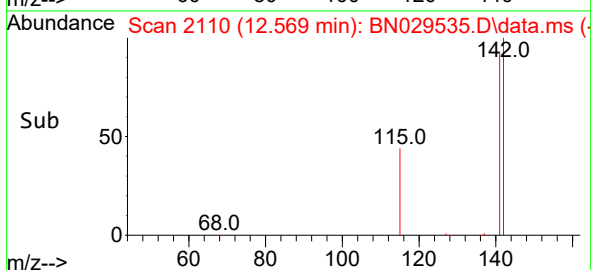
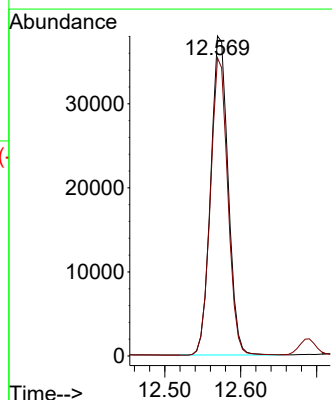
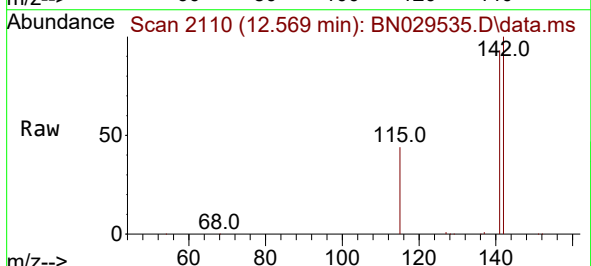
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

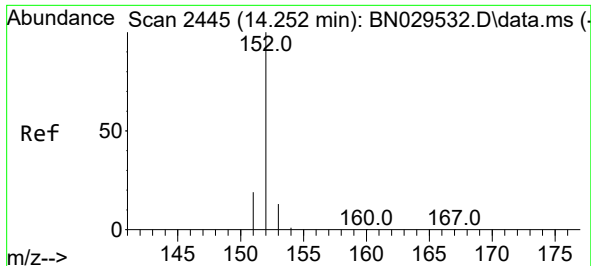
Tgt Ion:142 Resp: 60960
Ion Ratio Lower Upper
142 100
141 89.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 2.835 ng/ul
RT: 12.569 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:142 Resp: 60439
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

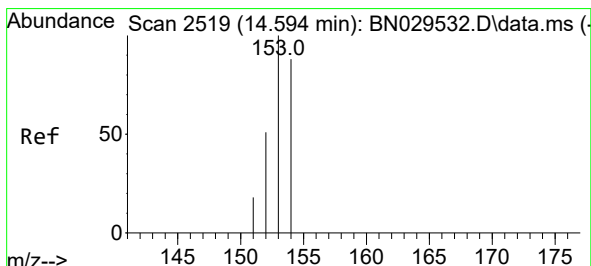
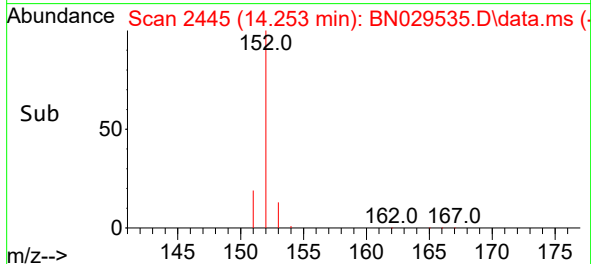
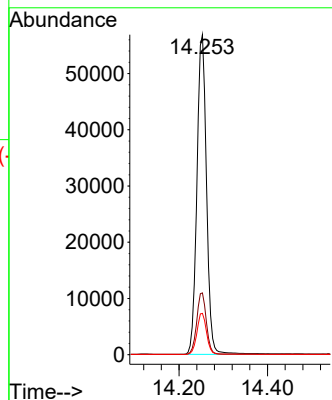
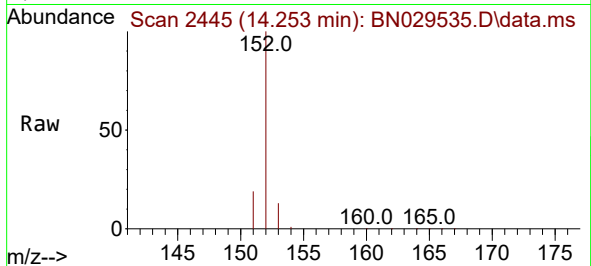




#10
Acenaphthylene
Concen: 3.314 ng/ul
RT: 14.253 min Scan# 2445
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

