

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
 Data File : BN021327.D
 Acq On : 23 Aug 2022 14:00
 Operator : CG/JU
 Sample : PB147168BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 00:58:20 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)

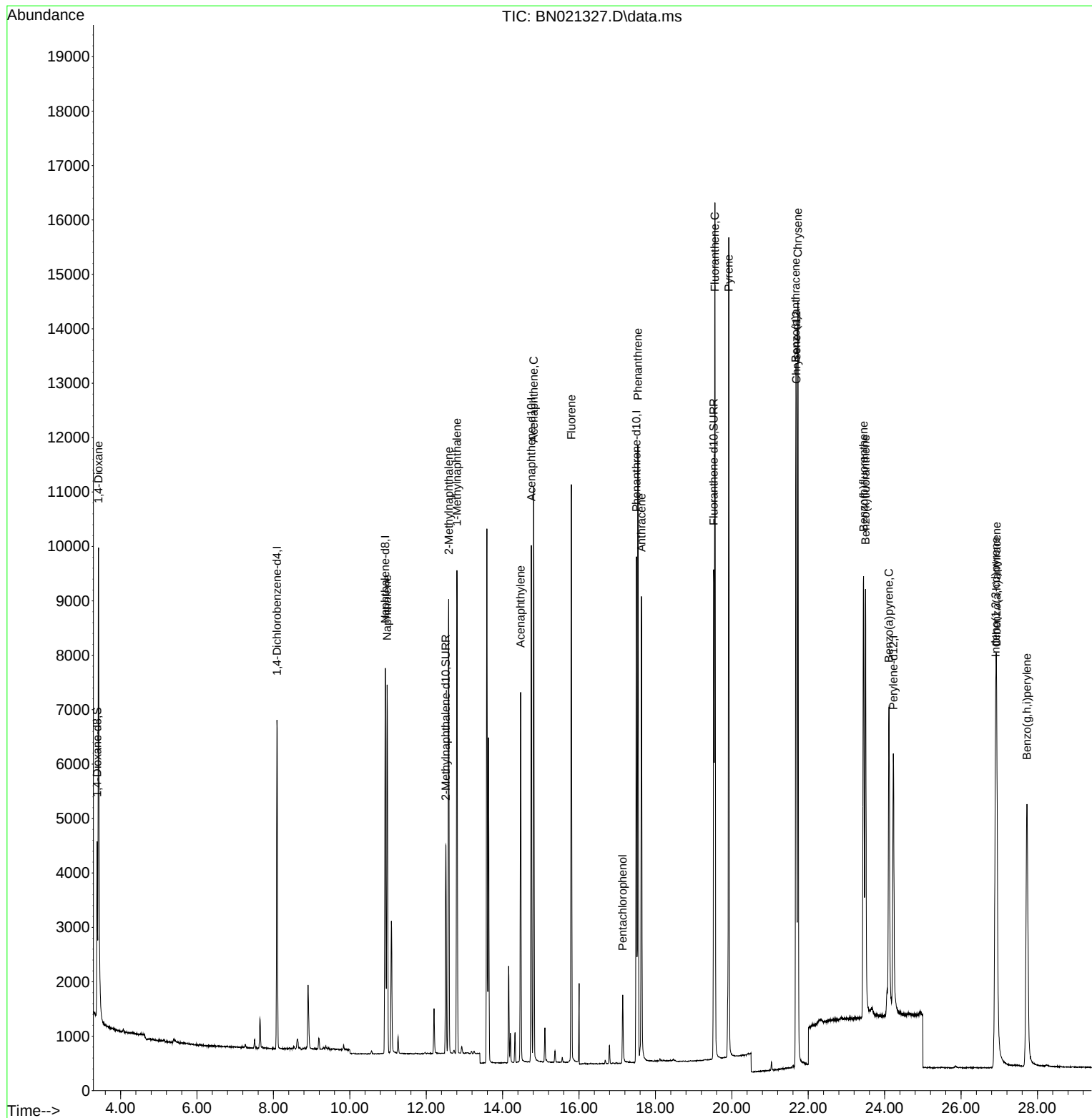
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	3096	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	9630	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.749	164	5174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	10947	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	8979	0.400	ng/ul #	0.00
23) Perylene-d12	24.228	264	7436	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2491	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4968	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.525	212	9606	0.347	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	6665	1.593	ng/ul#	91
5) Naphthalene	10.977	128	9254	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	5853	0.307	ng/ul	98
8) 1-Methylnaphthalene	12.803	142	6127	0.343	ng/ul	99
10) Acenaphthylene	14.472	152	7741	0.290	ng/ul	99
11) Acenaphthene	14.814	153	6146	0.301	ng/ul	99
12) Fluorene	15.799	166	6877	0.301	ng/ul	99
14) Pentachlorophenol	17.143	266	921	0.762	ng/ul	99
15) Phenanthrene	17.540	178	11987	0.295	ng/ul	99
16) Anthracene	17.633	178	9541	0.293	ng/ul	99
19) Fluoranthene	19.557	202	13080	0.307	ng/ul	98
20) Pyrene	19.920	202	12928	0.303	ng/ul	96
21) Benzo(a)anthracene	21.673	228	10295	0.331	ng/ul	99
22) Chrysene	21.729	228	12635	0.316	ng/ul	100
24) Benzo(b)fluoranthene	23.448	252	11643	0.365	ng/ul	98
25) Benzo(k)fluoranthene	23.497	252	11767	0.342	ng/ul	96
26) Benzo(a)pyrene	24.111	252	10304	0.342	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.905	276	12160	0.344	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.932	278	10057	0.346	ng/ul	94
29) Benzo(g,h,i)perylene	27.723	276	11769	0.335	ng/ul	98

