

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
 Data File : BN019785.D
 Acq On : 16 May 2022 10:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4351

Quant Time: May 17 01:42:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

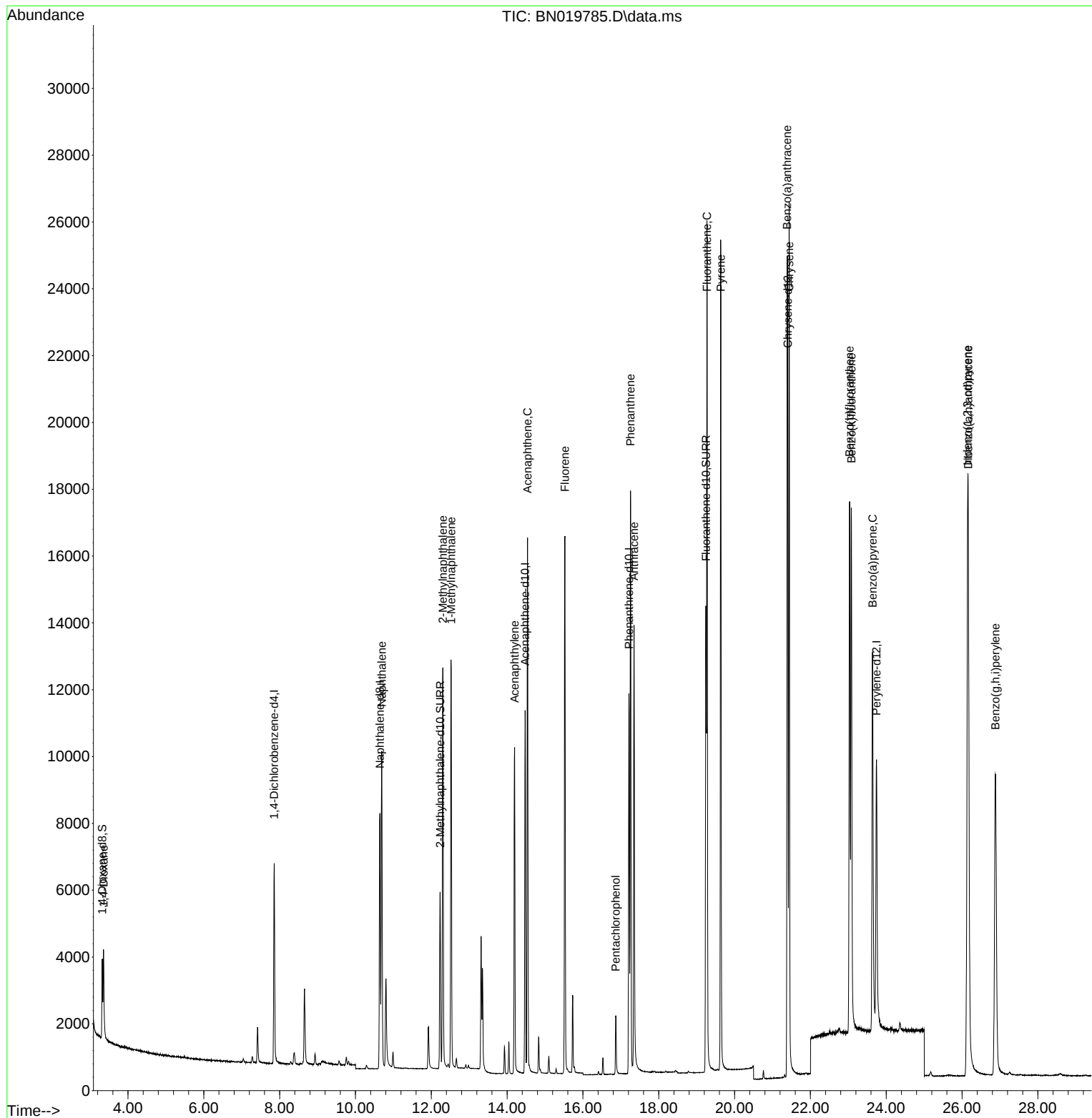
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	10900	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	6305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	13771	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13907	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	12139	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1635	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	7387	0.448	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	16262	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	1647	0.383	ng/ul#	86
5) Naphthalene	10.694	128	14009	0.397	ng/ul	98
7) 2-Methylnaphthalene	12.306	142	8959	0.417	ng/ul#	100
8) 1-Methylnaphthalene	12.525	142	8852	0.445	ng/ul#	100
10) Acenaphthylene	14.196	152	11983	0.384	ng/ul	100
11) Acenaphthene	14.539	153	9829	0.392	ng/ul	98
12) Fluorene	15.524	166	11142	0.405	ng/ul	100
14) Pentachlorophenol	16.867	266	1273	0.430	ng/ul	91
15) Phenanthrene	17.255	178	19819	0.391	ng/ul	99
16) Anthracene	17.348	178	16143	0.391	ng/ul	99
19) Fluoranthene	19.271	202	22218	0.349	ng/ul	98
20) Pyrene	19.634	202	22403	0.353	ng/ul	99
21) Benzo(a)anthracene	21.388	228	18961	0.365	ng/ul	99
22) Chrysene	21.441	228	23070	0.377	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	22010	0.357	ng/ul	92
25) Benzo(k)fluoranthene	23.080	252	22289	0.376	ng/ul	97
26) Benzo(a)pyrene	23.639	252	19457	0.371	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.148	276	23887	0.365	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	19729	0.361	ng/ul#	80
29) Benzo(g,h,i)perylene	26.879	276	20721	0.346	ng/ul	96