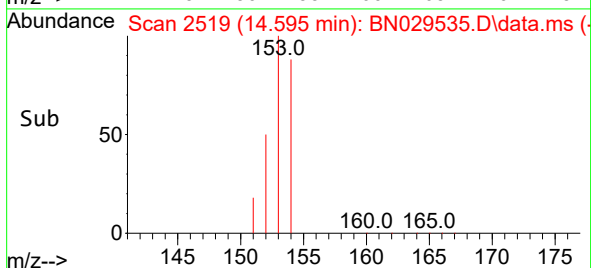
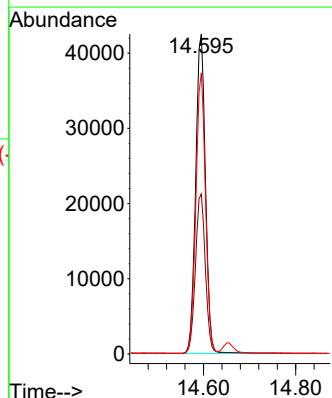
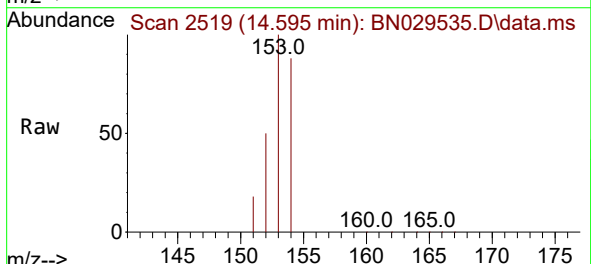
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

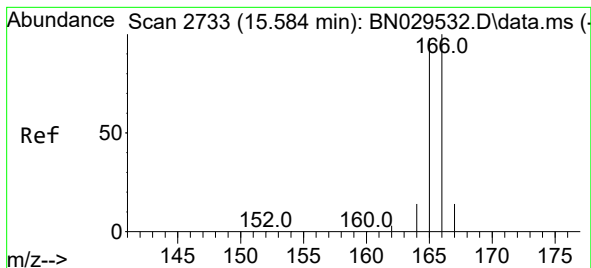
Tgt Ion:152 Resp: 85665
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.9 10.9 16.3



#11
Acenaphthene
Concen: 3.285 ng/ul
RT: 14.595 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:153 Resp: 62500
Ion Ratio Lower Upper
153 100
152 50.0 41.5 62.3
154 87.9 70.9 106.3





#12

Fluorene

Concen: 3.049 ng/ul

RT: 15.585 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN029535.D

Acq: 06 Feb 2024 13:31

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228

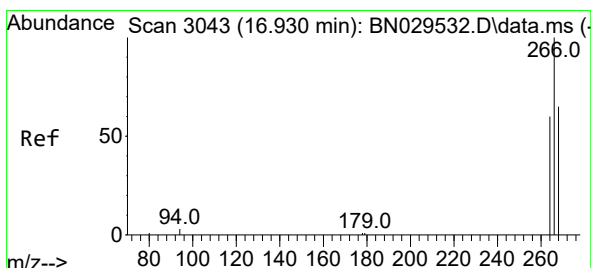
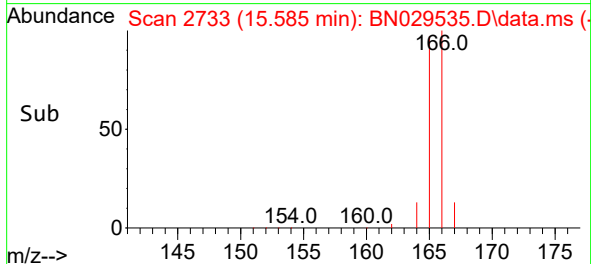
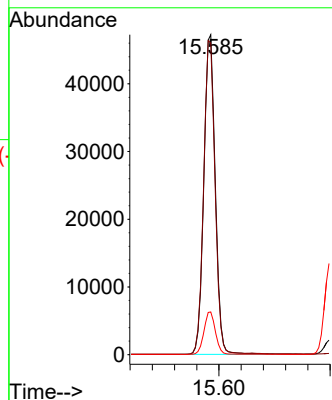
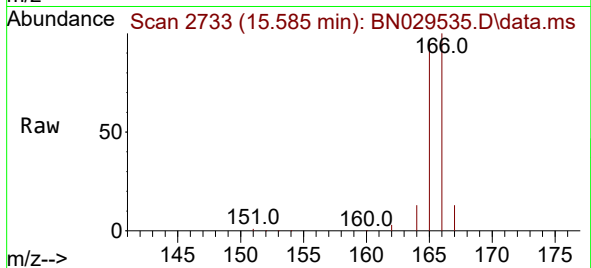
Tgt Ion:166 Resp: 67484

Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

167 13.3 11.5 17.3



#14

Pentachlorophenol

Concen: 3.257 ng/ul

RT: 16.927 min Scan# 3042

Delta R.T. -0.003 min

Lab File: BN029535.D

Acq: 06 Feb 2024 13:31

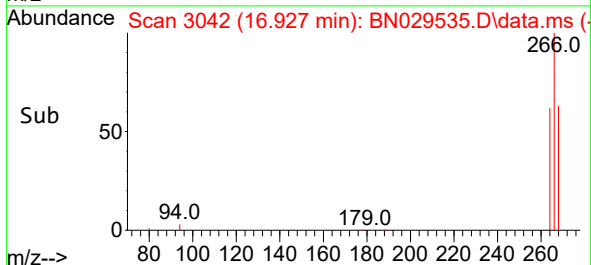
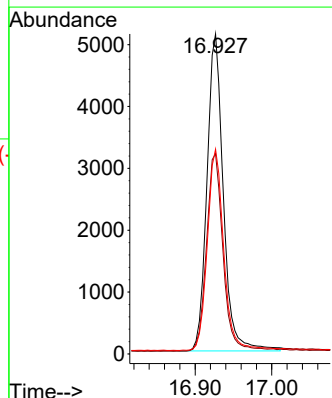
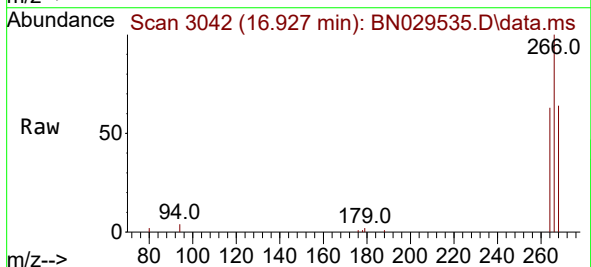
Tgt Ion:266 Resp: 7599

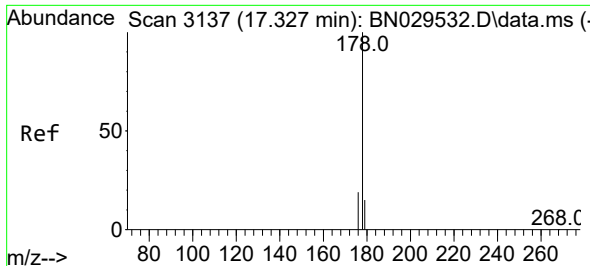
Ion Ratio Lower Upper

266 100

264 63.2 0.0 0.0#

268 63.9 0.2 0.2#

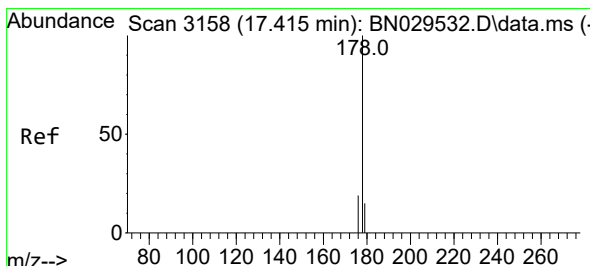
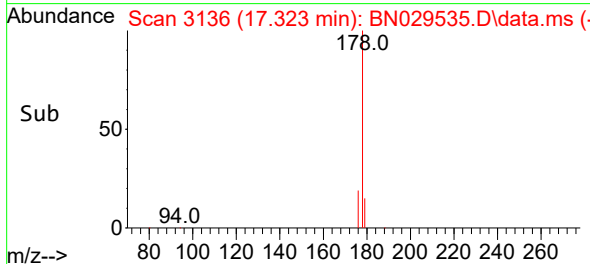
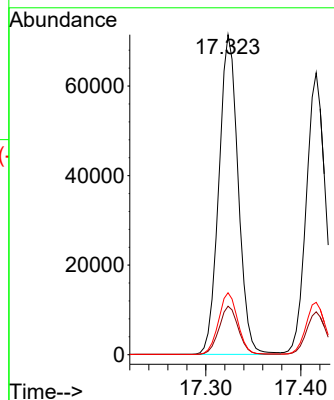
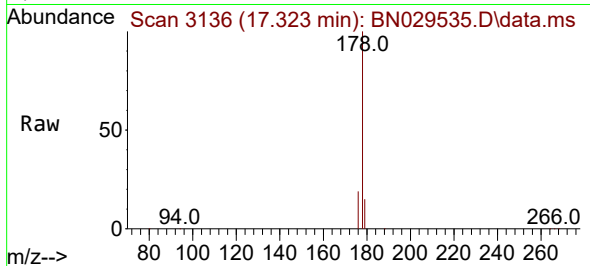




#15
Phenanthrene
Concen: 3.383 ng/ul
RT: 17.323 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

