

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010322\
 Data File : BN018304.D
 Acq On : 03 Jan 2022 13:04
 Operator : CG/JU
 Sample : PB141604BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS604

Quant Time: Jan 03 23:59:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:34:45 2021
 Response via : Initial Calibration

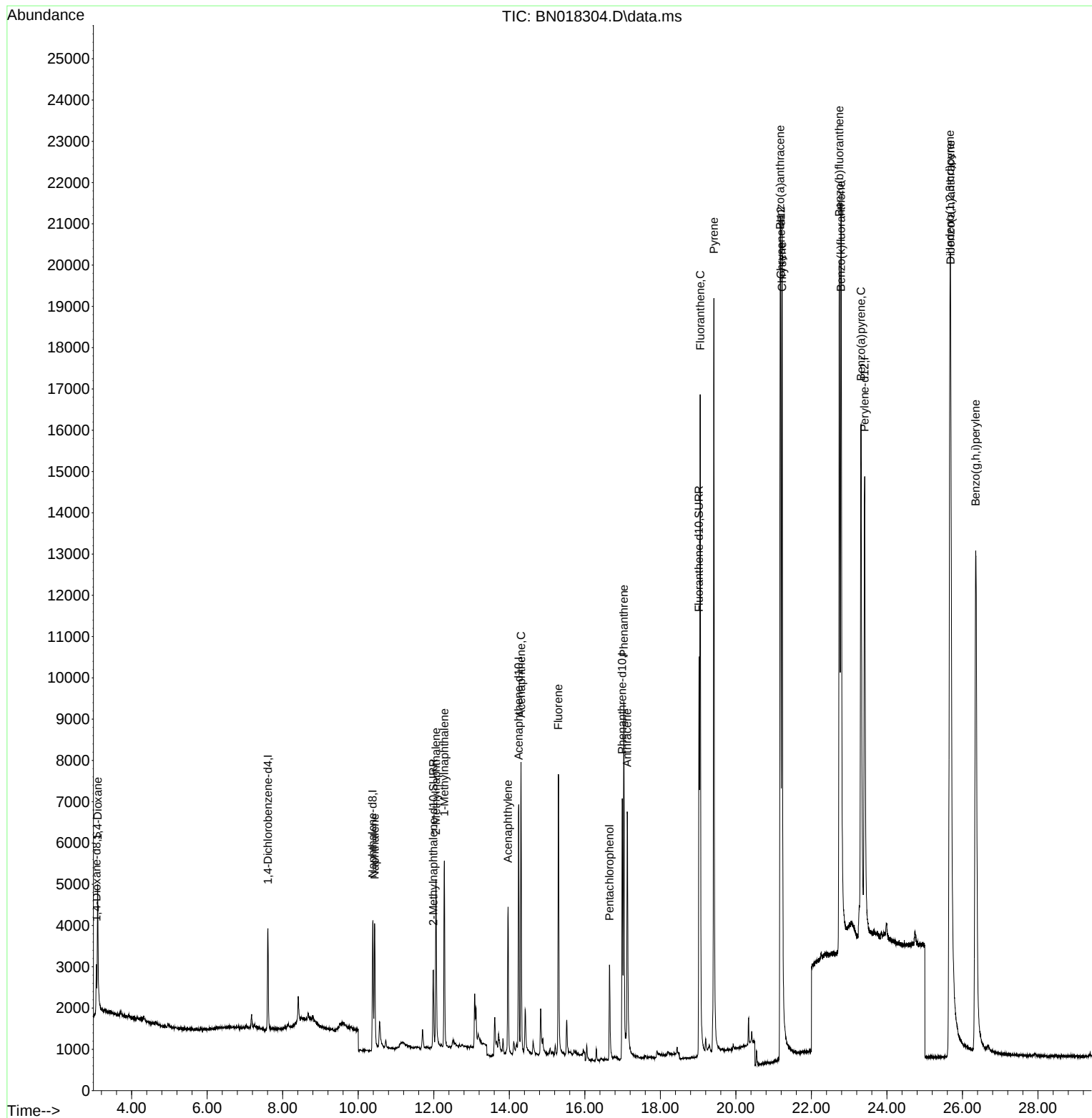
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	4836	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.249	164	3411	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	8493	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	13363	0.400	ng/ul	0.00
23) Perylene-d12	23.410	264	16535	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	1200	0.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2950	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	12376	0.313	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.101	88	2441	1.718	ng/ul#	90
5) Naphthalene	10.432	128	4668	0.325	ng/ul	96
7) 2-Methylnaphthalene	12.060	142	3303	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.280	142	3257	0.308	ng/ul	99
10) Acenaphthylene	13.967	152	4601	0.312	ng/ul#	94
11) Acenaphthene	14.310	153	4024	0.339	ng/ul	99
12) Fluorene	15.300	166	5033	0.344	ng/ul	97
14) Pentachlorophenol	16.653	266	1863	0.554	ng/ul	99
15) Phenanthrene	17.033	178	9986	0.355	ng/ul	97
16) Anthracene	17.122	178	8093	0.320	ng/ul	97
19) Fluoranthene	19.055	202	15461	0.291	ng/ul	98
20) Pyrene	19.418	202	17152	0.309	ng/ul	99
21) Benzo(a)anthracene	21.171	228	17362	0.341	ng/ul	99
22) Chrysene	21.224	228	21436	0.388	ng/ul	100
24) Benzo(b)fluoranthene	22.740	252	23967	0.346	ng/ul	95
25) Benzo(k)fluoranthene	22.784	252	28484	0.361	ng/ul	96
26) Benzo(a)pyrene	23.310	252	24443	0.372	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.667	276	34526	0.413	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.687	278	26831	0.416	ng/ul	97
29) Benzo(g,h,i)perylene	26.351	276	31644	0.445	ng/ul	99

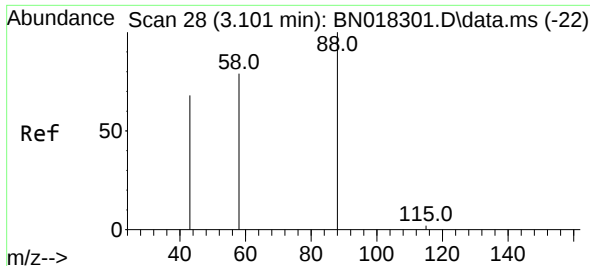
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 00:34:45 2021
Response via : Initial Calibration

