

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020122\
 Data File : BN018535.D
 Acq On : 02 Feb 2022 04:07
 Operator : CG/JU
 Sample : PB142347BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Quant Time: Feb 02 05:31:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 03:59:58 2022
 Response via : Initial Calibration

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

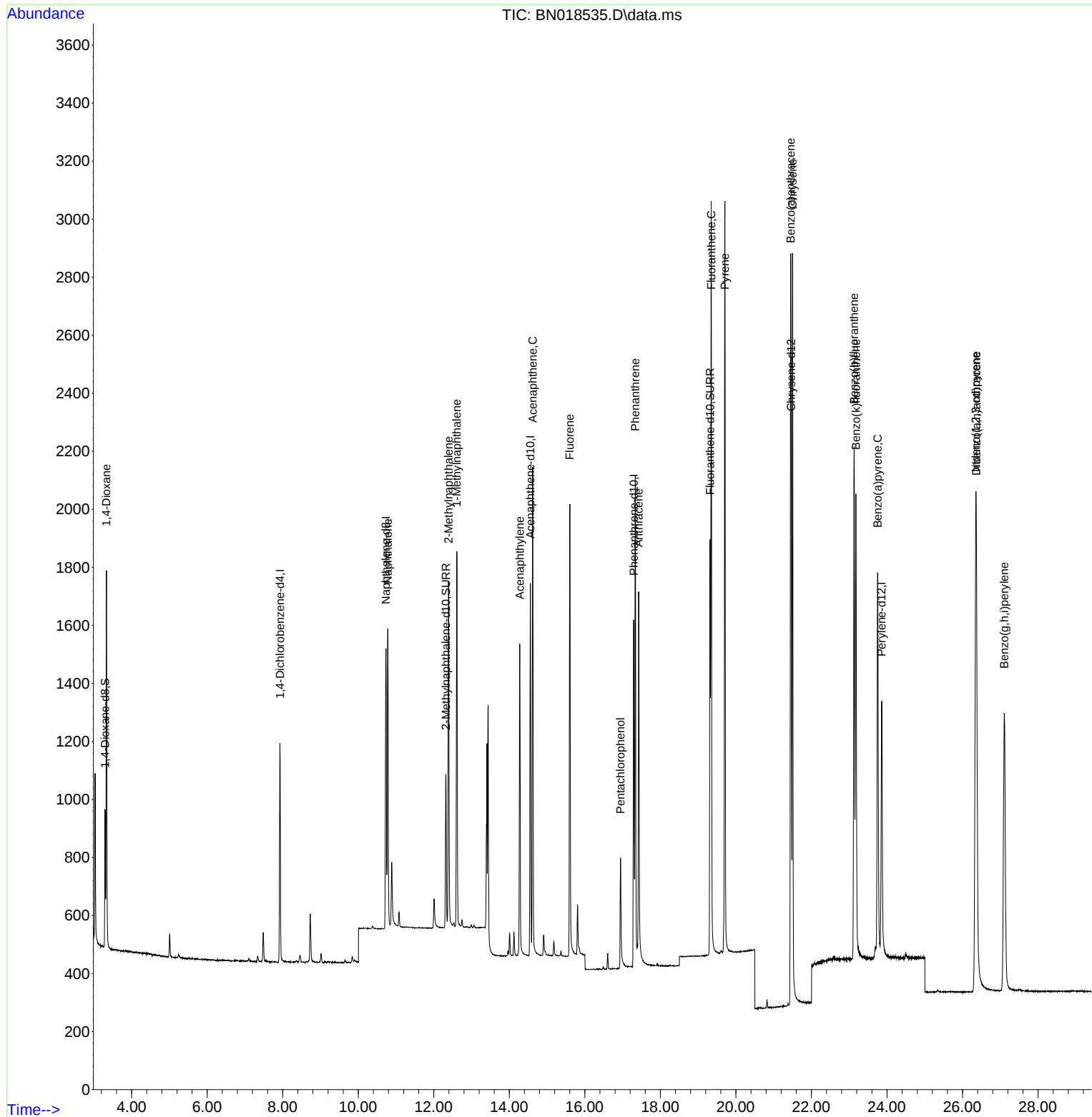
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1345	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.558	164	738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	1470	0.400	ng/ul #	0.00
17) Chrysene-d12	21.464	240	1357	0.400	ng/ul #	0.00
23) Perylene-d12	23.858	264	1243	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	311	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	723	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	1615	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	838	1.802	ng/ul#	71
5) Naphthalene	10.783	128	1435	0.387	ng/ul#	91
7) 2-Methylnaphthalene	12.394	142	895	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.608	142	911	0.379	ng/ul	100
10) Acenaphthylene	14.276	152	1306	0.426	ng/ul#	91
11) Acenaphthene	14.618	153	991	0.388	ng/ul	98
12) Fluorene	15.603	166	1095	0.401	ng/ul#	98
14) Pentachlorophenol	16.943	266	311	2.381	ng/ul	100
15) Phenanthrene	17.336	178	1868	0.394	ng/ul	94
16) Anthracene	17.424	178	1566	0.400	ng/ul#	92
19) Fluoranthene	19.346	202	2206	0.421	ng/ul#	87
20) Pyrene	19.709	202	2282	0.424	ng/ul#	88
21) Benzo(a)anthracene	21.447	228	2044	0.458	ng/ul	96
22) Chrysene	21.499	228	2330	0.453	ng/ul	97
24) Benzo(b)fluoranthene	23.130	252	2358	0.455	ng/ul	90
25) Benzo(k)fluoranthene	23.177	252	2296	0.423	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	2164	0.502	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.349	276	2468	0.439	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.366	278	1995	0.452	ng/ul#	82
29) Benzo(g,h,i)perylene	27.107	276	2219	0.454	ng/ul#	82

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

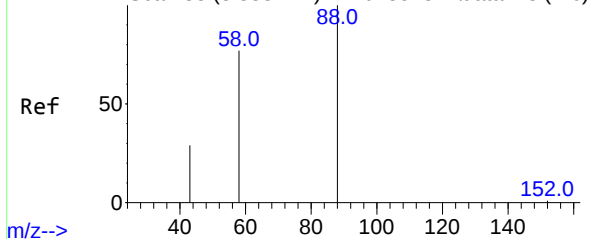
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020122\
Data File : BN018535.D
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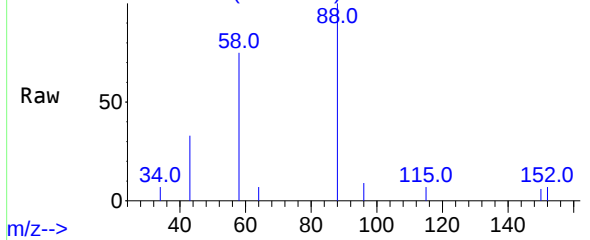
Quant Time: Feb 02 05:31:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 03:59:58 2022
Response via : Initial Calibration



