

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041322\
 Data File : BN019446.D
 Acq On : 13 Apr 2022 18:34
 Operator : CG/JU
 Sample : PB143958BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS958

Quant Time: Apr 14 01:58:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

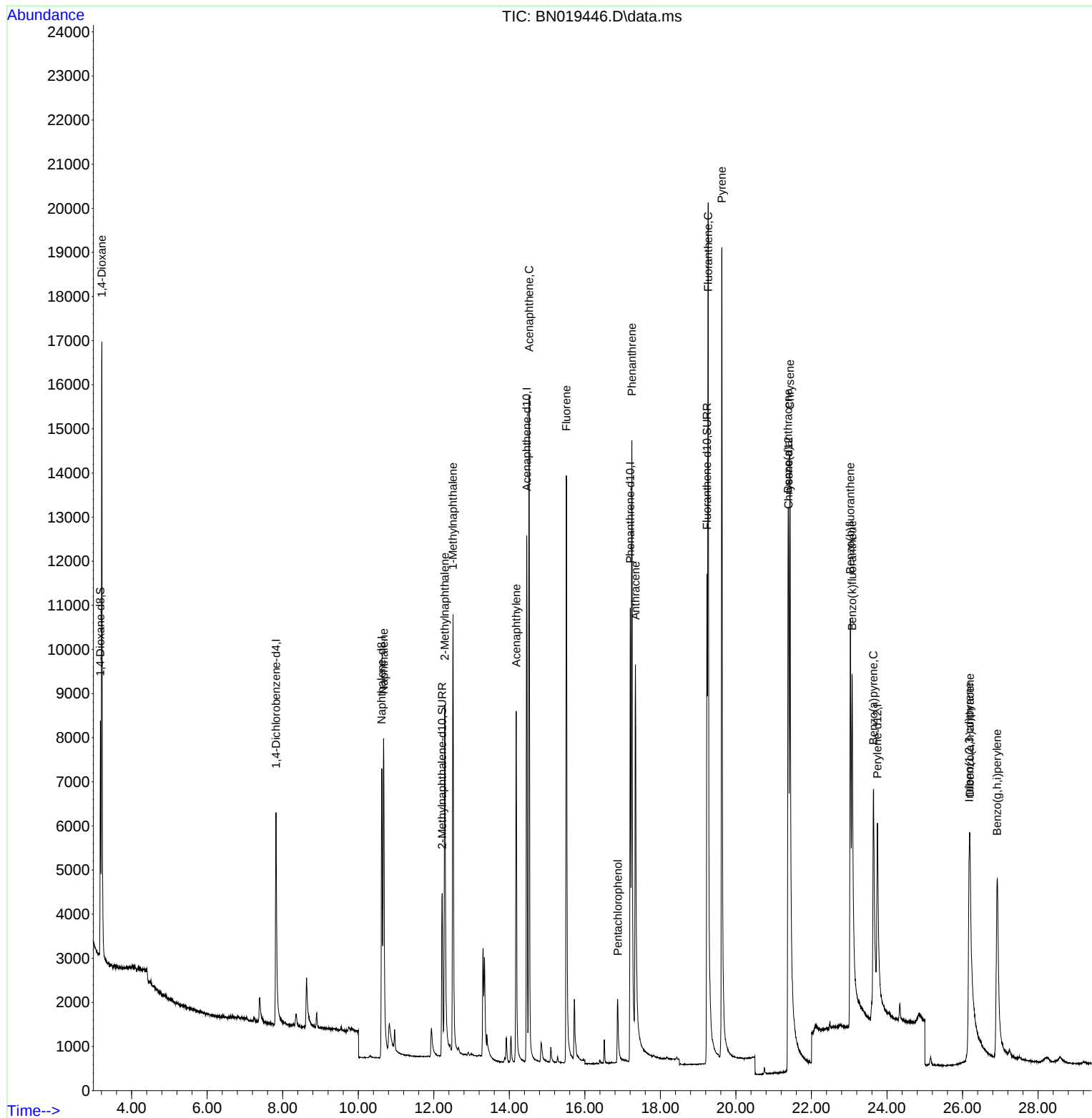
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	3641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	11579	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	7268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13897	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	9643	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	7292	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	3358	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6327	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	15774	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	8826	1.955	ng/ul#	74
5) Naphthalene	10.672	128	12381	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7601	0.354	ng/ul#	100
8) 1-Methylnaphthalene	12.509	142	8067	0.358	ng/ul#	100
10) Acenaphthylene	14.182	152	10905	0.414	ng/ul	100
11) Acenaphthene	14.525	153	9670	0.367	ng/ul	99
12) Fluorene	15.510	166	10862	0.371	ng/ul	99
14) Pentachlorophenol	16.871	266	1464	0.656	ng/ul	88
15) Phenanthrene	17.246	178	17687	0.383	ng/ul	100
16) Anthracene	17.339	178	13389	0.377	ng/ul	98
19) Fluoranthene	19.267	202	20052	0.418	ng/ul	100
20) Pyrene	19.629	202	21094	0.413	ng/ul	100
21) Benzo(a)anthracene	21.381	228	12119	0.408	ng/ul	99
22) Chrysene	21.430	228	16614	0.428	ng/ul	99
24) Benzo(b)fluoranthene	23.032	252	13646	0.404	ng/ul	96
25) Benzo(k)fluoranthene	23.076	252	16101	0.413	ng/ul	99
26) Benzo(a)pyrene	23.643	252	12843	0.445	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.179	276	12535	0.391	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.196	278	9240	0.405	ng/ul	93
29) Benzo(g,h,i)perylene	26.917	276	12604	0.407	ng/ul	100

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

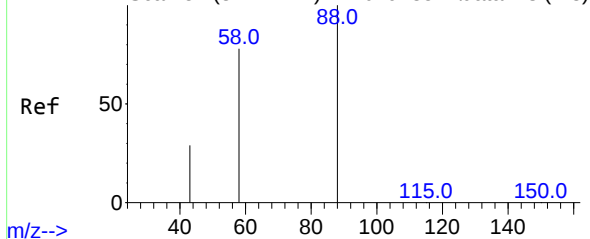
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041322\
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Abundance Scan 54 (3.211 min): BN019435.D\data.ms (-48)



