

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
 Data File : BN021328.D
 Acq On : 23 Aug 2022 14:38
 Operator : CG/JU
 Sample : PB147164BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 00:58:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 18:06:52 2022
 Response via : Initial Calibration

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

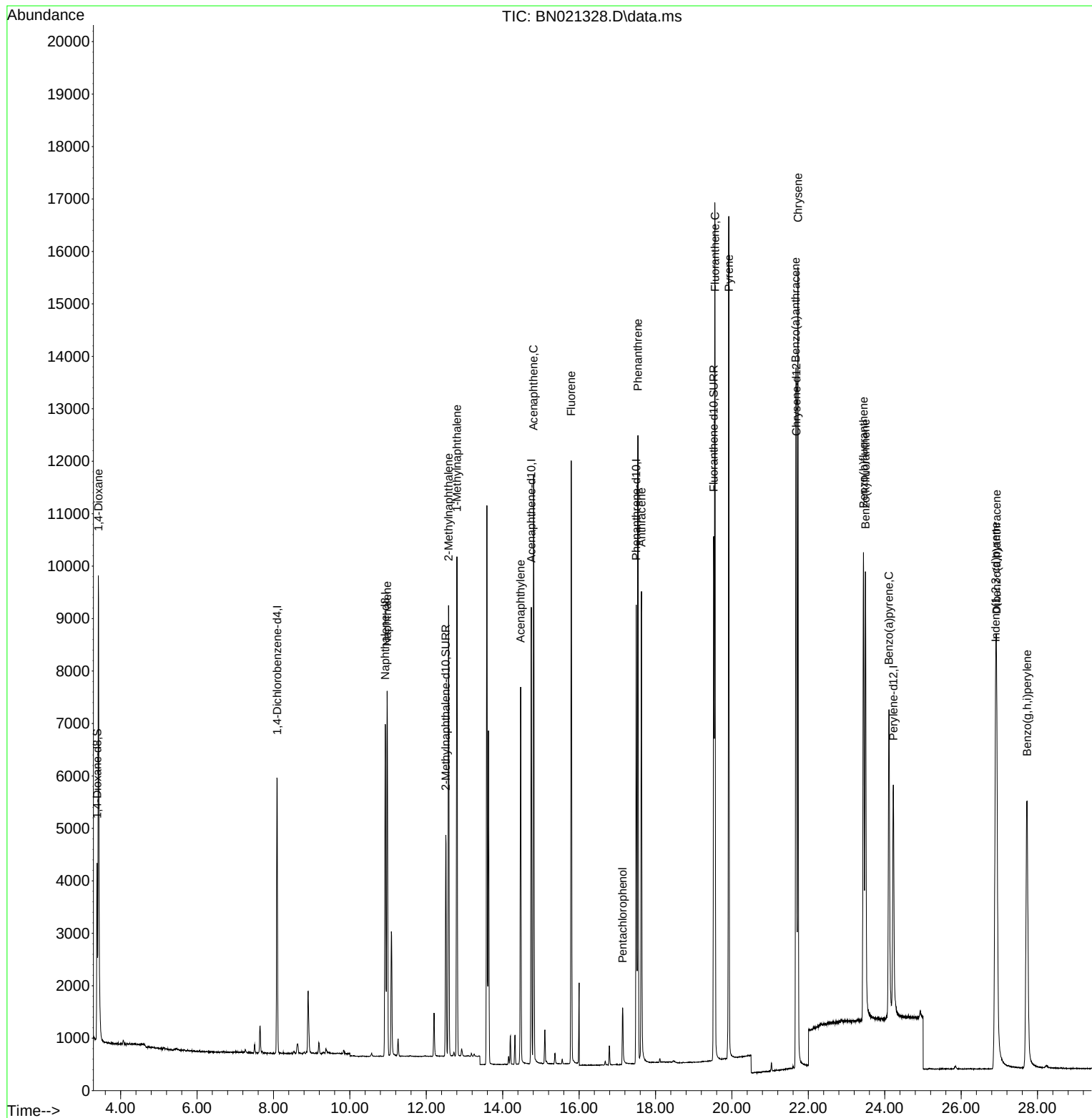
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2742	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8598	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.749	164	4668	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	9850	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	8216	0.400	ng/ul #	0.00
23) Perylene-d12	24.225	264	6831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2609	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5354	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	10631	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	6837	1.845	ng/ul#	87
5) Naphthalene	10.977	128	9560	0.351	ng/ul	98
7) 2-Methylnaphthalene	12.582	142	6120	0.359	ng/ul	98
8) 1-Methylnaphthalene	12.802	142	6372	0.399	ng/ul	99
10) Acenaphthylene	14.471	152	8203	0.340	ng/ul	98
11) Acenaphthene	14.809	153	6448	0.350	ng/ul	97
12) Fluorene	15.794	166	7184	0.349	ng/ul	99
14) Pentachlorophenol	17.139	266	846	0.778	ng/ul	99
15) Phenanthrene	17.540	178	12608	0.345	ng/ul	100
16) Anthracene	17.633	178	9994	0.342	ng/ul	99
19) Fluoranthene	19.557	202	13851	0.356	ng/ul	99
20) Pyrene	19.919	202	13562	0.348	ng/ul	98
21) Benzo(a)anthracene	21.673	228	10786	0.379	ng/ul	99
22) Chrysene	21.729	228	13595	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	12564	0.428	ng/ul	98
25) Benzo(k)fluoranthene	23.497	252	12638	0.400	ng/ul	96
26) Benzo(a)pyrene	24.111	252	10743	0.389	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.901	276	13211	0.407	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.928	278	11115	0.416	ng/ul	95
29) Benzo(g,h,i)perylene	27.726	276	12714	0.394	ng/ul	99