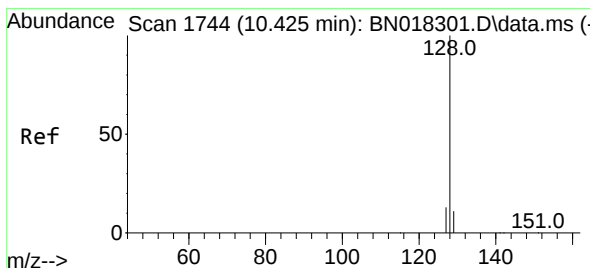
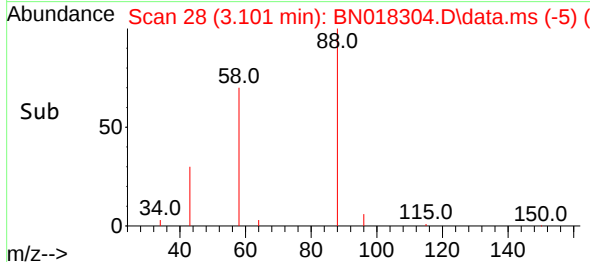
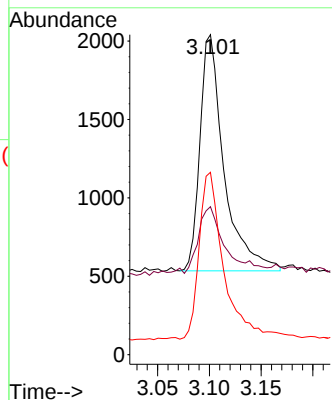
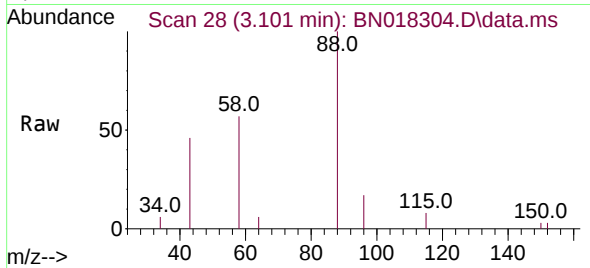




#2
 1,4-Dioxane
 Concen: 1.718 ng/ul
 RT: 3.101 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN018304.D
 Acq: 03 Jan 2022 13:04

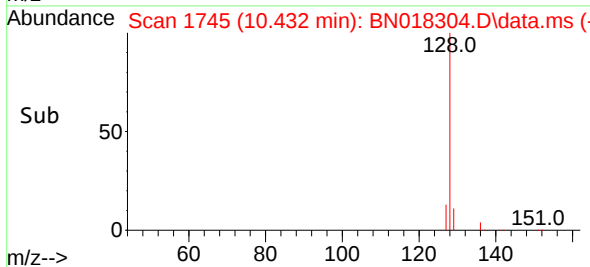
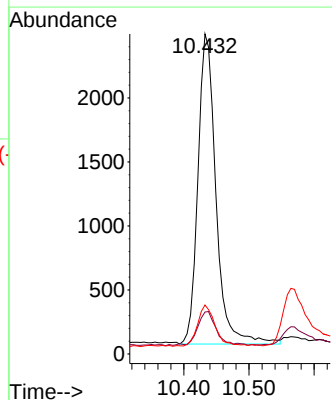
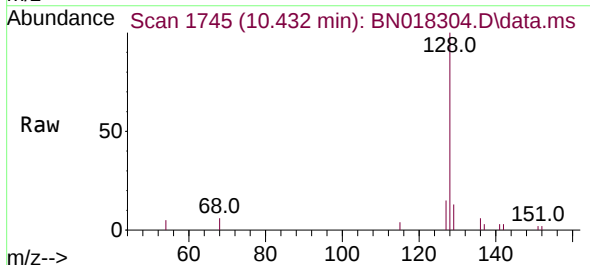
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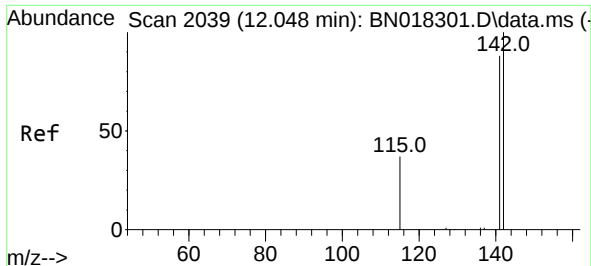
Tgt Ion: 88 Resp: 2441
 Ion Ratio Lower Upper
 88 100
 43 46.3 47.8 71.8#
 58 57.0 46.2 69.2



#5
 Naphthalene
 Concen: 0.325 ng/ul
 RT: 10.432 min Scan# 1745
 Delta R.T. -0.004 min
 Lab File: BN018304.D
 Acq: 03 Jan 2022 13:04

Tgt Ion: 128 Resp: 4668
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.4 14.0
 127 15.3 11.0 16.6

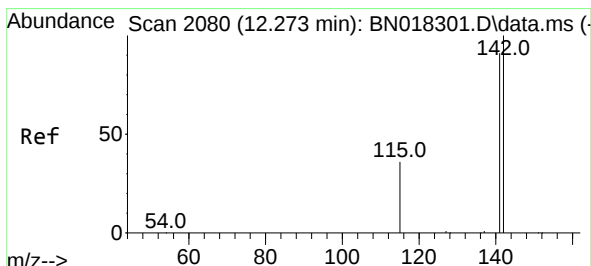
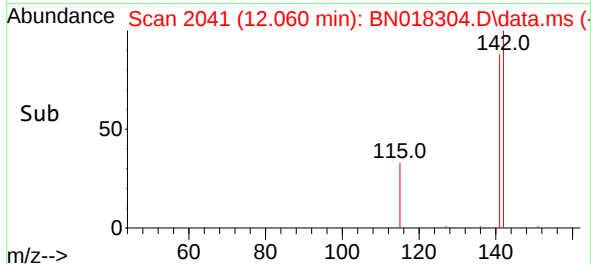
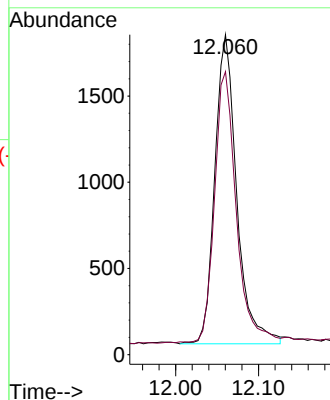
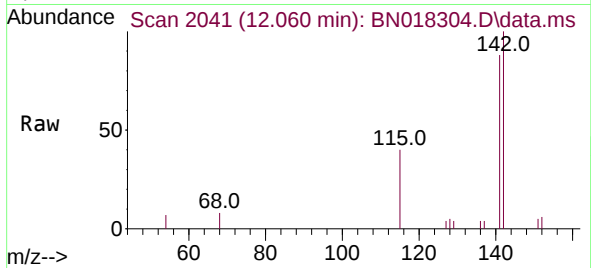




