

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029533.D
 Acq On : 06 Feb 2024 12:19
 Operator : MA/JU
 Sample : SST0.853
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8226

Quant Time: Feb 07 02:11:29 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

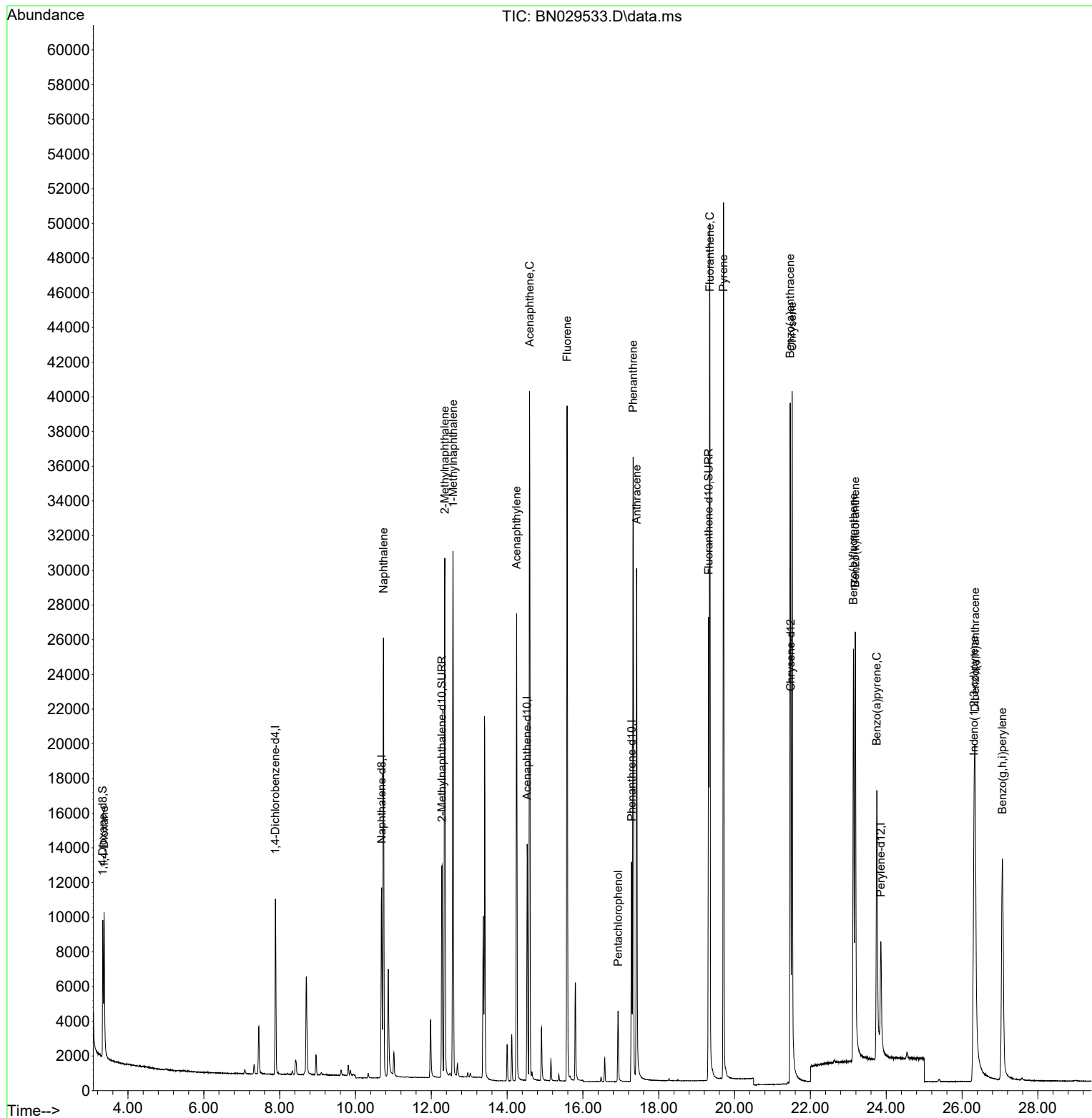
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	5351	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	14970	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	7432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	14882	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	10953	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	9983	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	5457	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	16612	0.737	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	29844	0.847	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	5794	0.886	ng/ul	91
5) Naphthalene	10.738	128	35049	0.835	ng/ul	98
7) 2-Methylnaphthalene	12.355	142	21131	0.765	ng/ul	100
8) 1-Methylnaphthalene	12.575	142	21153	0.754	ng/ul	99
10) Acenaphthylene	14.252	152	30520	0.823	ng/ul	99
11) Acenaphthene	14.594	153	22996	0.842	ng/ul	99
12) Fluorene	15.584	166	25219	0.794	ng/ul	99
14) Pentachlorophenol	16.926	266	2757	0.772	ng/ul#	50
15) Phenanthrene	17.322	178	39013	0.853	ng/ul	100
16) Anthracene	17.415	178	34038	0.812	ng/ul	98
19) Fluoranthene	19.346	202	42610	0.915	ng/ul	99
20) Pyrene	19.708	202	42386	0.878	ng/ul	100
21) Benzo(a)anthracene	21.467	228	33779	0.780	ng/ul	99
22) Chrysene	21.519	228	36287	0.857	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	32385	0.864	ng/ul	92
25) Benzo(k)fluoranthene	23.182	252	36113	0.920	ng/ul#	91
26) Benzo(a)pyrene	23.753	252	28978	0.819	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.315	276	34031	0.867	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.342	278	27053	0.862	ng/ul	96
29) Benzo(g,h,i)perylene	27.063	276	30157	0.937	ng/ul	98