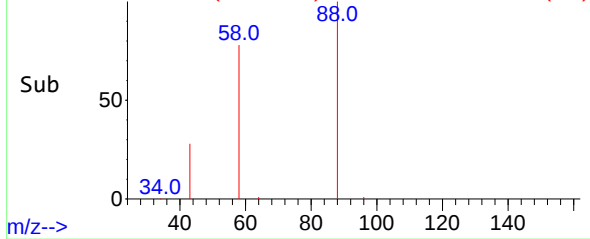
Abundance Scan 83 (3.333 min): BN018523.D\data.ms (-76)



m/z--> Scan 83 (3.332 min): BN018535.D\data.ms



m/z--> Scan 83 (3.332 min): BN018535.D\data.ms (-59)



m/z-->

#2

1,4-Dioxane

Concen: 1.802 ng/ul

RT: 3.332 min Scan# 81

Delta R.T. -0.000 min

Lab File: BN018535.D

Acq: 02 Feb 2022 04:07

Instrument :

BNA_N

ClientSampleId :

SLCS347

Tgt Ion: 88 Resp: 838

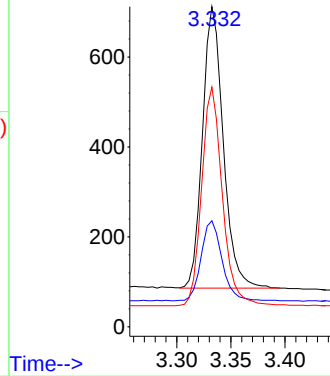
Ion Ratio Lower Upper

88 100

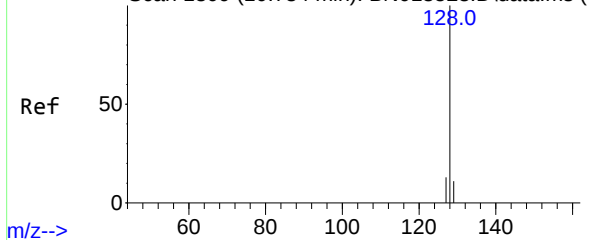
43 33.1 47.8 71.8#

58 74.9 46.2 69.2#

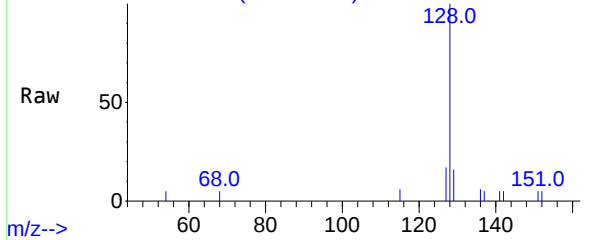
Abundance



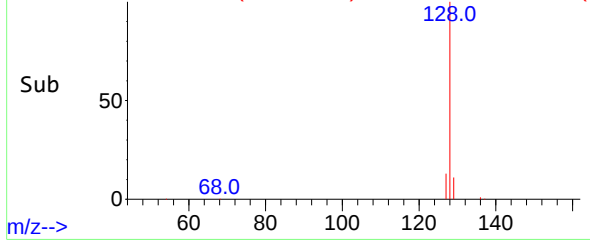
Abundance Scan 1809 (10.784 min): BN018523.D\data.ms (-



m/z--> Scan 1809 (10.783 min): BN018535.D\data.ms



m/z--> Scan 1809 (10.783 min): BN018535.D\data.ms (-



m/z-->

#5

Naphthalene

Concen: 0.387 ng/ul

RT: 10.783 min Scan# 1809

Delta R.T. -0.002 min

Lab File: BN018535.D

Acq: 02 Feb 2022 04:07

Tgt Ion:128 Resp: 1435

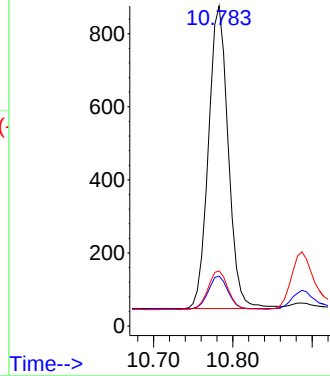
Ion Ratio Lower Upper

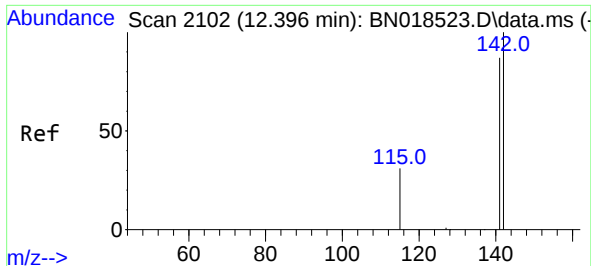
128 100

129 15.6 9.4 14.0#

127 17.2 11.0 16.6#

Abundance

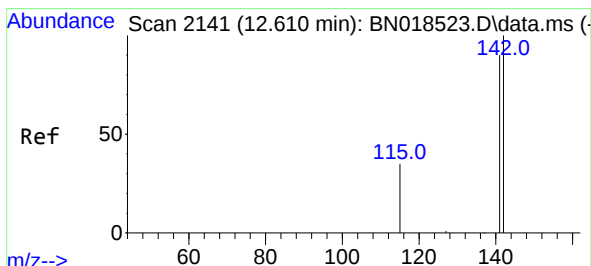
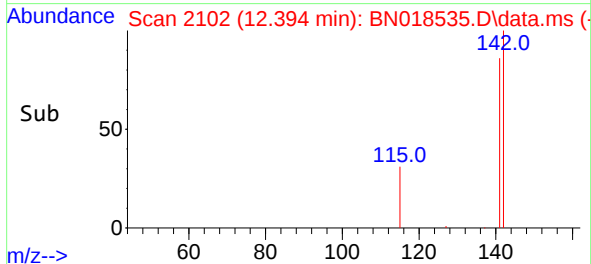
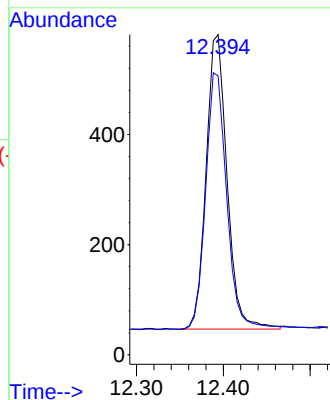
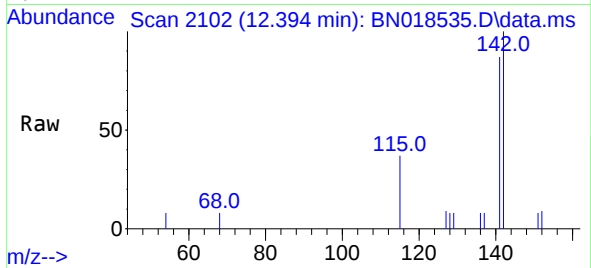