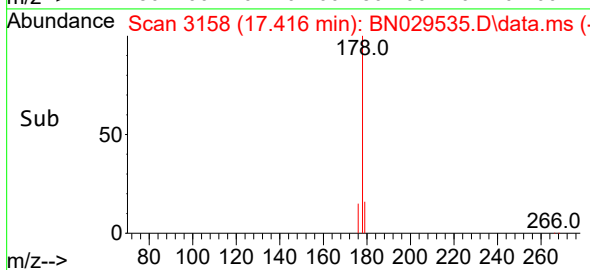
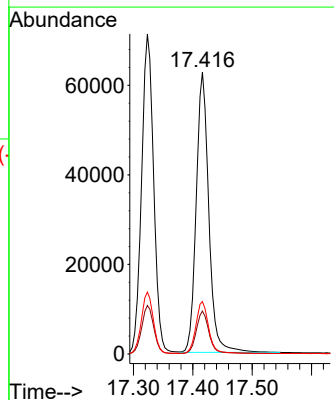
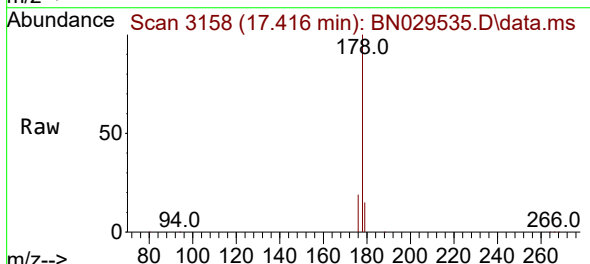
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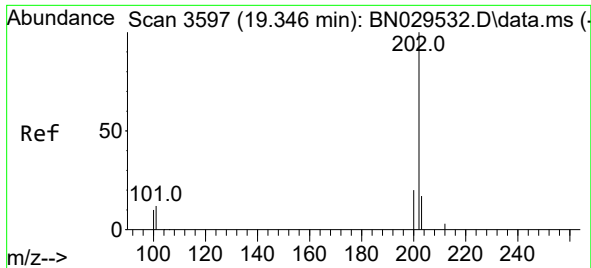
Tgt Ion:178 Resp: 101071
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.4 15.7 23.5



#16
Anthracene
Concen: 3.360 ng/ul
RT: 17.416 min Scan# 3158
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:178 Resp: 92048
Ion Ratio Lower Upper
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179 15.2 12.9 19.3
176 18.5 15.8 23.8

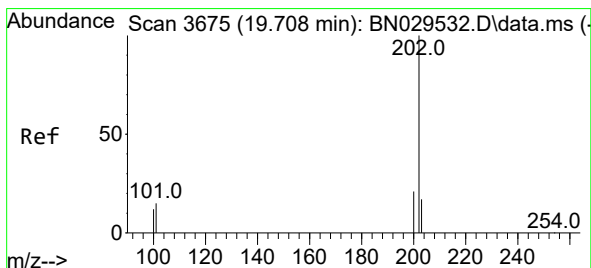
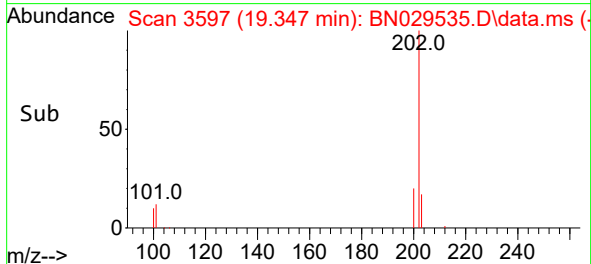
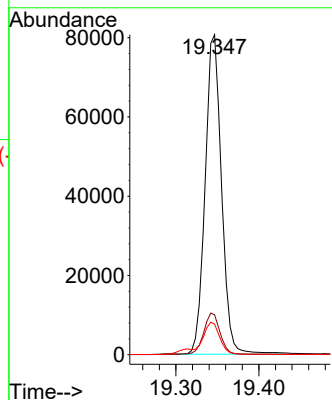
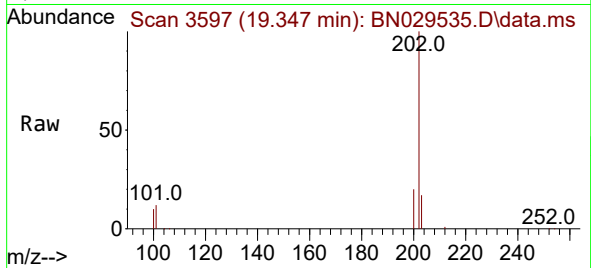




#19
Fluoranthene
Concen: 3.354 ng/ul
RT: 19.347 min Scan# 3597
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