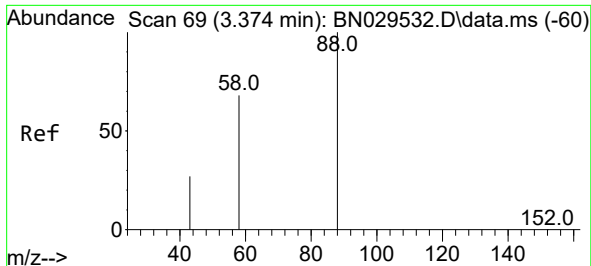
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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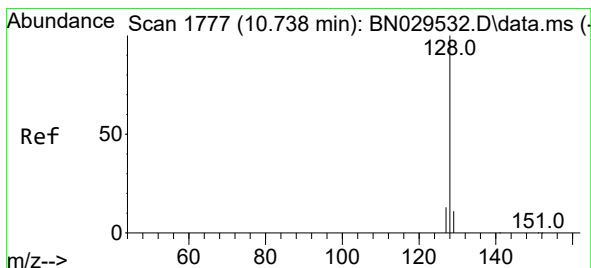
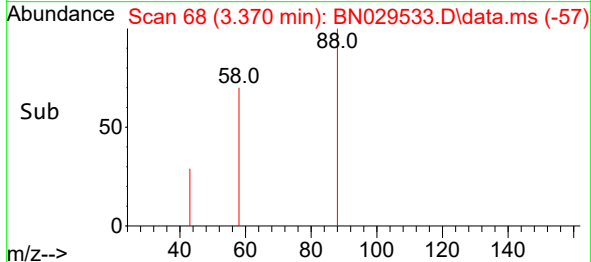
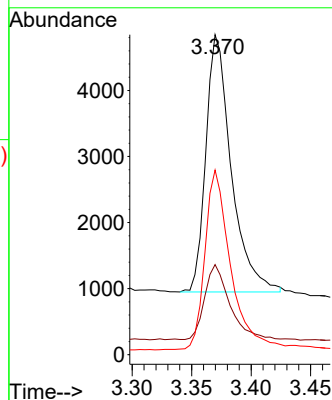
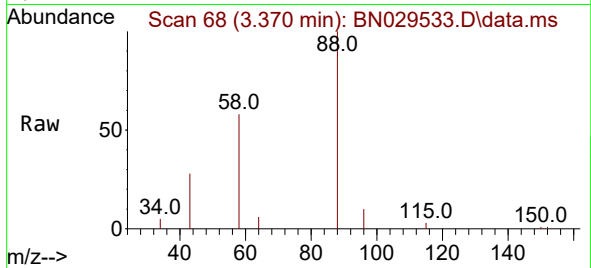




#2
1,4-Dioxane
Concen: 0.886 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

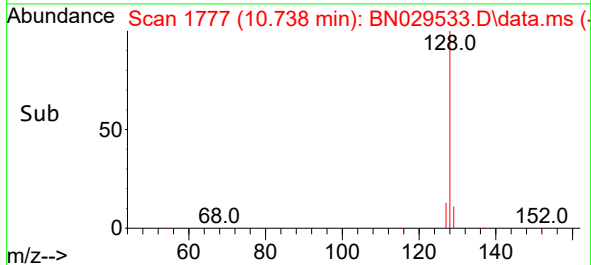
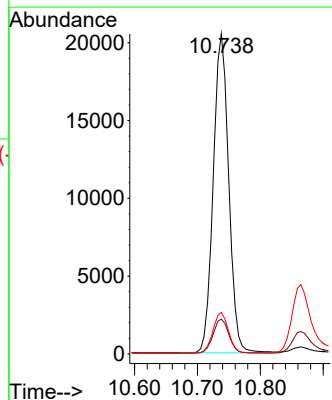
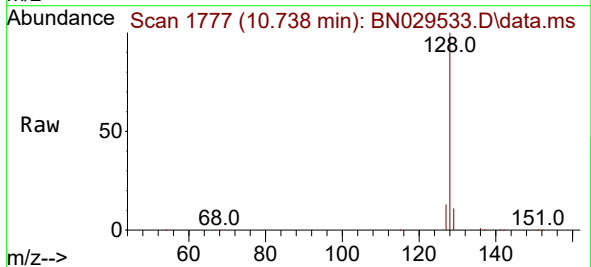
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ClientSampleId :
SSTD0.8226

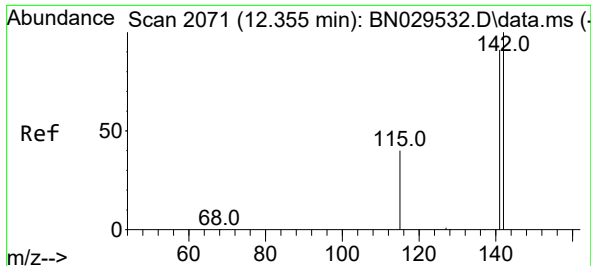
Tgt Ion: 88 Resp: 5794
Ion Ratio Lower Upper
88 100
43 28.2 21.8 32.6
58 57.7 39.3 58.9



#5
Naphthalene
Concen: 0.835 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion: 128 Resp: 35049
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.0 11.0 16.6

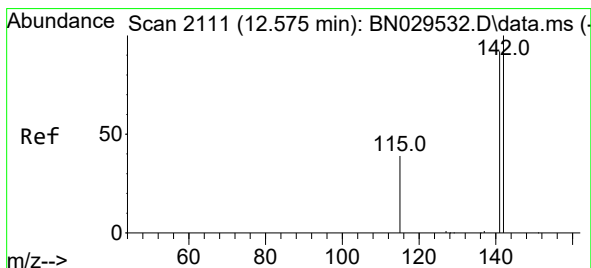
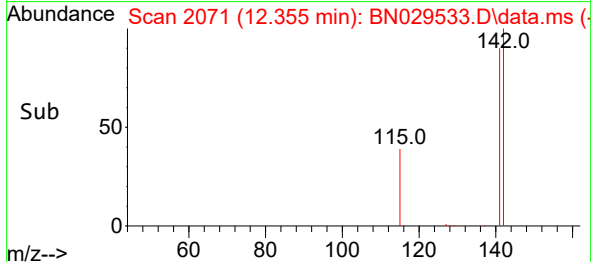
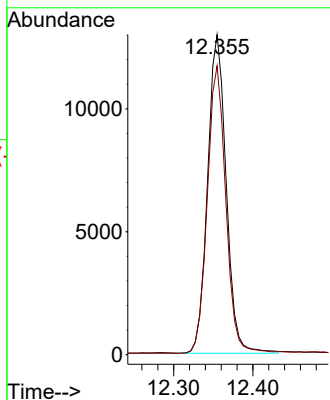
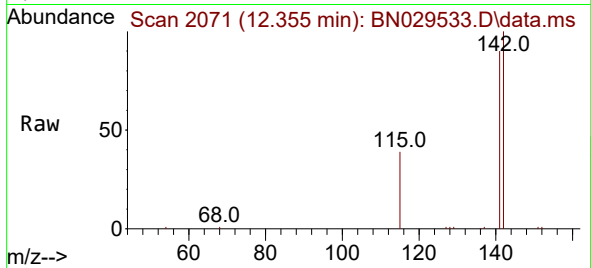