#2

1,4-Dioxane

Concen: 1.955 ng/ul

RT: 3.211 min Scan# 54

Delta R.T. 0.000 min

Lab File: BN019446.D

Acq: 13 Apr 2022 18:34

Instrument :

BNA_N

ClientSampleId :

SLCS958

Tgt Ion: 88 Resp: 8826

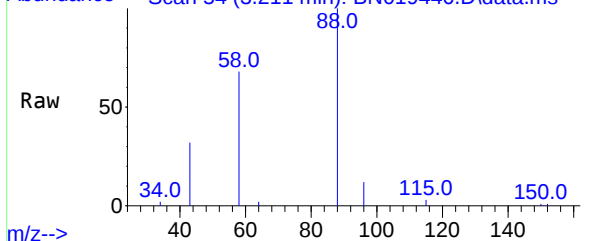
Ion Ratio Lower Upper

88 100

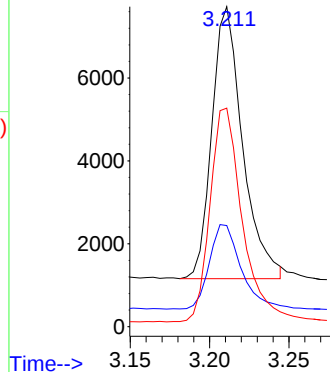
43 31.6 39.0 58.4#

58 68.3 39.8 59.8#

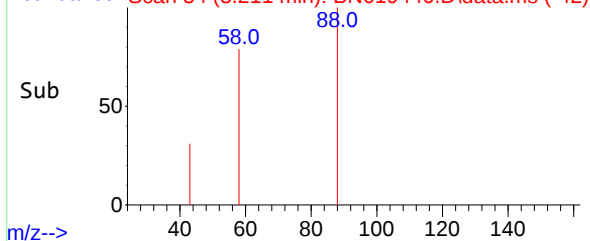
Abundance Scan 54 (3.211 min): BN019446.D\data.ms



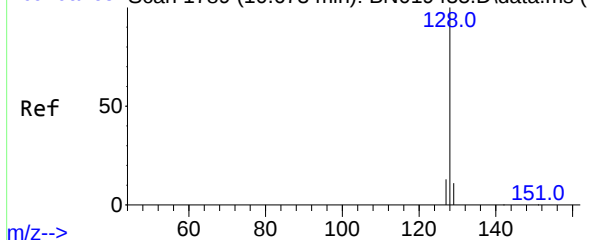
Abundance



Abundance Scan 54 (3.211 min): BN019446.D\data.ms (-42)



Abundance Scan 1789 (10.673 min): BN019435.D\data.ms (-



#5

Naphthalene

Concen: 0.376 ng/ul

RT: 10.672 min Scan# 1789

Delta R.T. -0.001 min

Lab File: BN019446.D

Acq: 13 Apr 2022 18:34

Tgt Ion:128 Resp: 12381

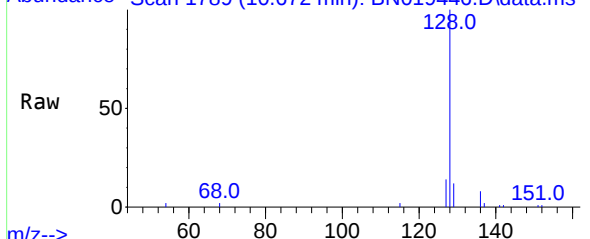
Ion Ratio Lower Upper

128 100

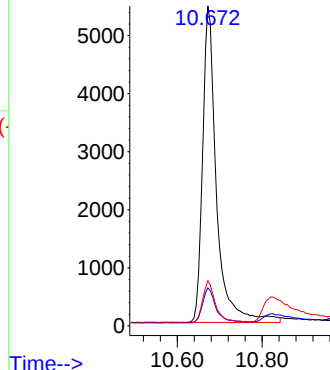
129 11.9 9.5 14.3

127 14.2 11.0 16.4

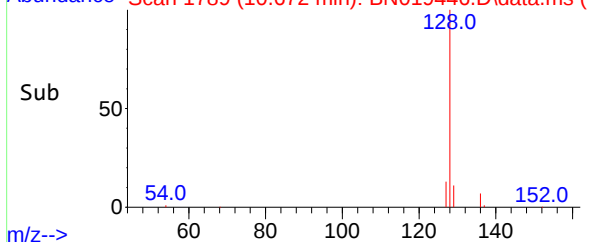
Abundance Scan 1789 (10.672 min): BN019446.D\data.ms

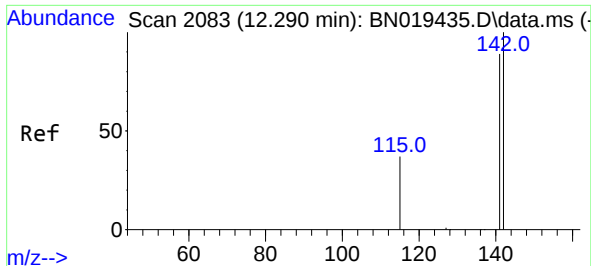


Abundance



Abundance Scan 1789 (10.672 min): BN019446.D\data.ms (-

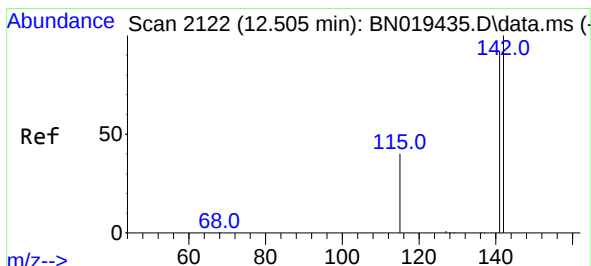
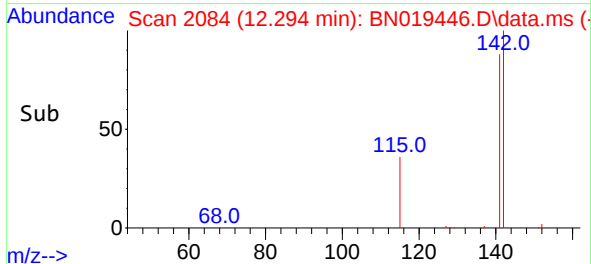
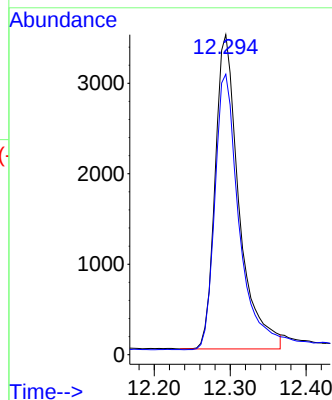
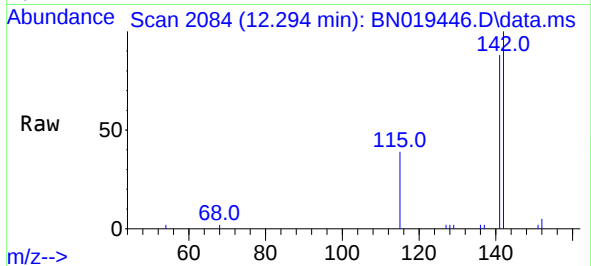