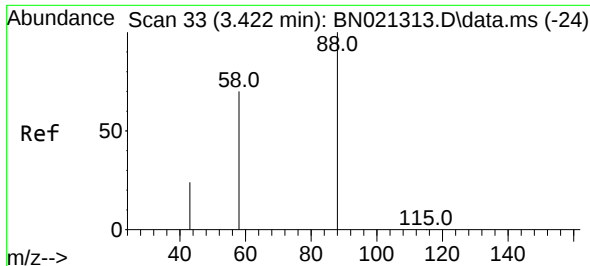
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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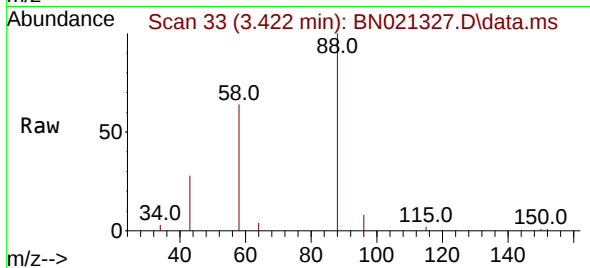
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
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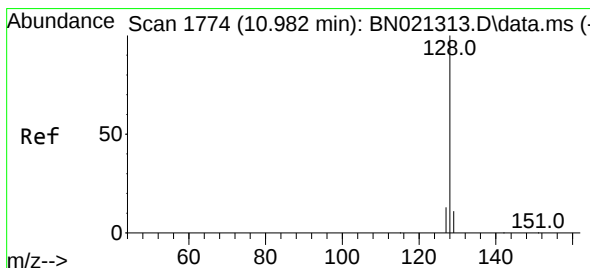
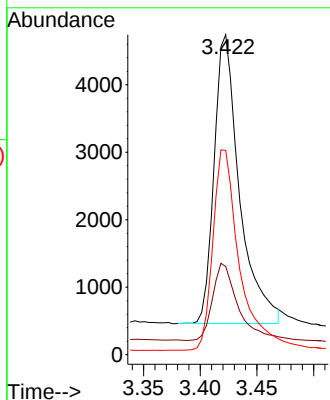
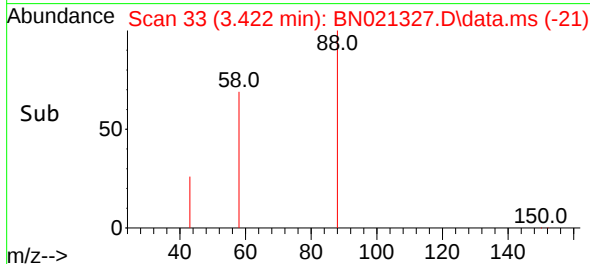


#2
1,4-Dioxane
Concen: 1.593 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

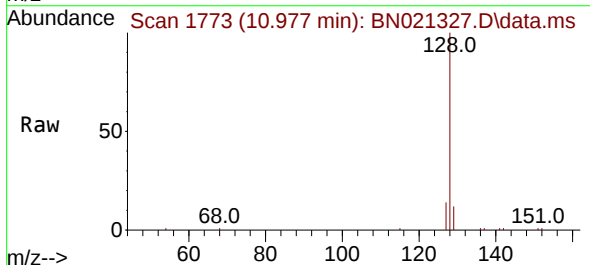
Instrument :
BNA_N
ClientSampleId :



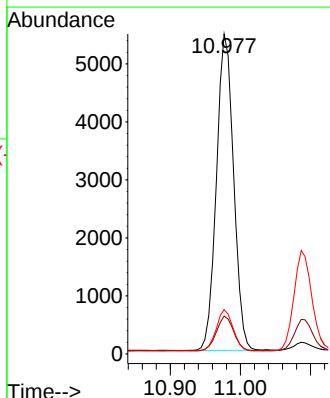
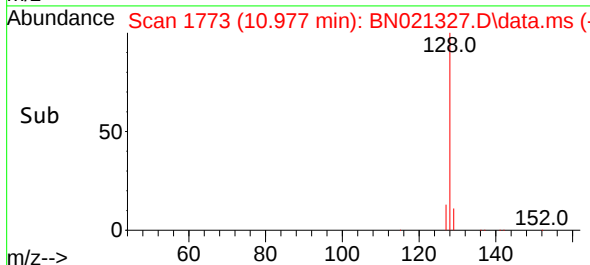
Tgt Ion: 88 Resp: 6665
Ion Ratio Lower Upper
88 100
43 27.5 31.4 47.0#
58 63.9 49.0 73.6

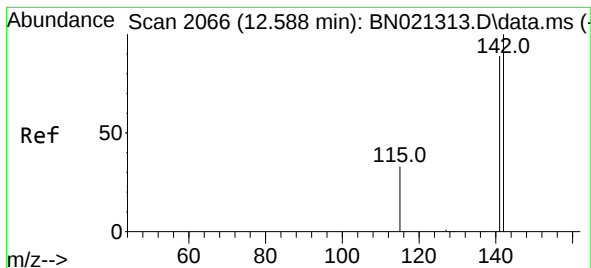


#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00



Tgt Ion: 128 Resp: 9254
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 13.8 11.6 17.4

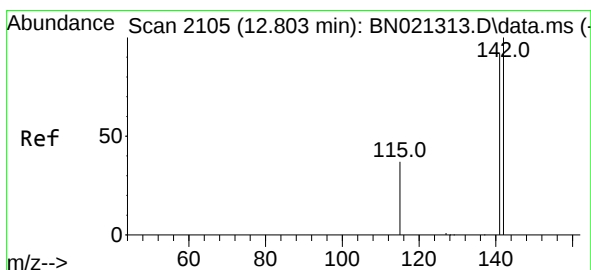
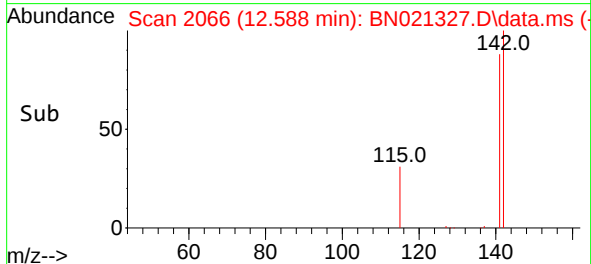
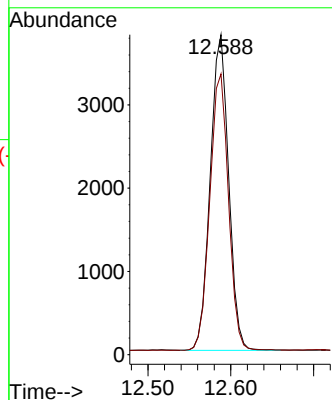
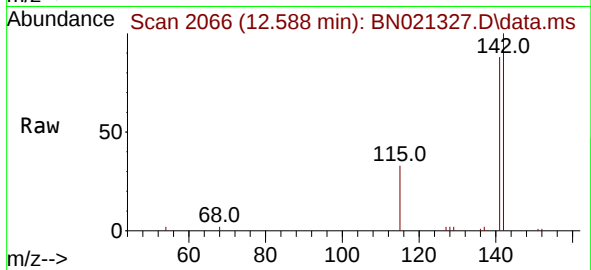