#7
2-Methylnaphthalene
Concen: 0.765 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

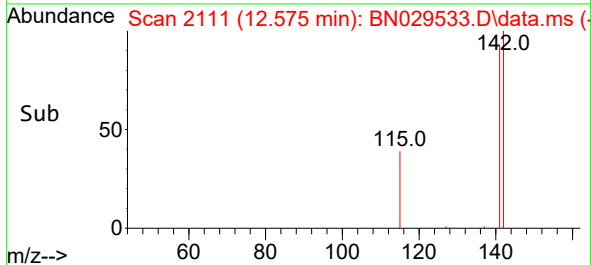
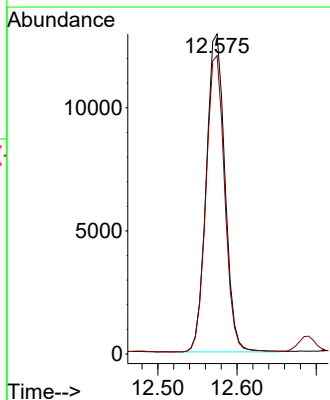
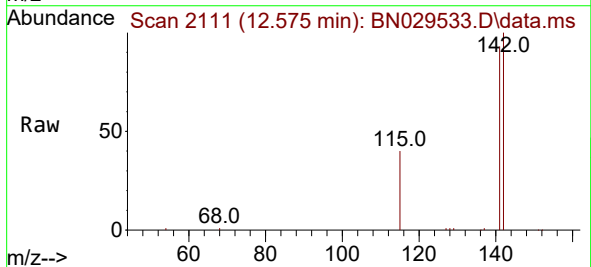
Instrument :
BNA_N
ClientSampleId :
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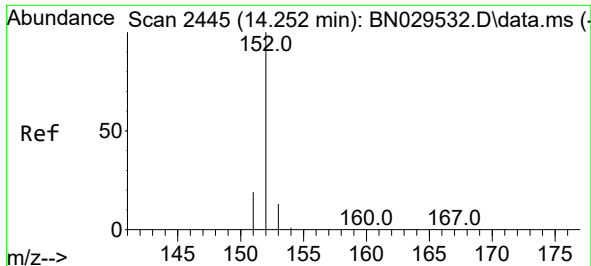
Tgt Ion:142 Resp: 21131
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.754 ng/ul
RT: 12.575 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:142 Resp: 21153
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9

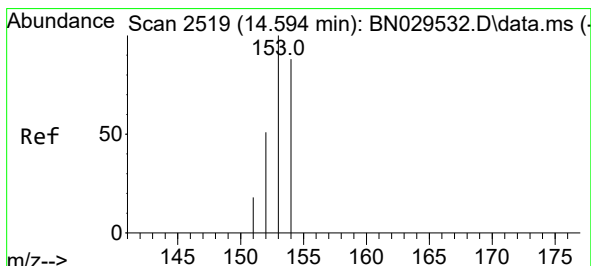
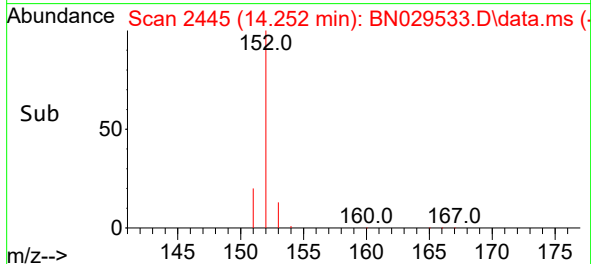
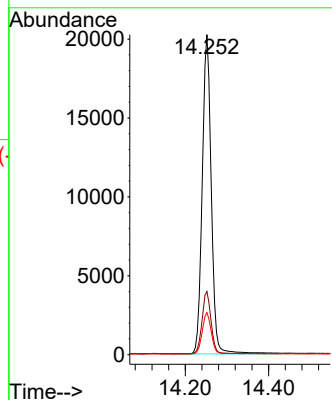
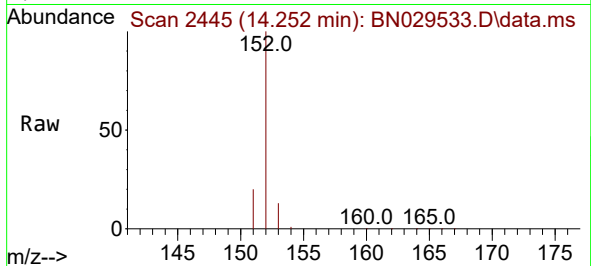




#10
Acenaphthylene
Concen: 0.823 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

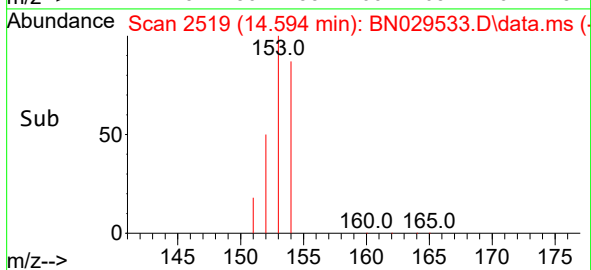
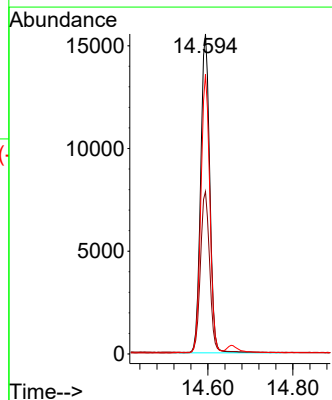
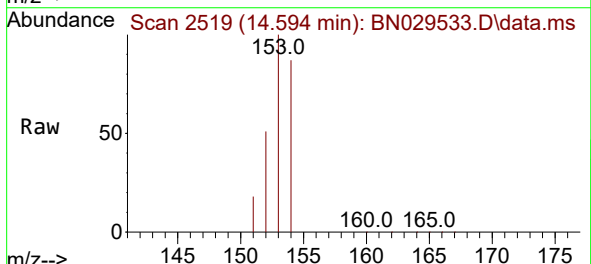
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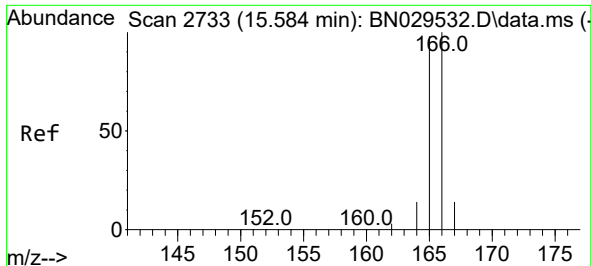
Tgt Ion:152 Resp: 30520
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.9 16.3



