

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122221\
 Data File : BN018166.D
 Acq On : 23 Dec 2021 00:23
 Operator : CG/JU
 Sample : PB141491BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS491

Quant Time: Dec 23 02:11:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 14:08:04 2021
 Response via : Initial Calibration

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

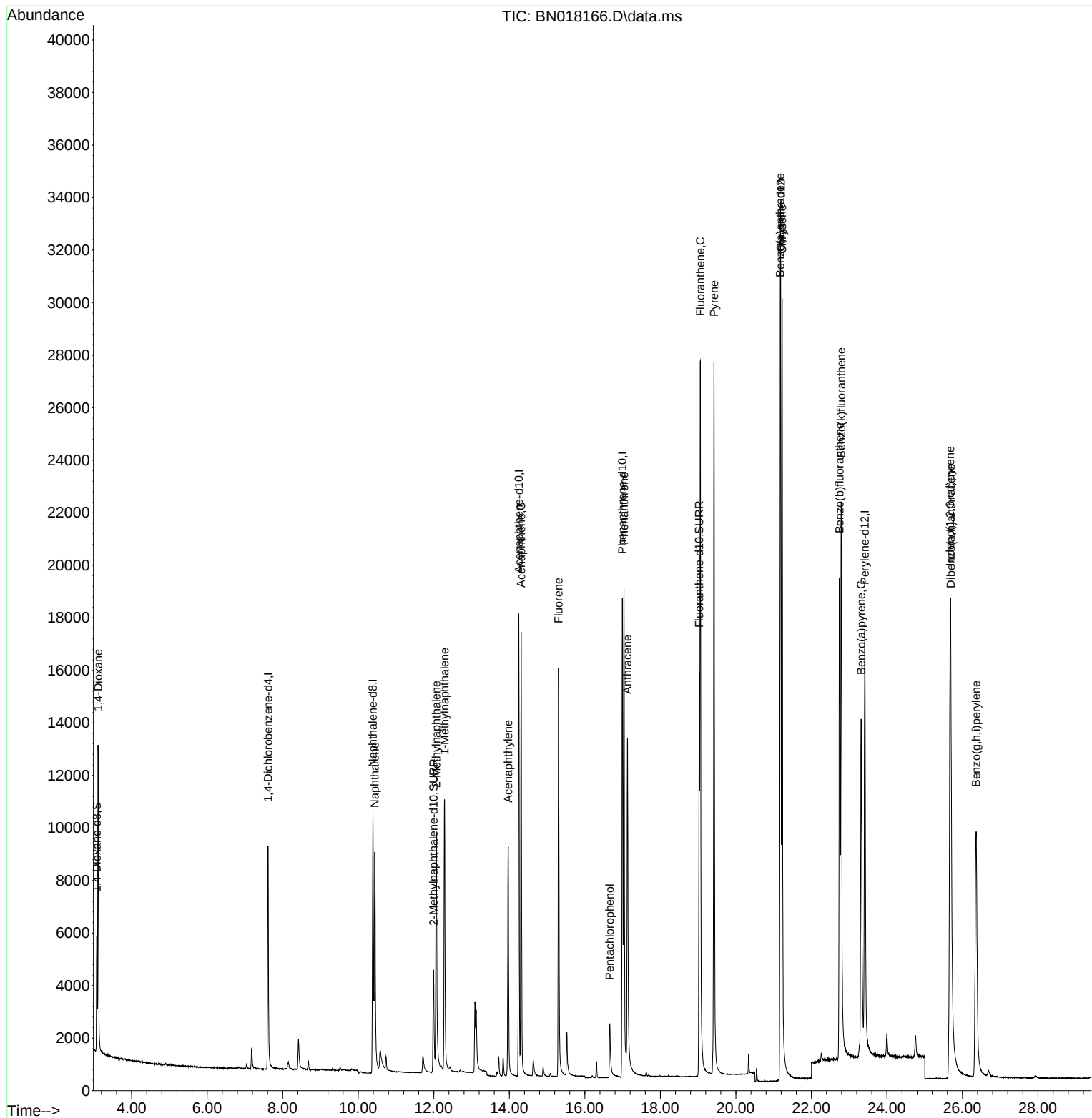
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4925	0.400	ng/ul	0.00
4) Naphthalene-d8	10.388	136	15797	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	10360	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	23812	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	24033	0.400	ng/ul	0.00
23) Perylene-d12	23.413	264	22931	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	2755	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.994	152	6493	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	19727	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.114	88	7780	1.264	ng/ul	92
5) Naphthalene	10.438	128	12669	0.282	ng/ul	99
7) 2-Methylnaphthalene	12.066	142	8213	0.284	ng/ul	100
8) 1-Methylnaphthalene	12.286	142	8434	0.281	ng/ul	99
10) Acenaphthylene	13.972	152	11541	0.282	ng/ul	99
11) Acenaphthene	14.314	153	10024	0.278	ng/ul	99
12) Fluorene	15.304	166	11510	0.275	ng/ul	99
14) Pentachlorophenol	16.662	266	2047	0.457	ng/ul	98
15) Phenanthrene	17.038	178	21367	0.275	ng/ul	100
16) Anthracene	17.130	178	17313	0.275	ng/ul	99
19) Fluoranthene	19.060	202	26776	0.290	ng/ul	99
20) Pyrene	19.422	202	27665	0.286	ng/ul	99
21) Benzo(a)anthracene	21.174	228	22334	0.279	ng/ul	99
22) Chrysene	21.224	228	28996	0.296	ng/ul	100
24) Benzo(b)fluoranthene	22.743	252	25641	0.292	ng/ul	99
25) Benzo(k)fluoranthene	22.790	252	31800	0.291	ng/ul	99
26) Benzo(a)pyrene	23.316	252	23547	0.283	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.674	276	29609	0.270	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.691	278	22390	0.270	ng/ul	98
29) Benzo(g,h,i)perylene	26.361	276	24435	0.270	ng/ul	99