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

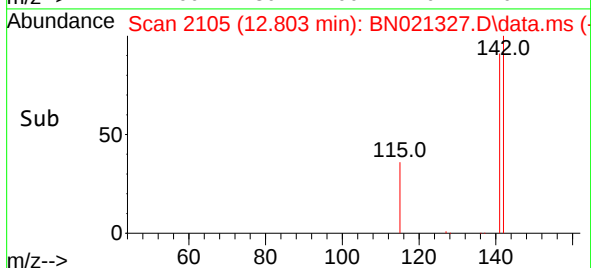
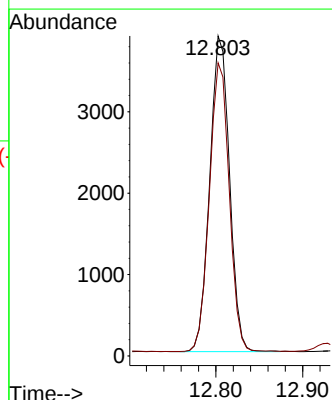
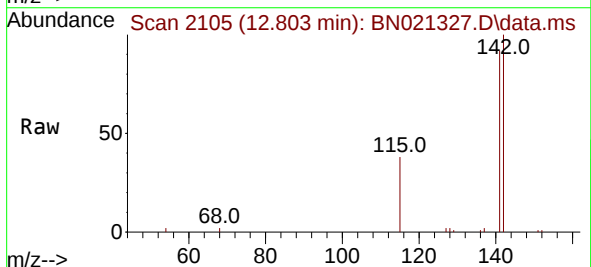
Instrument :
BNA_N
ClientSampleId :

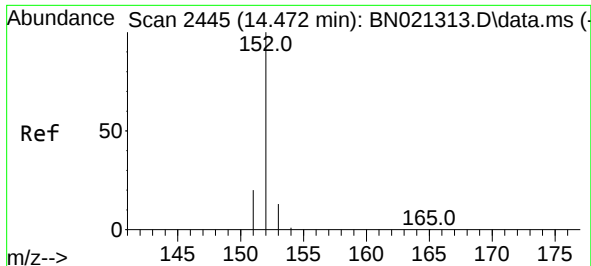
Tgt Ion:142 Resp: 5853
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.803 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

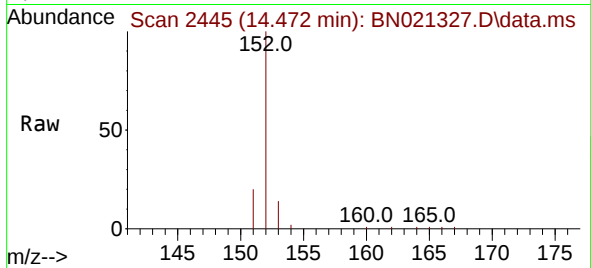
Tgt Ion:142 Resp: 6127
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9



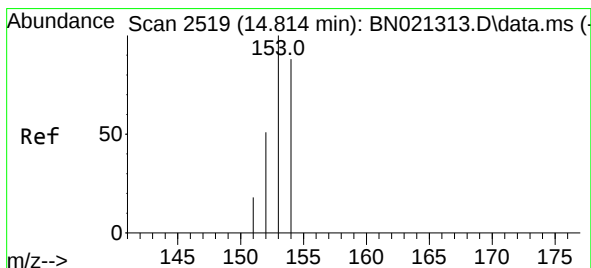
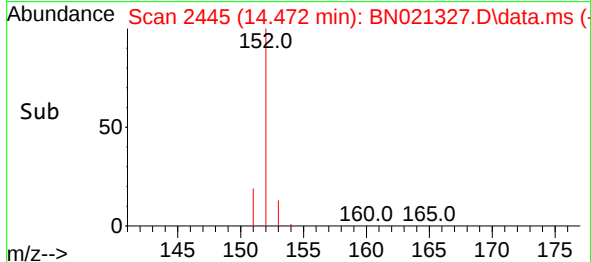
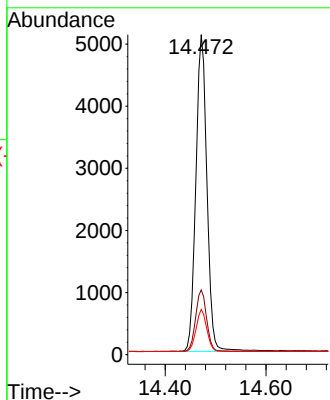


#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

Instrument :
BNA_N
ClientSampleId :

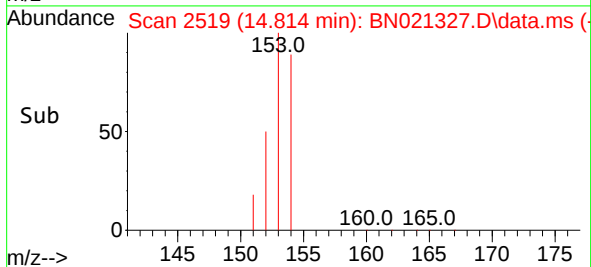
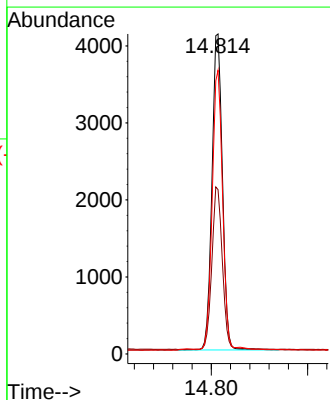
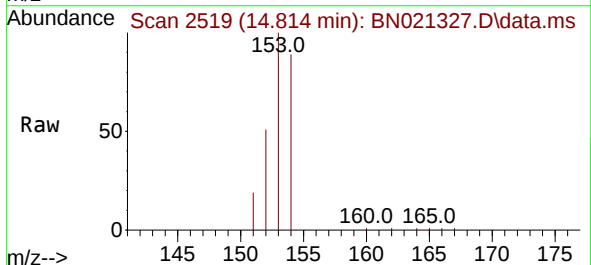