#11
Acenaphthene
Concen: 0.842 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:153 Resp: 22996
Ion Ratio Lower Upper
153 100
152 50.7 41.5 62.3
154 87.4 70.9 106.3

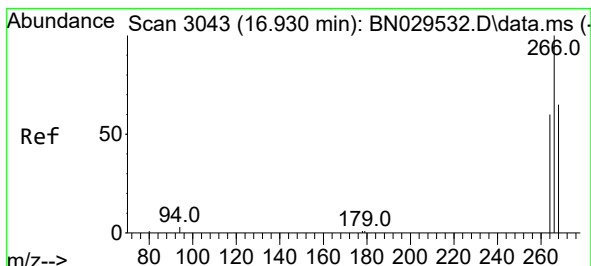
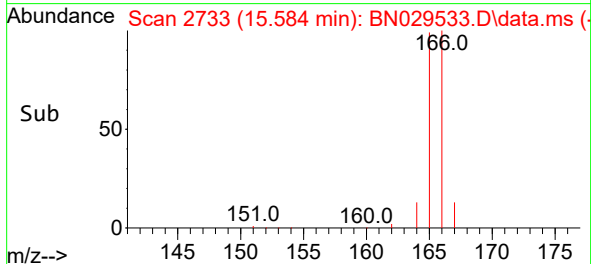
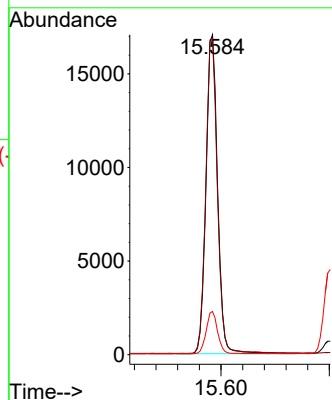
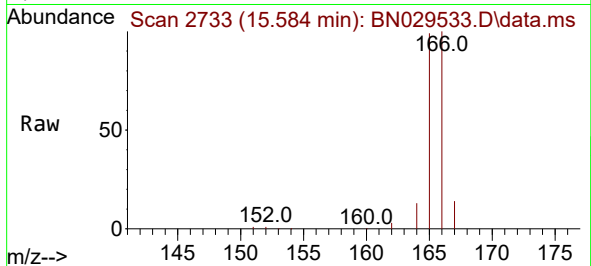




#12
 Fluorene
 Concen: 0.794 ng/ul
 RT: 15.584 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029533.D
 Acq: 06 Feb 2024 12:19

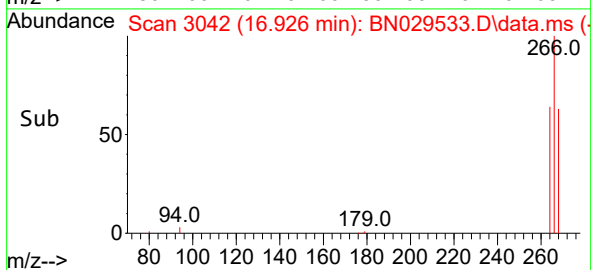
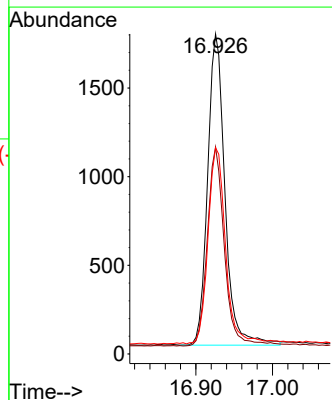
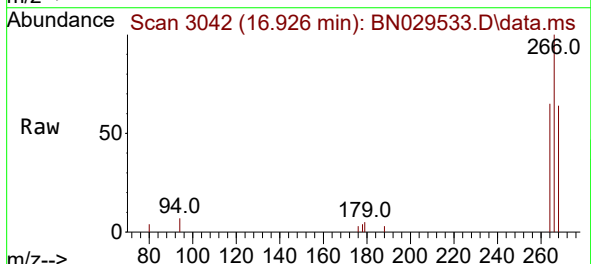
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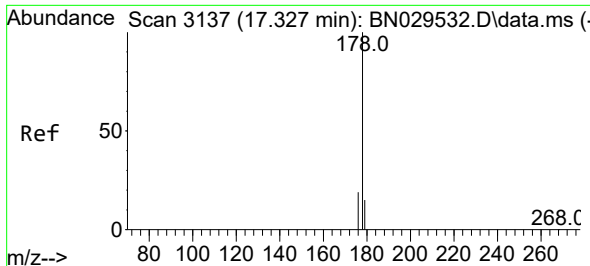
Tgt Ion:166 Resp: 25219
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 117.8
 167 13.5 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.772 ng/ul
 RT: 16.926 min Scan# 3042
 Delta R.T. -0.004 min
 Lab File: BN029533.D
 Acq: 06 Feb 2024 12:19

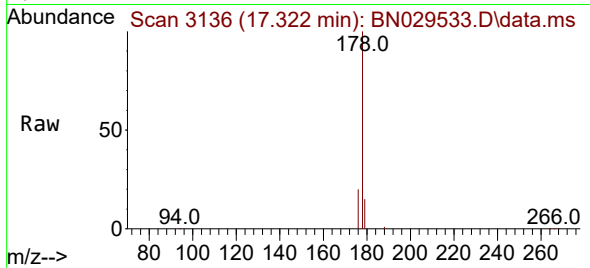
Tgt Ion:266 Resp: 2757
 Ion Ratio Lower Upper
 266 100
 264 63.1 0.0 0.0#
 268 64.2 0.2 0.2#