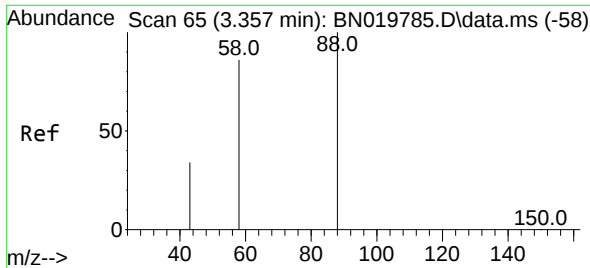
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
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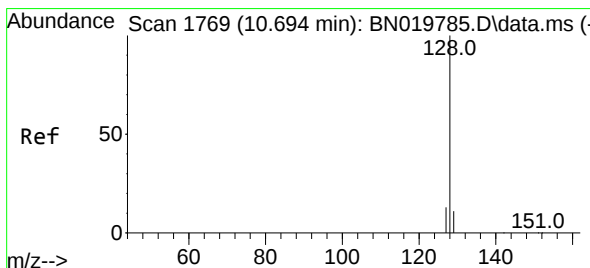
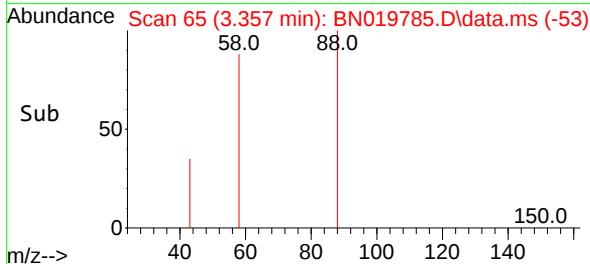
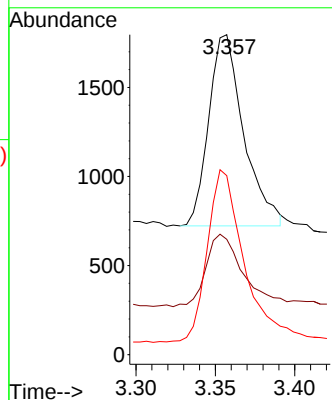
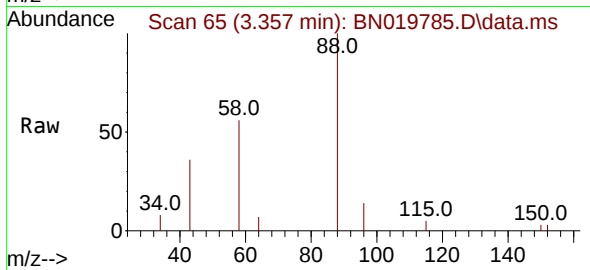




#2
 1,4-Dioxane
 Concen: 0.383 ng/ul
 RT: 3.357 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN019785.D
 Acq: 16 May 2022 10:55

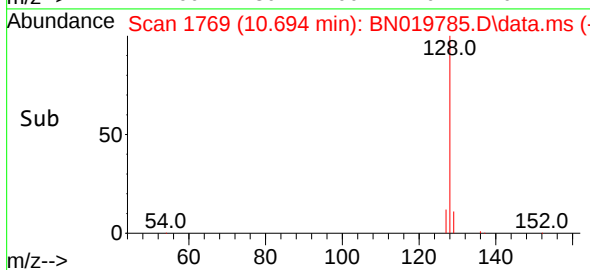
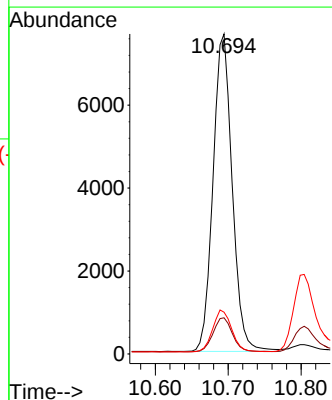
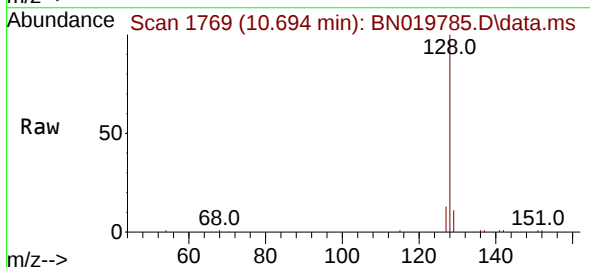
Instrument :
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 ClientSampleId :
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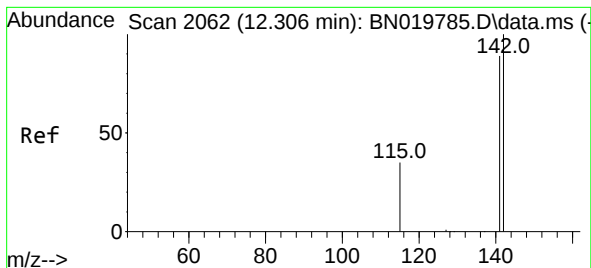
Tgt Ion: 88 Resp: 1647
 Ion Ratio Lower Upper
 88 100
 43 36.0 39.0 58.4#
 58 56.0 39.8 59.8



#5
 Naphthalene
 Concen: 0.397 ng/ul
 RT: 10.694 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: BN019785.D
 Acq: 16 May 2022 10:55

Tgt Ion: 128 Resp: 14009
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.0 11.0 16.4

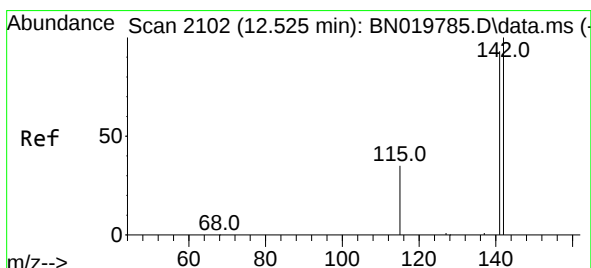
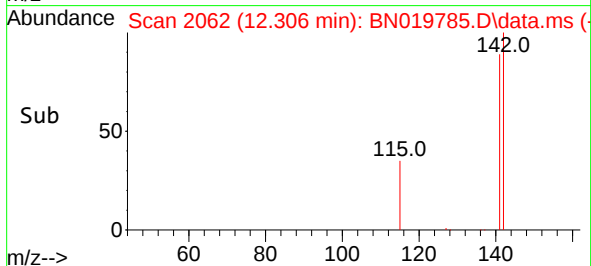
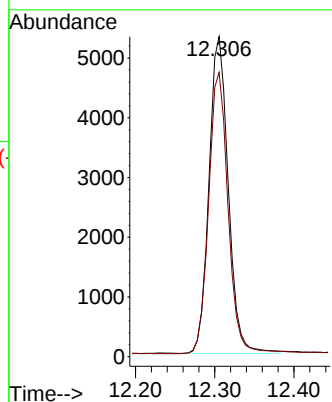
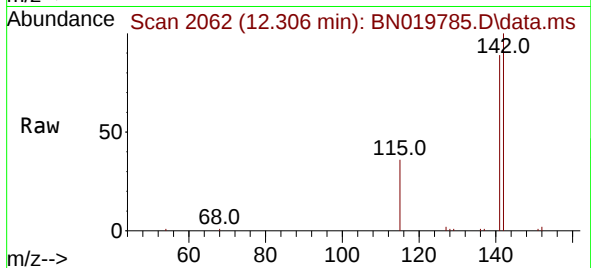