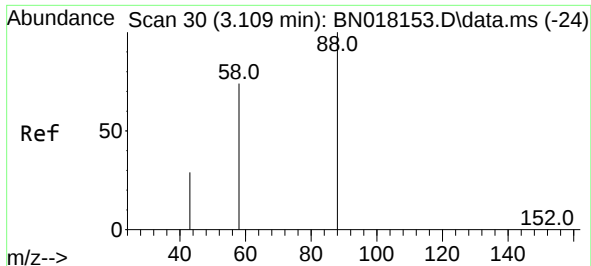
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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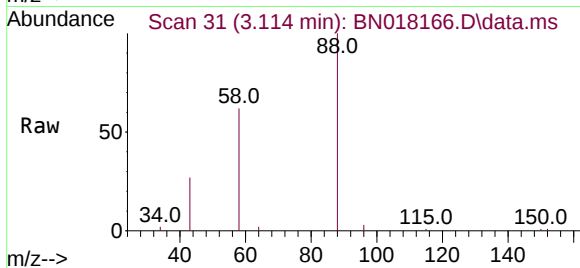
Quant Time: Dec 23 02:11:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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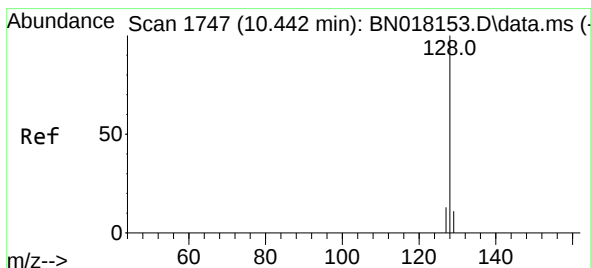
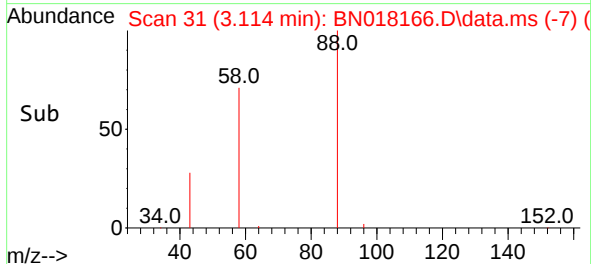
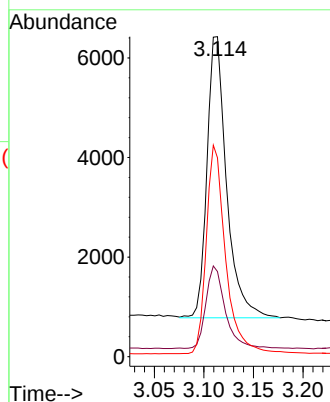


#2
1,4-Dioxane
Concen: 1.264 ng/ul
RT: 3.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Instrument :
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ClientSampleId :
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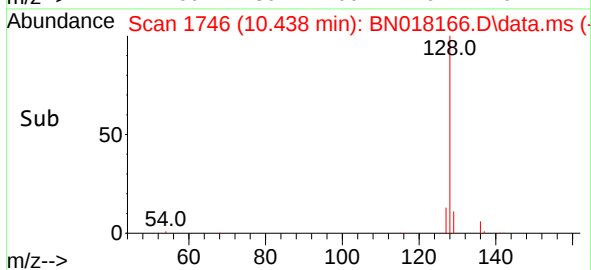
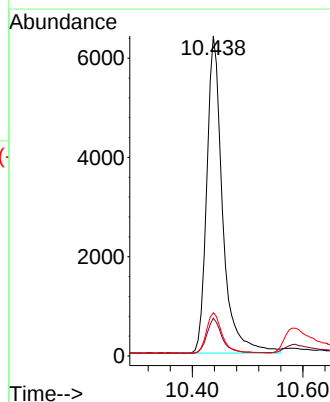
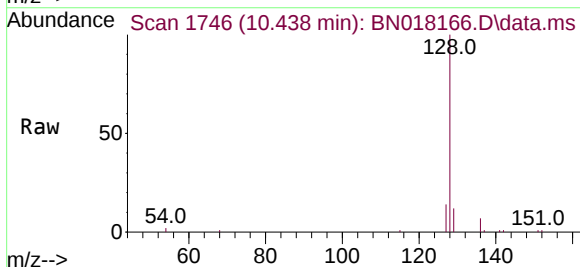


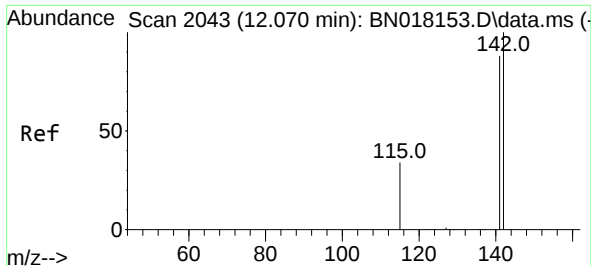
Tgt Ion: 88 Resp: 7780
Ion Ratio Lower Upper
88 100
43 26.6 24.6 36.8
58 62.2 45.2 67.8



#5
Naphthalene
Concen: 0.282 ng/ul
RT: 10.438 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:128 Resp: 12669
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 11.1 16.7

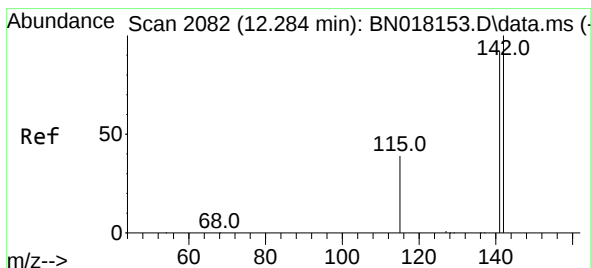
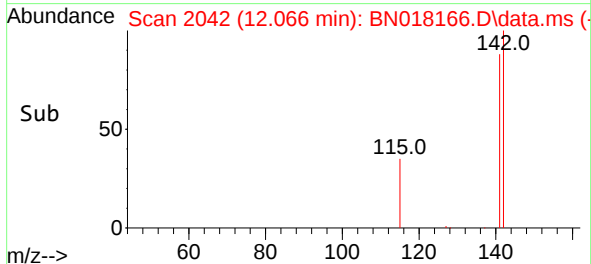
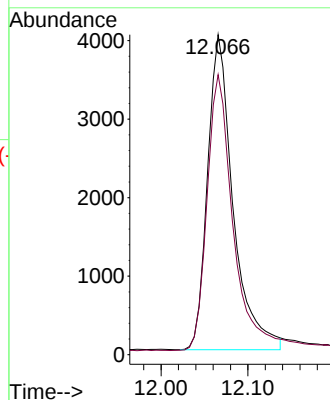
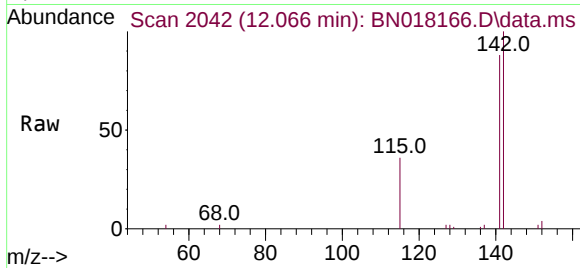