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.060 min Scan# 2041
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

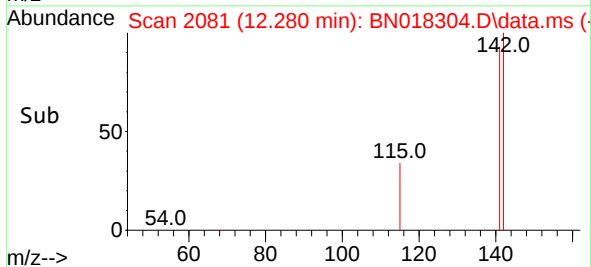
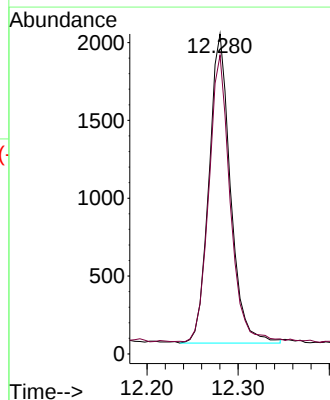
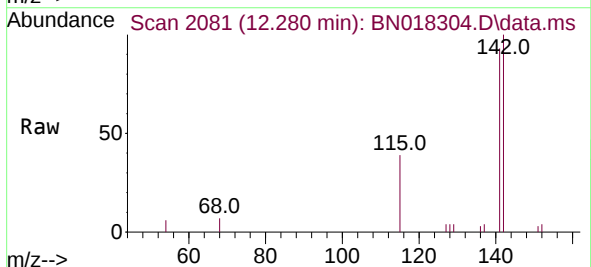
Instrument :
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ClientSampleId :
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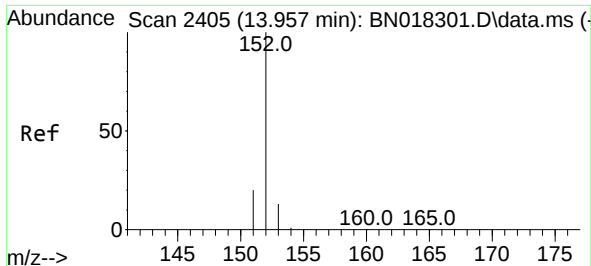
Tgt Ion:142 Resp: 3303
Ion Ratio Lower Upper
142 100
141 87.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.280 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:142 Resp: 3257
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8

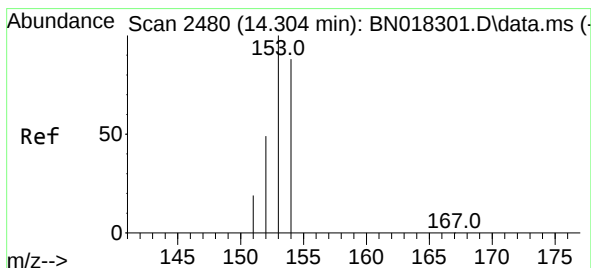
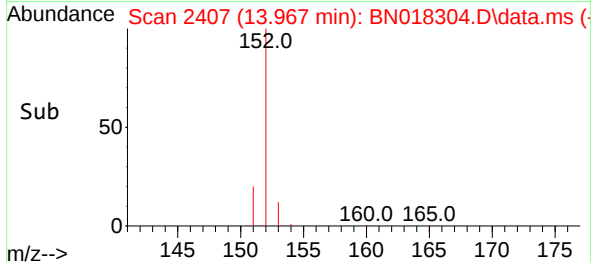
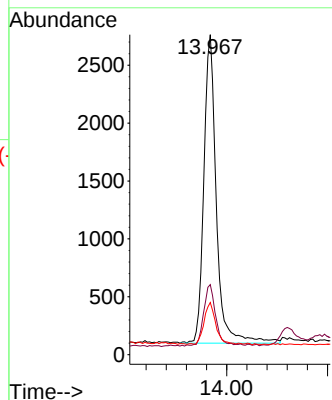
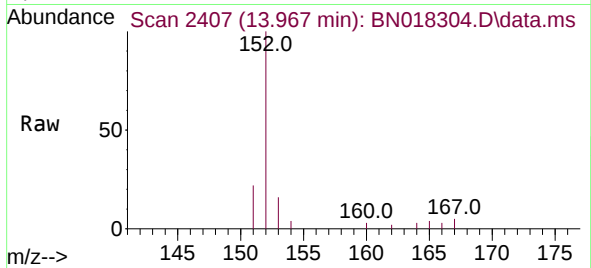




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 13.967 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