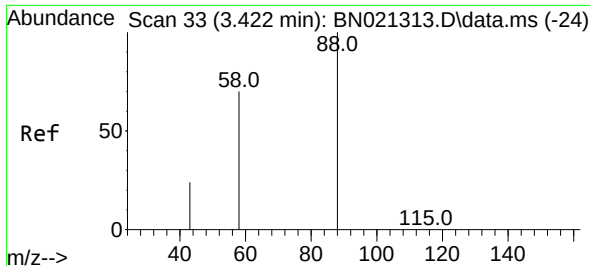
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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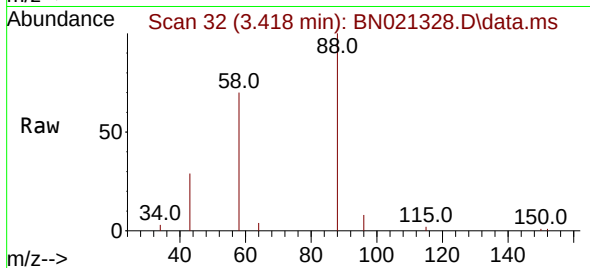
Quant Time: Aug 24 00:58:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
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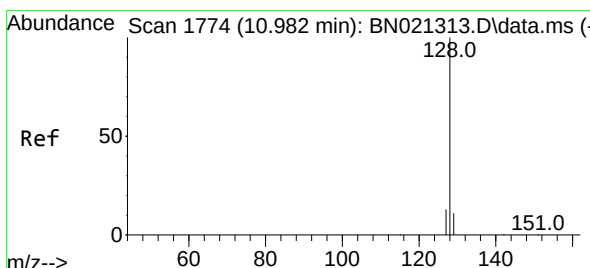
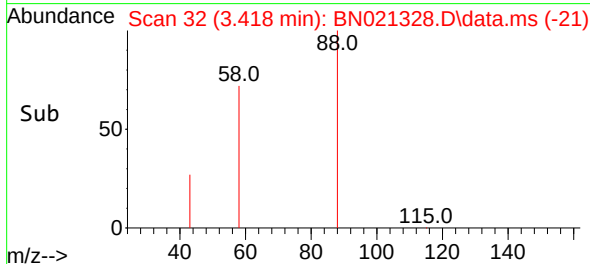
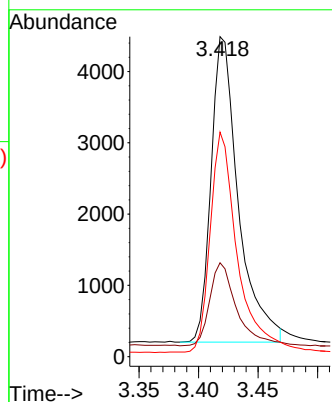


#2
1,4-Dioxane
Concen: 1.845 ng/ul
RT: 3.418 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Instrument :
BNA_N
ClientSampleId :

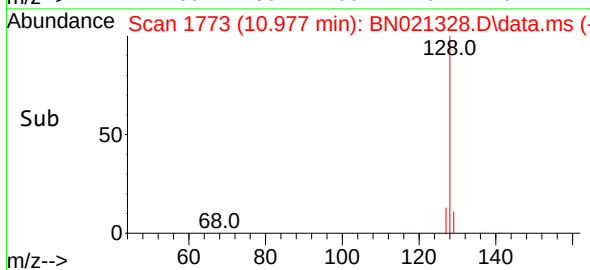
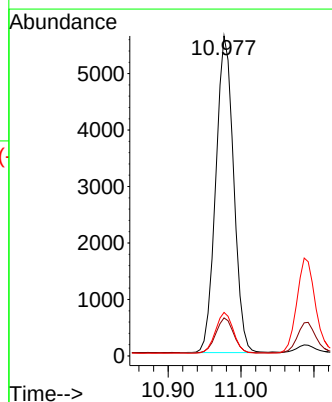
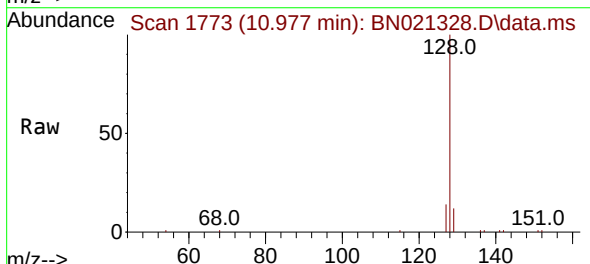


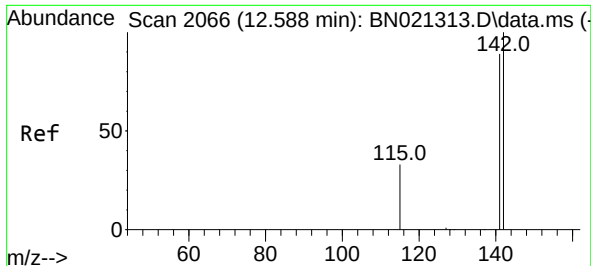
Tgt Ion: 88 Resp: 6837
Ion Ratio Lower Upper
88 100
43 29.4 31.4 47.0#
58 70.1 49.0 73.6



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Tgt Ion:128 Resp: 9560
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 13.6 11.6 17.4

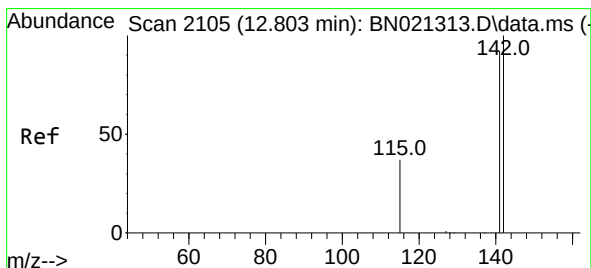
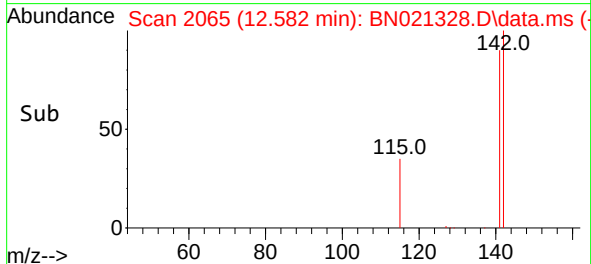
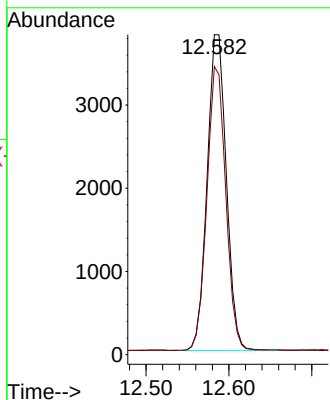
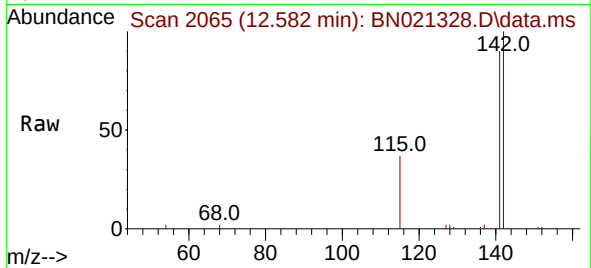