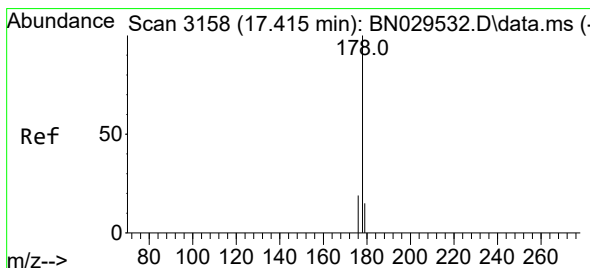
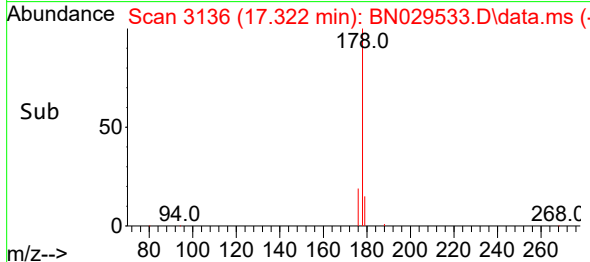
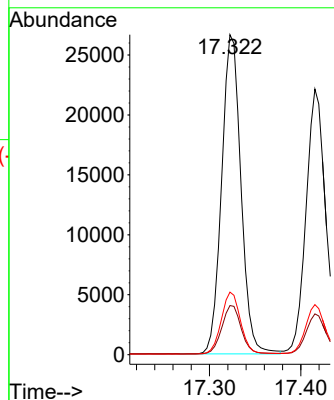


#15
Phenanthrene
Concen: 0.853 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

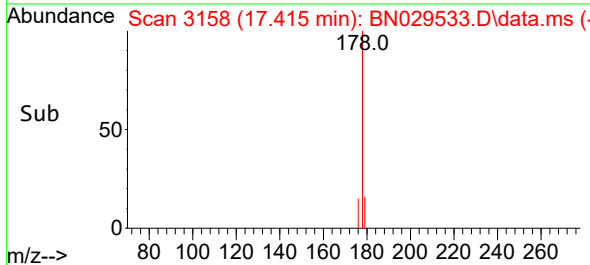
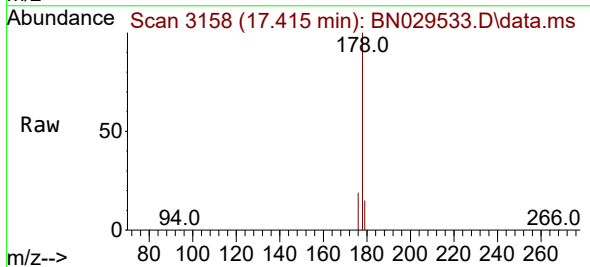
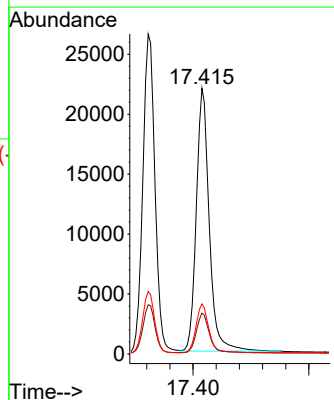


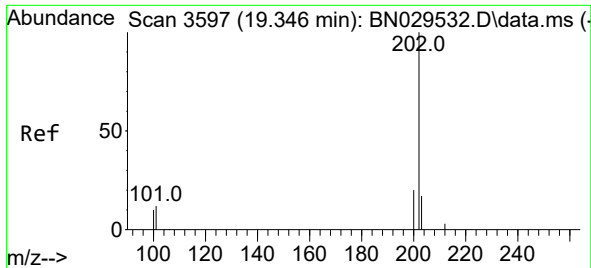
Tgt Ion:178 Resp: 39013
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.812 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:178 Resp: 34038
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.9 15.8 23.8

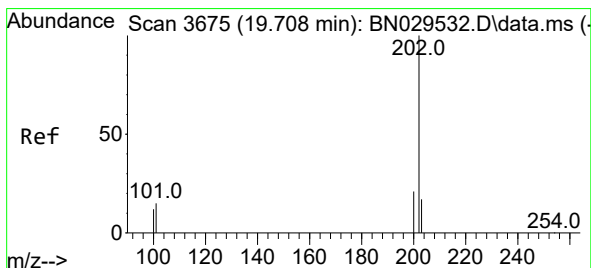
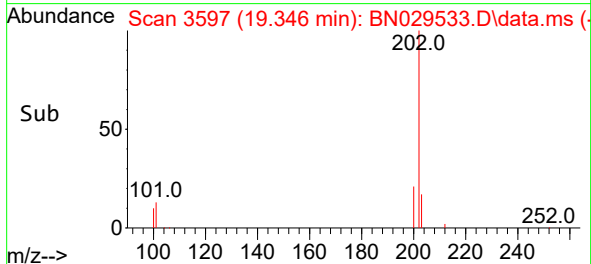
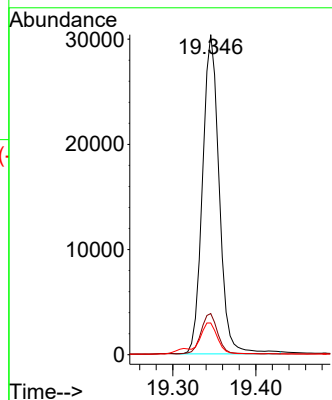
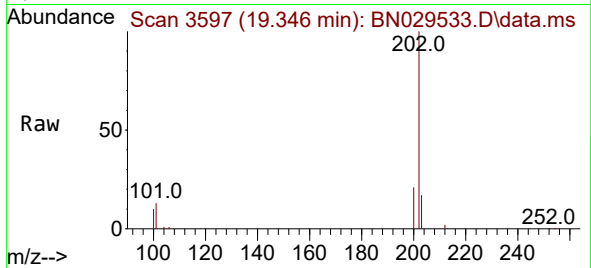