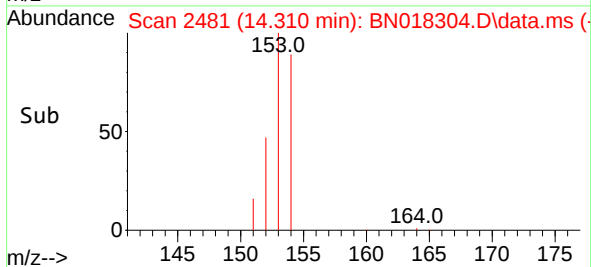
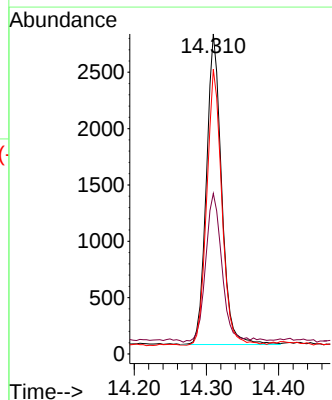
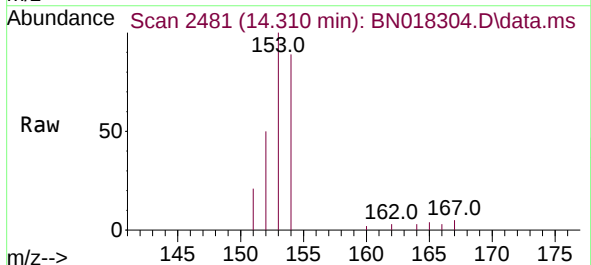
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ClientSampleId :
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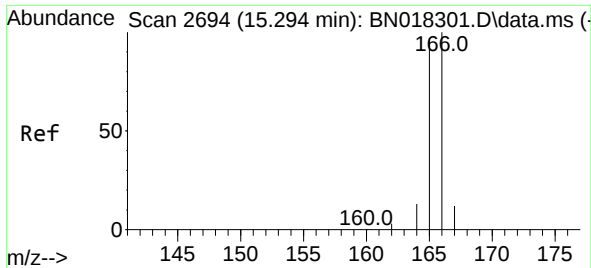
Tgt Ion:152 Resp: 4601
Ion Ratio Lower Upper
152 100
151 21.9 15.8 23.8
153 16.3 10.7 16.1#



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.310 min Scan# 2481
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:153 Resp: 4024
Ion Ratio Lower Upper
153 100
152 50.2 39.7 59.5
154 88.9 70.9 106.3

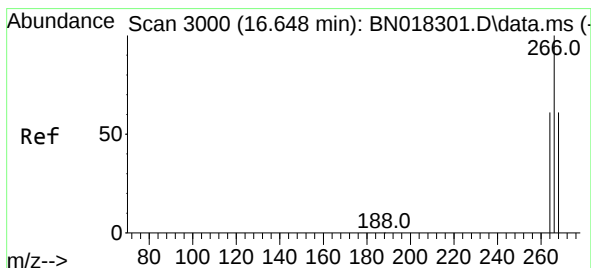
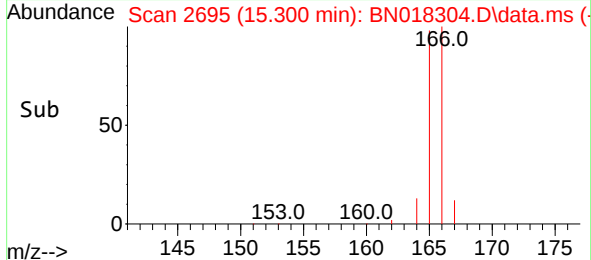
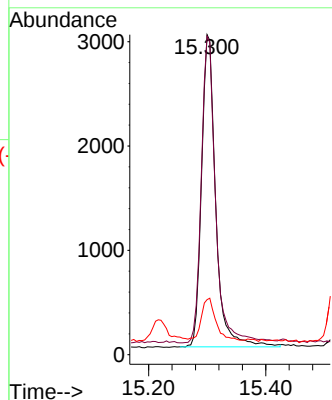
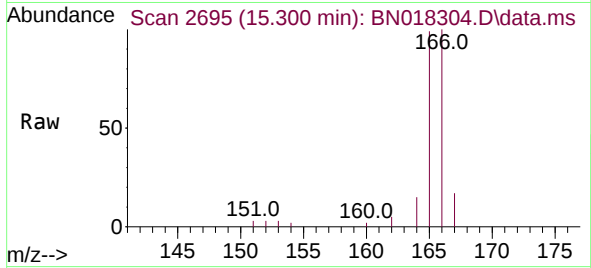




#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.300 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

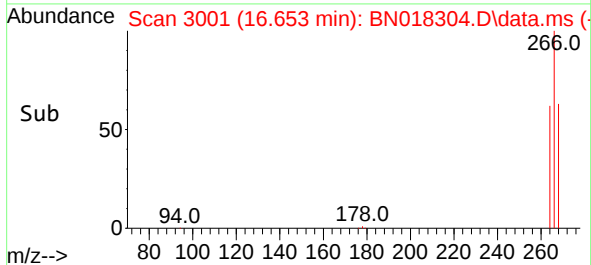
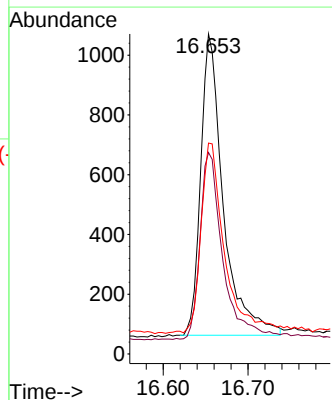
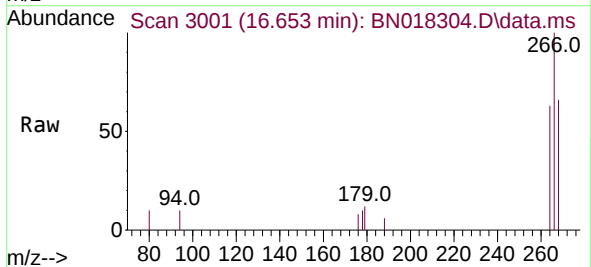
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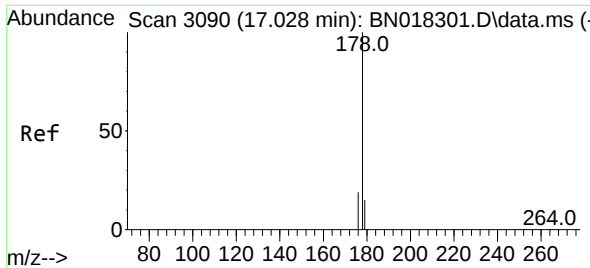
Tgt Ion:166 Resp: 5033
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.6
167 17.2 11.6 17.4



#14
Pentachlorophenol
Concen: 0.554 ng/ul
RT: 16.653 min Scan# 3001
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:266 Resp: 1863
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 65.9 51.7 77.5