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.582 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

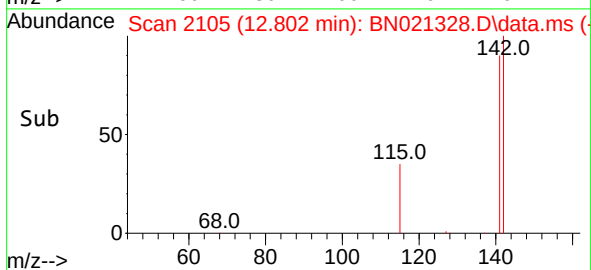
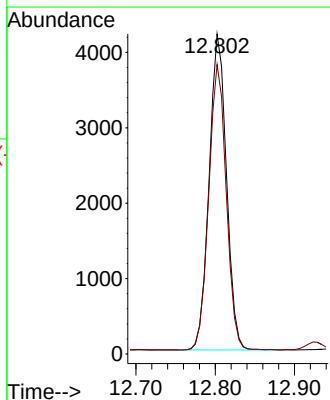
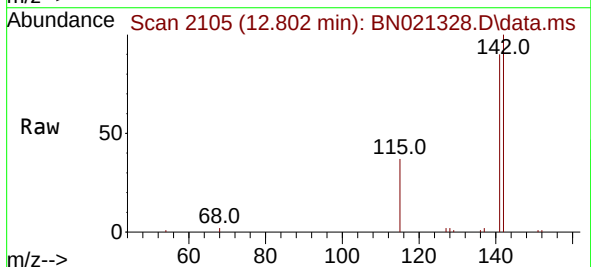
Instrument :
BNA_N
ClientSampleId :

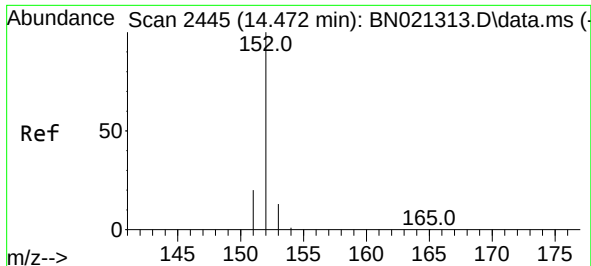
Tgt Ion:142 Resp: 6120
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.802 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

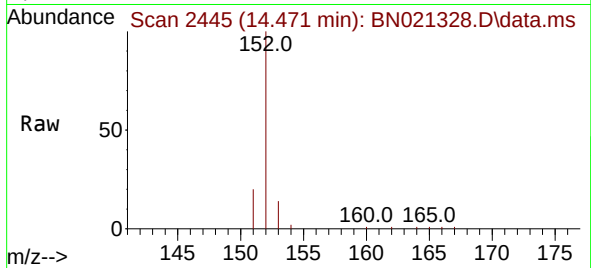
Tgt Ion:142 Resp: 6372
Ion Ratio Lower Upper
142 100
141 91.1 73.9 110.9



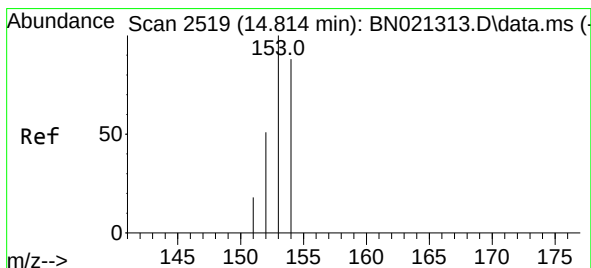
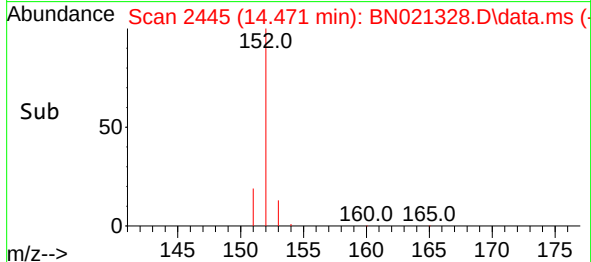
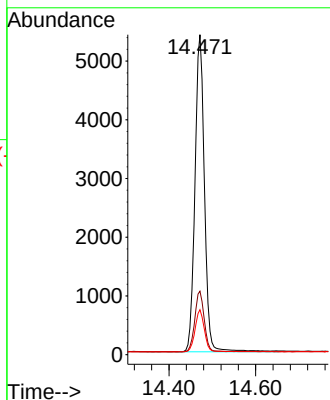


#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Instrument :
BNA_N
ClientSampleId :

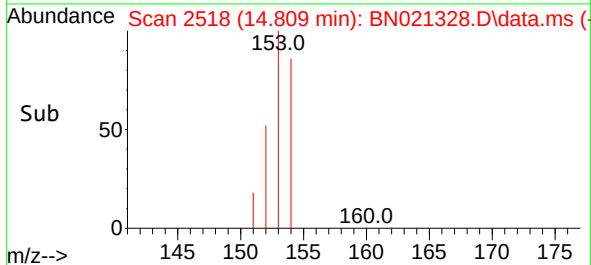
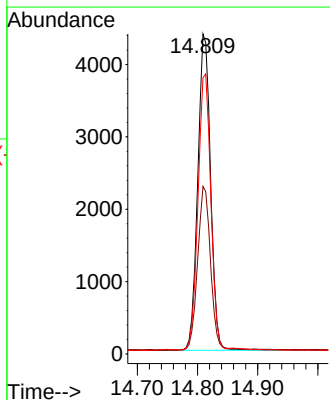
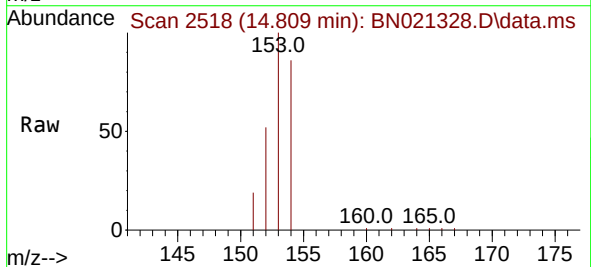