#19
Fluoranthene
Concen: 0.915 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

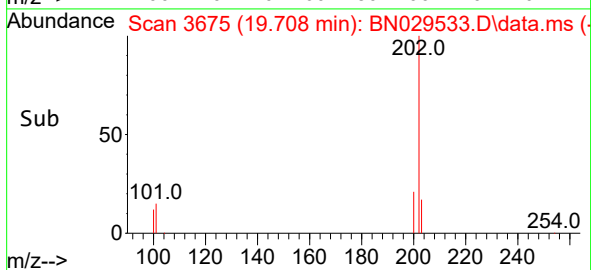
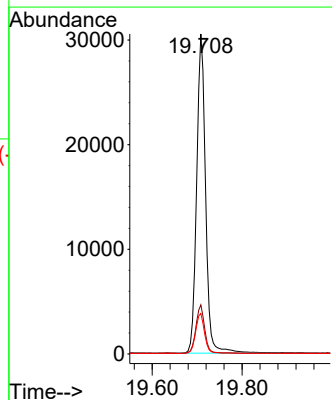
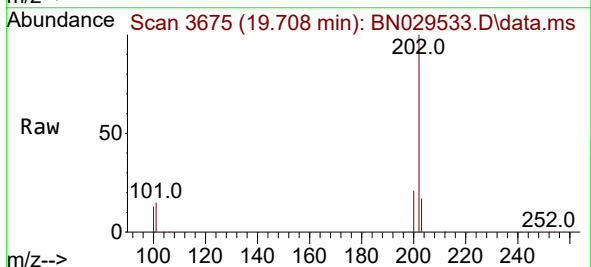
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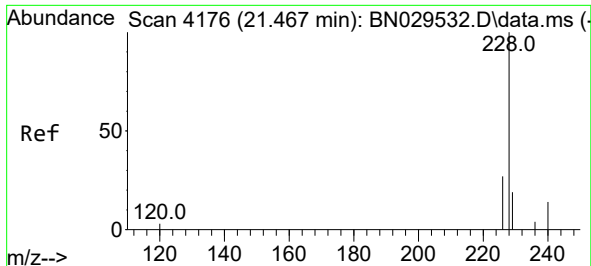
Tgt Ion:202 Resp: 42610
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.878 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:202 Resp: 42386
Ion Ratio Lower Upper
202 100
101 15.4 12.5 18.7
100 12.6 10.0 15.0

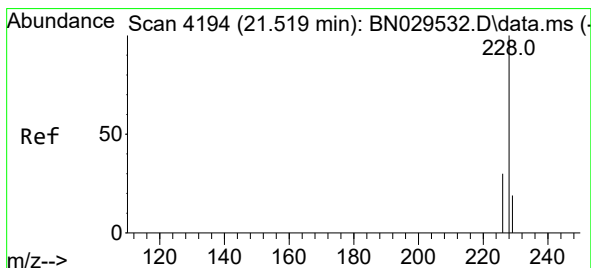
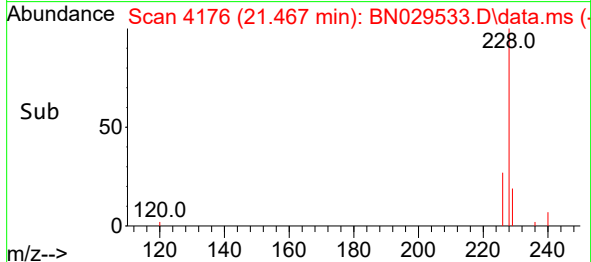
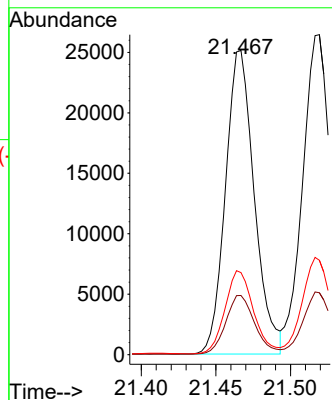
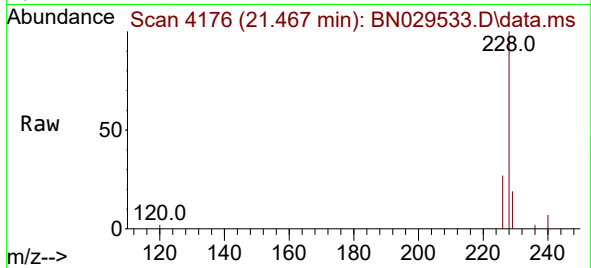




#21
Benzo(a)anthracene
Concen: 0.780 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

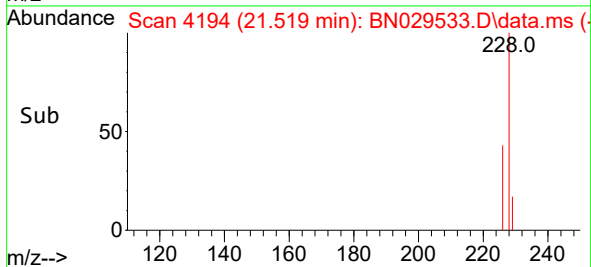
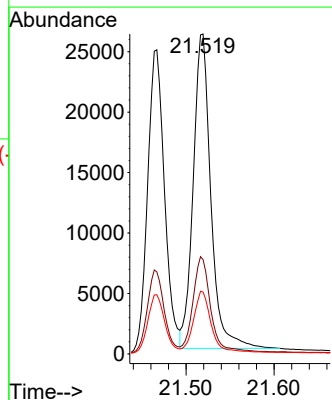
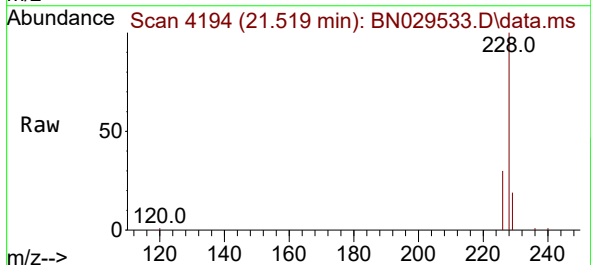
Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