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.394 min Scan# 2102
Delta R.T. -0.002 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

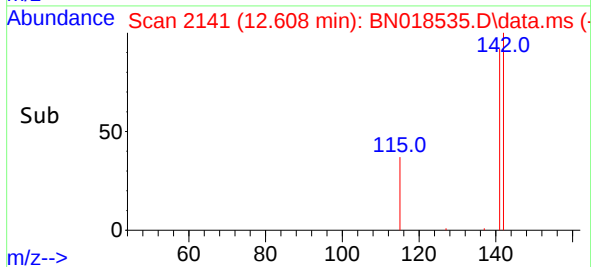
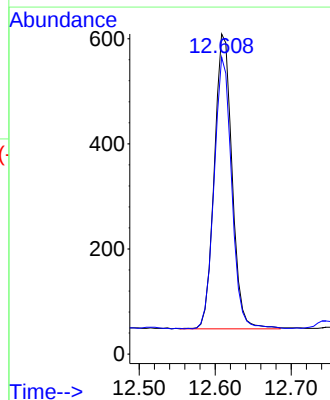
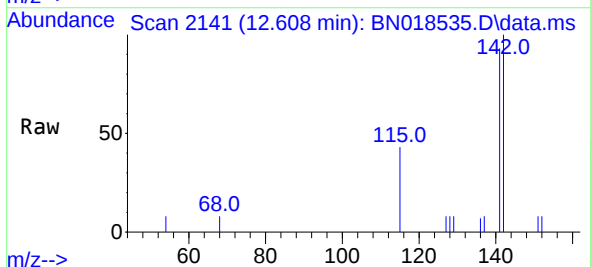
Instrument :
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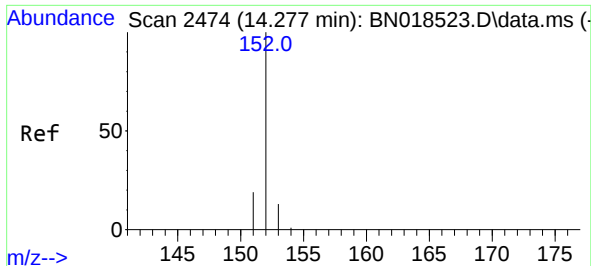
Tgt Ion:142 Resp: 895
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.608 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:142 Resp: 911
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

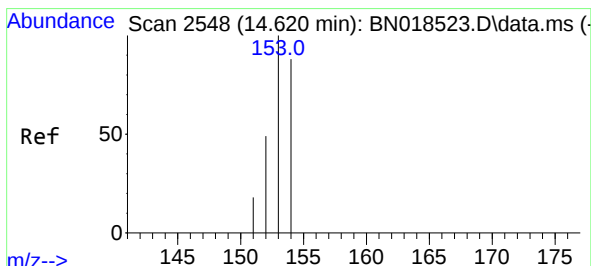
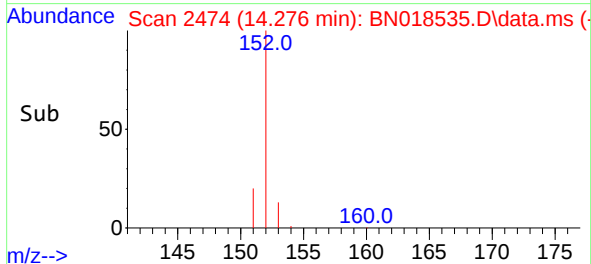
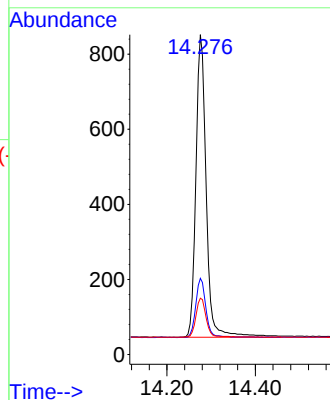
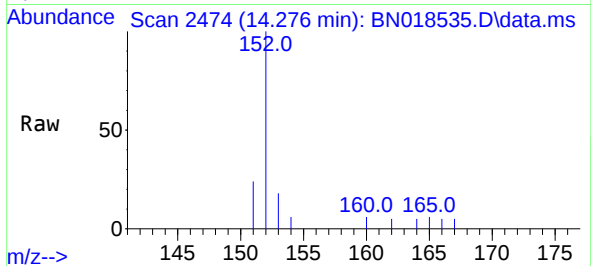




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

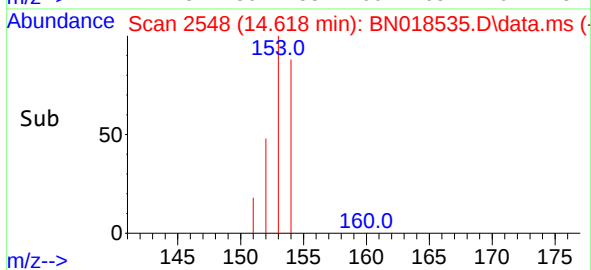
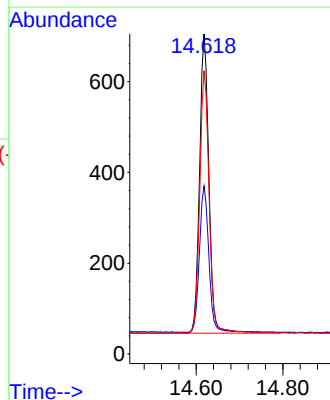
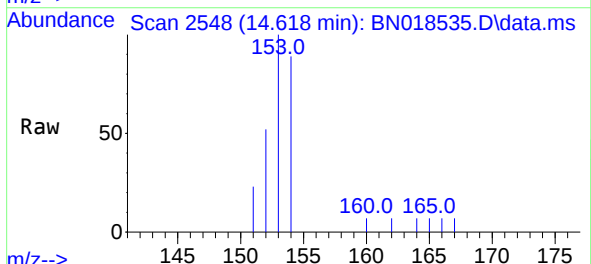
Instrument :
BNA_N
ClientSampleId :
SLCS347