#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.066 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

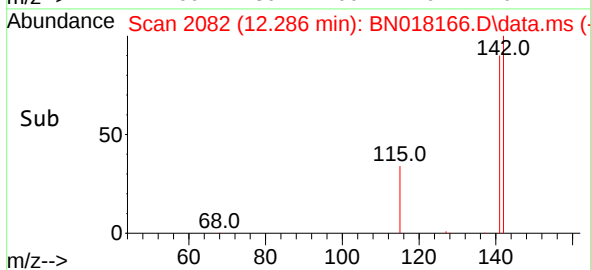
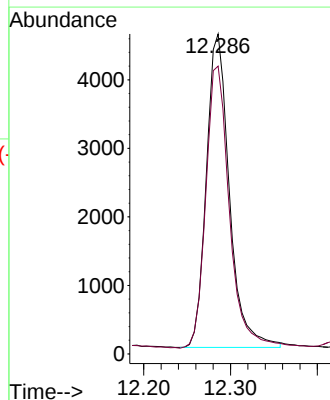
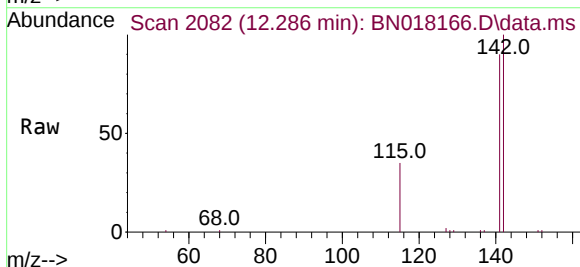
Instrument :
BNA_N
ClientSampleId :
SLCS491

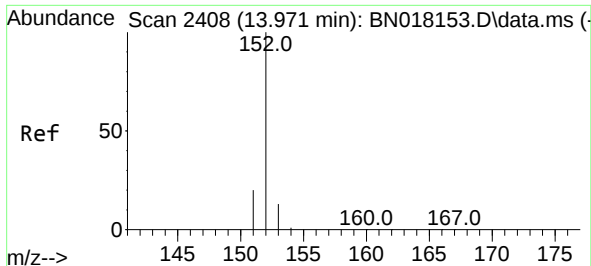
Tgt Ion:142 Resp: 8213
Ion Ratio Lower Upper
142 100
141 88.5 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.286 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:142 Resp: 8434
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

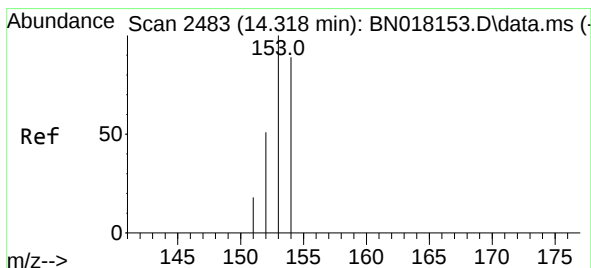
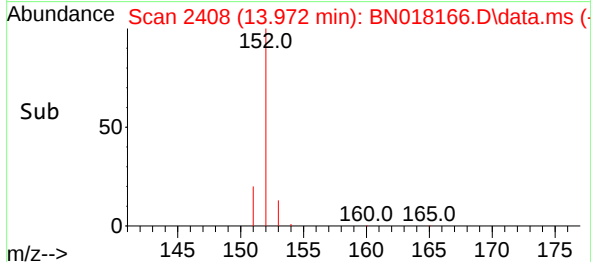
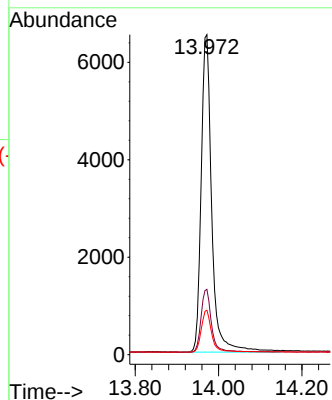
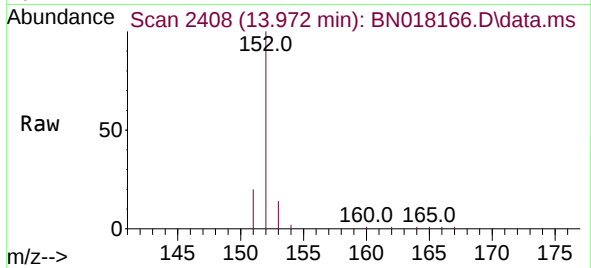




#10
Acenaphthylene
Concen: 0.282 ng/ul
RT: 13.972 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