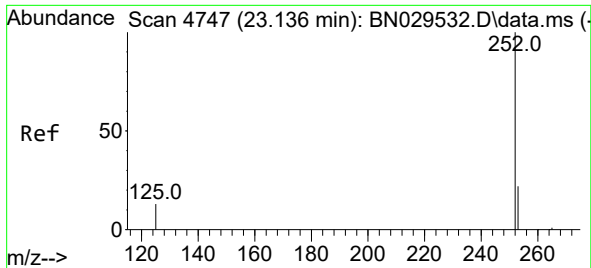
Tgt Ion:228 Resp: 33779
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.0 22.2 33.4



#22
Chrysene
Concen: 0.857 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:228 Resp: 36287
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.4 15.7 23.5

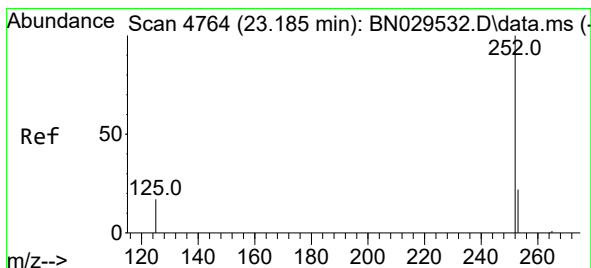
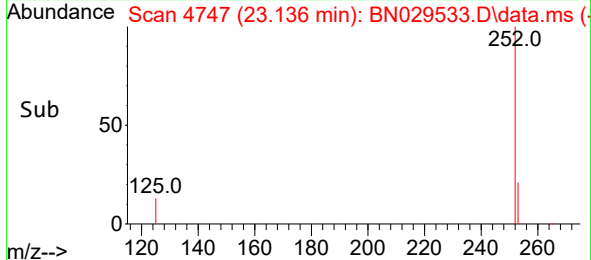
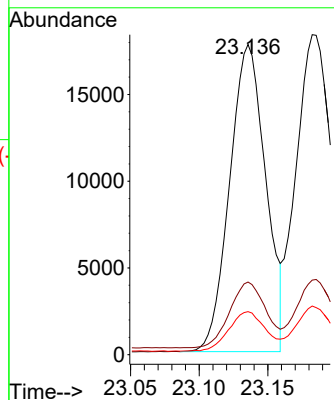
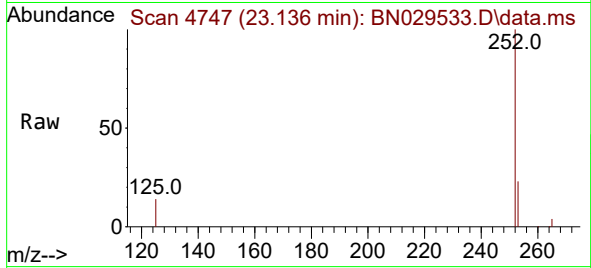




#24
Benzo(b)fluoranthene
Concen: 0.864 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

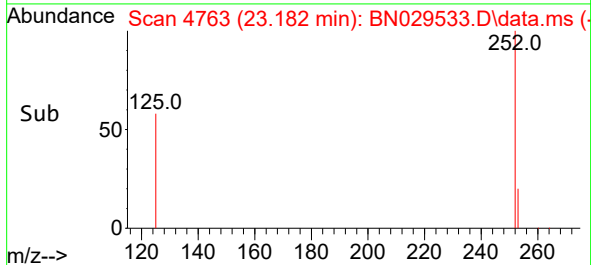
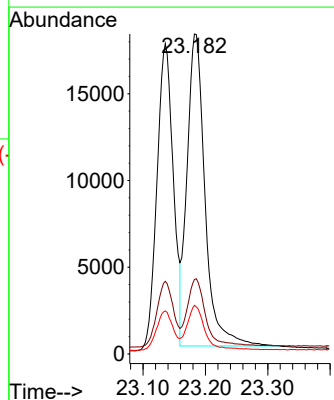
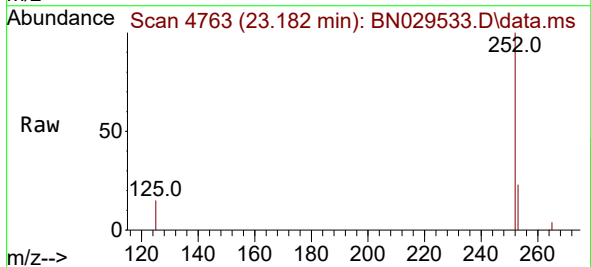
Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

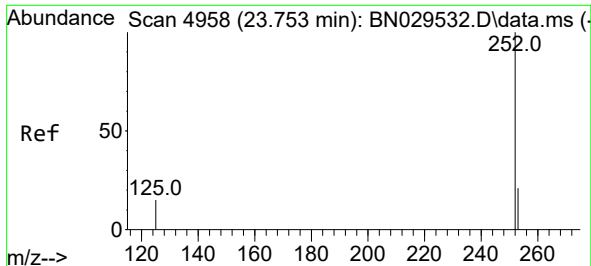
Tgt Ion:252 Resp: 32385
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.8
125 13.9 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.920 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

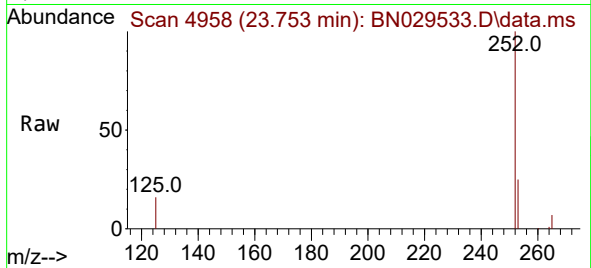
Tgt Ion:252 Resp: 36113
Ion Ratio Lower Upper
252 100
253 23.3 22.6 33.8
125 15.2 15.3 22.9#