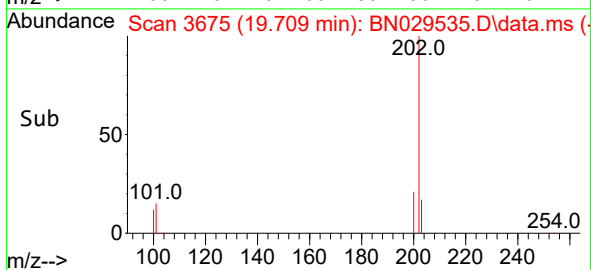
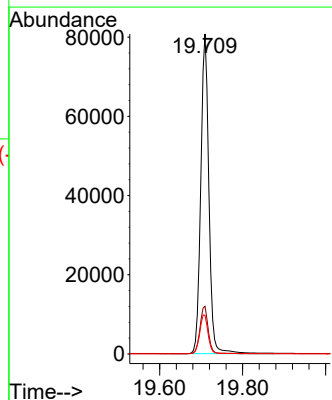
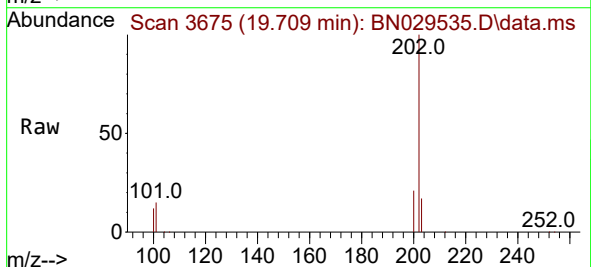
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ClientSampleId :
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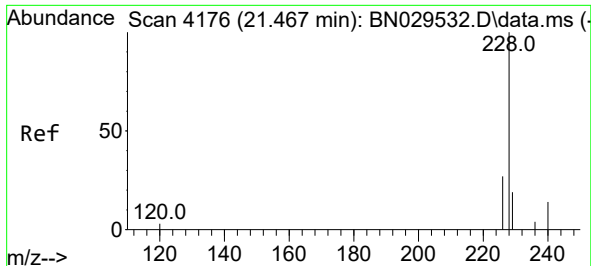
Tgt Ion:202 Resp: 110635
Ion Ratio Lower Upper
202 100
101 12.4 10.4 15.6
100 9.6 8.5 12.7



#20
Pyrene
Concen: 3.211 ng/ul
RT: 19.709 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:202 Resp: 109760
Ion Ratio Lower Upper
202 100
101 14.9 12.5 18.7
100 12.1 10.0 15.0

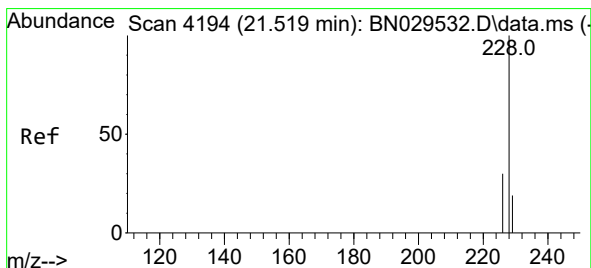
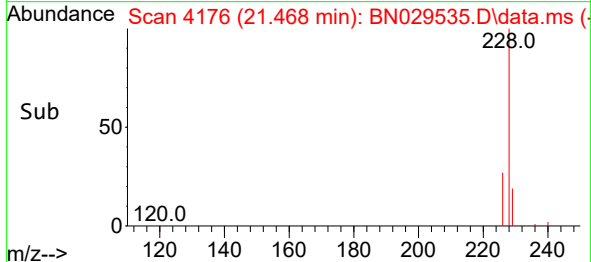
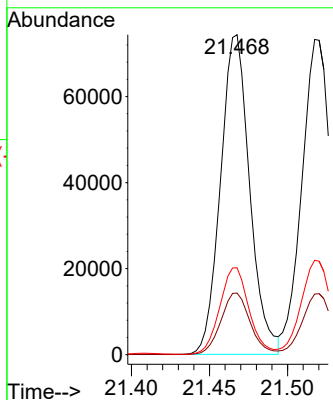
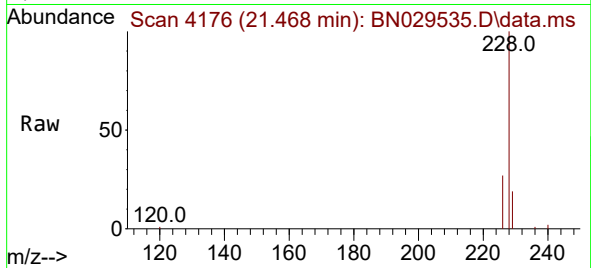




#21
Benzo(a)anthracene
Concen: 3.156 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