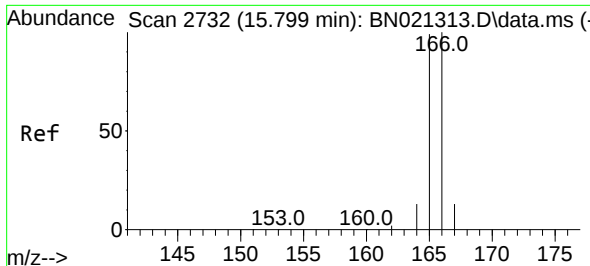
Tgt Ion:152 Resp: 7741
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

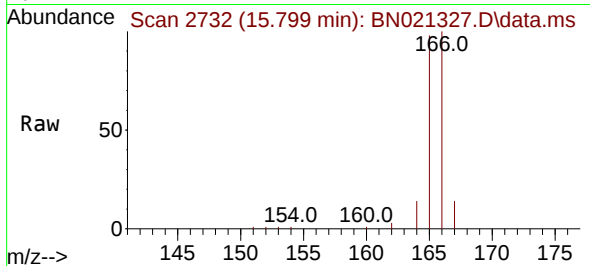
Tgt Ion:153 Resp: 6146
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 88.6 70.7 106.1



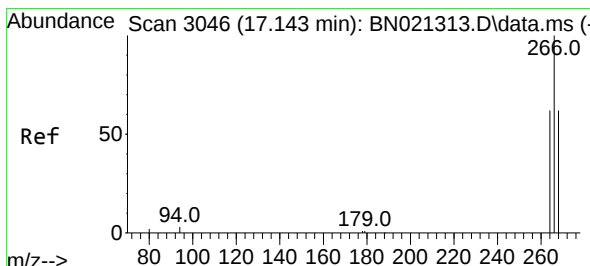
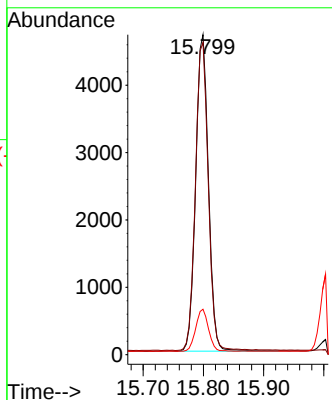
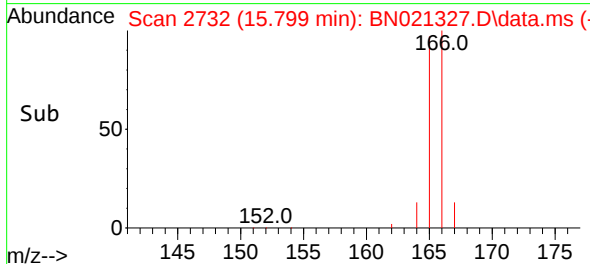


#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

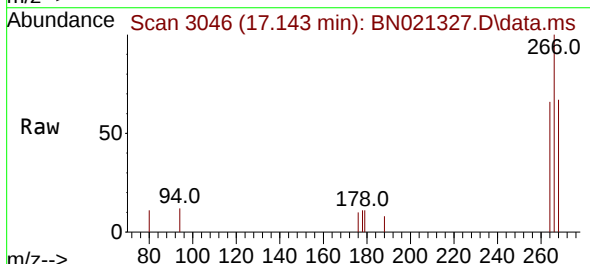
Instrument :
BNA_N
ClientSampleId :



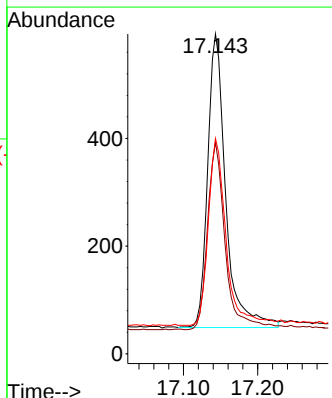
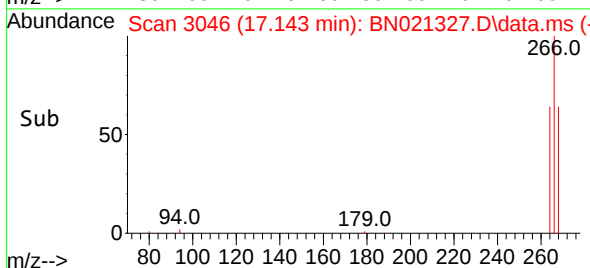
Tgt Ion:166 Resp: 6877
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 14.2 11.8 17.6

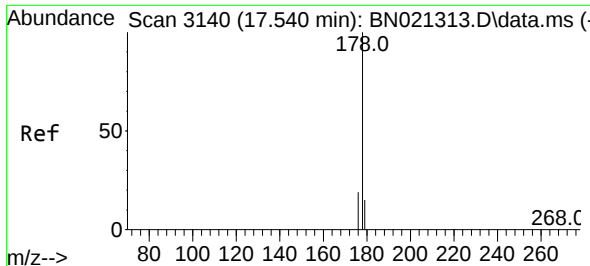


#14
Pentachlorophenol
Concen: 0.762 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00



Tgt Ion:266 Resp: 921
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 62.8 50.6 75.8