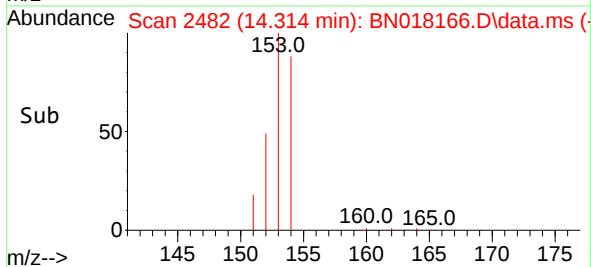
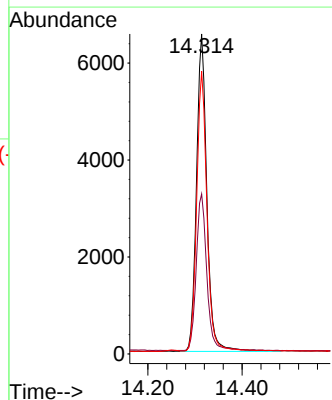
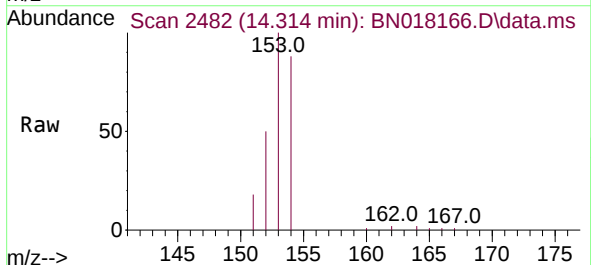
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ClientSampleId :
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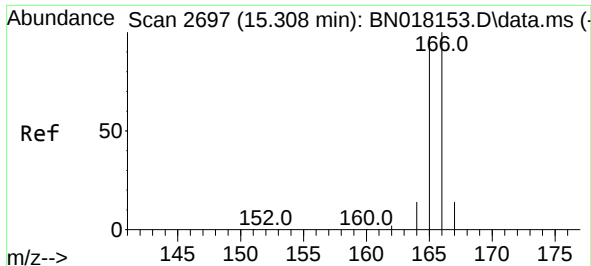
Tgt Ion:152 Resp: 11541
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.314 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:153 Resp: 10024
Ion Ratio Lower Upper
153 100
152 50.0 40.8 61.2
154 88.4 70.3 105.5

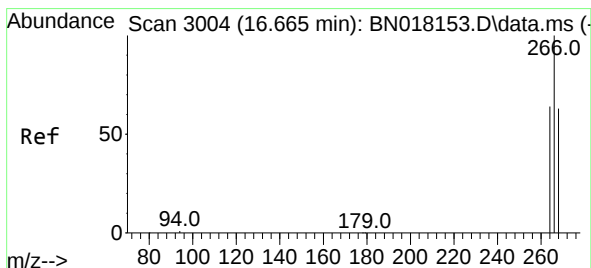
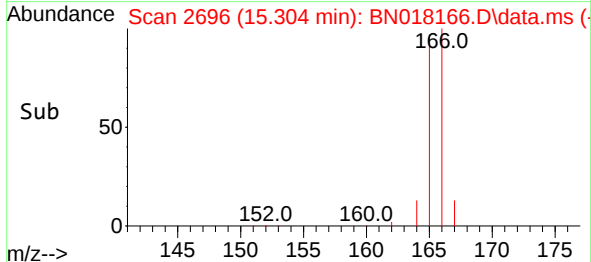
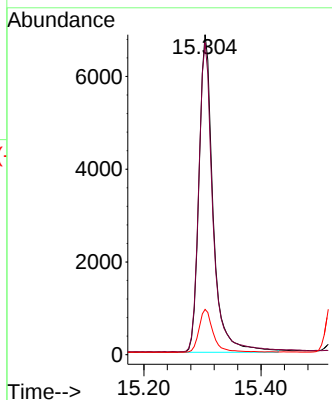
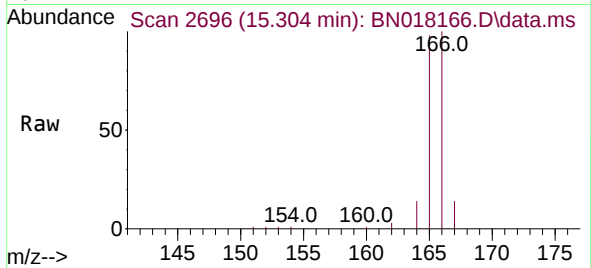




#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.304 min Scan# 2696
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

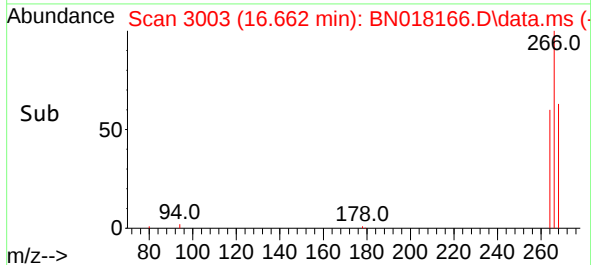
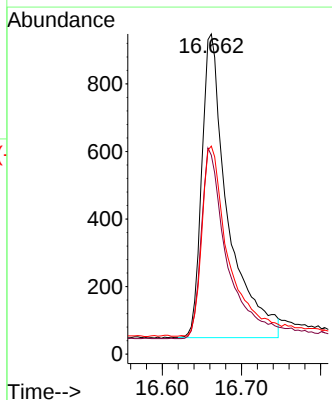
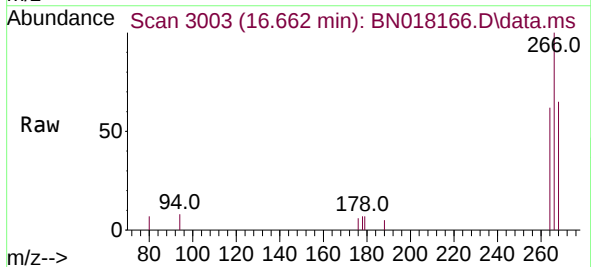
Instrument :
BNA_N
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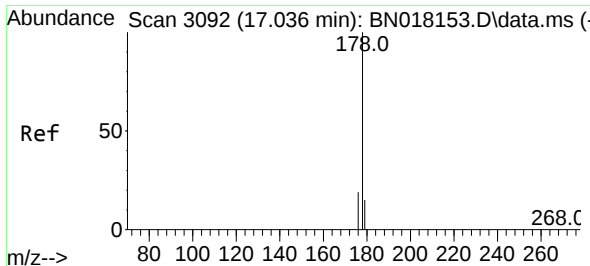
Tgt Ion:166 Resp: 11510
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 14.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.457 ng/ul
RT: 16.662 min Scan# 3003
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:266 Resp: 2047
Ion Ratio Lower Upper
266 100
264 62.5 51.9 77.9
268 64.6 51.8 77.6