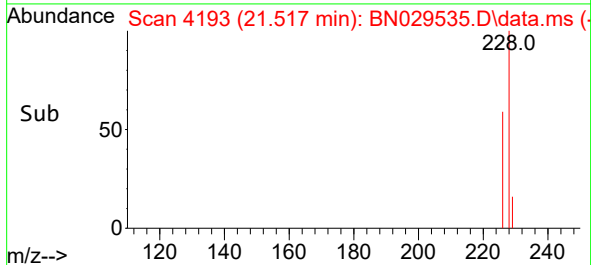
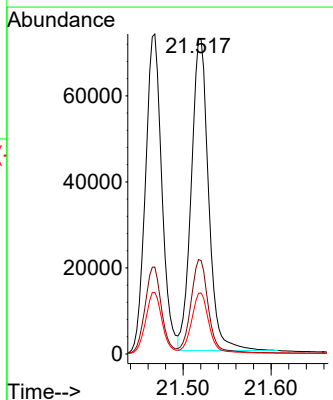
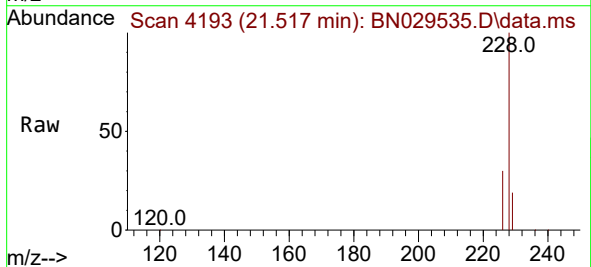
Instrument :
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SSTD3.2228

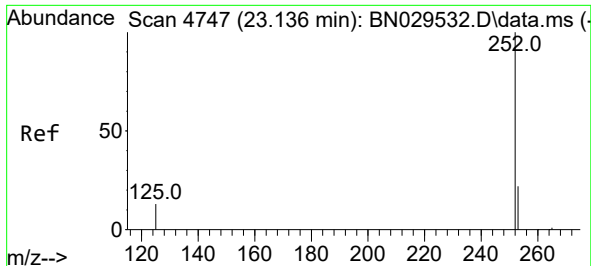
Tgt Ion:	228	Resp:	96765
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.7	23.5
226	27.2	22.2	33.4



#22
Chrysene
Concen: 3.297 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.002 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

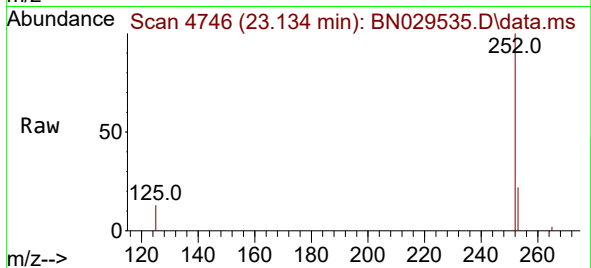
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Ion Ratio	Lower	Upper	
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226	29.9	24.2	36.2
229	19.2	15.7	23.5



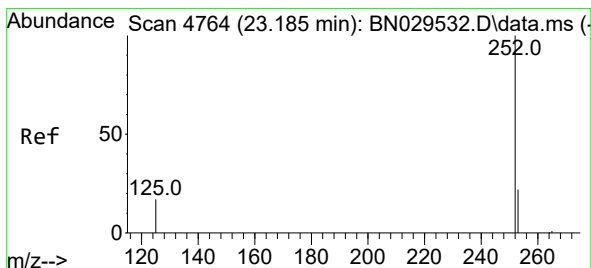
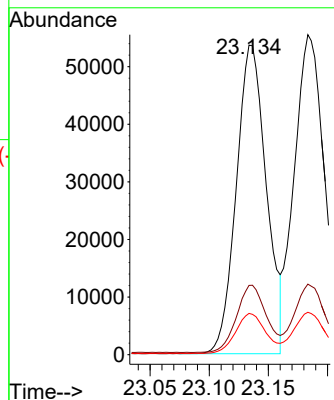


#24
Benzo(b)fluoranthene
Concen: 3.546 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