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.294 min Scan# 2083
Delta R.T. 0.004 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

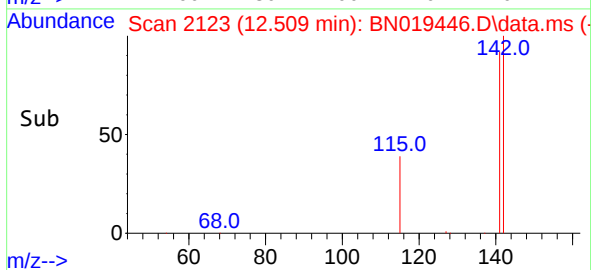
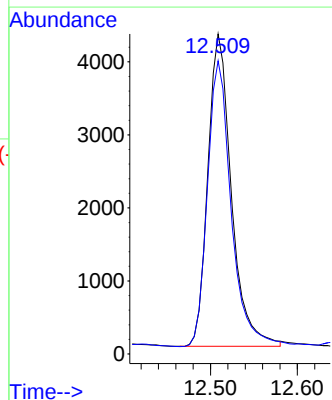
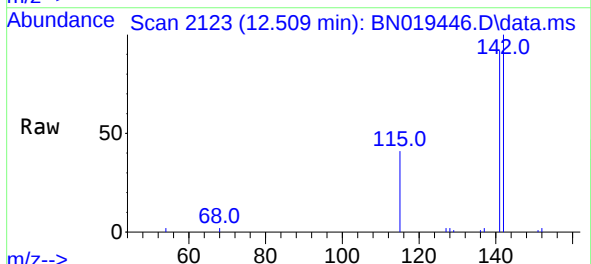
Instrument :
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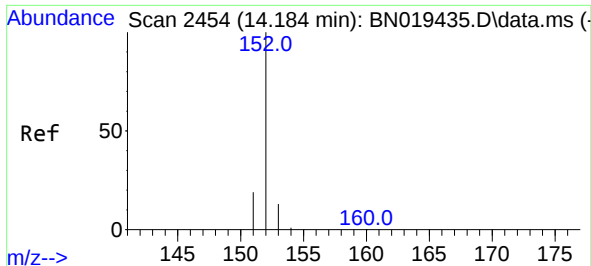
Tgt Ion:142 Resp: 7601
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. 0.004 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:142 Resp: 8067
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

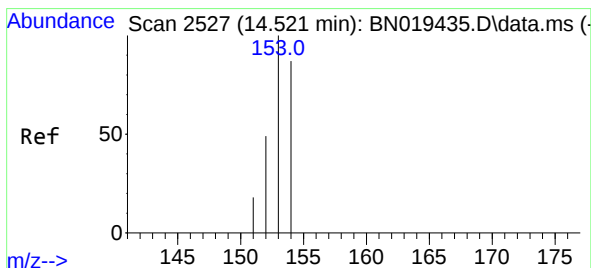
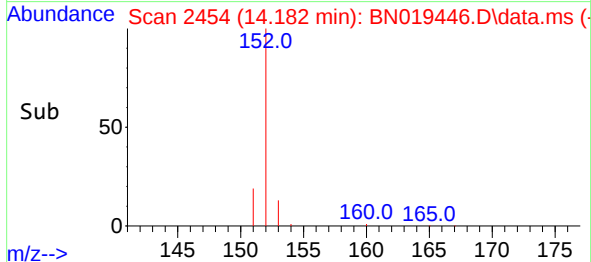
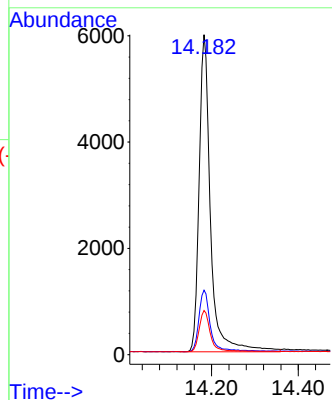
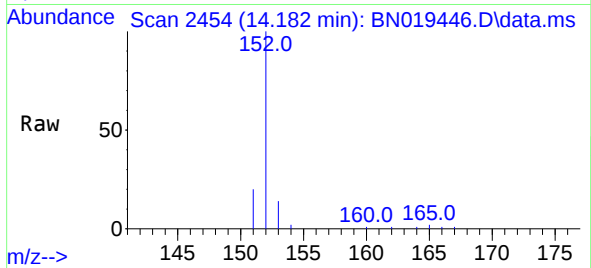




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

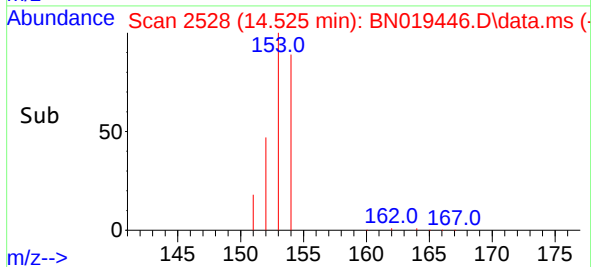
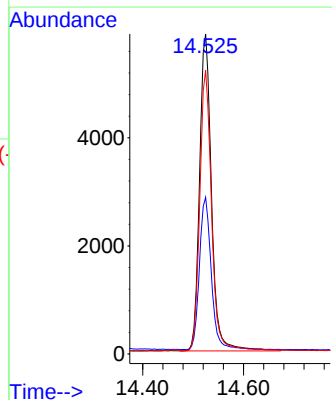
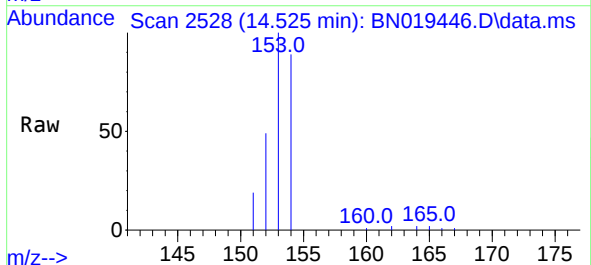
Instrument :
BNA_N
ClientSampleId :
SLCS958