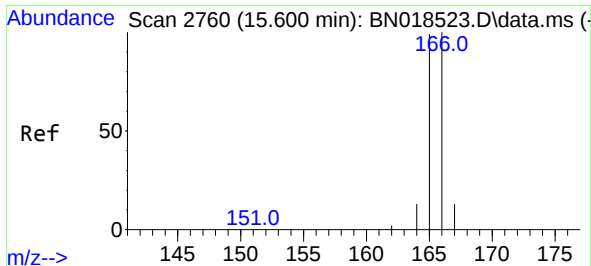
Tgt Ion:152 Resp: 1306
Ion Ratio Lower Upper
152 100
151 23.8 15.8 23.8#
153 17.6 10.7 16.1#



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.002 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:153 Resp: 991
Ion Ratio Lower Upper
153 100
152 52.5 39.7 59.5
154 88.5 70.9 106.3

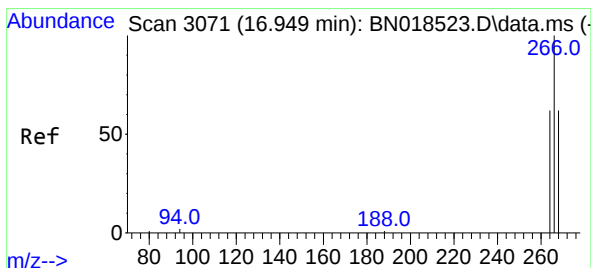
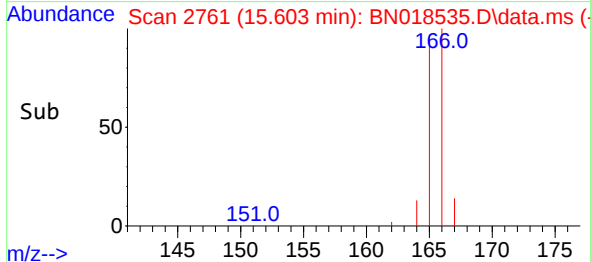
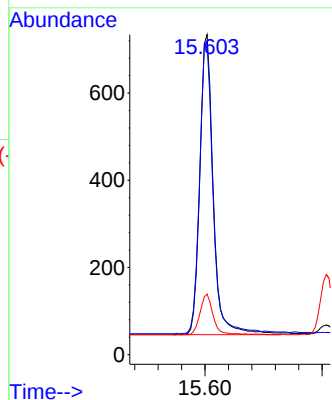
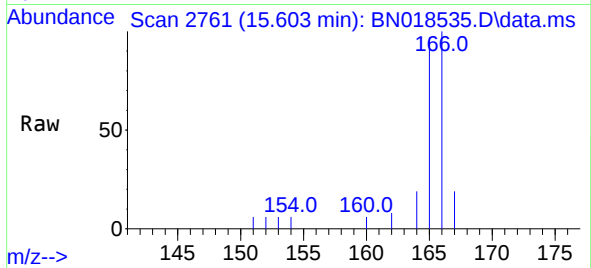




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

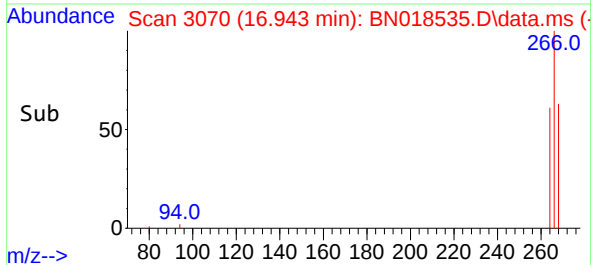
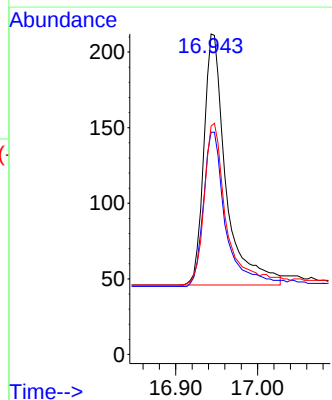
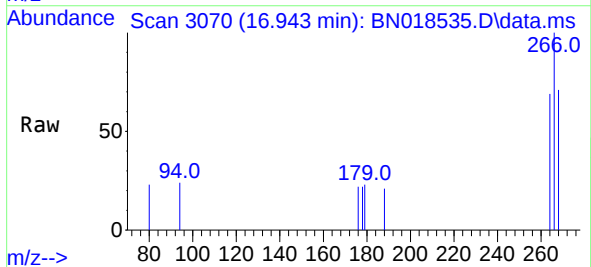
Instrument :
BNA_N
ClientSampleId :
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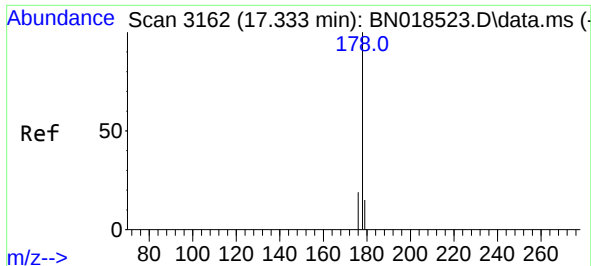
Tgt Ion:166 Resp: 1095
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 18.9 11.6 17.4#



#14
Pentachlorophenol
Concen: 2.381 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:266 Resp: 311
Ion Ratio Lower Upper
266 100
264 62.1 49.9 74.9
268 64.3 51.7 77.5