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

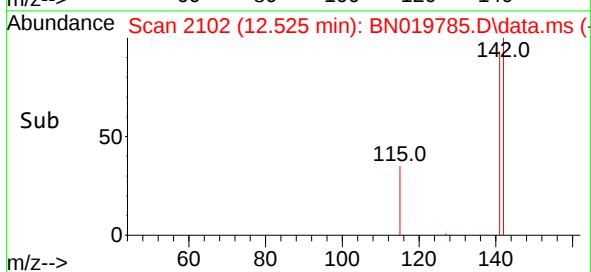
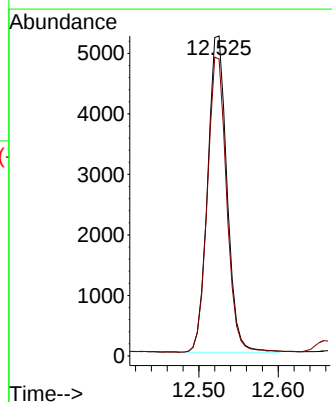
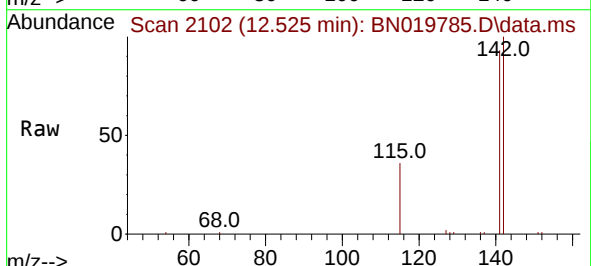
Instrument :
BNA_N
ClientSampleId :
SSTD0.4351

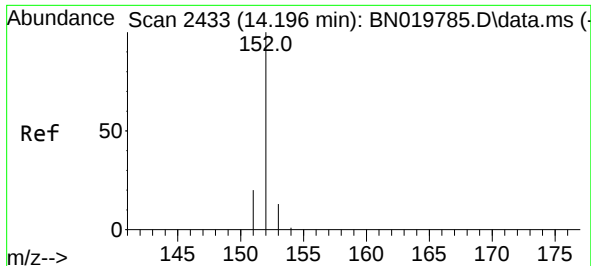
Tgt Ion:142 Resp: 8959
Ion Ratio Lower Upper
142 100
141 89.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:142 Resp: 8852
Ion Ratio Lower Upper
142 100
141 92.8 0.0 0.0#

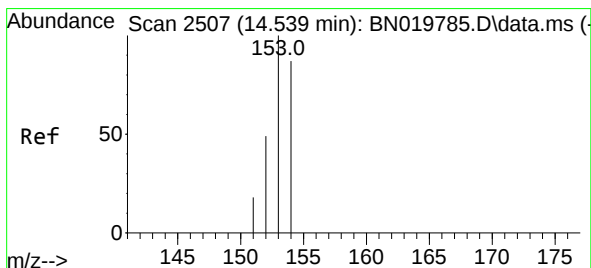
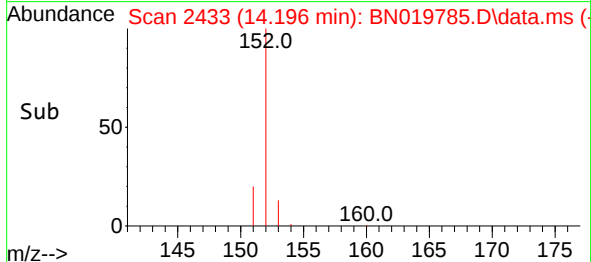
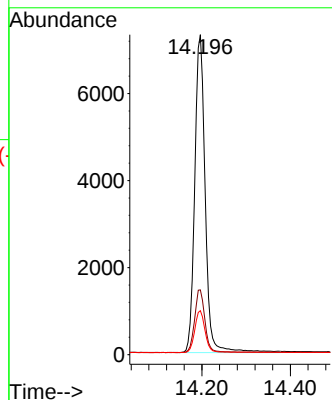
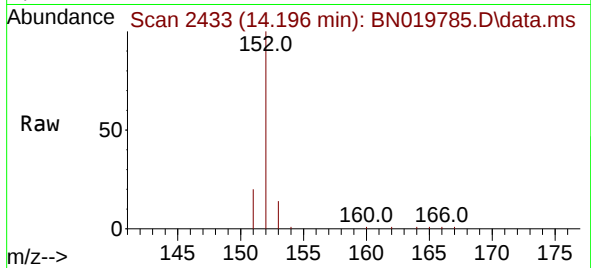




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

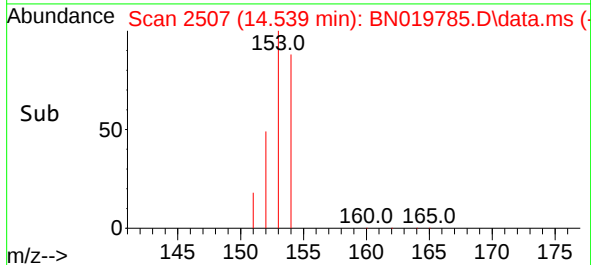
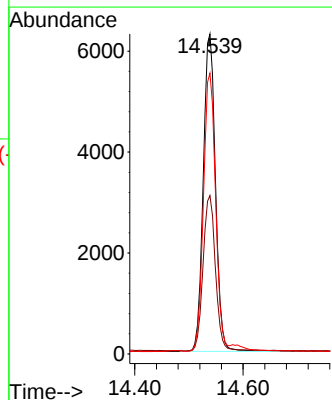
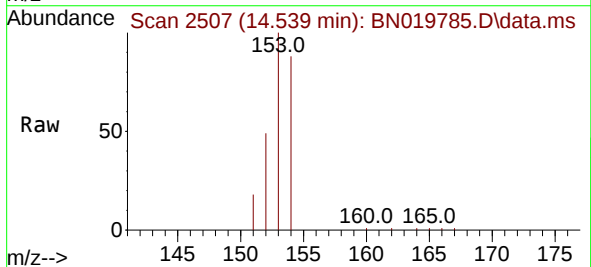
Instrument :
BNA_N
ClientSampleId :
SSTD0.4351