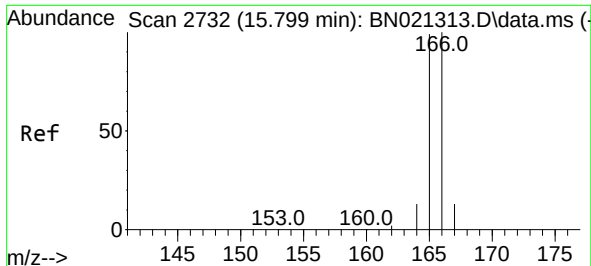
Tgt Ion:152 Resp: 8203
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.809 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

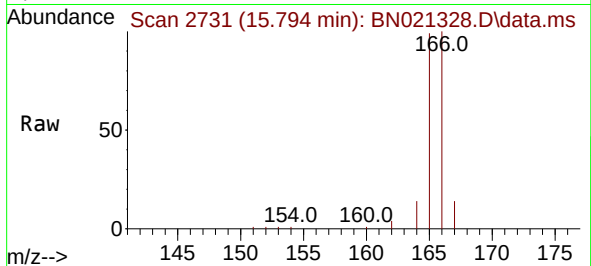
Tgt Ion:153 Resp: 6448
Ion Ratio Lower Upper
153 100
152 52.4 40.2 60.4
154 86.3 70.7 106.1



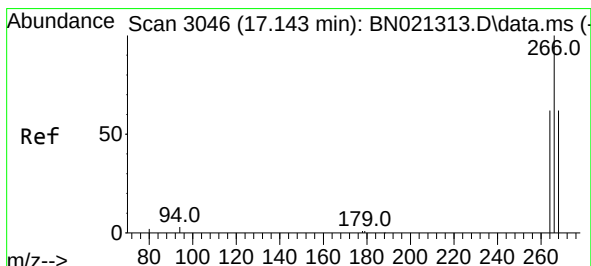
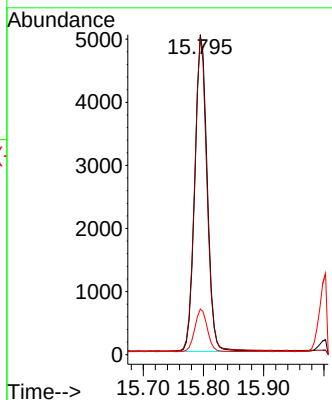
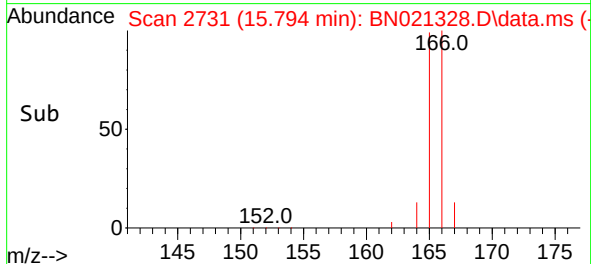


#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.794 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

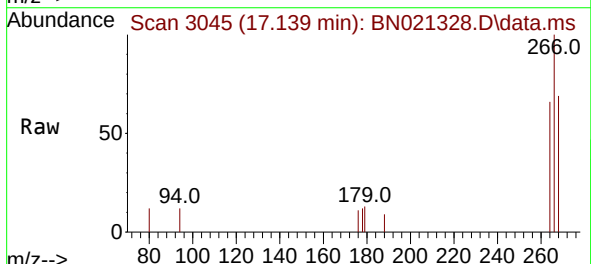
Instrument :
BNA_N
ClientSampleId :



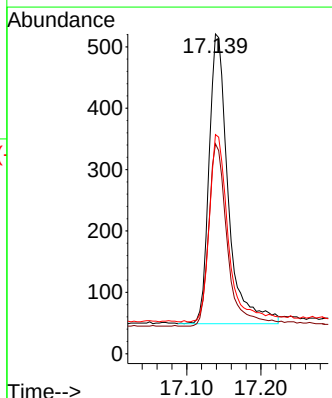
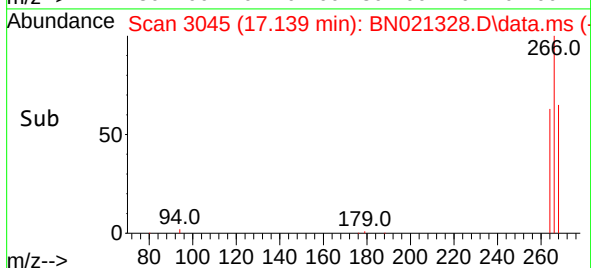
Tgt Ion:166 Resp: 7184
Ion Ratio Lower Upper
166 100
165 99.3 78.6 117.8
167 14.3 11.8 17.6

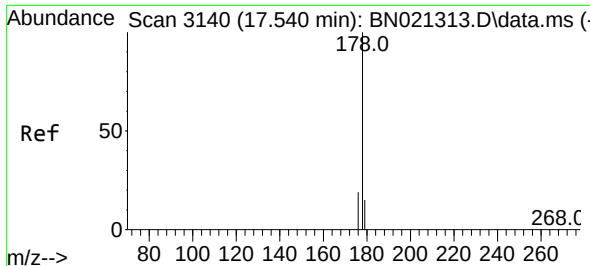


#14
Pentachlorophenol
Concen: 0.778 ng/ul
RT: 17.139 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38



Tgt Ion:266 Resp: 846
Ion Ratio Lower Upper
266 100
264 61.5 49.8 74.8
268 64.2 50.6 75.8