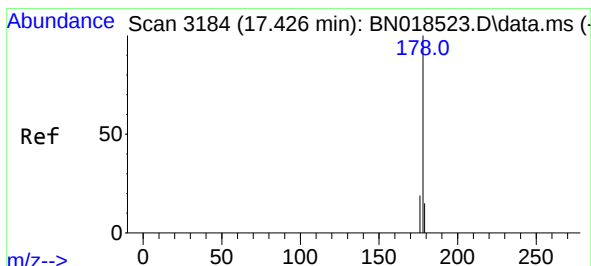
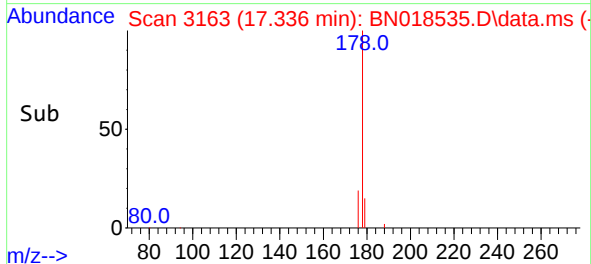
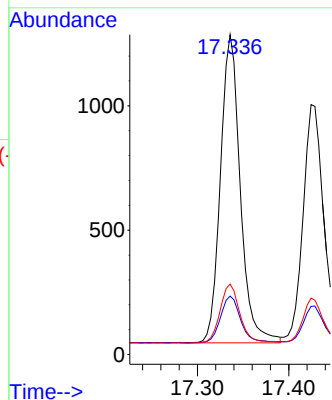
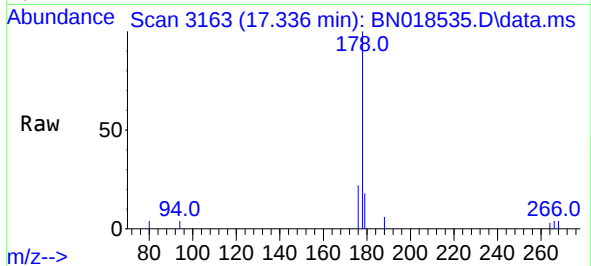




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.336 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

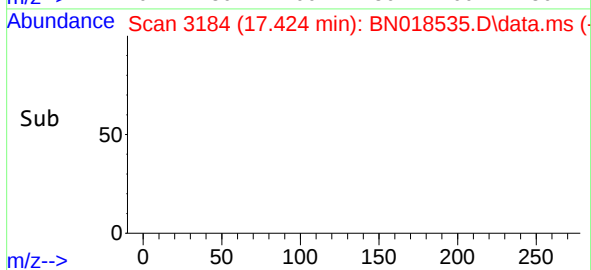
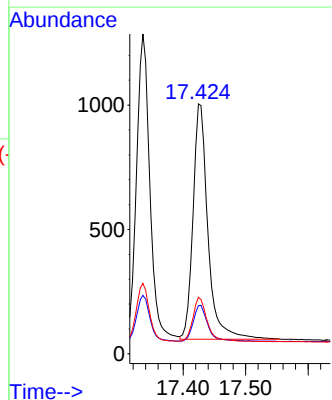
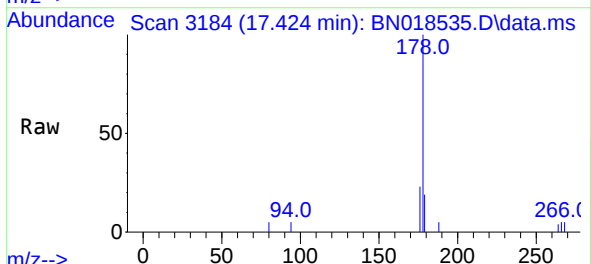
Instrument :
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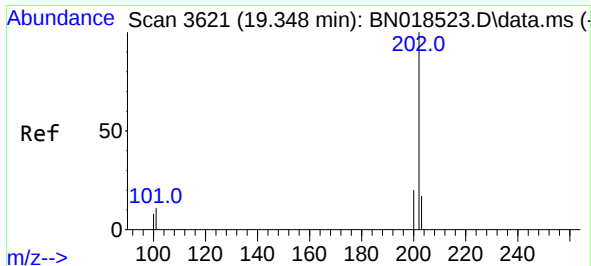
Tgt Ion:	178	Resp:	1868
Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.2	18.4
176	22.0	15.4	23.2



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.424 min Scan# 3184
Delta R.T. -0.006 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:	178	Resp:	1566
Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.3	18.5#
176	22.6	15.5	23.3

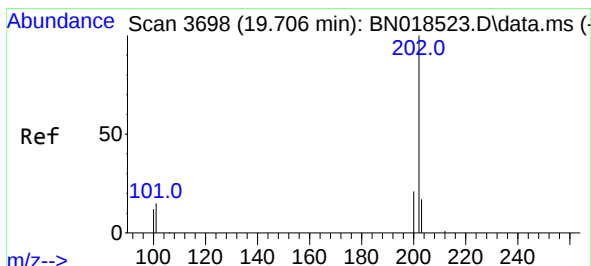
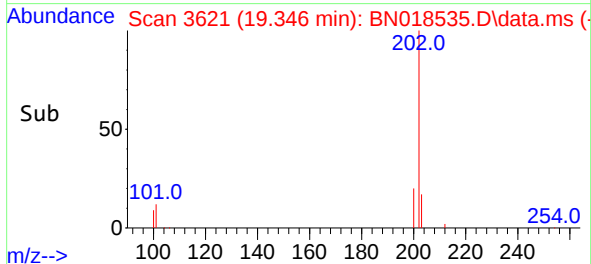
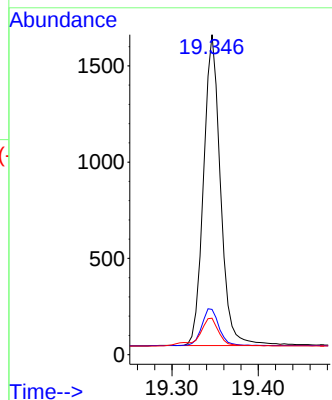
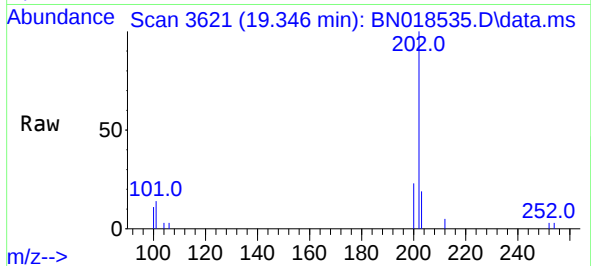