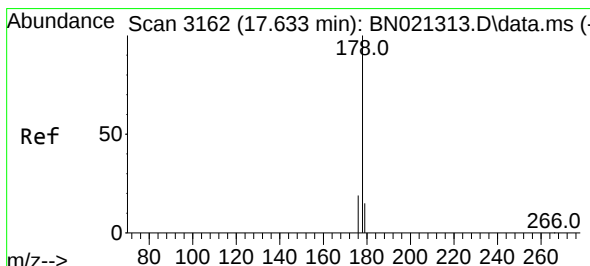
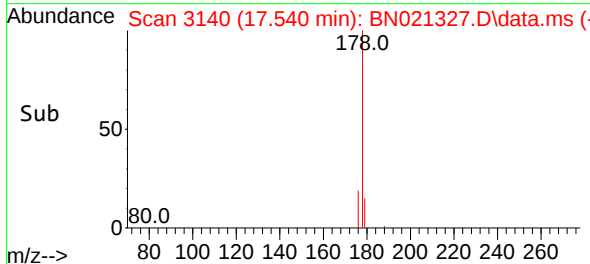
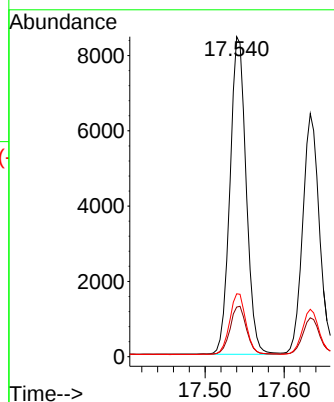
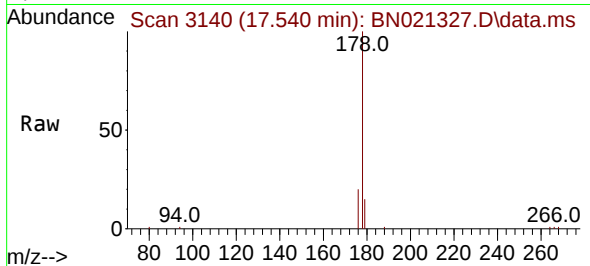




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

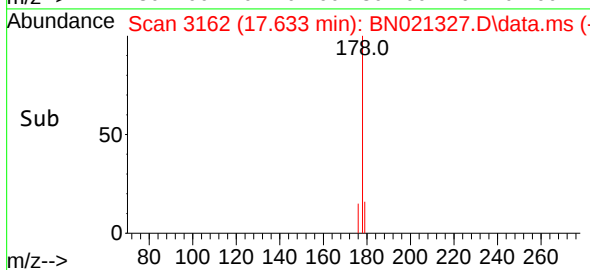
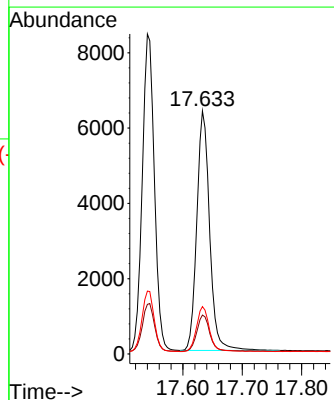
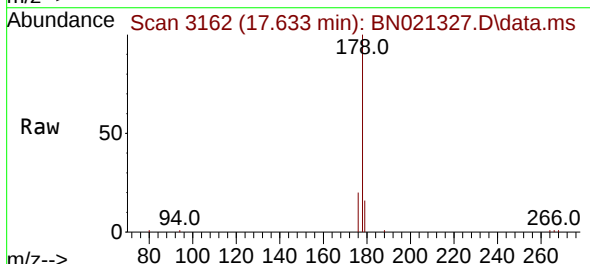
Instrument :
BNA_N
ClientSampleId :

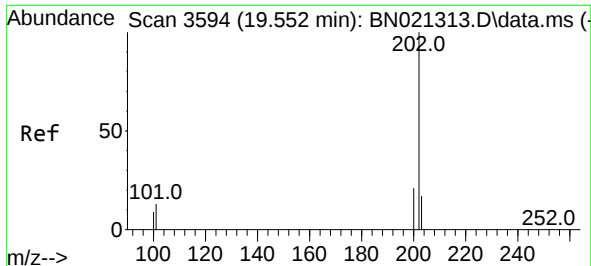
Tgt Ion:178	Resp:	11987
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.8 19.2
176	19.6	15.9 23.9



#16
Anthracene
Concen: 0.293 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

Tgt Ion:178	Resp:	9541
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.9 19.3
176	19.5	15.9 23.9

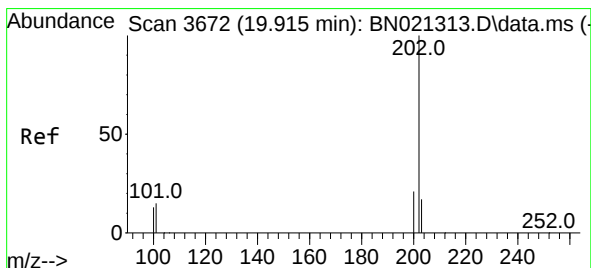
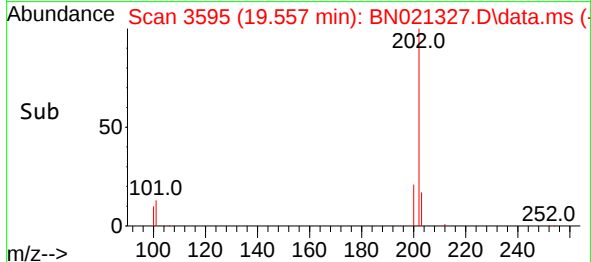
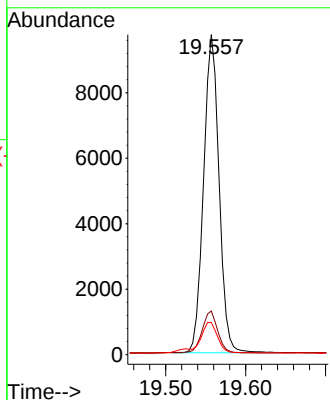
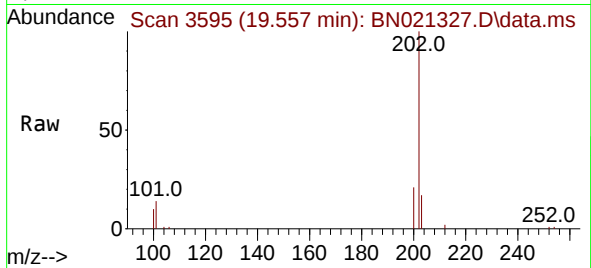




#19
Fluoranthene
Concen: 0.307 ng/u1
RT: 19.557 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