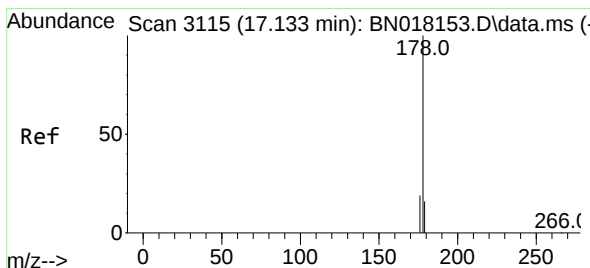
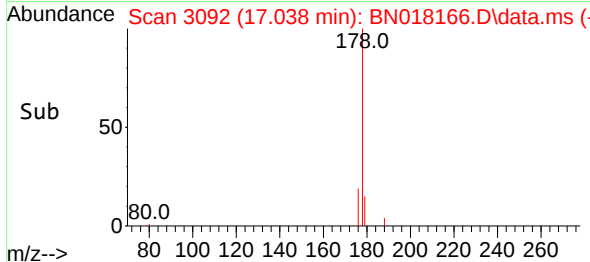
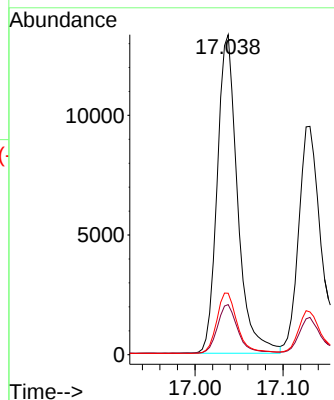
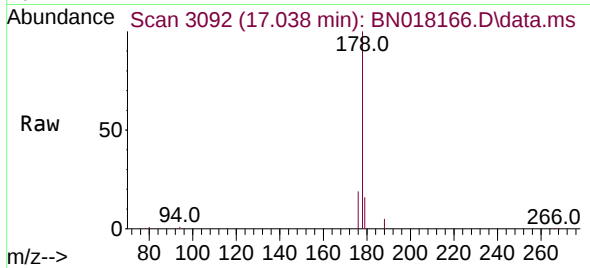




#15
Phenanthrene
Concen: 0.275 ng/ul
RT: 17.038 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

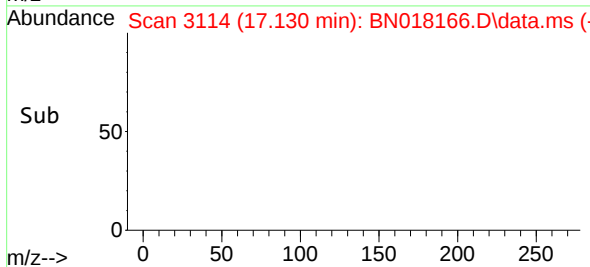
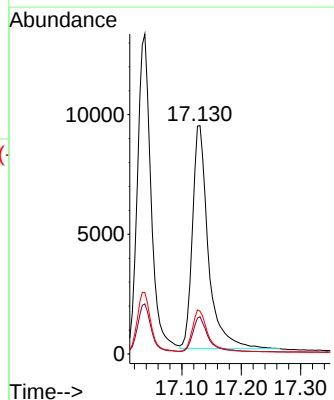
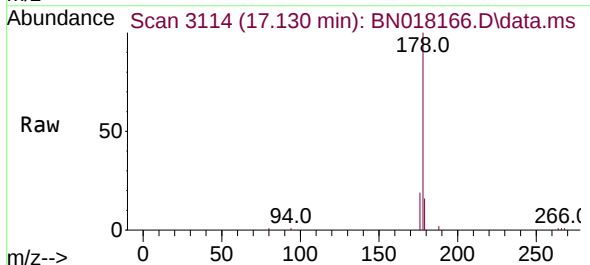
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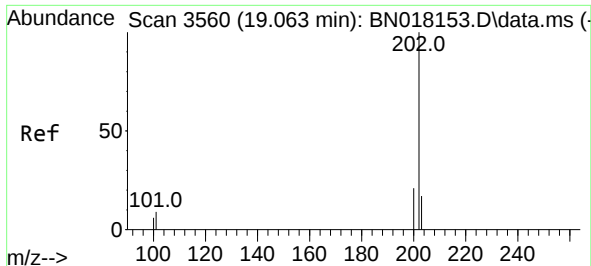
Tgt Ion:178	Resp:	21367
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.4 18.6
176	19.2	15.5 23.3



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.130 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:178	Resp:	17313
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.7 19.1
176	18.7	15.3 22.9

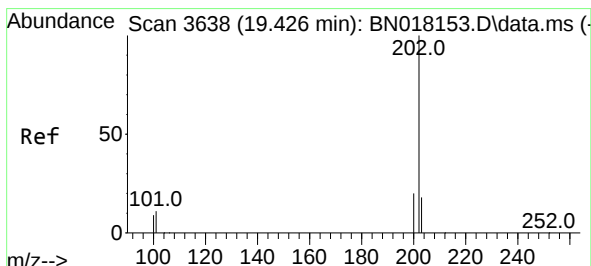
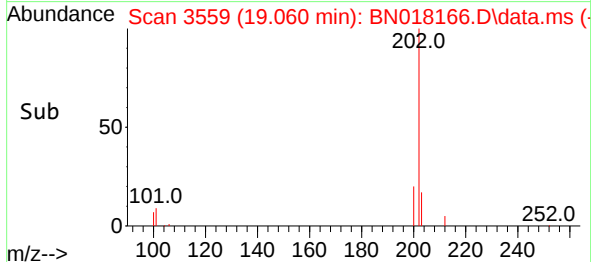
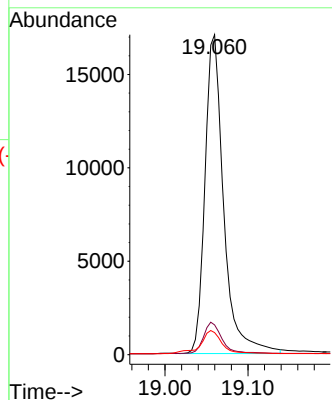
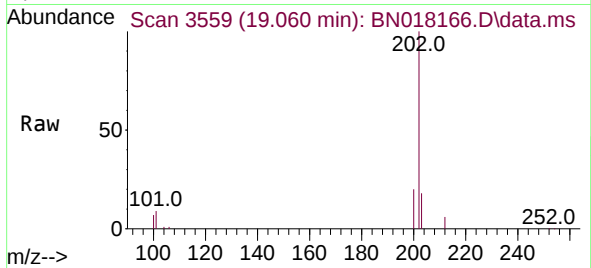