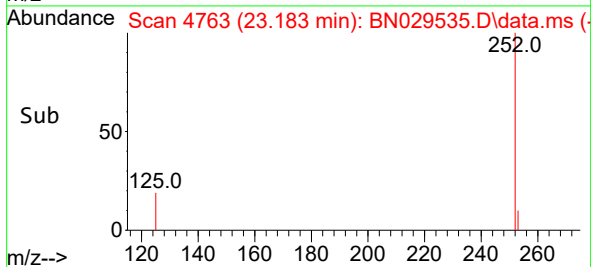
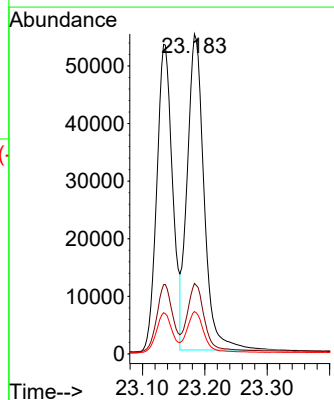
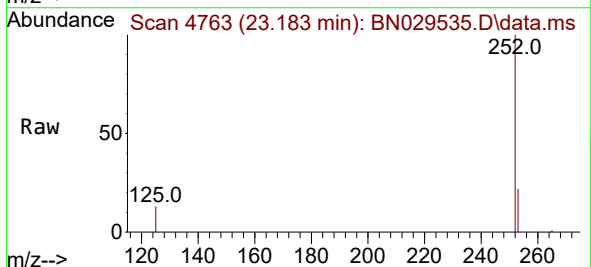


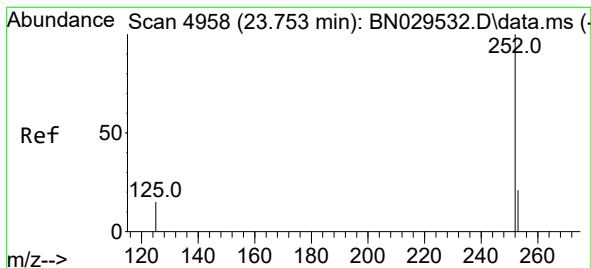
Tgt Ion:252 Resp: 94604
Ion Ratio Lower Upper
252 100
253 22.4 0.0 56.8
125 13.3 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 3.678 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. -0.002 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:252 Resp: 102758
Ion Ratio Lower Upper
252 100
253 22.0 22.6 33.8#
125 13.3 15.3 22.9#





#26

Benzo(a)pyrene

Concen: 3.425 ng/ul

RT: 23.753 min Scan# 4958

Delta R.T. 0.001 min

Lab File: BN029535.D

Acq: 06 Feb 2024 13:31

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228

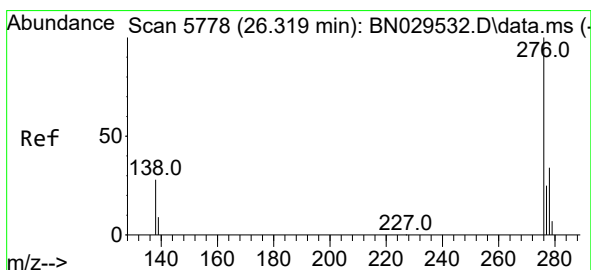
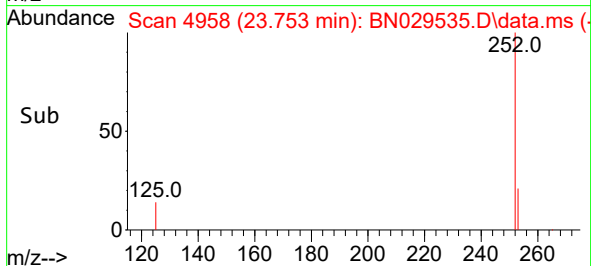
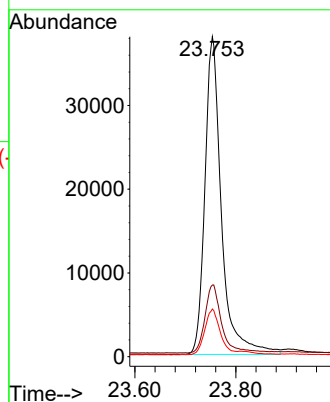
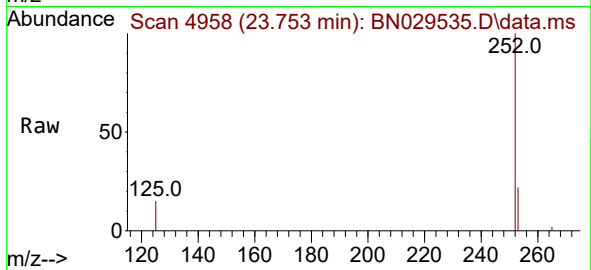
Tgt Ion:252 Resp: 86244