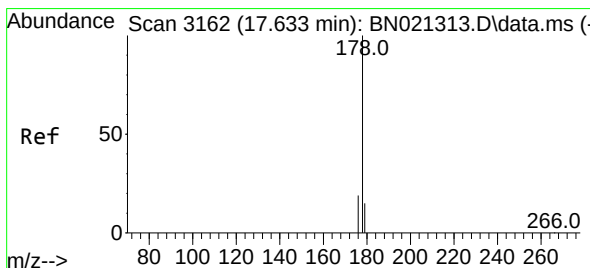
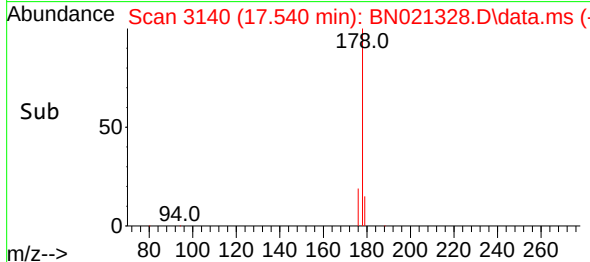
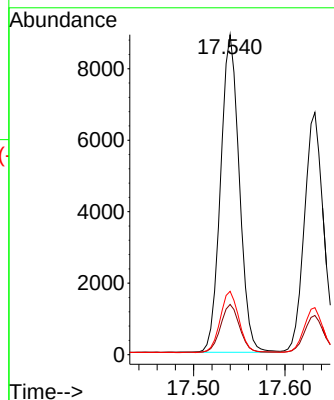
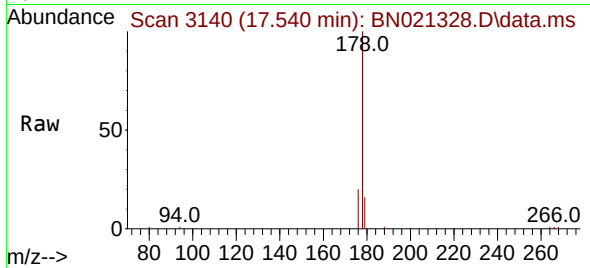




#15
Phenanthrene
Concen: 0.345 ng/u1
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

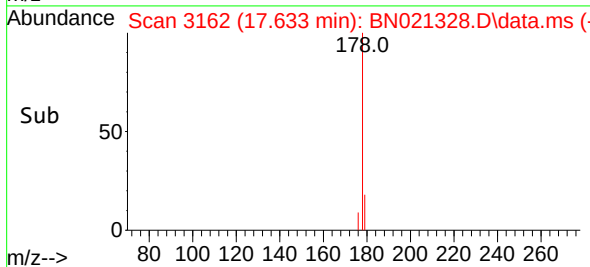
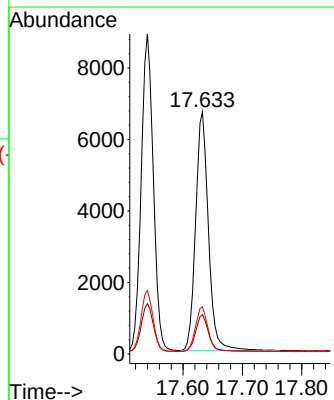
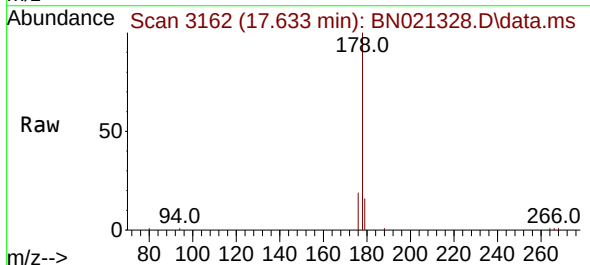
Instrument :
BNA_N
ClientSampleId :

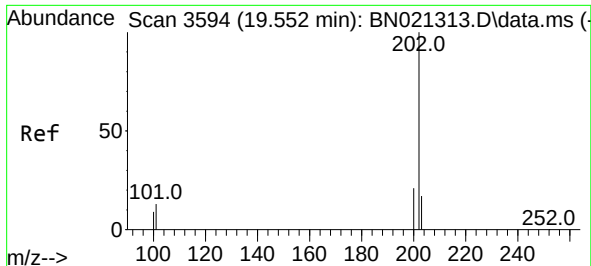
Tgt Ion:178 Resp: 12608
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.342 ng/u1
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

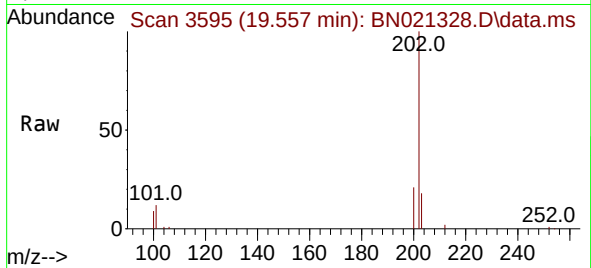
Tgt Ion:178 Resp: 9994
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.4 15.9 23.9



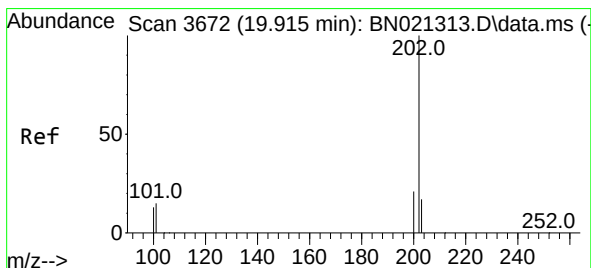
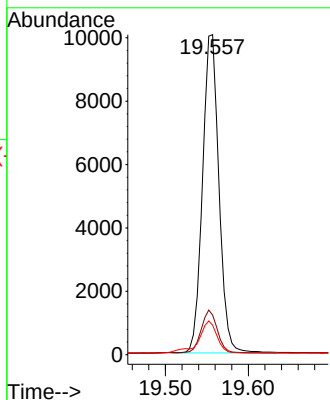
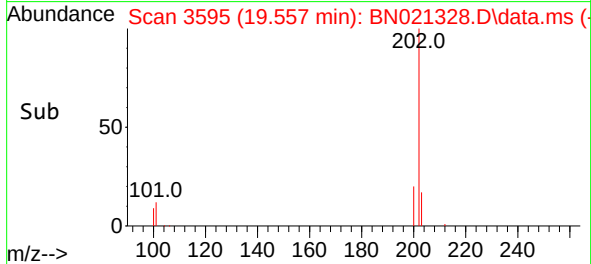


#19
Fluoranthene
Concen: 0.356 ng/u1
RT: 19.557 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Instrument :
BNA_N
ClientSampleId :