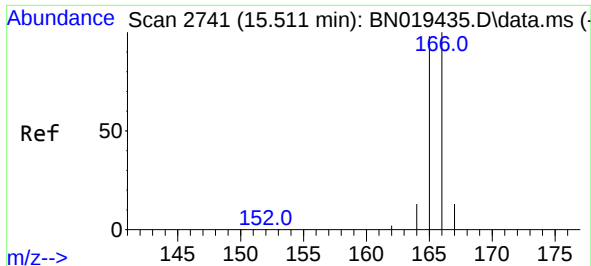
Tgt Ion:	152	Resp:	10905
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.8	11.1	16.7



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. 0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:	153	Resp:	9670
Ion	Ratio	Lower	Upper
153	100		
152	48.9	38.6	57.8
154	88.6	71.2	106.8

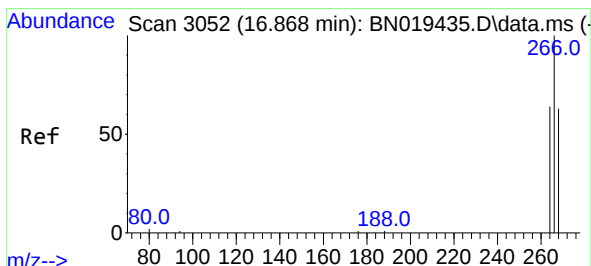
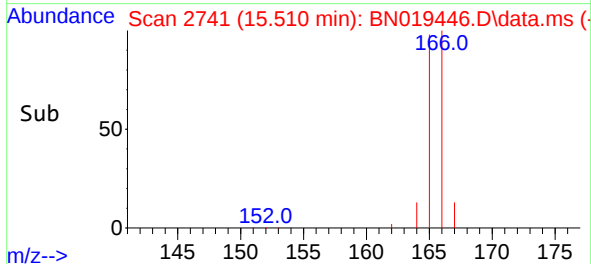
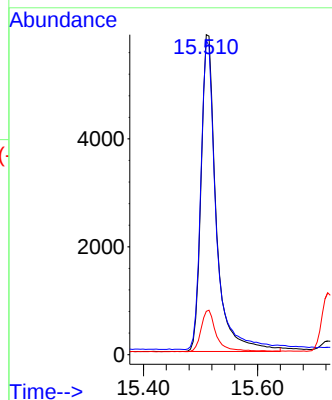
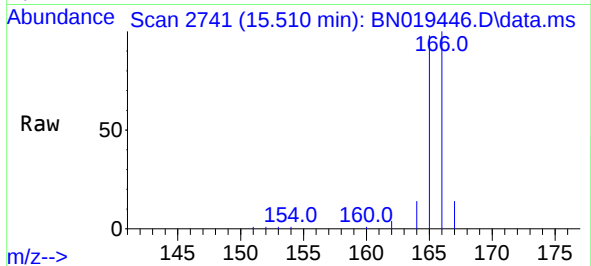




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

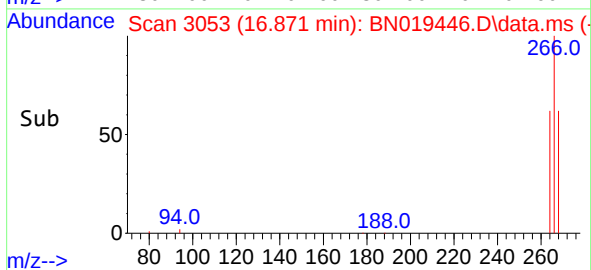
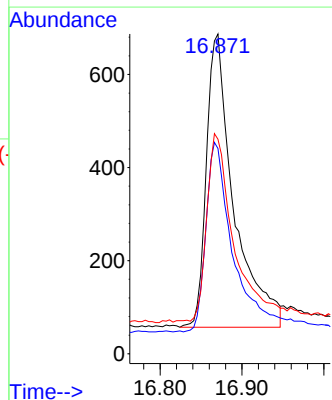
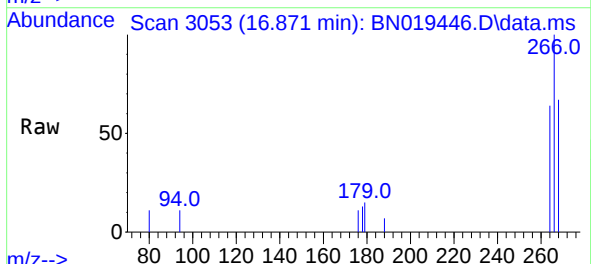
Instrument :
BNA_N
ClientSampleId :
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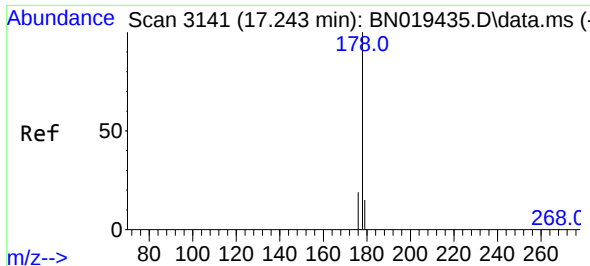
Tgt Ion:166 Resp: 10862
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.656 ng/ul
RT: 16.871 min Scan# 3053
Delta R.T. 0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:266 Resp: 1464
Ion Ratio Lower Upper
266 100
264 64.5 44.9 67.3
268 64.3 44.6 67.0