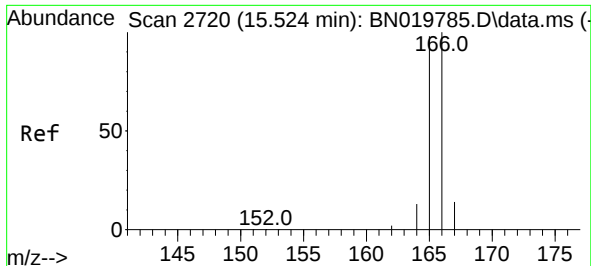
Tgt Ion:152 Resp: 11983
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:153 Resp: 9829
Ion Ratio Lower Upper
153 100
152 49.5 38.6 57.8
154 87.7 71.2 106.8

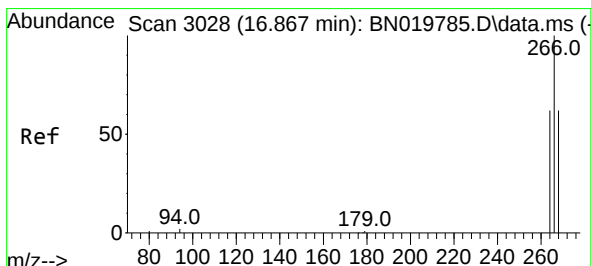
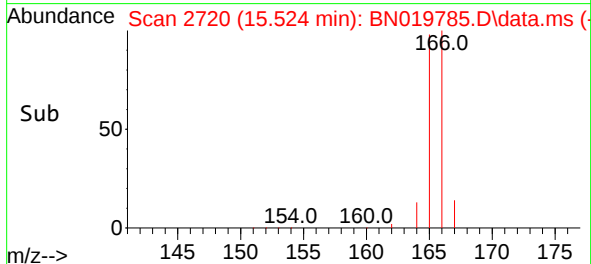
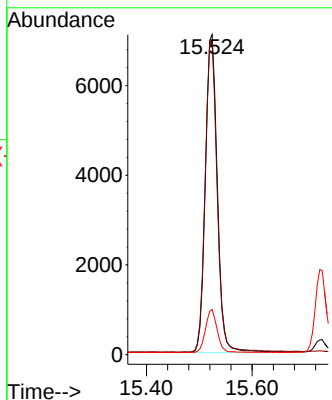
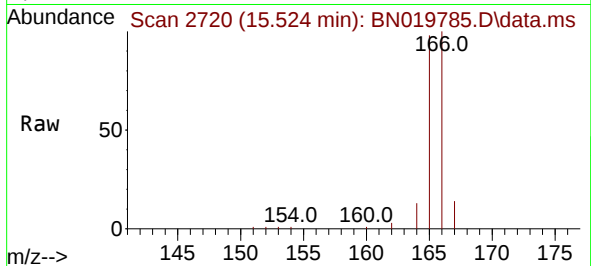




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

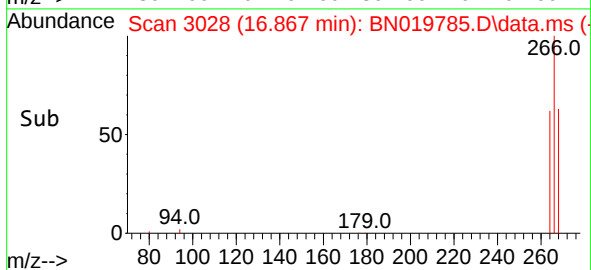
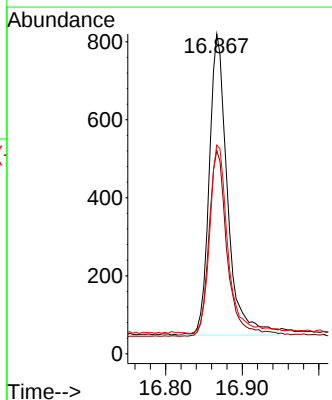
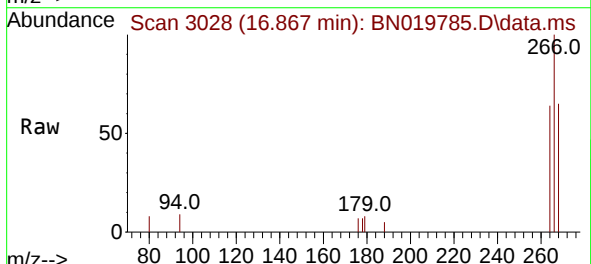
Instrument :
BNA_N
ClientSampleId :
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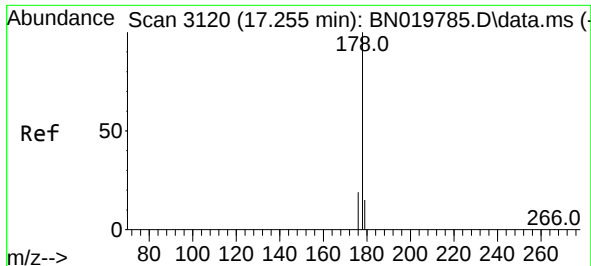
Tgt Ion:166 Resp: 11142
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.430 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:266 Resp: 1273
Ion Ratio Lower Upper
266 100
264 61.9 44.9 67.3
268 63.3 44.6 67.0