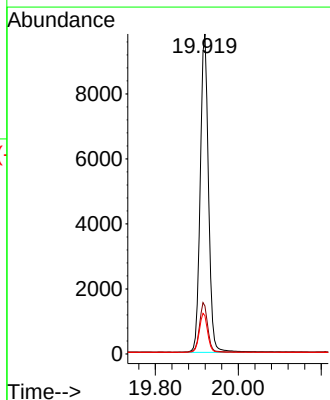
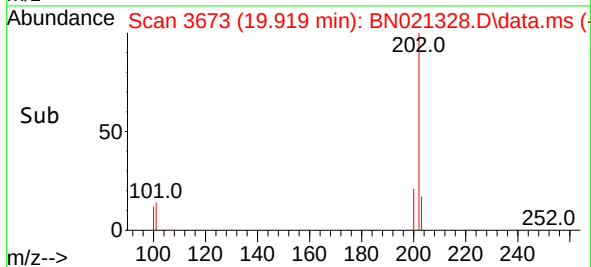
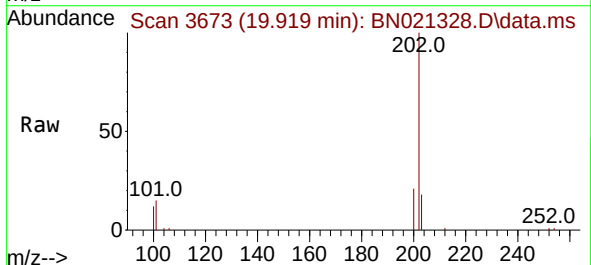


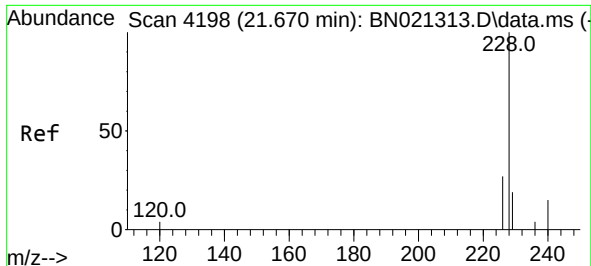
Tgt Ion:202 Resp: 13851
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.2 8.0 12.0



#20
Pyrene
Concen: 0.348 ng/u1
RT: 19.919 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Tgt Ion:202 Resp: 13562
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.0 9.0 13.4

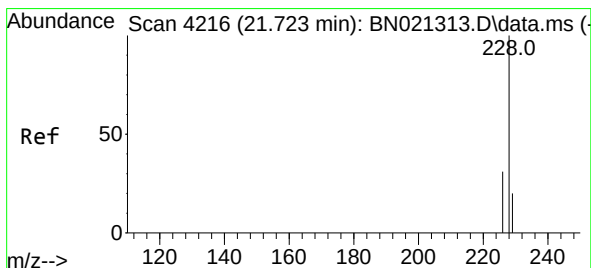
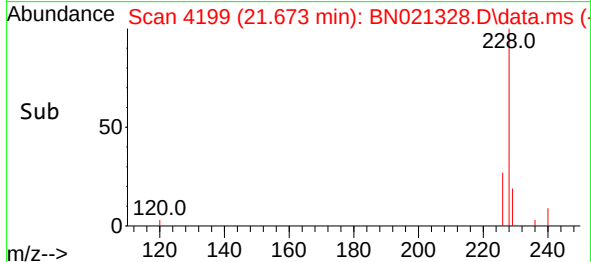
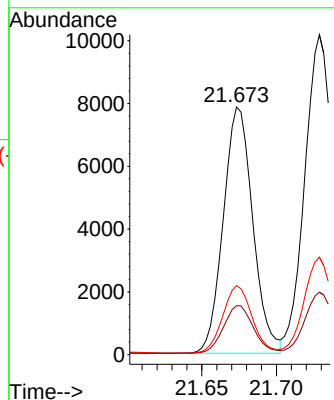
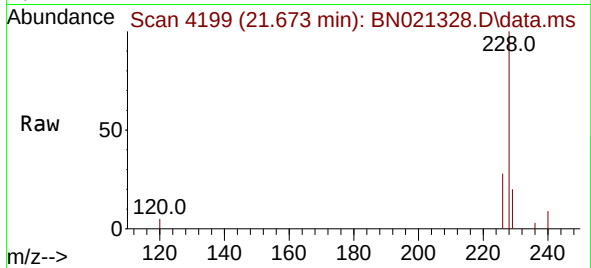




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.673 min Scan# 4198
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

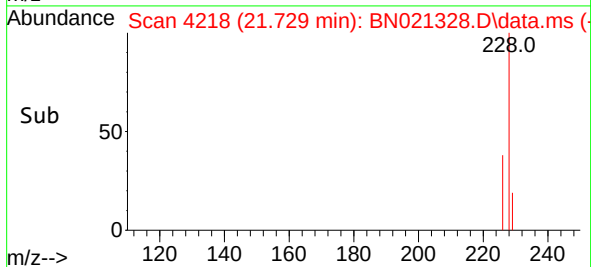
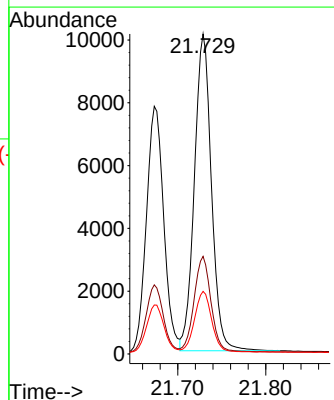
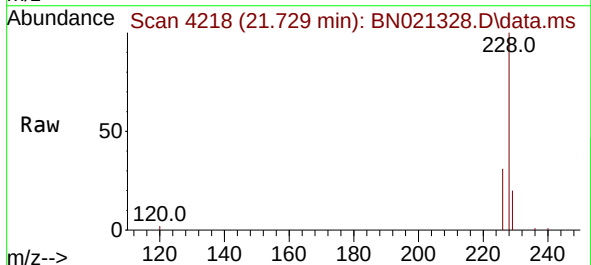
Instrument :
BNA_N
ClientSampleId :