#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

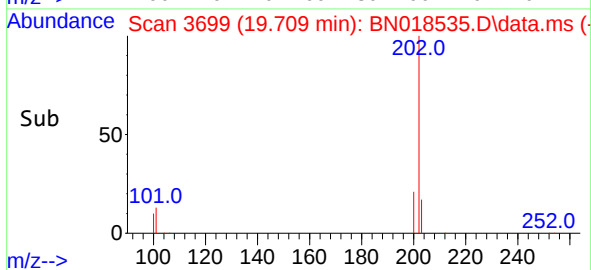
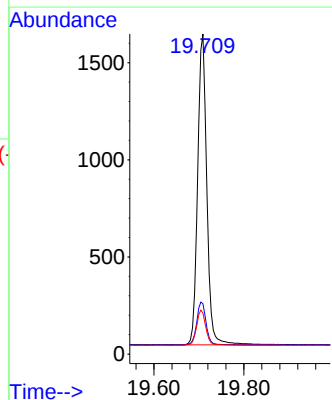
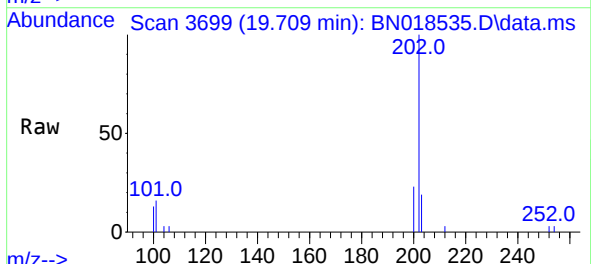
Instrument :
BNA_N
ClientSampleId :
SLCS347

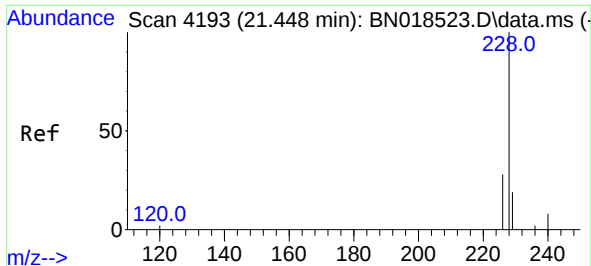
Tgt Ion:202 Resp: 2206
Ion Ratio Lower Upper
202 100
101 14.1 7.5 11.3#
100 11.4 5.4 8.2#



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:202 Resp: 2282
Ion Ratio Lower Upper
202 100
101 15.7 9.0 13.4#
100 12.8 7.0 10.4#

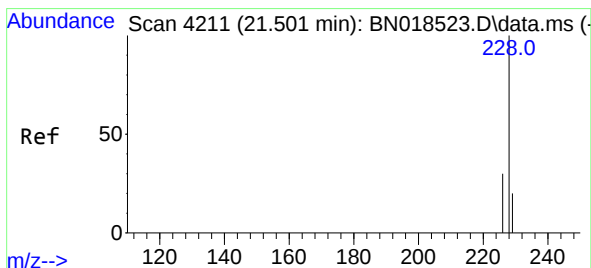
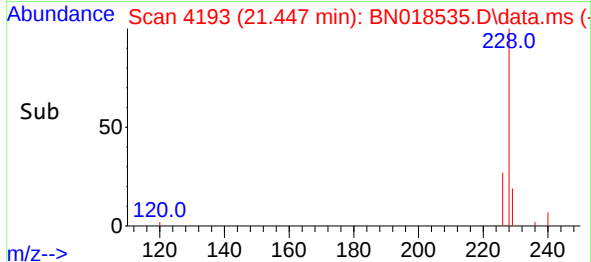
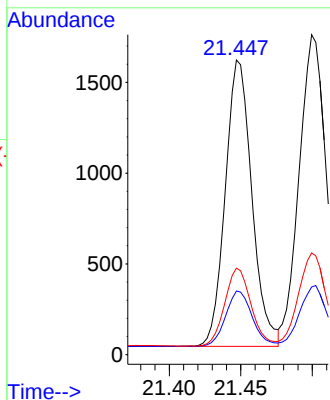
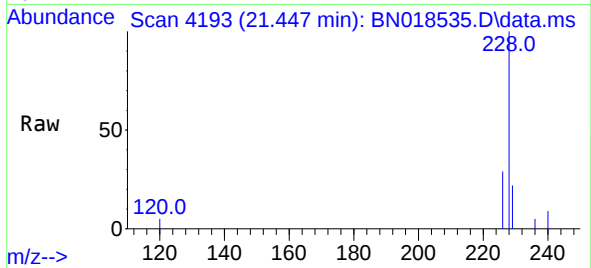




#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.010 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

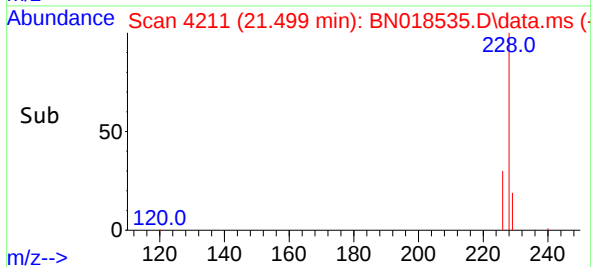
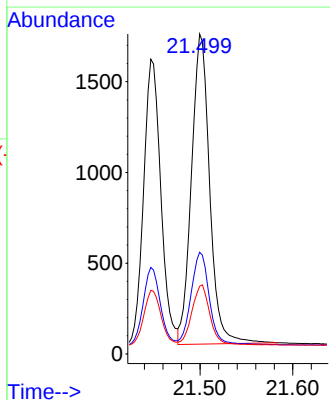
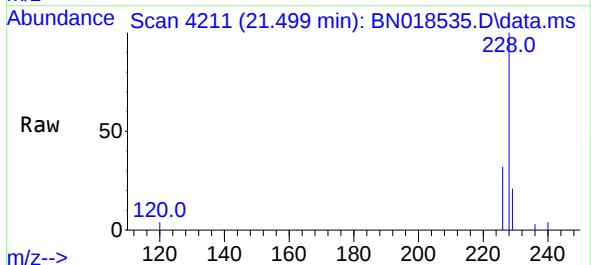
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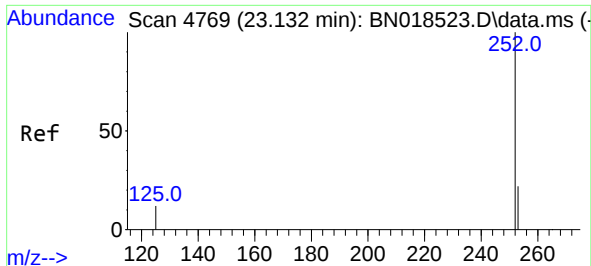
Tgt Ion:	228	Resp:	2044
Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	29.4	22.1	33.1