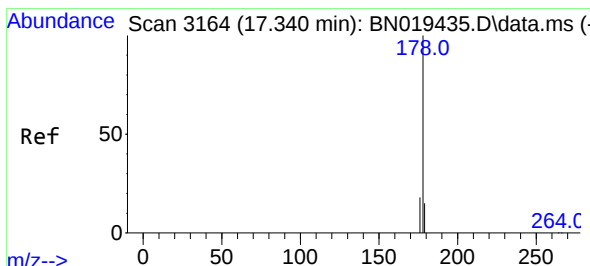
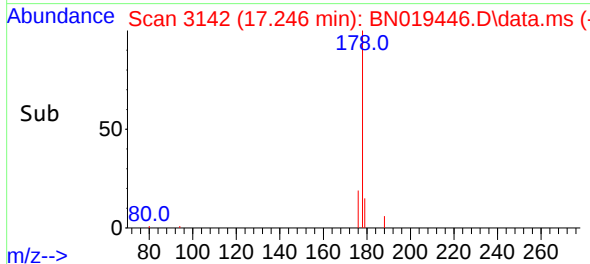
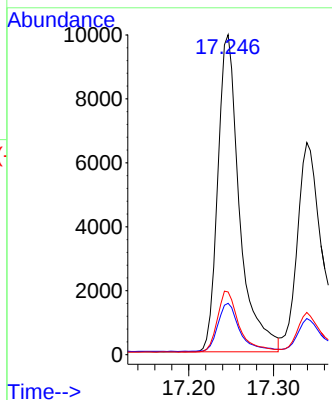
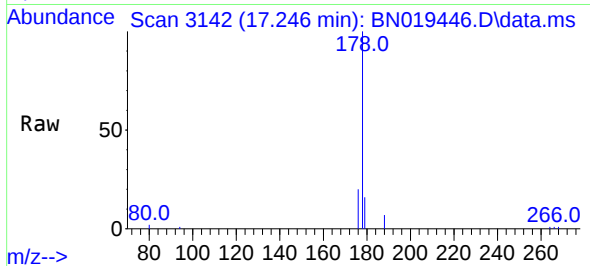




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.246 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

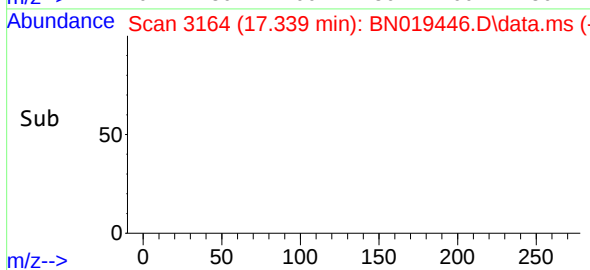
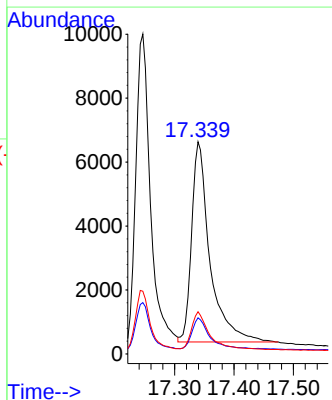
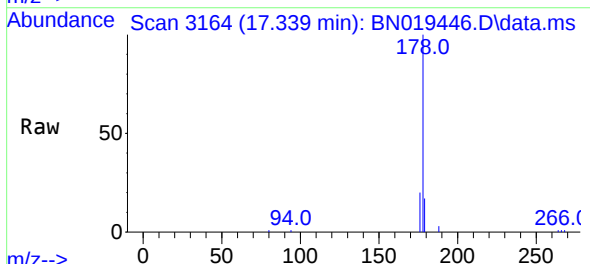
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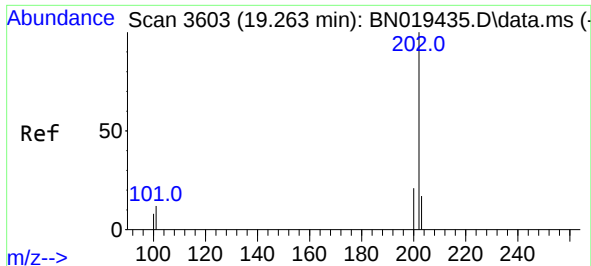
Tgt Ion:178 Resp: 17687
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.339 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:178 Resp: 13389
Ion Ratio Lower Upper
178 100
179 17.0 13.1 19.7
176 19.9 15.3 22.9

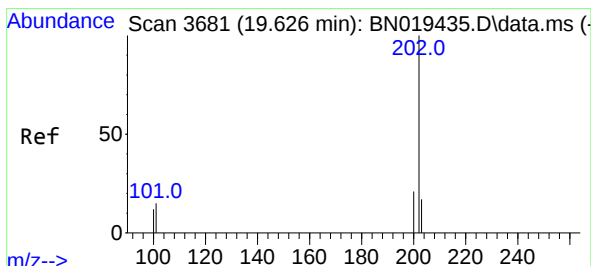
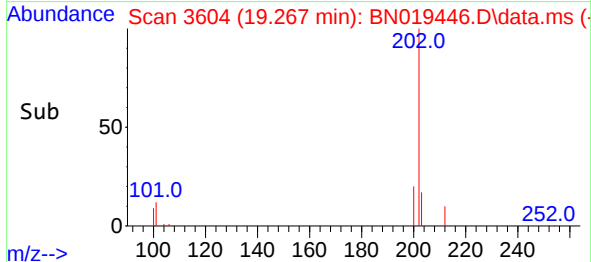
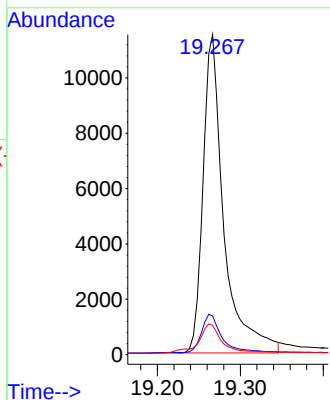
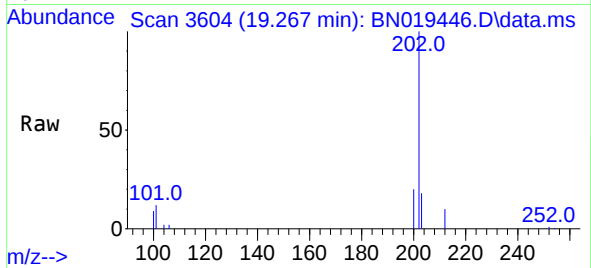