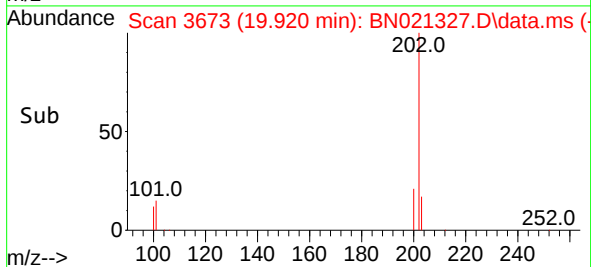
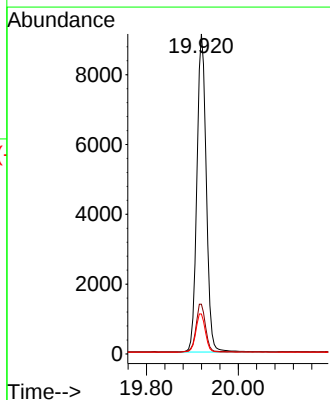
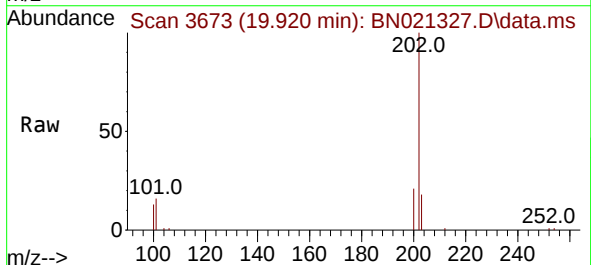
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BNA_N
ClientSampleId :

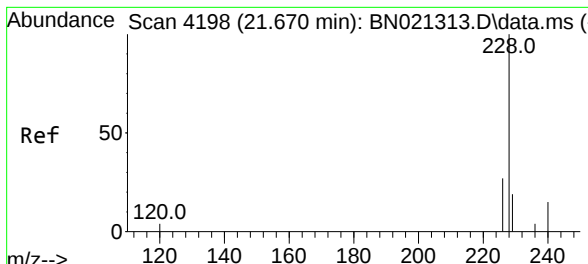
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.0	15.0
100	10.1	8.0	12.0



#20
Pyrene
Concen: 0.303 ng/u1
RT: 19.920 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.3	16.9
100	12.5	9.0	13.4



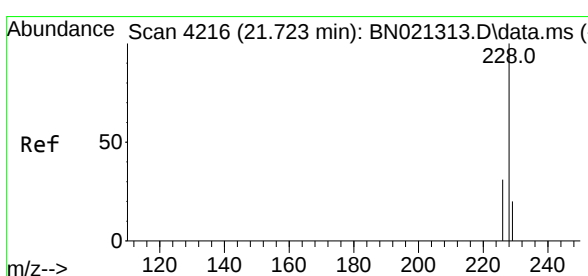
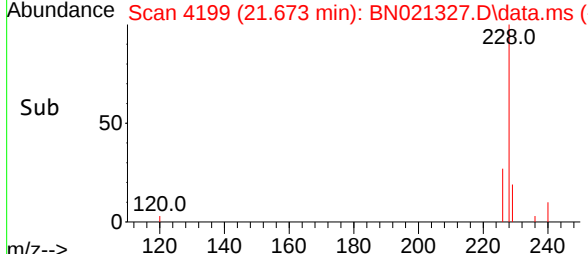
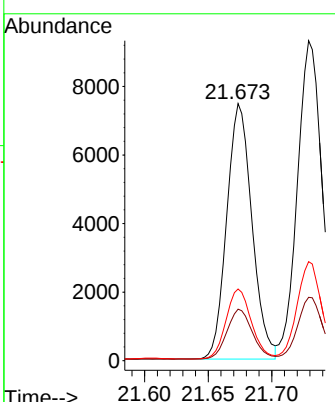
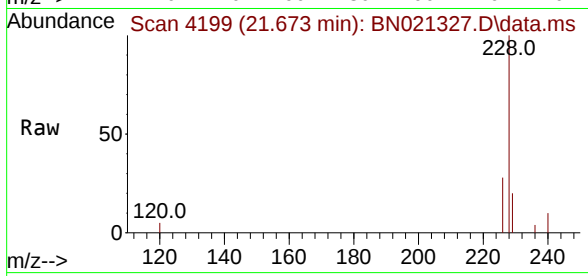


#21
 Benzo(a)anthracene
 Concen: 0.331 ng/ul
 RT: 21.673 min Scan# 4199
 Delta R.T. 0.000 min
 Lab File: BN021327.D
 Acq: 23 Aug 2022 14:00

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:228 Resp: 10295

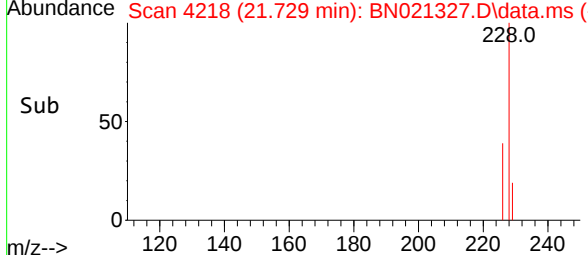
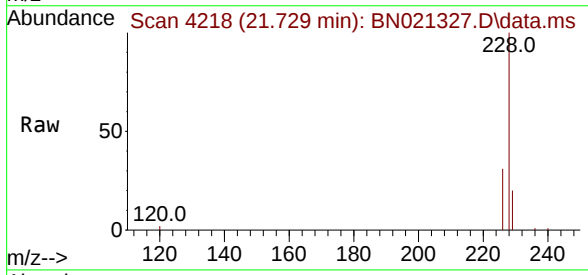
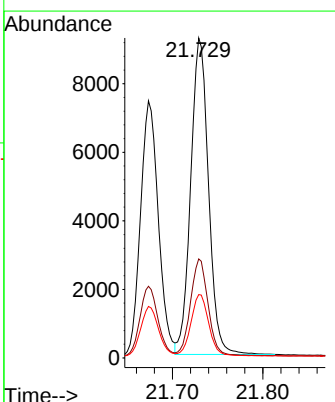
Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.9	21.9	32.9

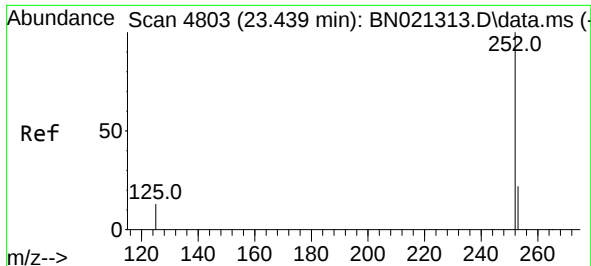


#22
 Chrysene
 Concen: 0.316 ng/ul
 RT: 21.729 min Scan# 4218
 Delta R.T. 0.000 min
 Lab File: BN021327.D
 Acq: 23 Aug 2022 14:00