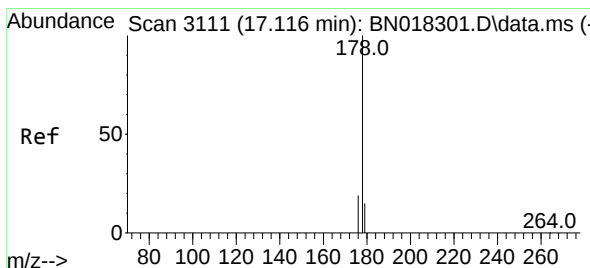
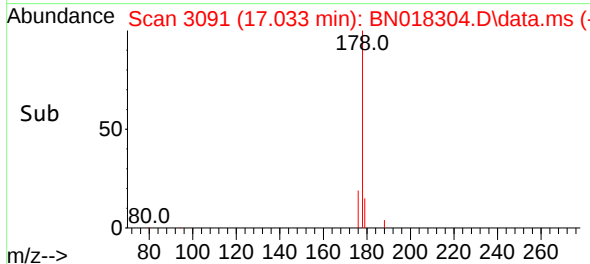
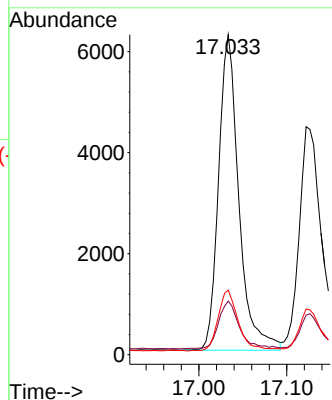
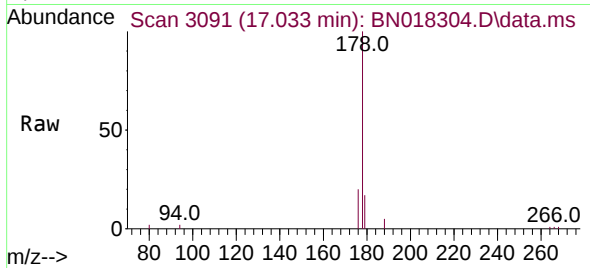




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.033 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

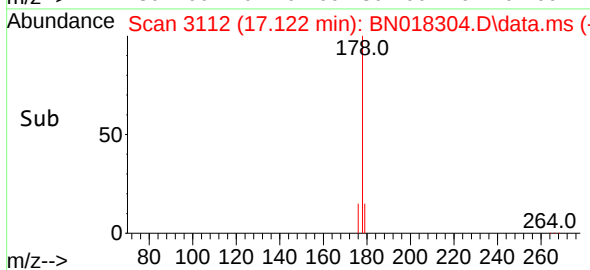
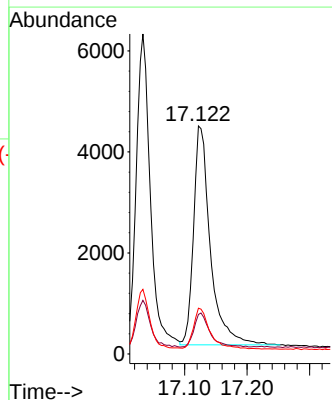
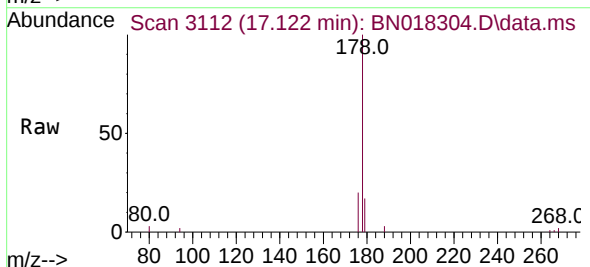
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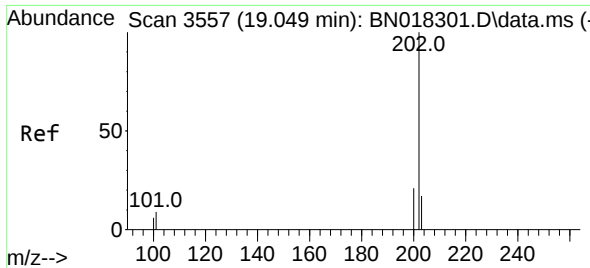
Tgt Ion:	178	Resp:	9986
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.2	18.4
176	20.2	15.4	23.2



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.122 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:	178	Resp:	8093
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.3	18.5
176	20.0	15.5	23.3

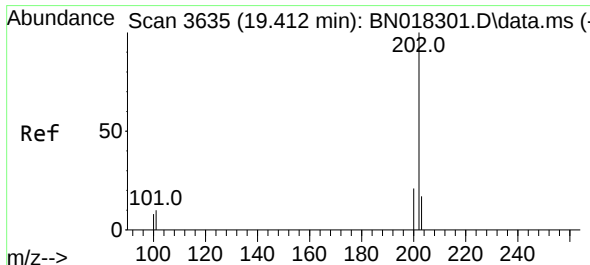
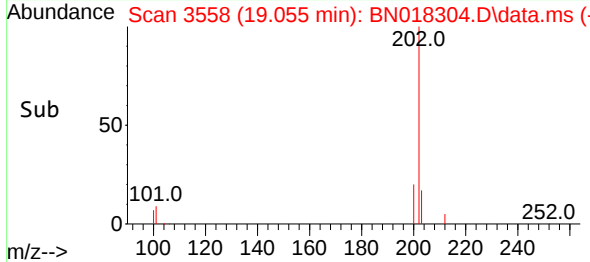
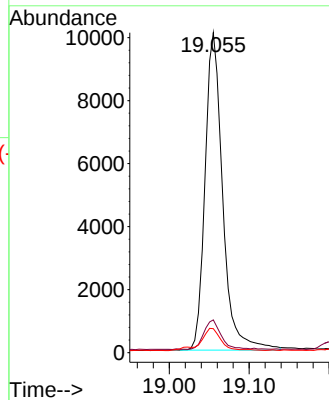
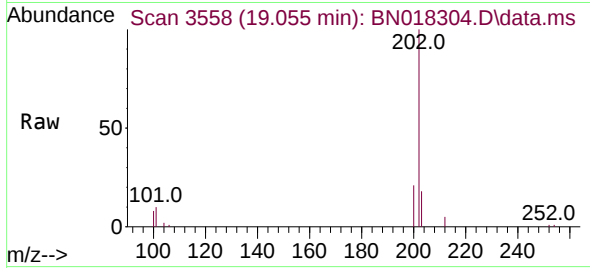