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.499 min Scan# 4211
Delta R.T. -0.007 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:	228	Resp:	2330
Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.4
229	21.2	15.7	23.5

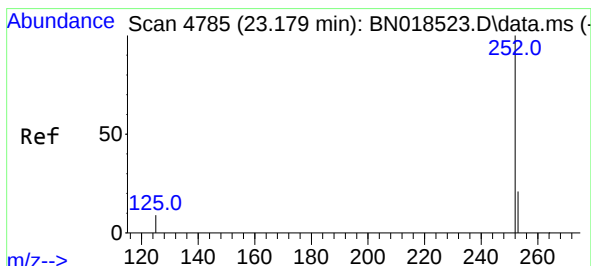
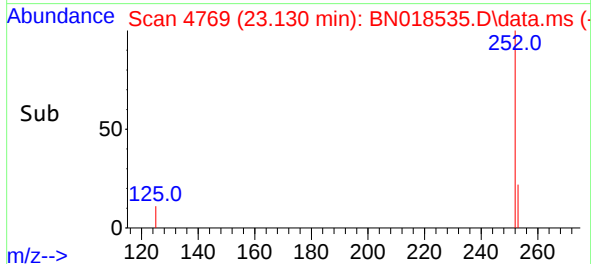
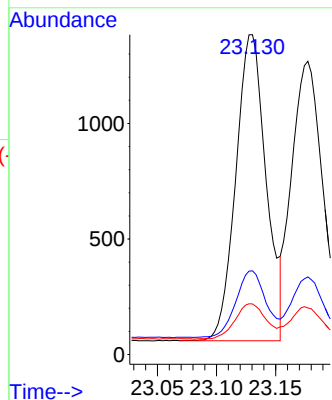
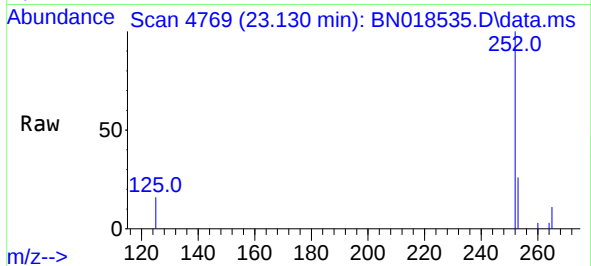




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.130 min Scan# 4769
Delta R.T. -0.010 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

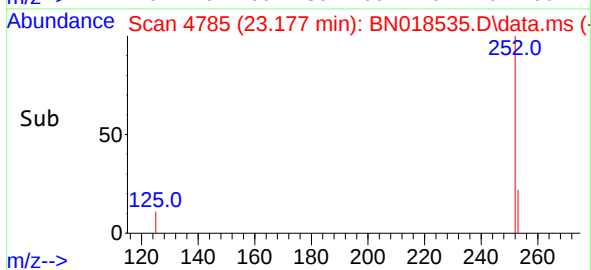
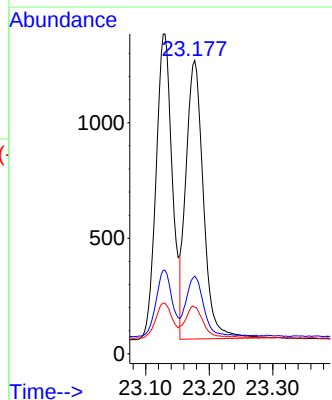
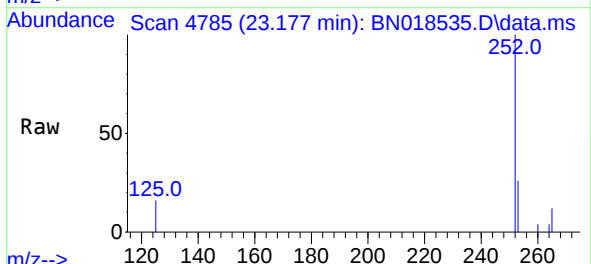
Instrument :
BNA_N
ClientSampleId :
SLCS347

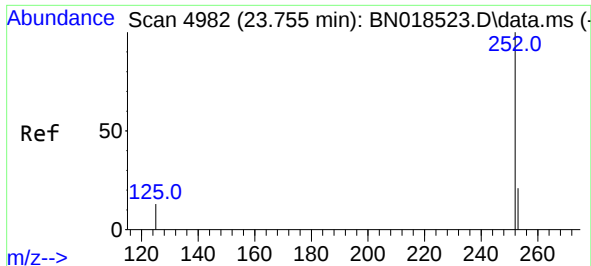
Tgt Ion:252	Resp:	2358
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 46.4
125	15.8	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.177 min Scan# 4785
Delta R.T. -0.010 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:252	Resp:	2296
Ion Ratio	Lower	Upper
252	100	
253	26.5	18.6 28.0
125	15.9	7.3 10.9

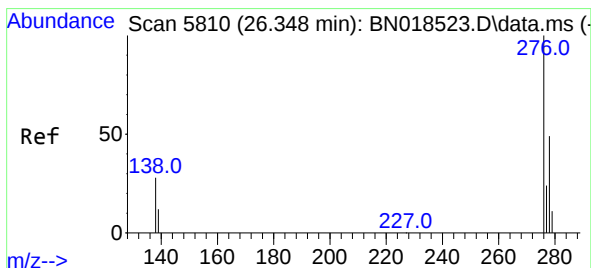
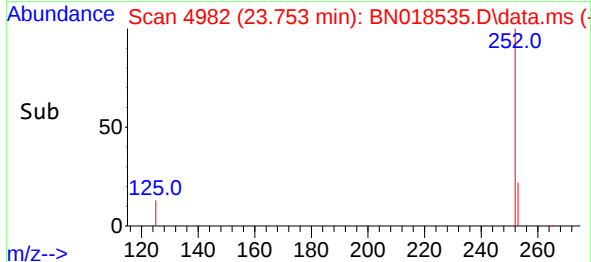
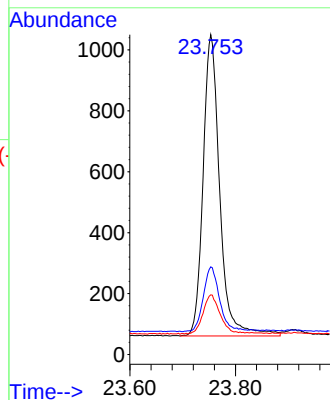
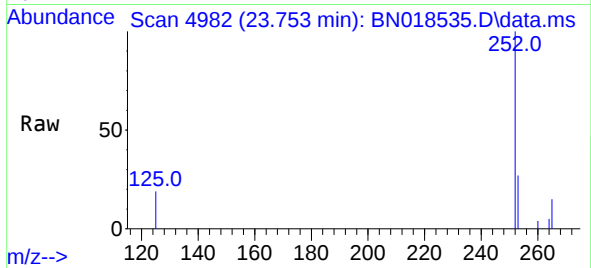