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. 0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

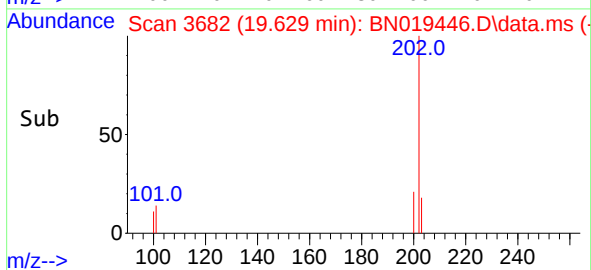
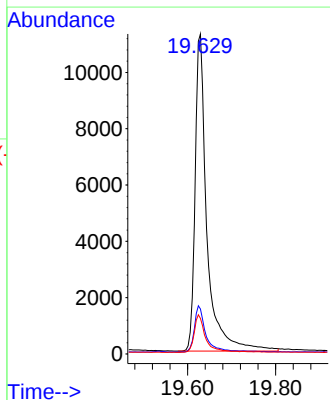
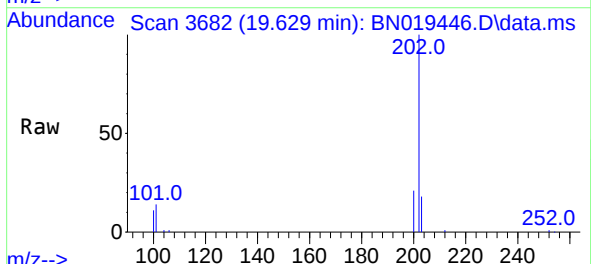
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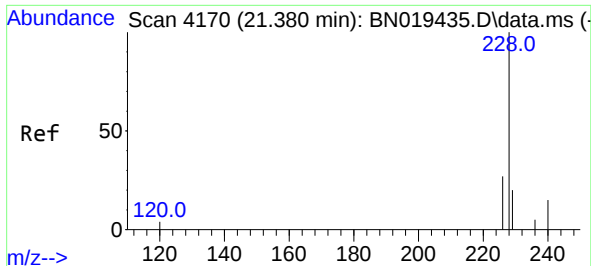
Tgt Ion:	202	Resp:	20052
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.7	14.5
100	9.2	7.4	11.2



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.629 min Scan# 3682
Delta R.T. 0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:	202	Resp:	21094
Ion Ratio	Lower	Upper	
202	100		
101	14.0	11.4	17.0
100	11.1	9.0	13.4

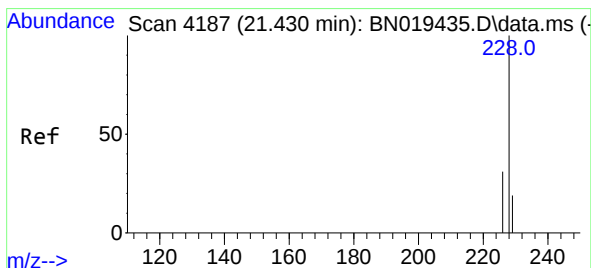
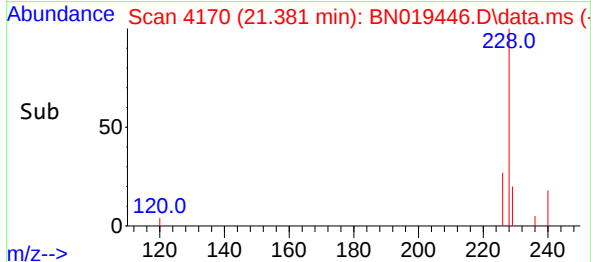
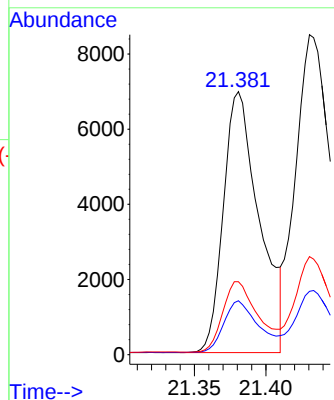
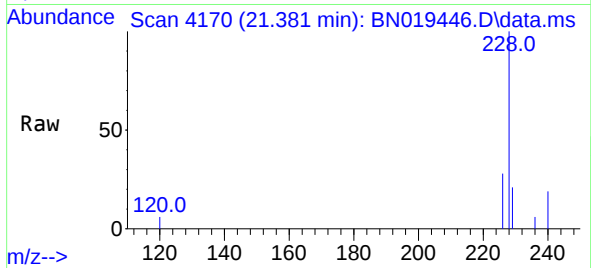




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.381 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

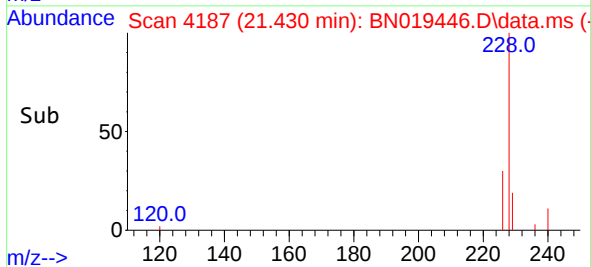
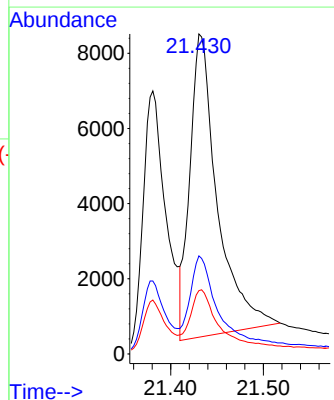
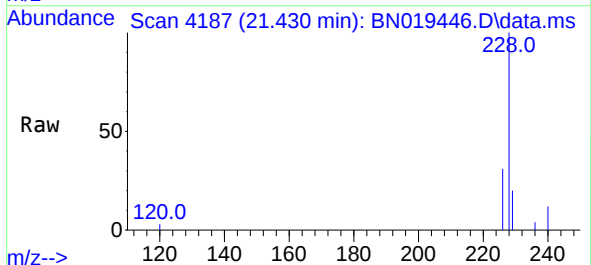
Instrument :
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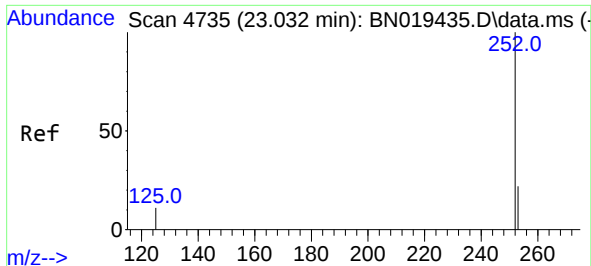
Tgt Ion:	228	Resp:	12119
Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.1	24.1
226	27.8	22.1	33.1