#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.055 min Scan# 3558
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

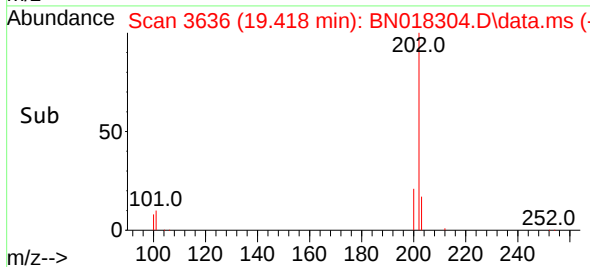
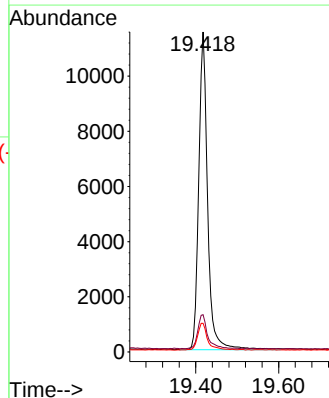
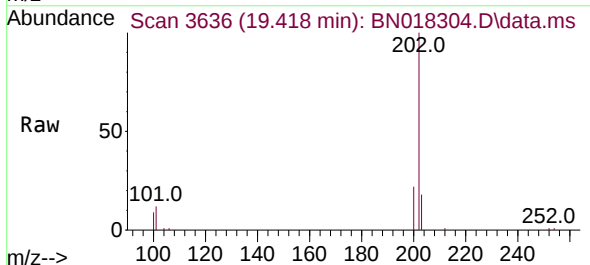
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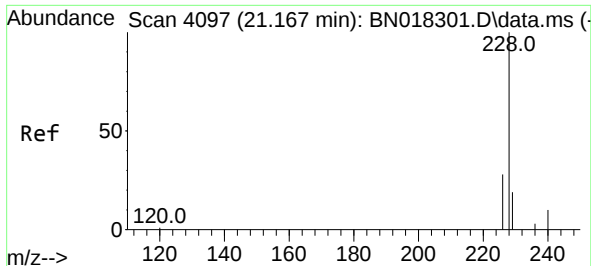
Tgt Ion:	202	Resp:	15461
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.5	11.3
100	7.5	5.4	8.2



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.418 min Scan# 3636
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:	202	Resp:	17152
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.0	13.4
100	8.9	7.0	10.4

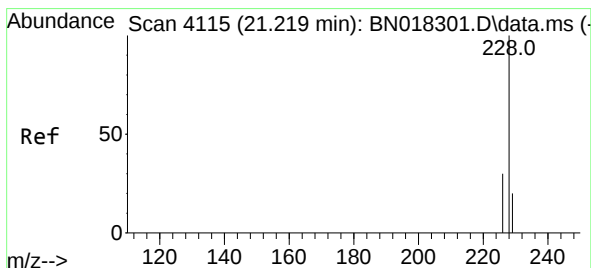
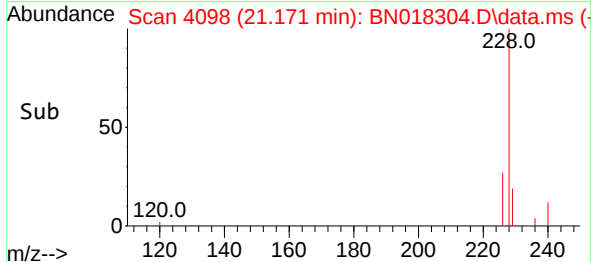
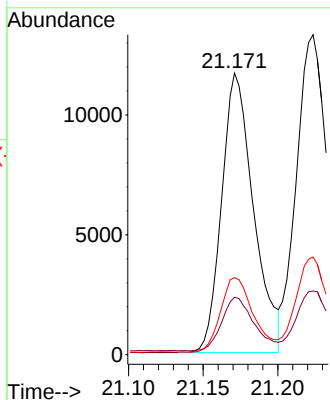
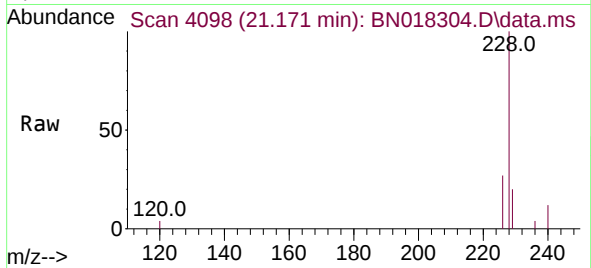




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.171 min Scan# 4097
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

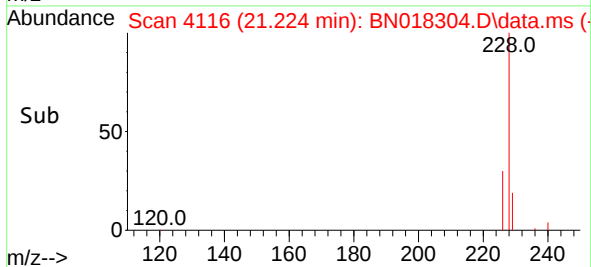
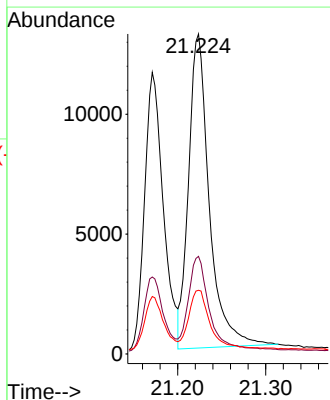
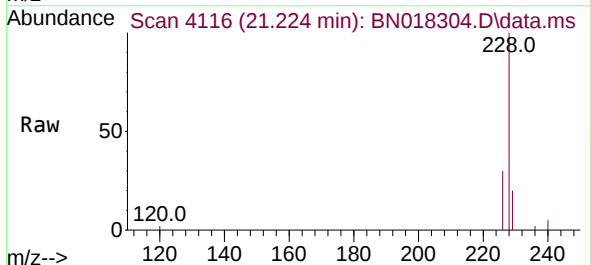
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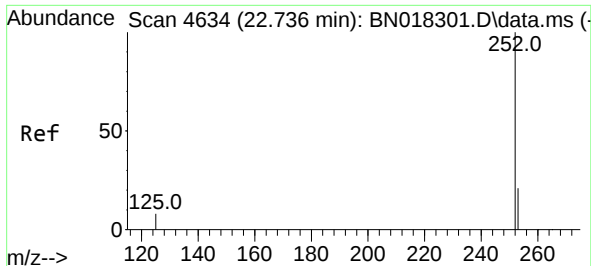
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Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.224 min Scan# 4116
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:228 Resp: 21436
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 19.9 15.7 23.5