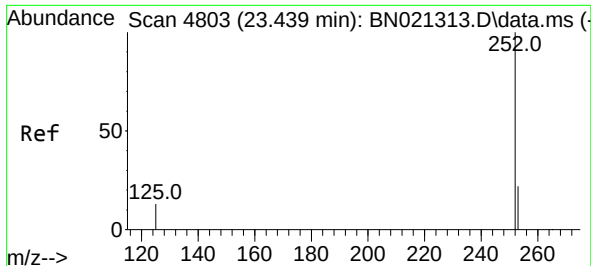
Tgt Ion:228 Resp: 10786
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.729 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

Tgt Ion:228 Resp: 13595
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.6 15.8 23.8

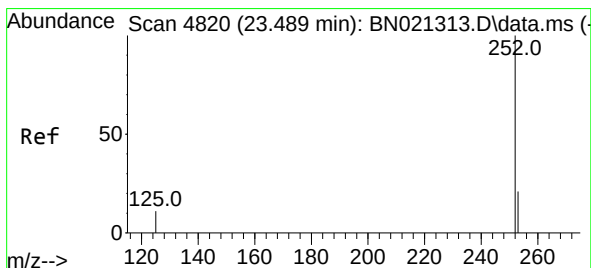
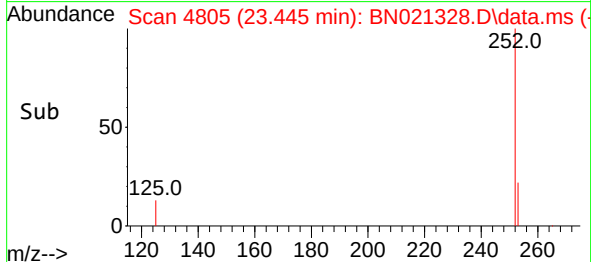
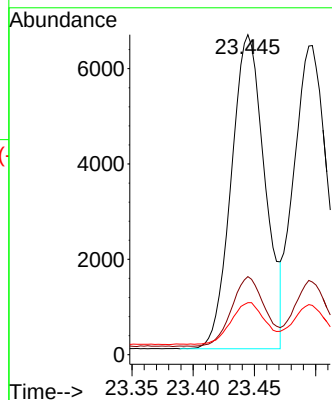
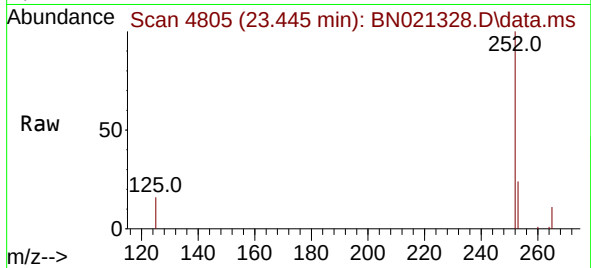




#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

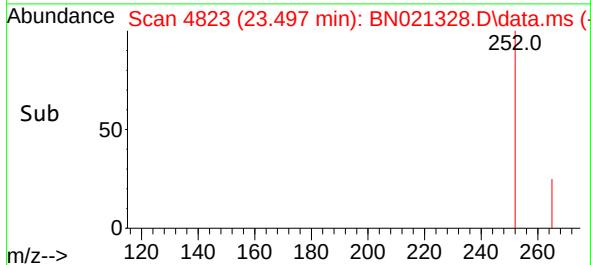
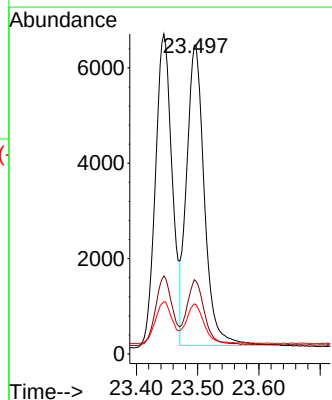
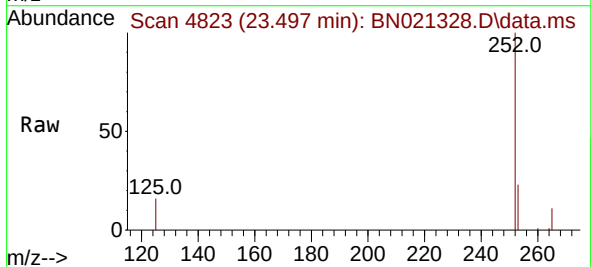
Instrument :
BNA_N
ClientSampleId :

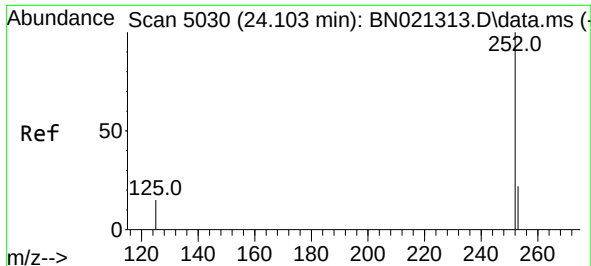
Tgt Ion:252 Resp: 12564
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.8
125 16.3 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.497 min Scan# 4823
Delta R.T. 0.000 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

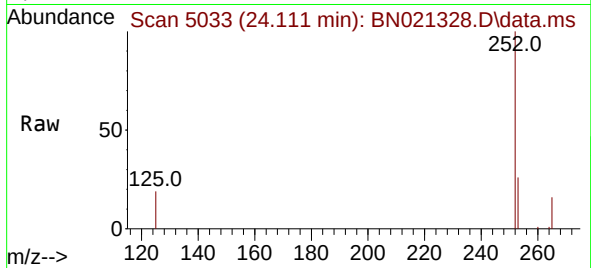
Tgt Ion:252 Resp: 12638
Ion Ratio Lower Upper
252 100
253 23.5 20.6 31.0
125 15.9 11.8 17.6