#19
Fluoranthene
Concen: 0.290 ng/ul
RT: 19.060 min Scan# 3560
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

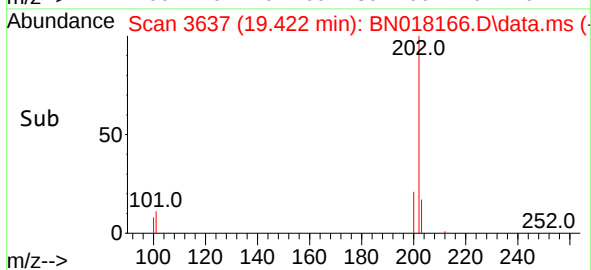
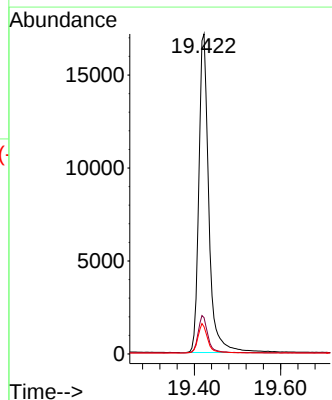
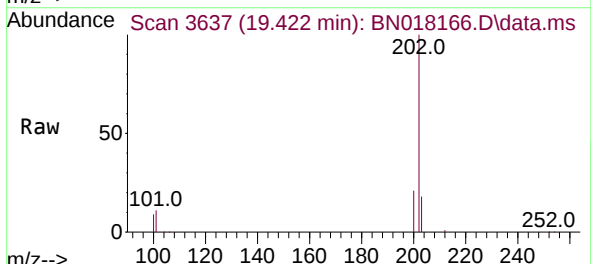
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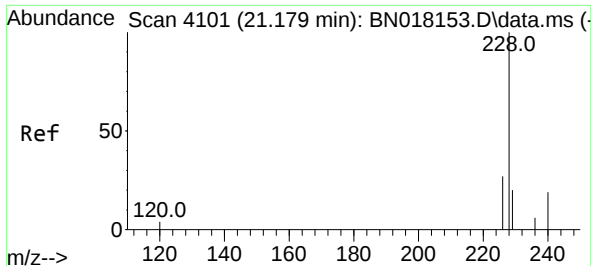
Tgt Ion:202 Resp: 26776
Ion Ratio Lower Upper
202 100
101 9.3 7.9 11.9
100 6.9 5.8 8.8



#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.422 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:202 Resp: 27665
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 8.5 7.0 10.4

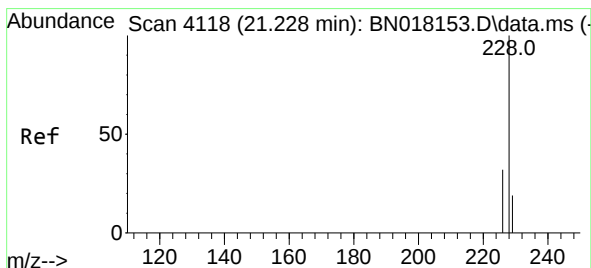
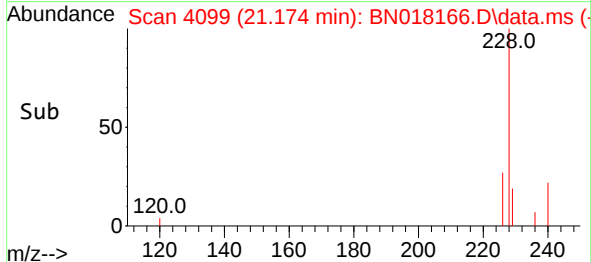
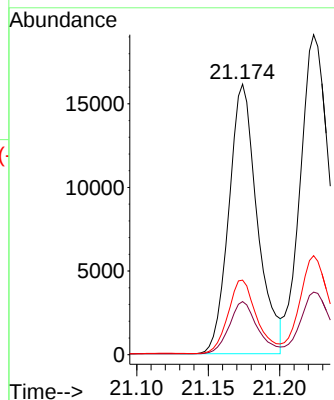
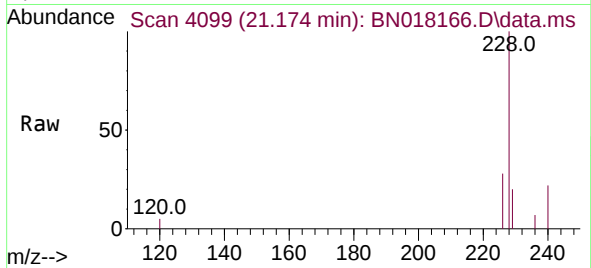




#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.174 min Scan# 4101
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

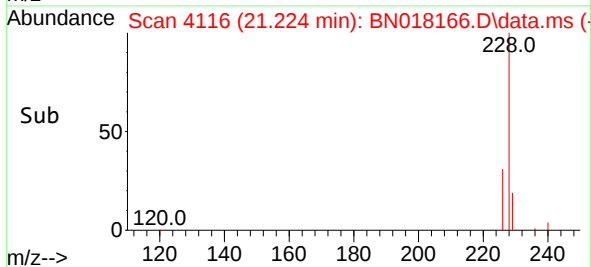
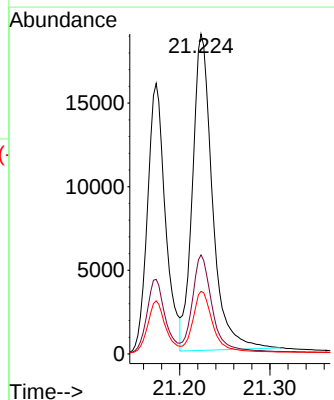
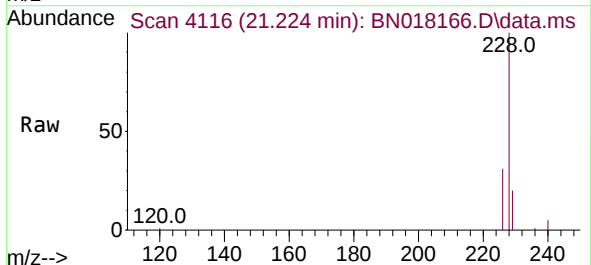
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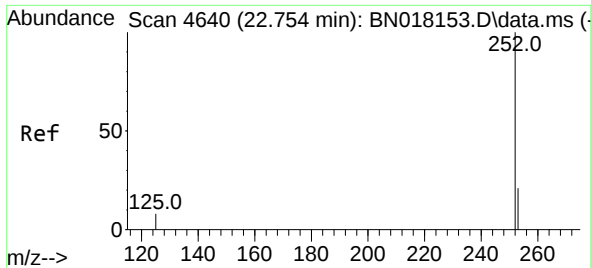
Tgt Ion:228 Resp: 22334
Ion Ratio Lower Upper
228 100
229 19.6 15.3 22.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.224 min Scan# 4116
Delta R.T. -0.003 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:228 Resp: 28996
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.5 15.7 23.5