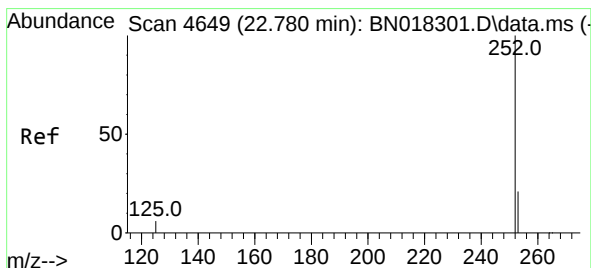
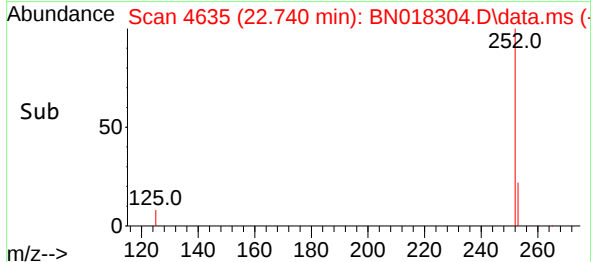
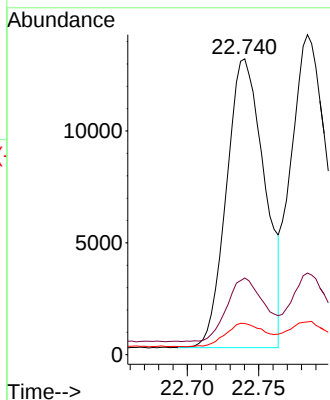
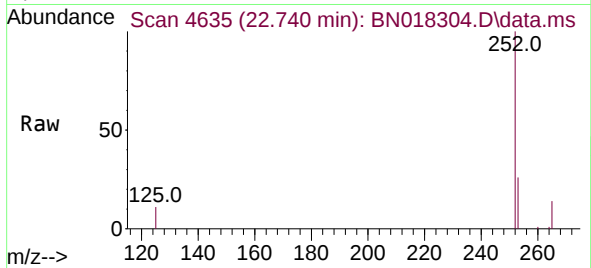




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.740 min Scan# 4634
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

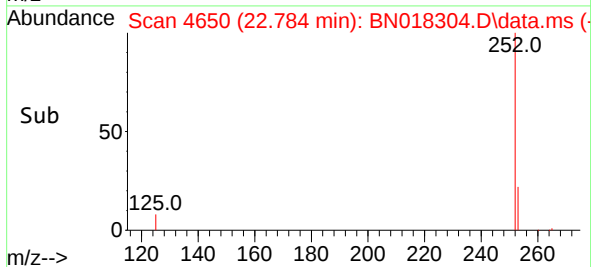
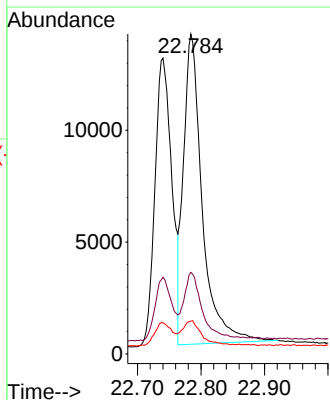
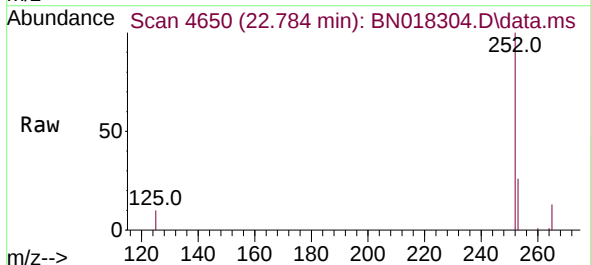
Instrument :
BNA_N
ClientSampleId :
SLCS604

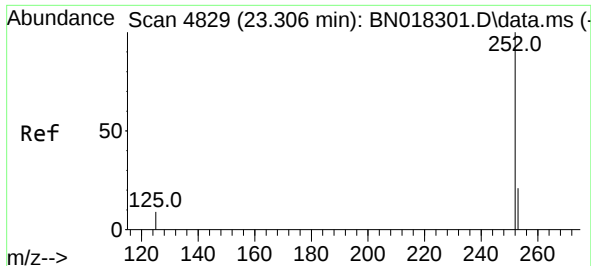
Tgt Ion:252 Resp: 23967
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.4
125 10.6 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.784 min Scan# 4650
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:252 Resp: 28484
Ion Ratio Lower Upper
252 100
253 25.5 18.6 28.0
125 10.2 7.3 10.9

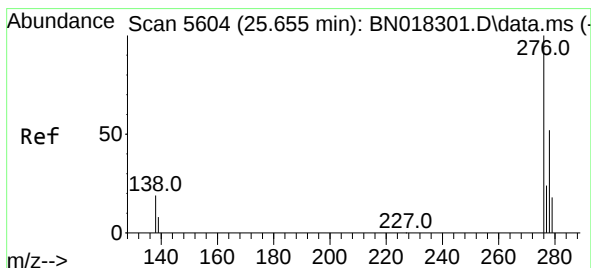
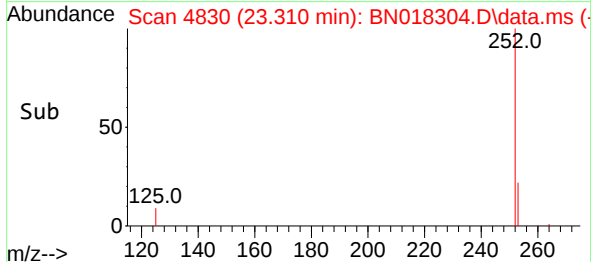
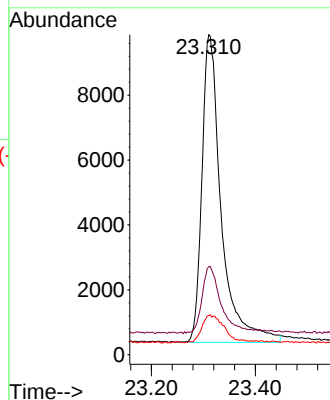
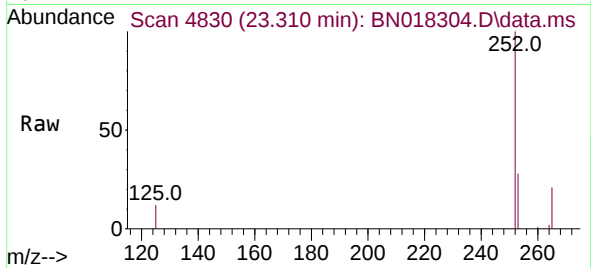