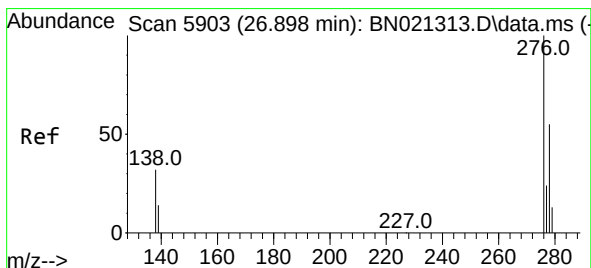
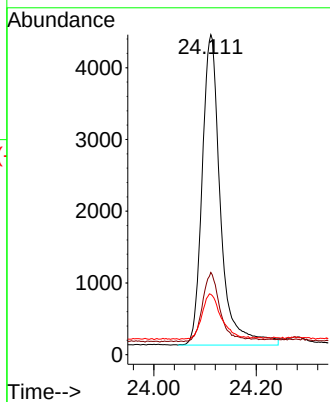
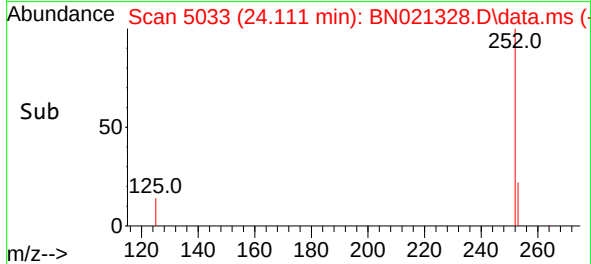


#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 24.111 min Scan# 5033
Delta R.T. 0.003 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38

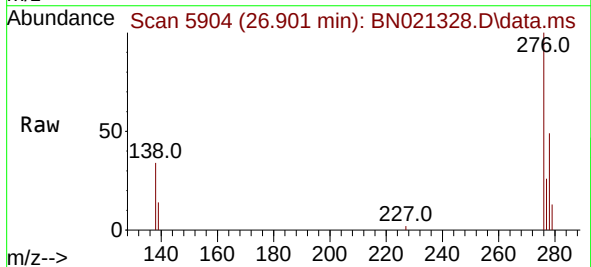
Instrument :
BNA_N
ClientSampleId :



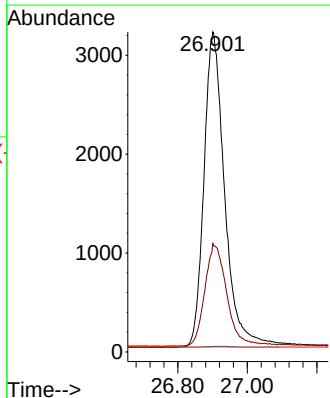
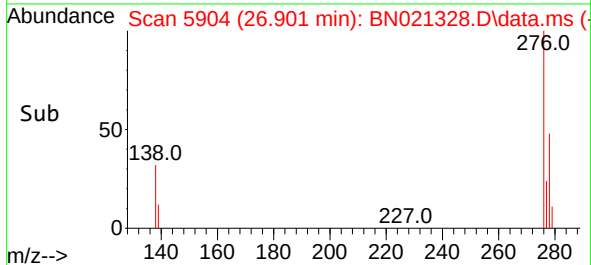
Tgt Ion:252 Resp: 10743
Ion Ratio Lower Upper
252 100
253 25.7 22.1 33.1
125 18.8 14.7 22.1

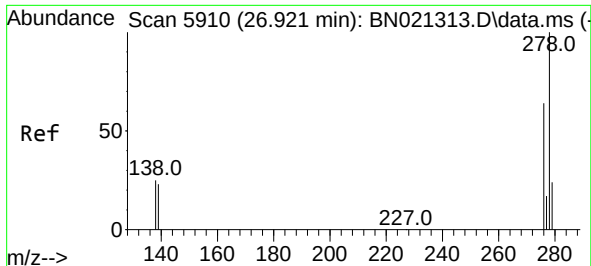


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.901 min Scan# 5904
Delta R.T. -0.003 min
Lab File: BN021328.D
Acq: 23 Aug 2022 14:38



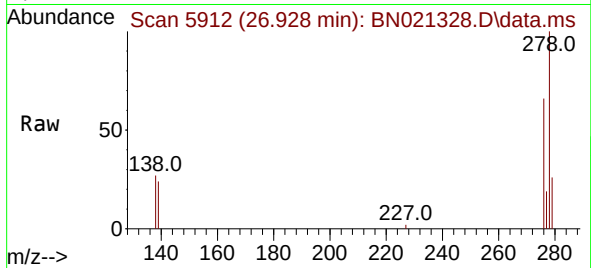
Tgt Ion:276 Resp: 13211
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.2 0.1 0.1#



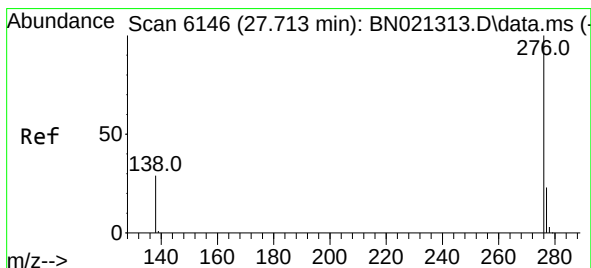
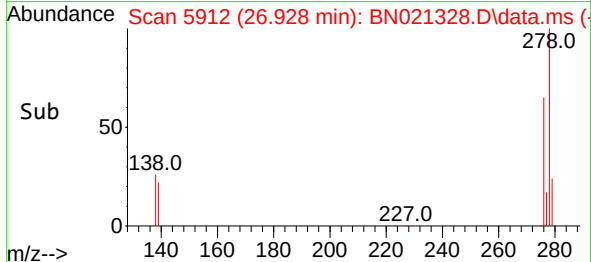
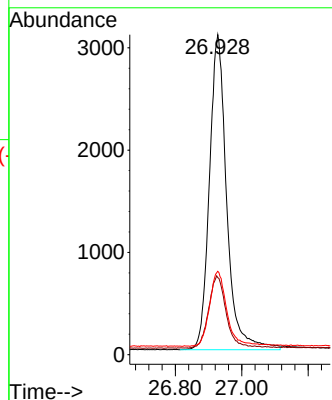


#28
 Dibenzo(a,h)anthracene
 Concen: 0.416 ng/ul
 RT: 26.928 min Scan# 5910
 Delta R.T. 0.000 min
 Lab File: BN021328.D
 Acq: 23 Aug 2022 14:38

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 11115
 Ion Ratio Lower Upper
 278 100
 139 24.1 18.3 27.5
 279 26.0 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 27.726 min Scan# 6150
 Delta R.T. 0.003 min
 Lab File: BN021328.D
 Acq: 23 Aug 2022 14:38

Tgt Ion:276 Resp: 12714
 Ion Ratio Lower Upper
 276 100
 138 29.7 22.6 34.0
 277 25.2 20.2 30.2