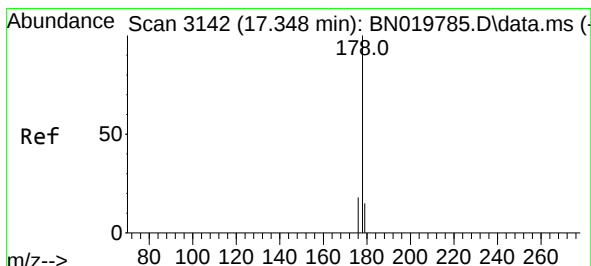
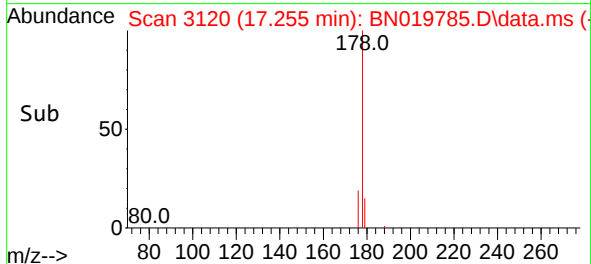
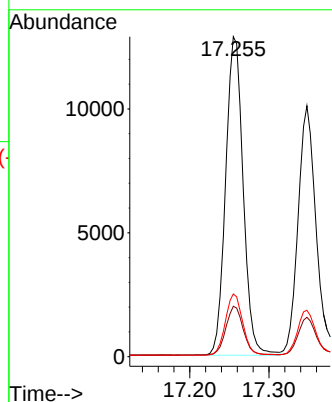
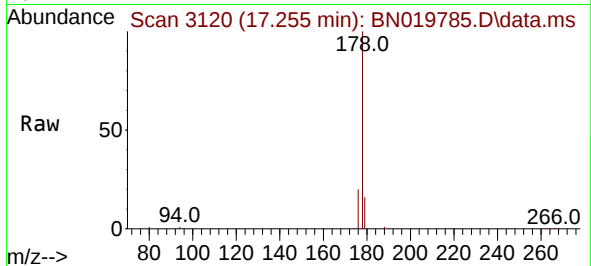




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

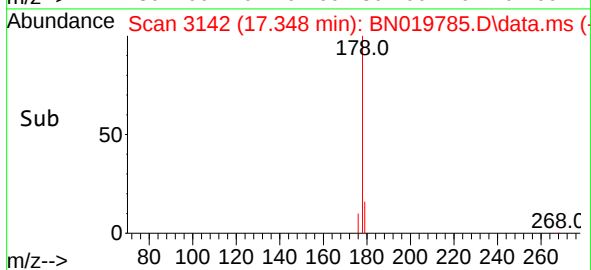
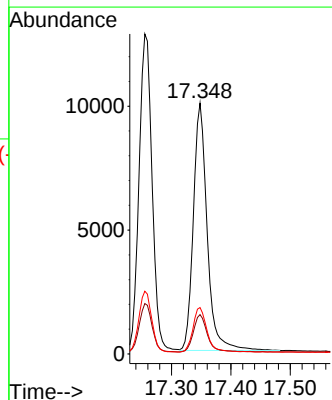
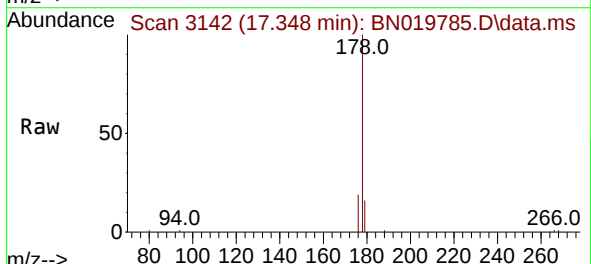
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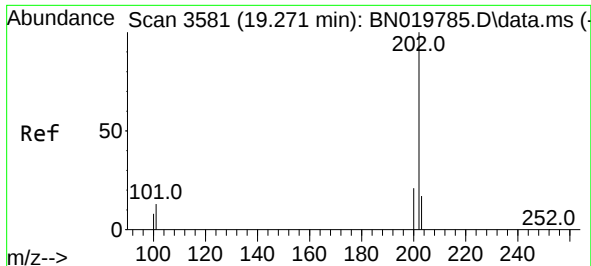
Tgt Ion:178 Resp: 19819
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:178 Resp: 16143
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 18.5 15.3 22.9

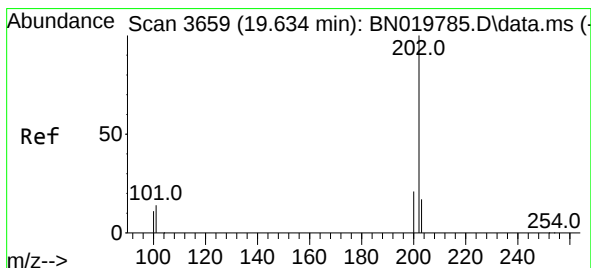
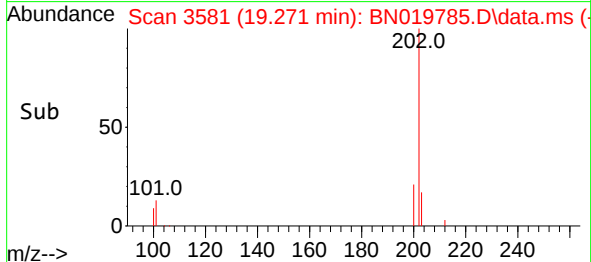
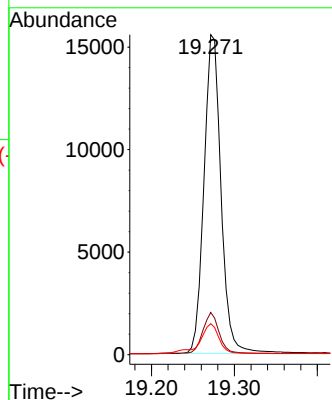
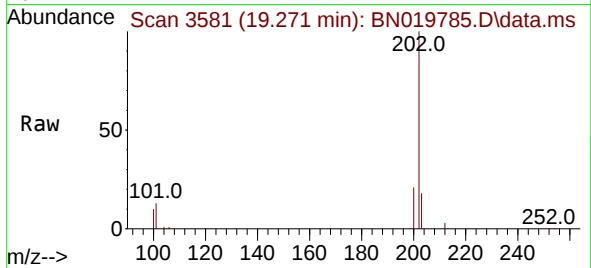