#26
Benzo(a)pyrene
Concen: 0.502 ng/ul
RT: 23.753 min Scan# 4982
Delta R.T. -0.010 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

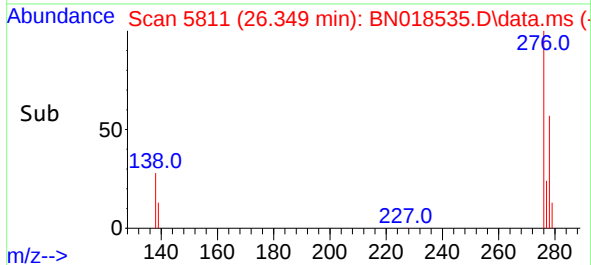
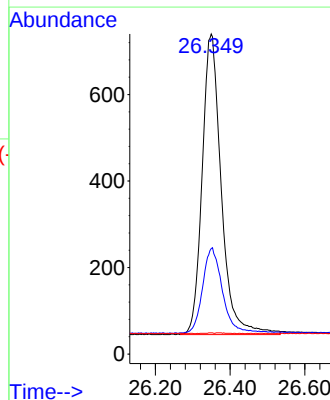
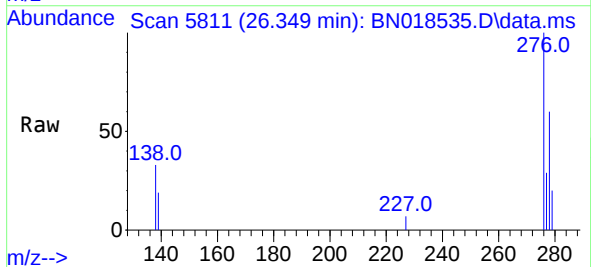
Instrument :
BNA_N
ClientSampleId :
SLCS347

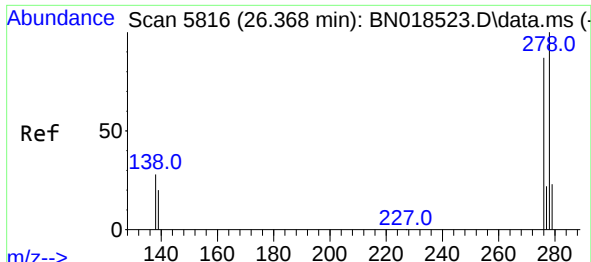
Tgt Ion:	252	Resp:	2164
Ion Ratio	Lower	Upper	
252	100		
253	27.4	18.9	28.3
125	18.7	8.2	12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.349 min Scan# 5811
Delta R.T. -0.015 min
Lab File: BN018535.D
Acq: 02 Feb 2022 04:07

Tgt Ion:	276	Resp:	2468
Ion Ratio	Lower	Upper	
276	100		
138	29.6	16.5	24.7#
227	0.1	0.1	0.1

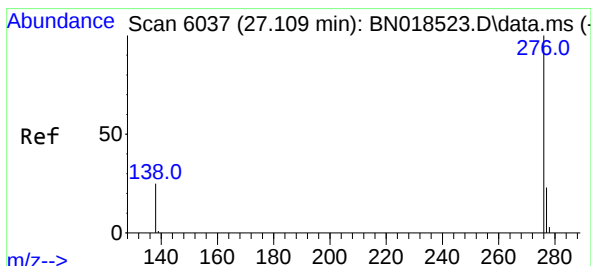
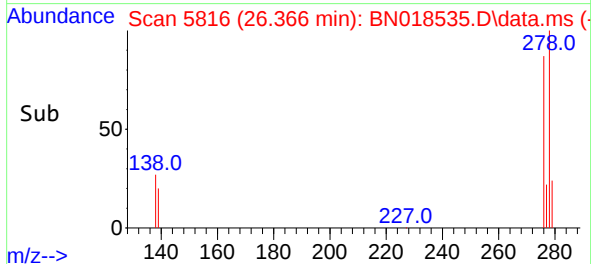
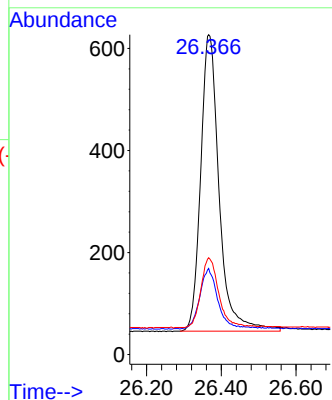
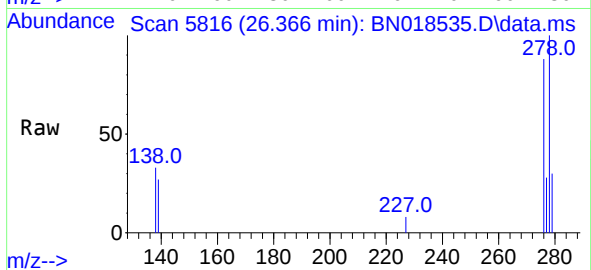




#28
 Dibenzo(a,h)anthracene
 Concen: 0.452 ng/ul
 RT: 26.366 min Scan# 5816
 Delta R.T. -0.021 min
 Lab File: BN018535.D
 Acq: 02 Feb 2022 04:07

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Tgt Ion:278 Resp: 1995
 Ion Ratio Lower Upper
 278 100
 139 27.0 11.9 17.9#
 279 30.3 19.5 29.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.454 ng/ul
 RT: 27.107 min Scan# 6037
 Delta R.T. -0.018 min
 Lab File: BN018535.D
 Acq: 02 Feb 2022 04:07

Tgt Ion:276 Resp: 2219
 Ion Ratio Lower Upper
 276 100
 138 31.2 14.4 21.6#
 277 28.8 19.2 28.8#