#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:	228	Resp:	16614
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.8	16.0	24.0

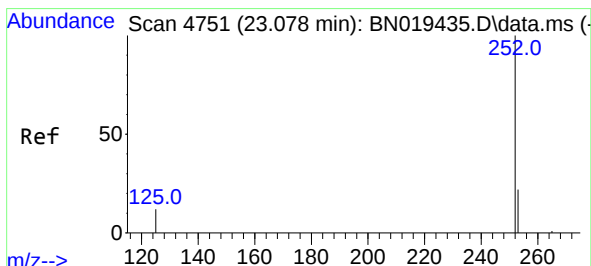
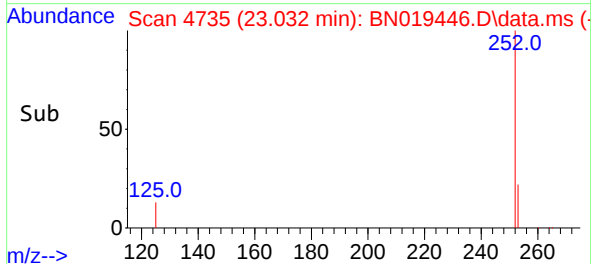
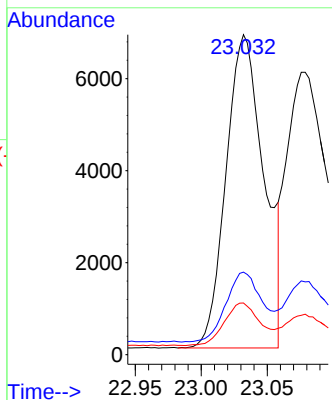
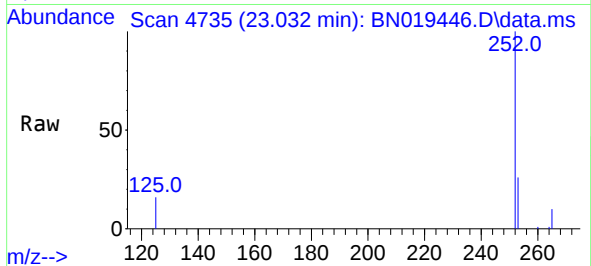




#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.032 min Scan# 4735
Delta R.T. 0.000 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

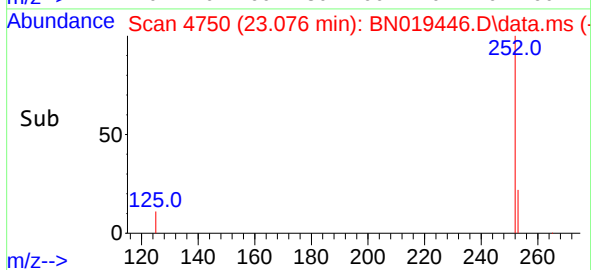
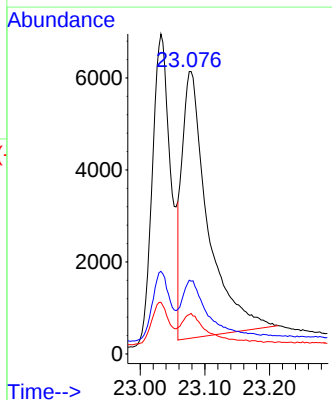
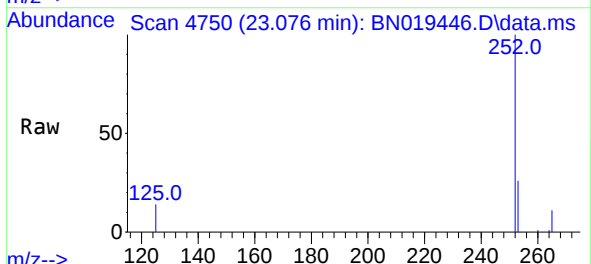
Instrument :
BNA_N
ClientSampleId :
SLCS958

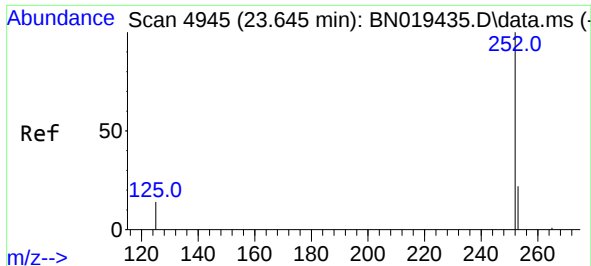
Tgt Ion:252 Resp: 13646
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.0
125 16.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.076 min Scan# 4750
Delta R.T. -0.002 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:252 Resp: 16101
Ion Ratio Lower Upper
252 100
253 26.1 20.2 30.2
125 13.9 11.0 16.6