#19
Fluoranthene
Concen: 0.349 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

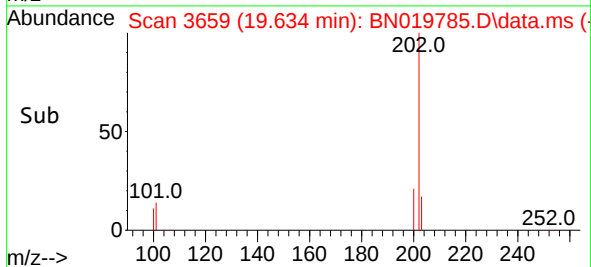
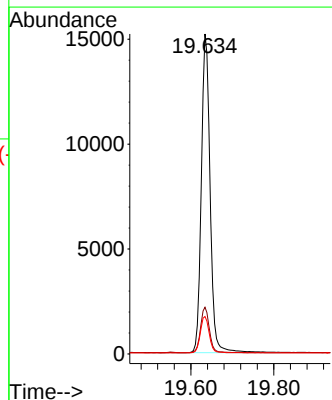
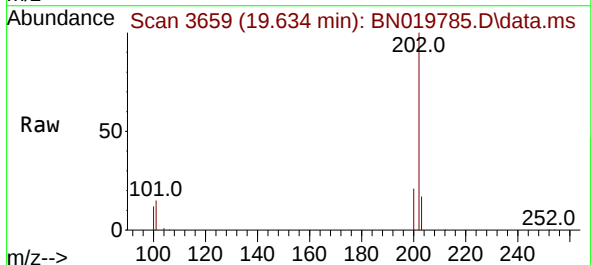
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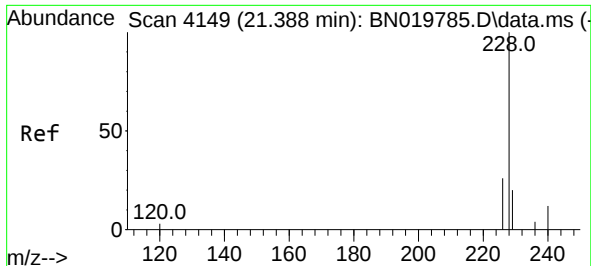
Tgt Ion:202 Resp: 22218
Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.353 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:202 Resp: 22403
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 11.7 9.0 13.4

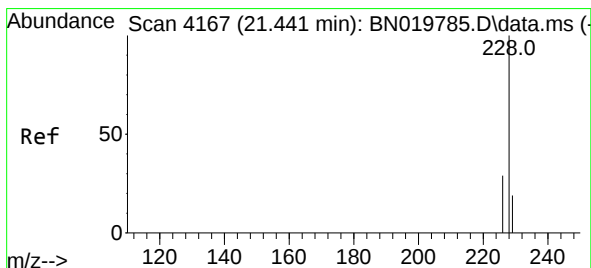
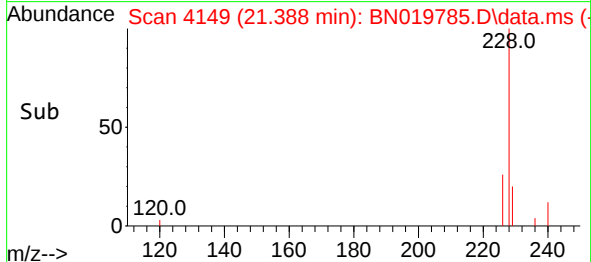
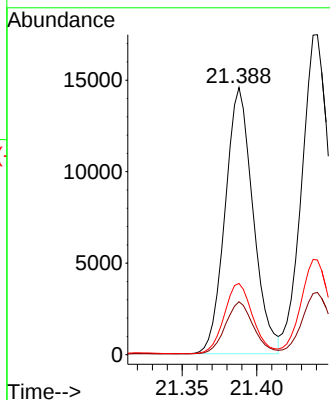
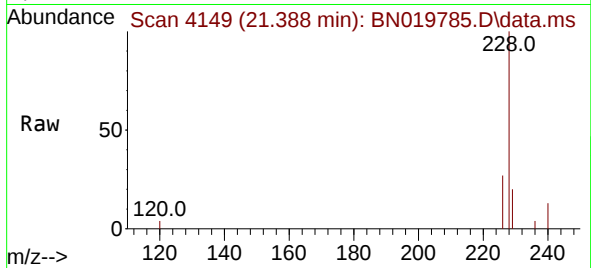




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

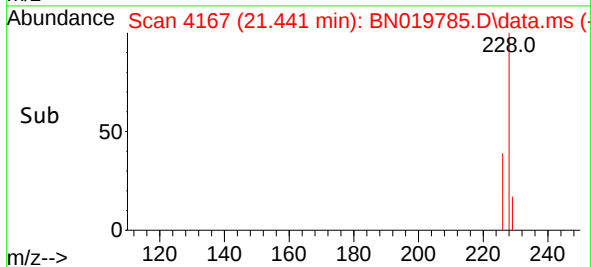
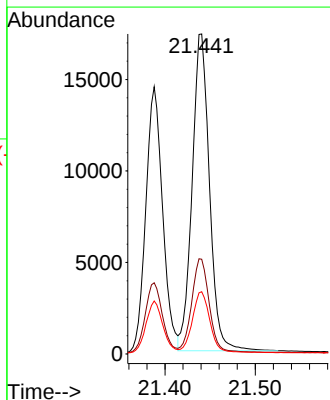
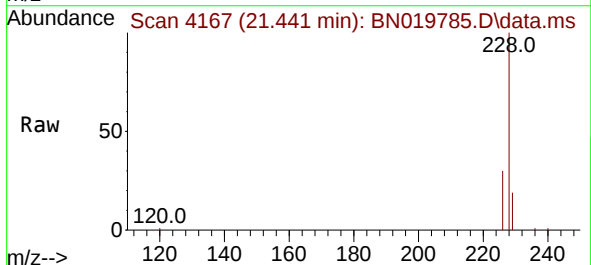
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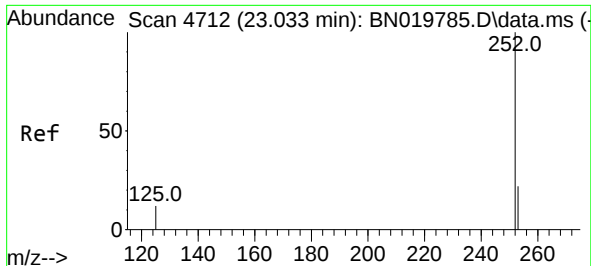
Tgt Ion:228 Resp: 18961
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 26.7 22.1 33.1