Tgt Ion:228 Resp: 12635

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.8	15.8	23.8

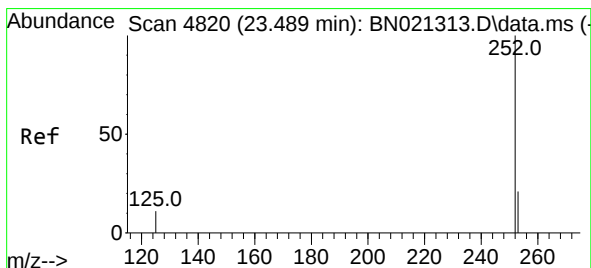
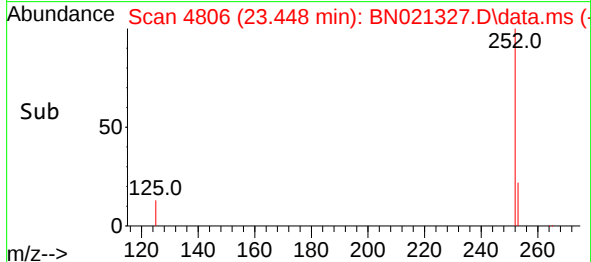
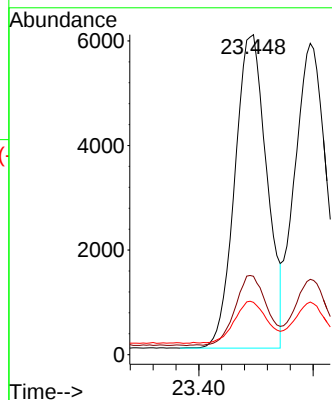
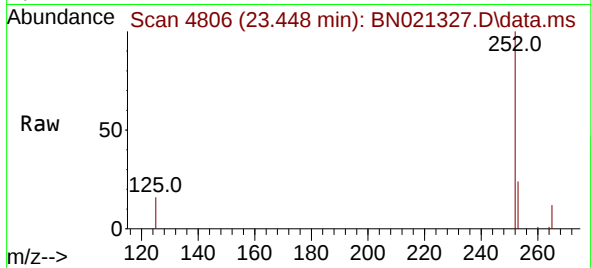




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.448 min Scan# 4806
Delta R.T. 0.003 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

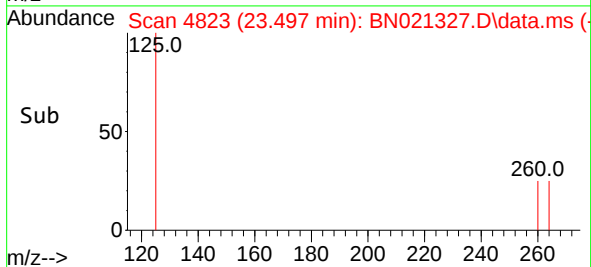
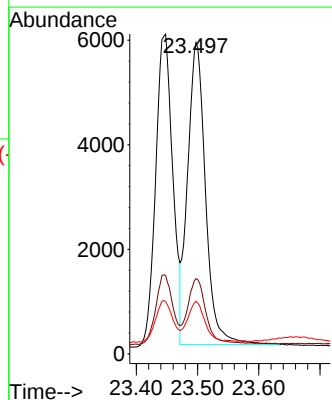
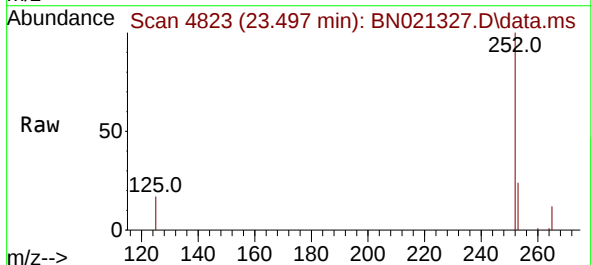
Instrument :
BNA_N
ClientSampleId :

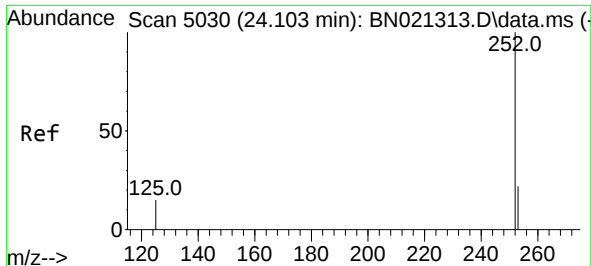
Tgt Ion:252 Resp: 11643
Ion Ratio Lower Upper
252 100
253 24.5 0.0 50.8
125 16.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 23.497 min Scan# 4823
Delta R.T. 0.000 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

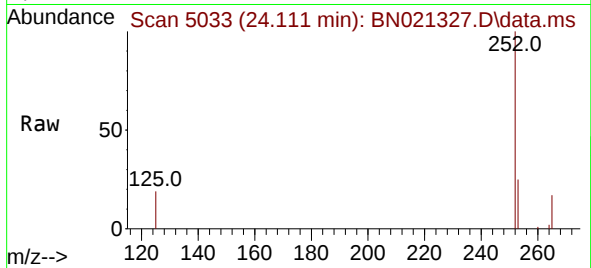
Tgt Ion:252 Resp: 11767
Ion Ratio Lower Upper
252 100
253 24.2 20.6 31.0
125 16.9 11.8 17.6