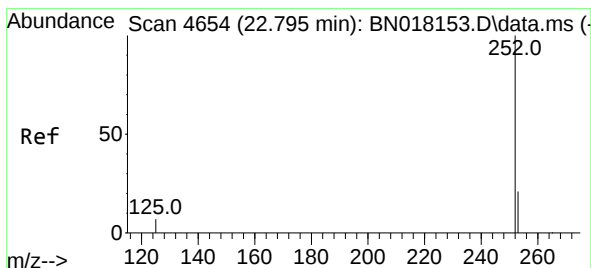
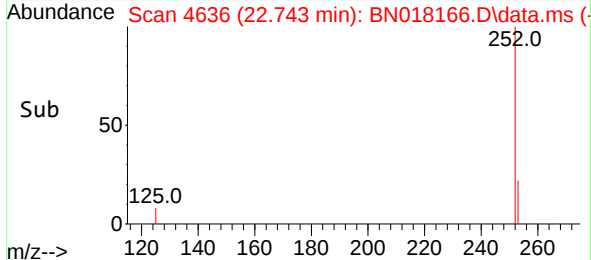
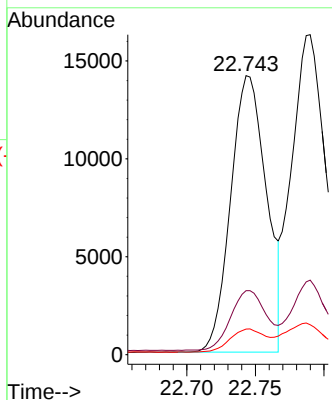
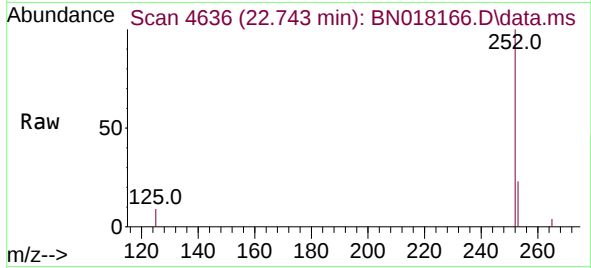




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 22.743 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

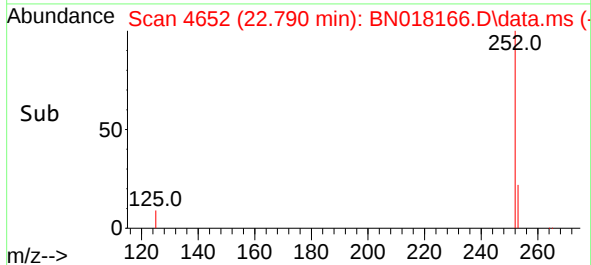
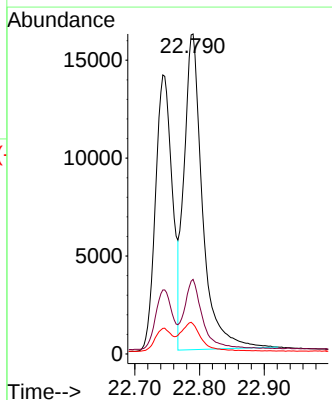
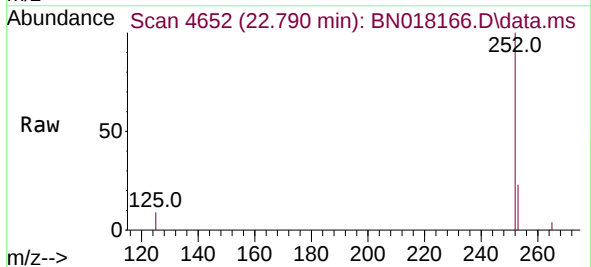
Instrument :
BNA_N
ClientSampleId :
SLCS491

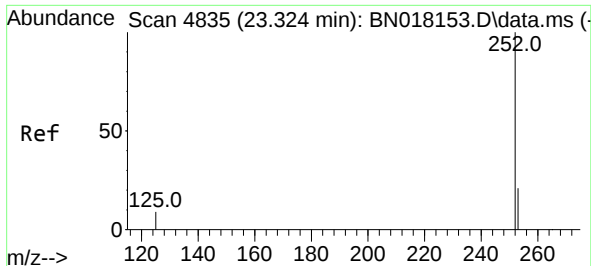
Tgt Ion:252 Resp: 25641
Ion Ratio Lower Upper
252 100
253 22.9 0.0 45.2
125 9.2 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul
RT: 22.790 min Scan# 4652
Delta R.T. -0.000 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:252 Resp: 31800
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 9.4 7.7 11.5