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:228 Resp: 23070
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 19.4 16.0 24.0

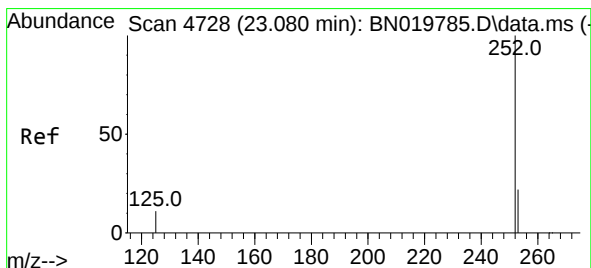
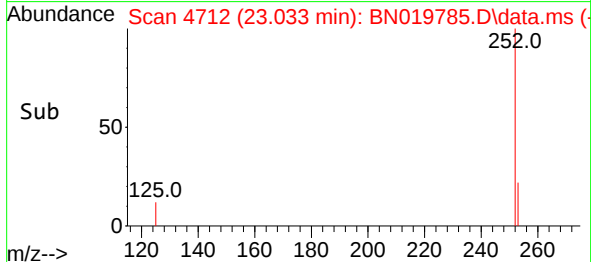
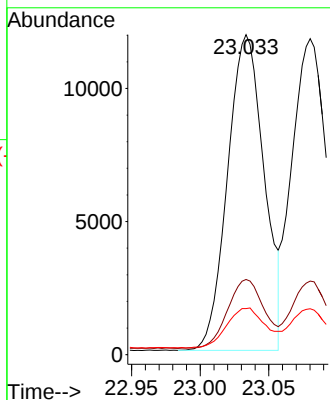
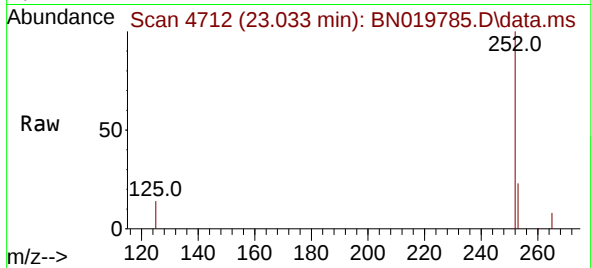




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

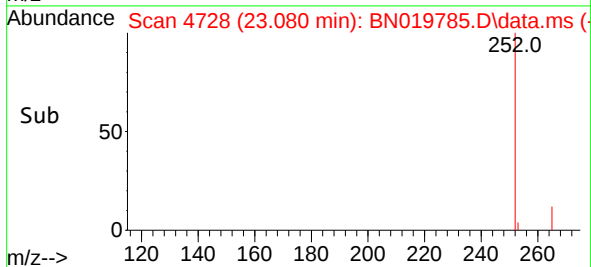
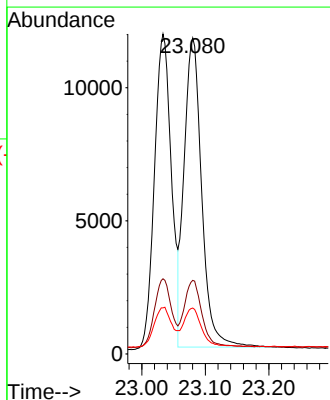
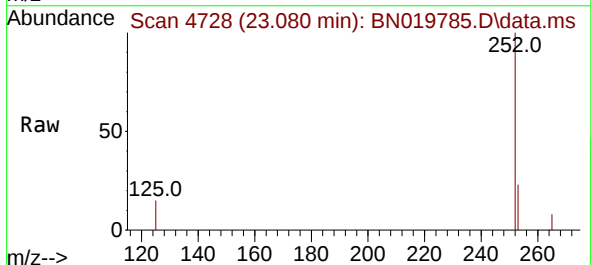
Instrument :
BNA_N
ClientSampleId :
SSTD0.4351

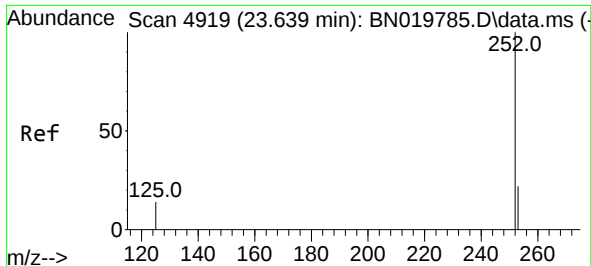
Tgt Ion:252 Resp: 22010
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.0
125 14.4 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:252 Resp: 22289
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.2
125 14.5 11.0 16.6

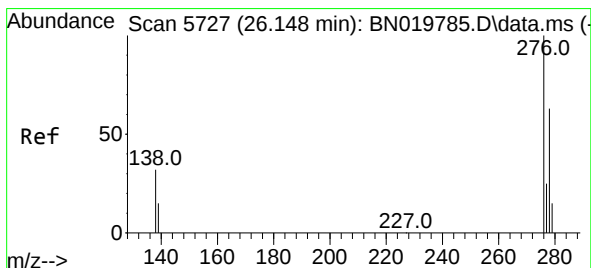
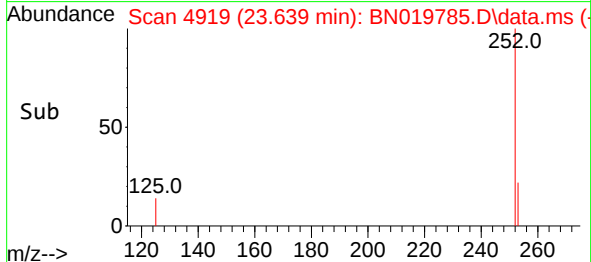
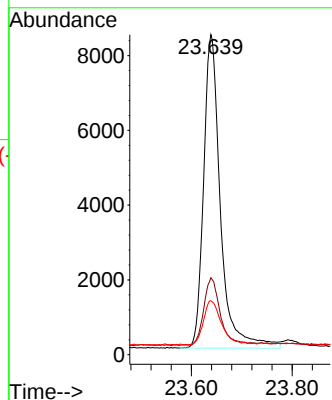
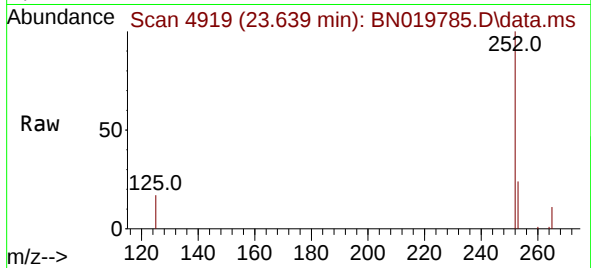