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.310 min Scan# 4829
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

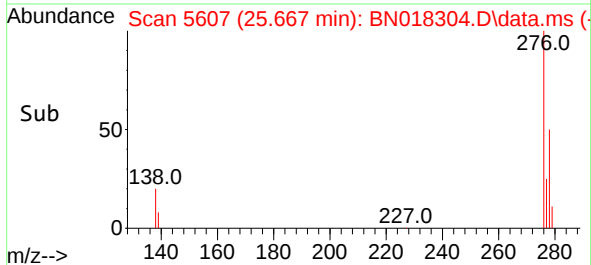
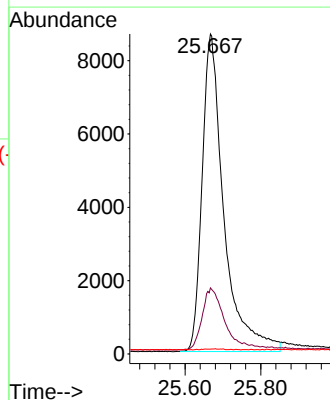
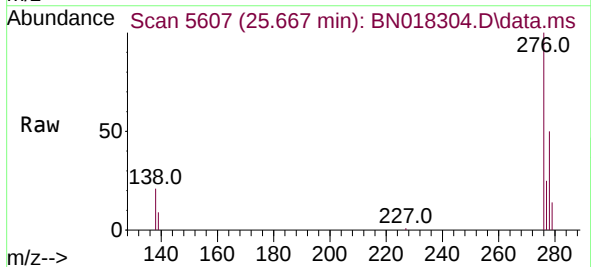
Instrument :
BNA_N
ClientSampleId :
SLCS604

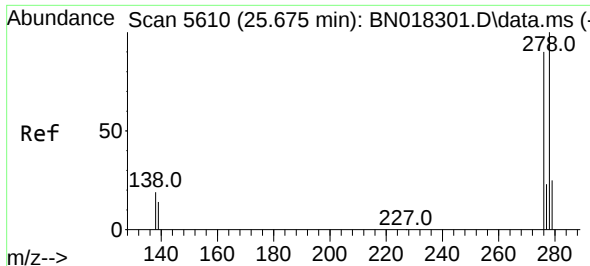
Tgt Ion:252 Resp: 24443
Ion Ratio Lower Upper
252 100
253 27.5 18.9 28.3
125 12.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.667 min Scan# 5607
Delta R.T. 0.001 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:276 Resp: 34526
Ion Ratio Lower Upper
276 100
138 20.9 16.5 24.7
227 0.2 0.1 0.1#

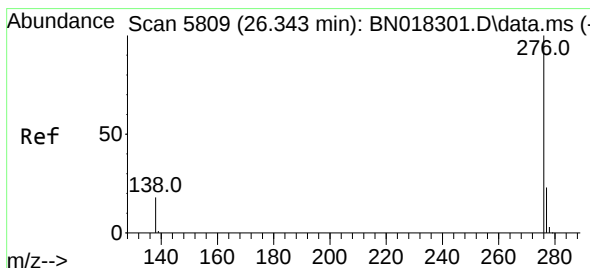
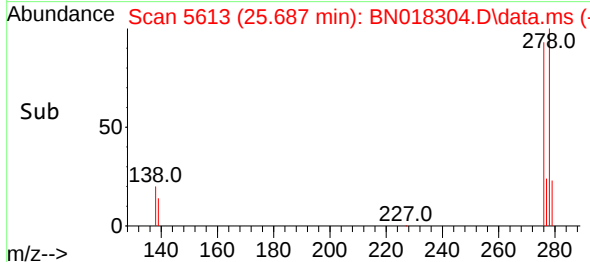
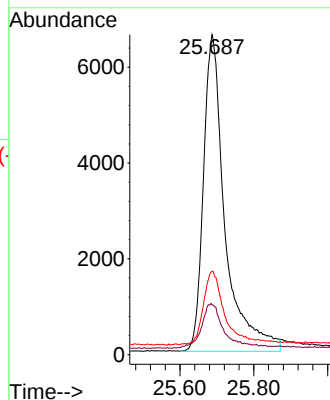
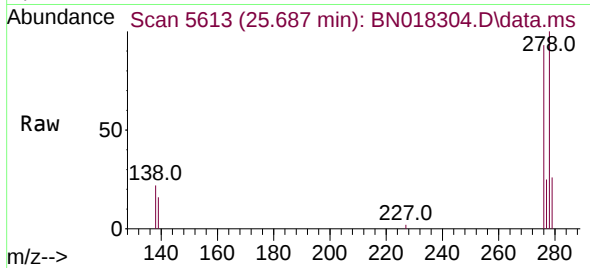




#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.687 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Instrument :
BNA_N
ClientSampleId :
SLCS604

Tgt Ion:278 Resp: 26831
Ion Ratio Lower Upper
278 100
139 15.5 11.9 17.9
279 26.1 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 26.351 min Scan# 5811
Delta R.T. -0.002 min
Lab File: BN018304.D
Acq: 03 Jan 2022 13:04

Tgt Ion:276 Resp: 31644
Ion Ratio Lower Upper
276 100
138 19.2 14.4 21.6
277 24.1 19.2 28.8