Ion Ratio Lower Upper

252 100

253 22.4 25.4 38.0#

125 14.9 16.0 24.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.859 ng/ul

RT: 26.316 min Scan# 5777

Delta R.T. -0.002 min

Lab File: BN029535.D

Acq: 06 Feb 2024 13:31

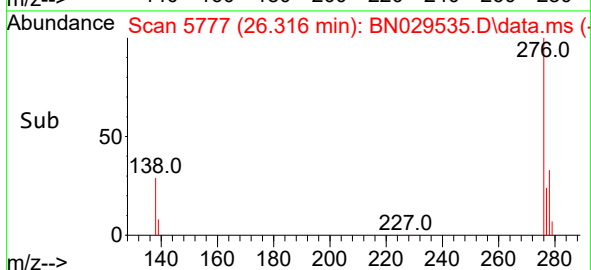
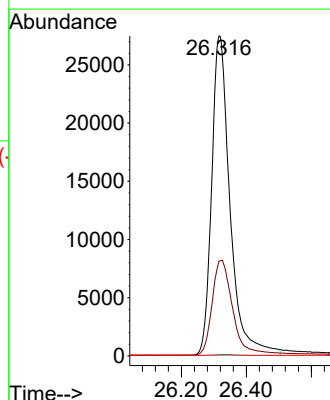
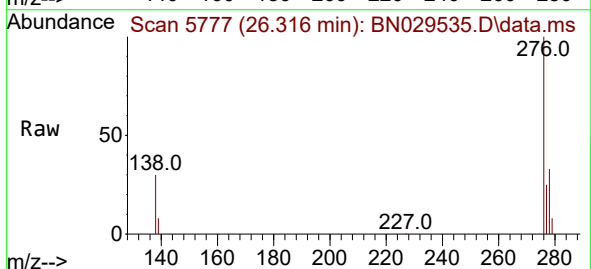
Tgt Ion:276 Resp: 107844

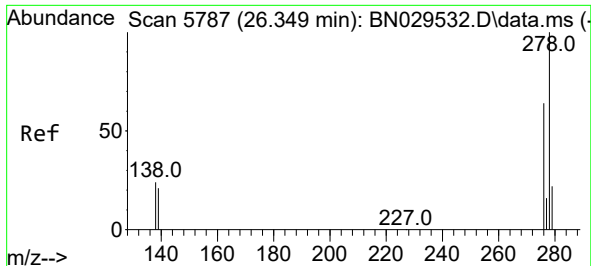
Ion Ratio Lower Upper

276 100

138 33.1 0.0 0.0#

227 0.2 0.0 0.0#

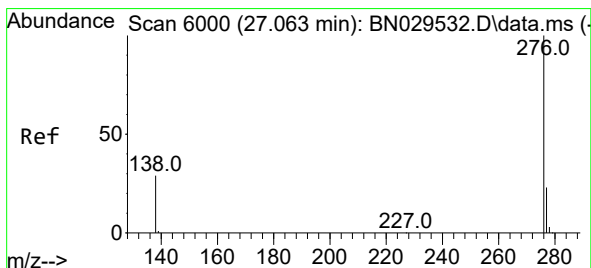
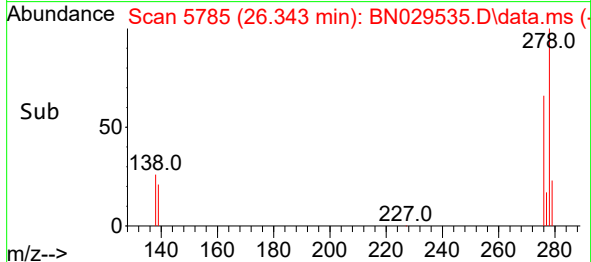
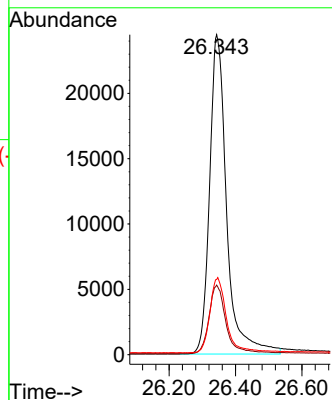
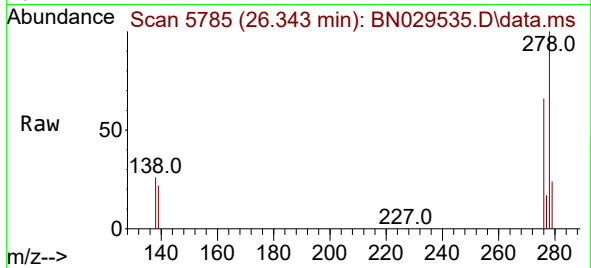




#28
Dibenzo(a,h)anthracene
Concen: 3.883 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:278 Resp: 86732
Ion Ratio Lower Upper
278 100
139 21.7 19.0 28.4
279 23.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 4.083 ng/ul
RT: 27.067 min Scan# 6001
Delta R.T. 0.004 min
Lab File: BN029535.D
Acq: 06 Feb 2024 13:31

Tgt Ion:276 Resp: 93547
Ion Ratio Lower Upper
276 100
138 28.4 24.6 37.0
277 23.9 19.7 29.5