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

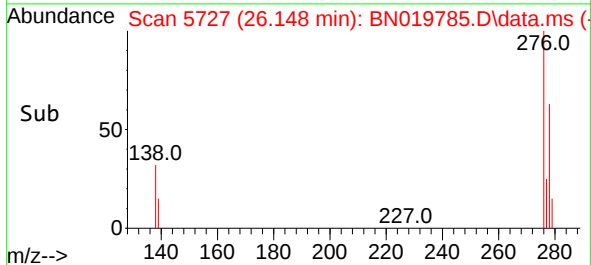
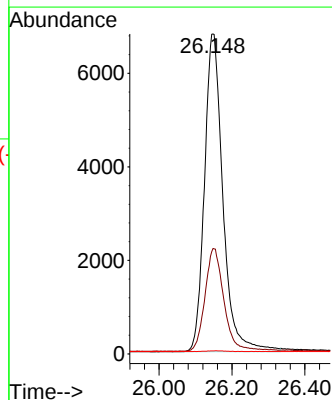
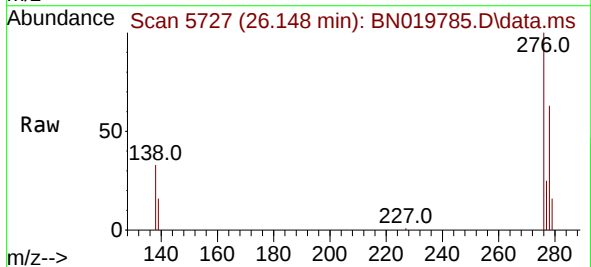
Instrument :
BNA_N
ClientSampleId :
SSTD0.4351

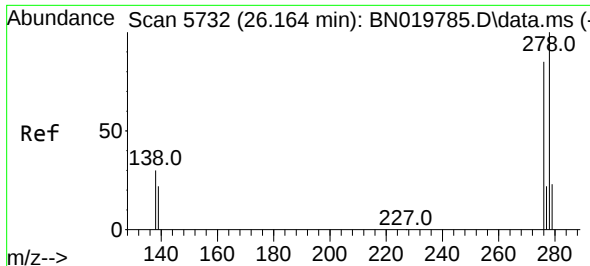
Tgt Ion:252 Resp: 19457
Ion Ratio Lower Upper
252 100
253 24.0 23.4 35.0
125 16.9 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. 0.000 min
Lab File: BN019785.D
Acq: 16 May 2022 10:55

Tgt Ion:276 Resp: 23887
Ion Ratio Lower Upper
276 100
138 33.2 23.6 35.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.361 ng/ul

RT: 26.164 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN019785.D

Acq: 16 May 2022 10:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4351

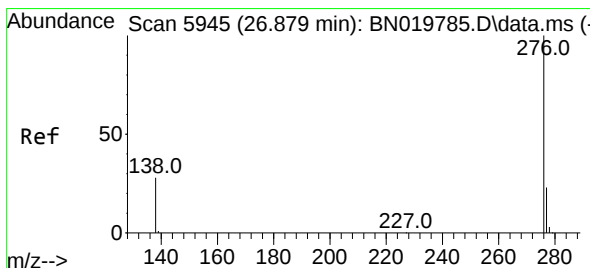
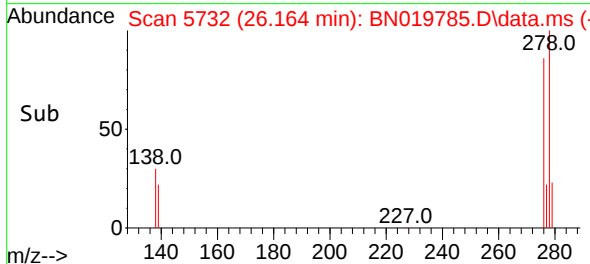
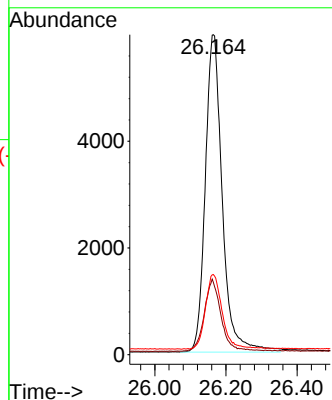
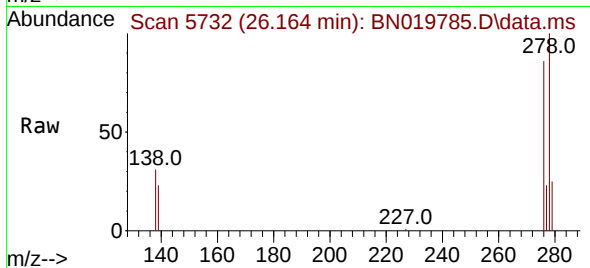
Tgt Ion:278 Resp: 19729

Ion Ratio Lower Upper

278 100

139 22.7 18.6 28.0

279 25.1 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.346 ng/ul

RT: 26.879 min Scan# 5945

Delta R.T. 0.000 min

Lab File: BN019785.D

Acq: 16 May 2022 10:55

Tgt Ion:276 Resp: 20721

Ion Ratio Lower Upper

276 100

138 28.9 20.9 31.3

277 24.3 20.4 30.6