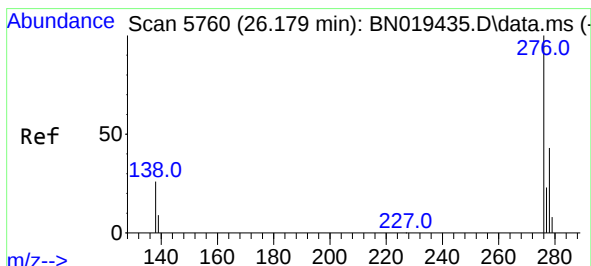
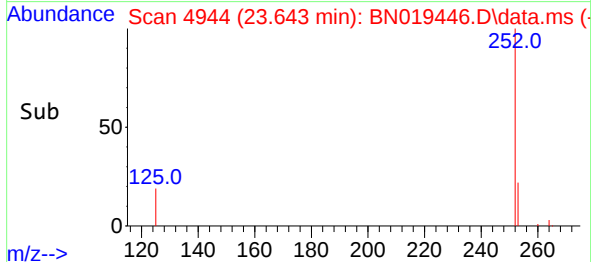
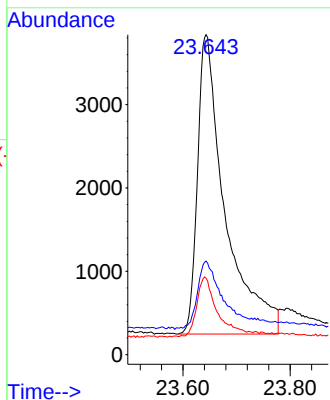
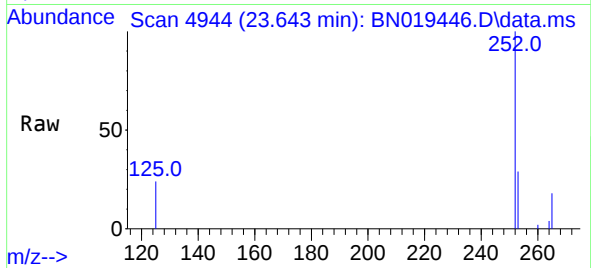




#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.643 min Scan# 4945
Delta R.T. -0.002 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

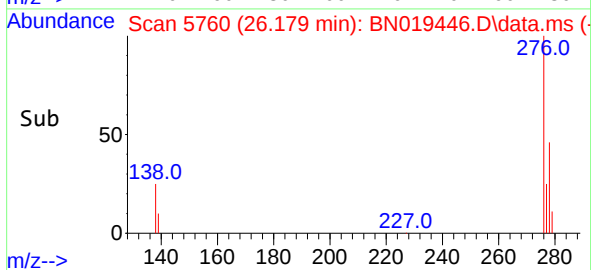
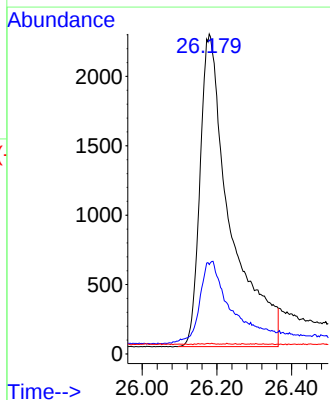
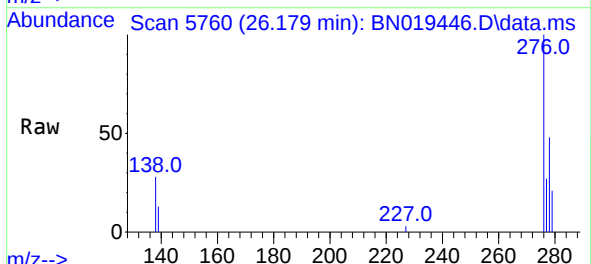
Instrument :
BNA_N
ClientSampleId :
SLCS958

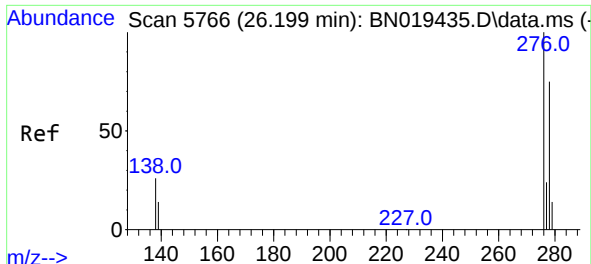
Tgt Ion:252 Resp: 12843
Ion Ratio Lower Upper
252 100
253 29.3 23.4 35.0
125 23.9 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. 0.000 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:276 Resp: 12535
Ion Ratio Lower Upper
276 100
138 28.4 23.6 35.4
227 0.1 0.0 0.0#

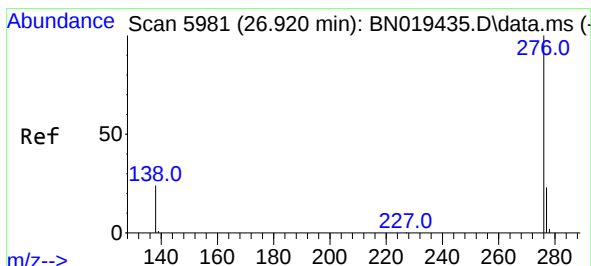
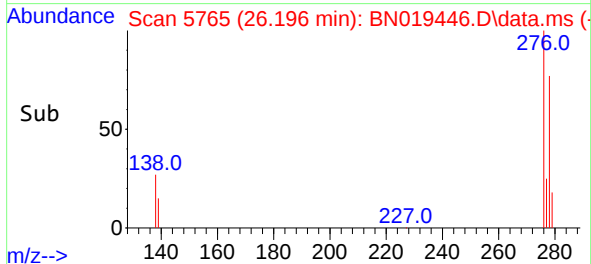
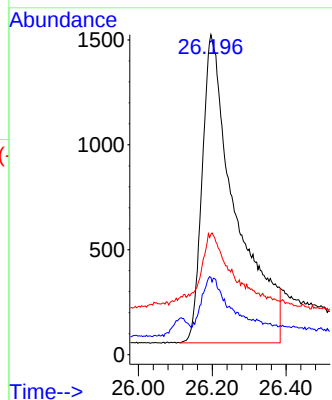
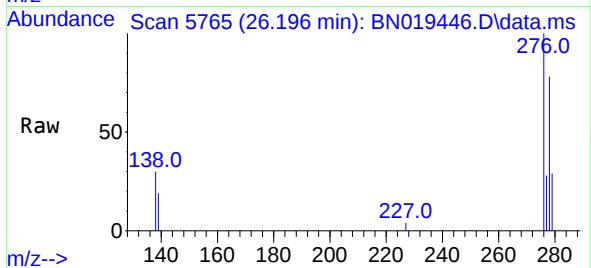




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Instrument :
BNA_N
ClientSampleId :
SLCS958

Tgt Ion:278 Resp: 9240
Ion Ratio Lower Upper
278 100
139 24.1 18.6 28.0
279 37.6 35.1 52.7



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.003 min
Lab File: BN019446.D
Acq: 13 Apr 2022 18:34

Tgt Ion:276 Resp: 12604
Ion Ratio Lower Upper
276 100
138 25.9 20.9 31.3
277 25.7 20.4 30.6