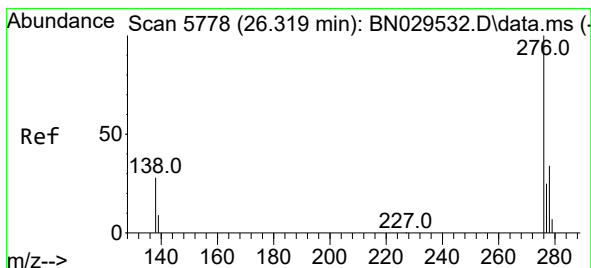
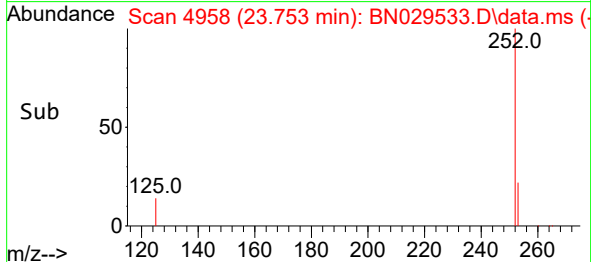
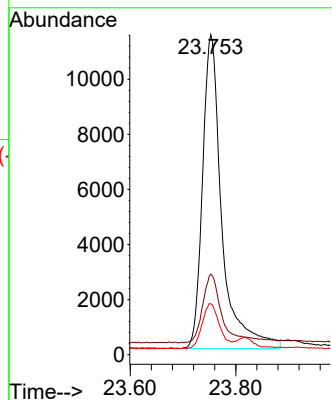


#26
Benzo(a)pyrene
Concen: 0.819 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

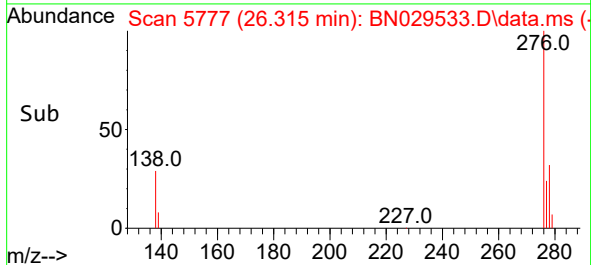
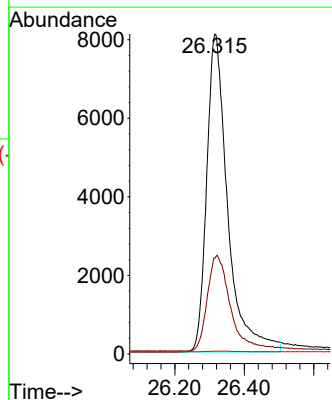
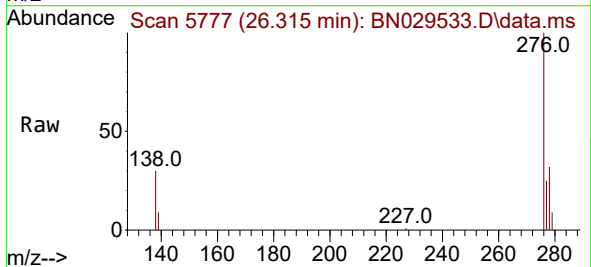


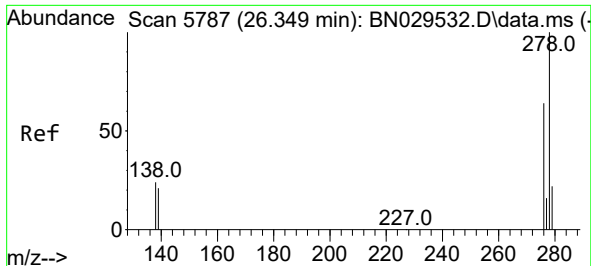
Tgt Ion:252 Resp: 28978
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0#
125 15.9 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.867 ng/ul
RT: 26.315 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:276 Resp: 34031
Ion Ratio Lower Upper
276 100
138 33.5 0.0 0.0#
227 0.2 0.0 0.0#

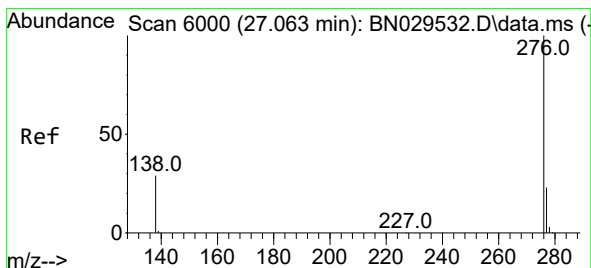
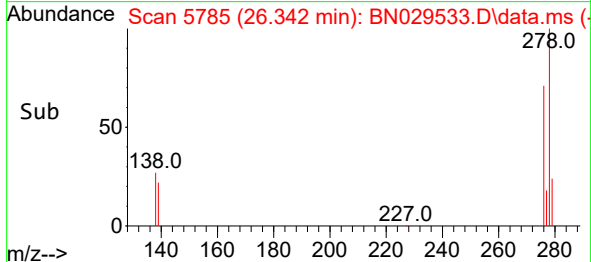
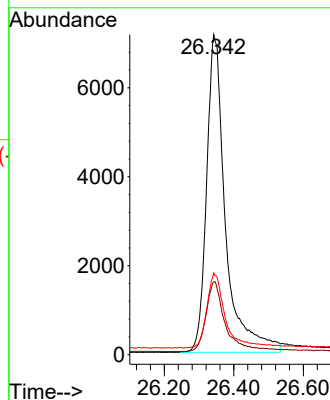
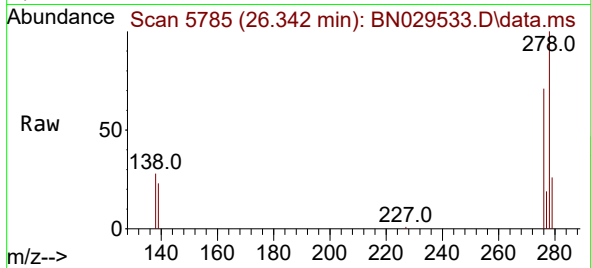




#28
Dibenzo(a,h)anthracene
Concen: 0.862 ng/ul
RT: 26.342 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:278 Resp: 27053
Ion Ratio Lower Upper
278 100
139 22.8 19.0 28.4
279 25.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.937 ng/ul
RT: 27.063 min Scan# 6000
Delta R.T. -0.000 min
Lab File: BN029533.D
Acq: 06 Feb 2024 12:19

Tgt Ion:276 Resp: 30157
Ion Ratio Lower Upper
276 100
138 29.4 24.6 37.0
277 24.1 19.7 29.5