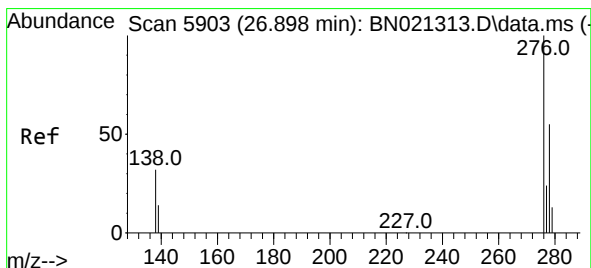
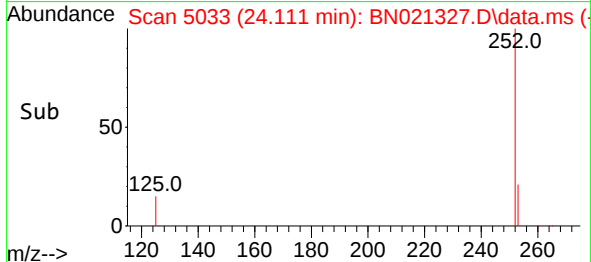
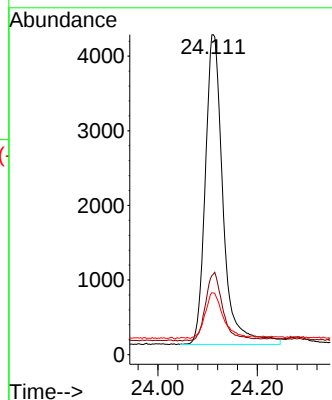


#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 24.111 min Scan# 5033
Delta R.T. 0.003 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

Instrument :
BNA_N
ClientSampleId :

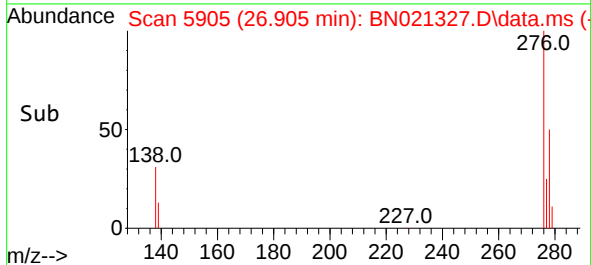
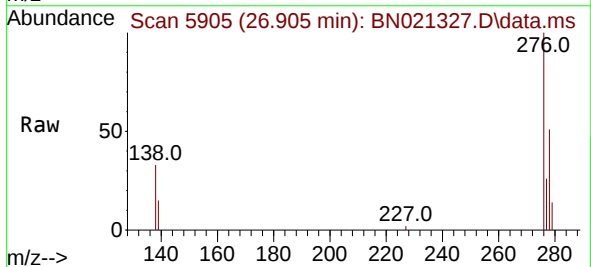
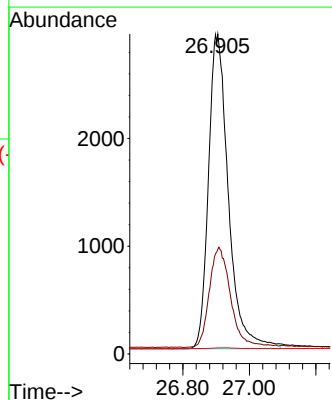


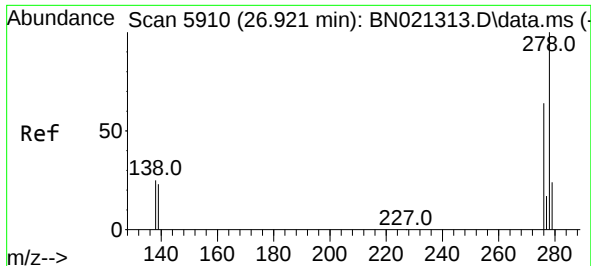
Tgt Ion:252 Resp: 10304
Ion Ratio Lower Upper
252 100
253 25.1 22.1 33.1
125 19.3 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.905 min Scan# 5905
Delta R.T. 0.001 min
Lab File: BN021327.D
Acq: 23 Aug 2022 14:00

Tgt Ion:276 Resp: 12160
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.0 0.1 0.1#

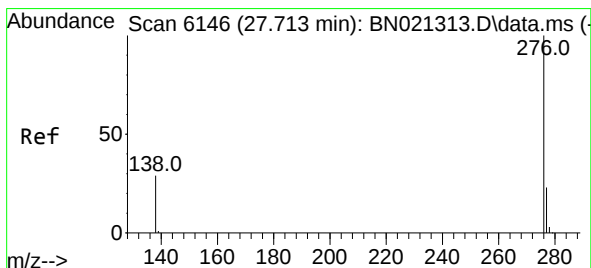
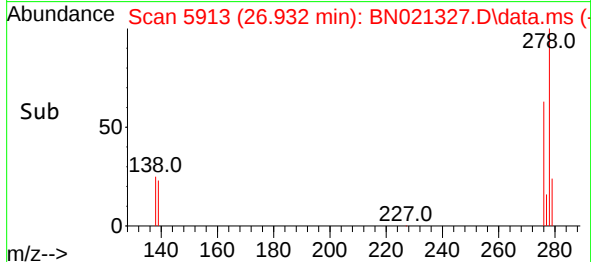
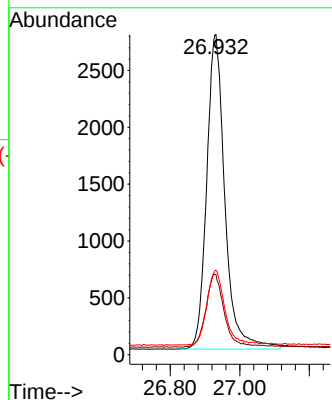
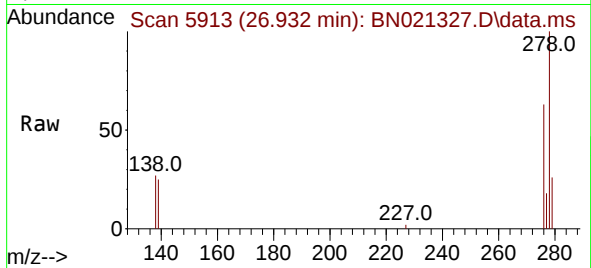




#28
 Dibenzo(a,h)anthracene
 Concen: 0.346 ng/ul
 RT: 26.932 min Scan# 5913
 Delta R.T. 0.004 min
 Lab File: BN021327.D
 Acq: 23 Aug 2022 14:00

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 10057
 Ion Ratio Lower Upper
 278 100
 139 25.0 18.3 27.5
 279 26.4 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.335 ng/ul
 RT: 27.723 min Scan# 6149
 Delta R.T. 0.001 min
 Lab File: BN021327.D
 Acq: 23 Aug 2022 14:00

Tgt Ion:276 Resp: 11769
 Ion Ratio Lower Upper
 276 100
 138 29.9 22.6 34.0
 277 25.3 20.2 30.2