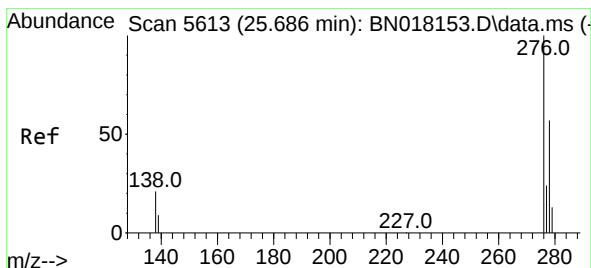
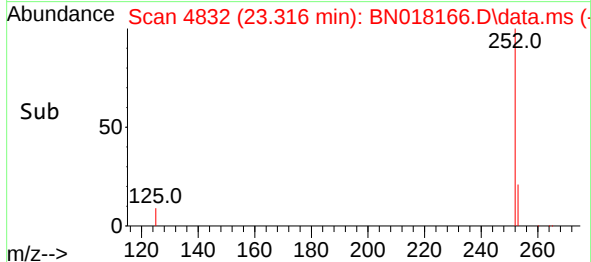
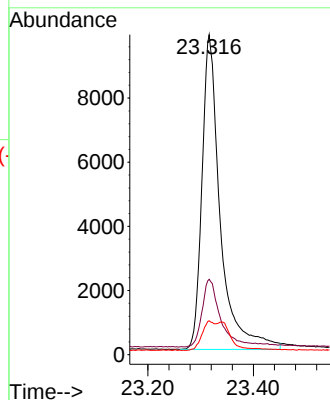
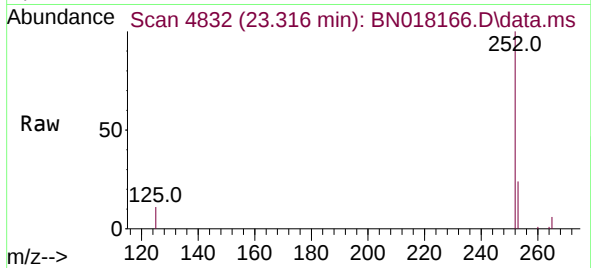




#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 23.316 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

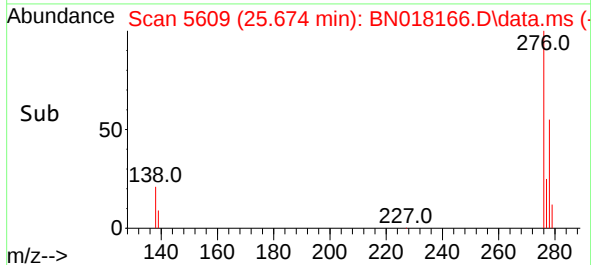
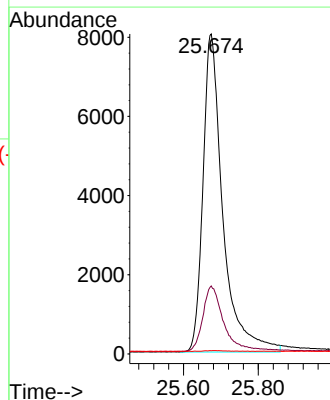
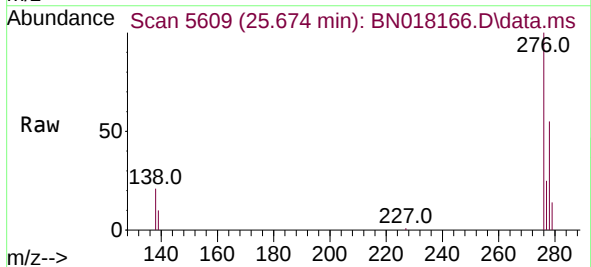
Instrument :
BNA_N
ClientSampleId :
SLCS491

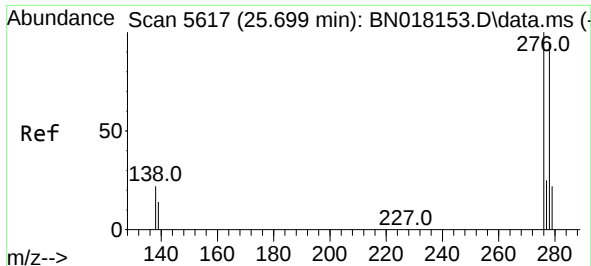
Tgt Ion:252 Resp: 23547
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 10.6 8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng/ul
RT: 25.674 min Scan# 5609
Delta R.T. -0.003 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

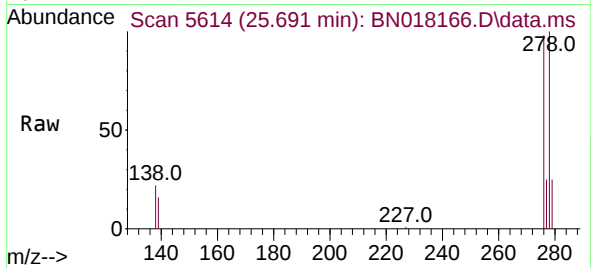
Tgt Ion:276 Resp: 29609
Ion Ratio Lower Upper
276 100
138 21.8 17.7 26.5
227 0.2 0.1 0.1#



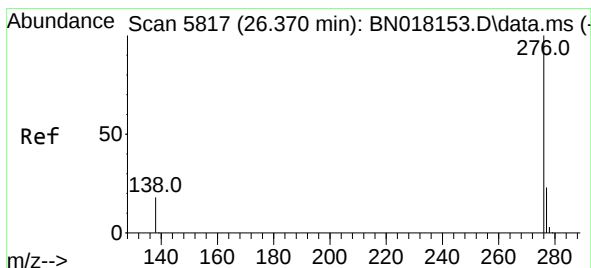
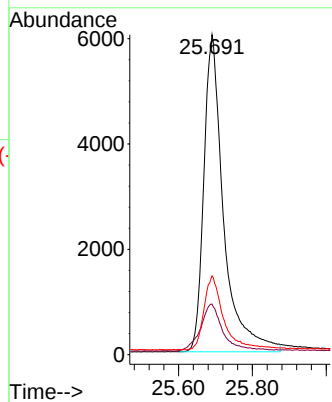
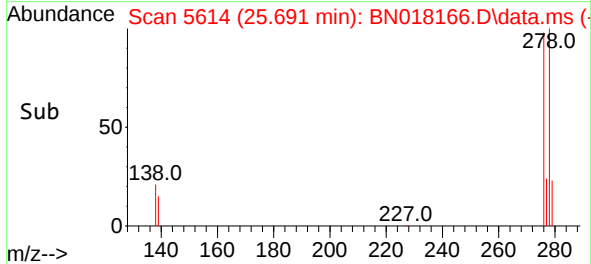


#28
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 25.691 min Scan# 5617
Delta R.T. -0.006 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Instrument :
BNA_N
ClientSampleId :
SLCS491



Tgt Ion:278 Resp: 22390
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 24.7 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 26.361 min Scan# 5814
Delta R.T. -0.006 min
Lab File: BN018166.D
Acq: 23 Dec 2021 00:23

Tgt Ion:276 Resp: 24435
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
277 23.9 19.7 29.5

