

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023316.D
 Acq On : 21 Dec 2022 16:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 03:20:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

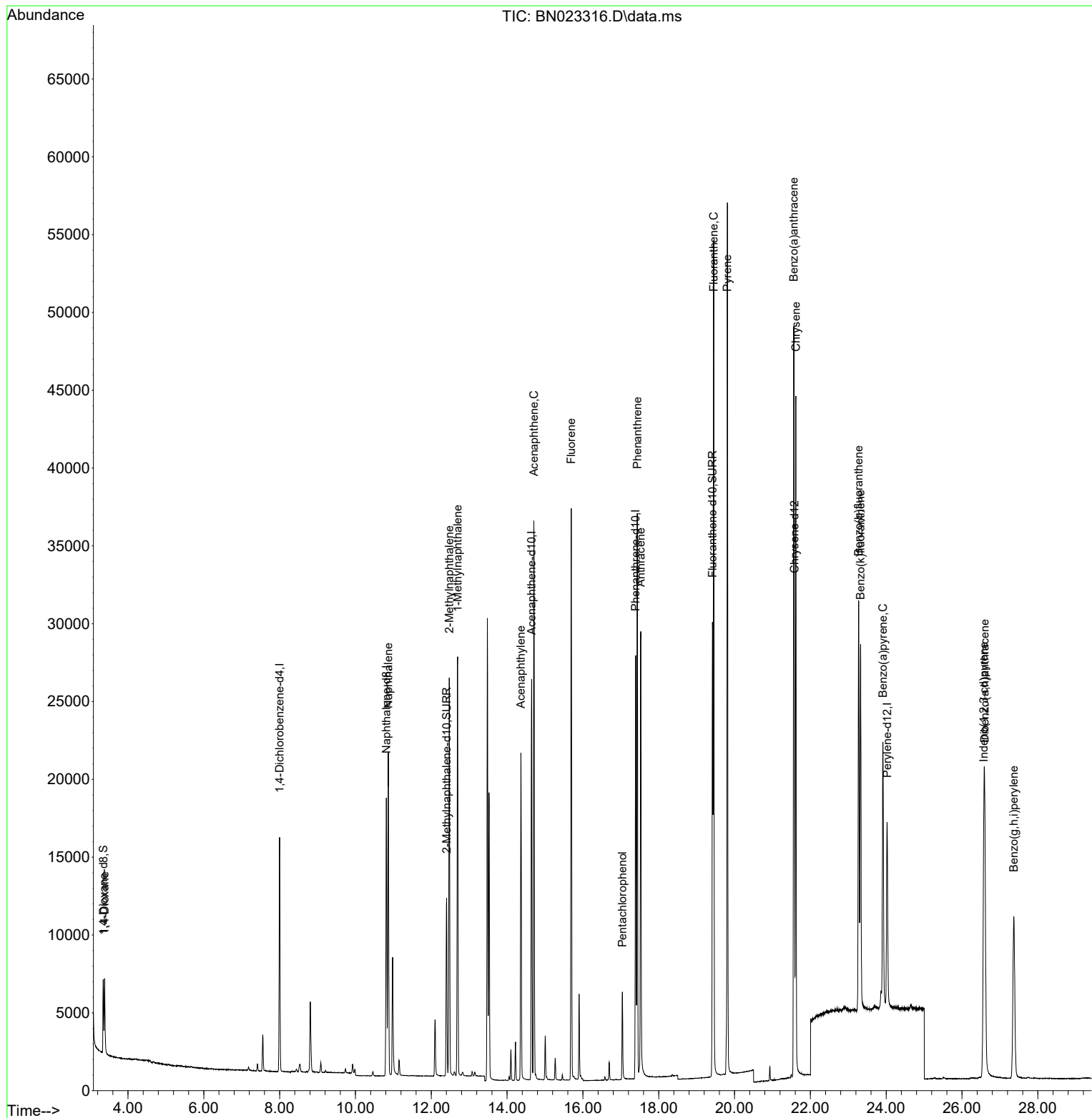
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	13592	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	29893	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	22334	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	17132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	3131	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	14487	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	32032	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	3307	0.401	ng/ul	97
5) Naphthalene	10.865	128	27184	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.476	142	17533	0.398	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	18132	0.400	ng/ul	100
10) Acenaphthylene	14.364	152	24145	0.401	ng/ul	100
11) Acenaphthene	14.706	153	20090	0.396	ng/ul	99
12) Fluorene	15.692	166	22588	0.396	ng/ul	99
14) Pentachlorophenol	17.040	266	3602	0.434	ng/ul	99
15) Phenanthrene	17.433	178	37859	0.389	ng/ul	100
16) Anthracene	17.526	178	32099	0.398	ng/ul	100
19) Fluoranthene	19.449	202	44519	0.411	ng/ul	100
20) Pyrene	19.811	202	45309	0.415	ng/ul	98
21) Benzo(a)anthracene	21.561	228	38441	0.442	ng/ul	100
22) Chrysene	21.617	228	38141	0.431	ng/ul	100
24) Benzo(b)fluoranthene	23.274	252	33274	0.376	ng/ul	99
25) Benzo(k)fluoranthene	23.324	252	32459	0.390	ng/ul	99
26) Benzo(a)pyrene	23.914	252	26637	0.380	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.574	276	29123	0.356	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.598	278	23302	0.367	ng/ul	99
29) Benzo(g,h,i)perylene	27.366	276	24567	0.368	ng/ul	99

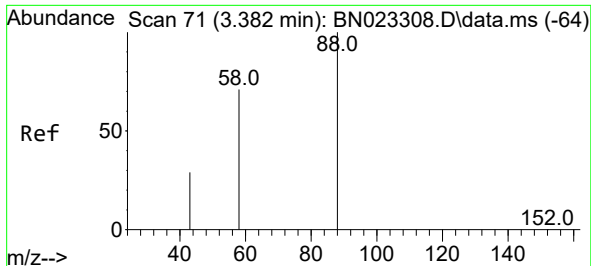
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023316.D
Acq On : 21 Dec 2022 16:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

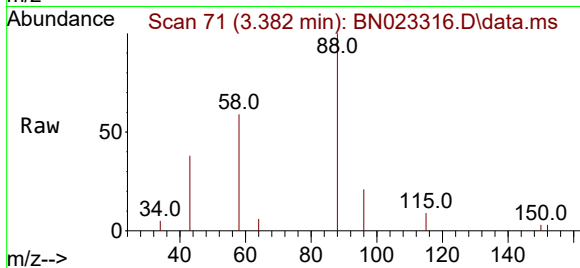
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



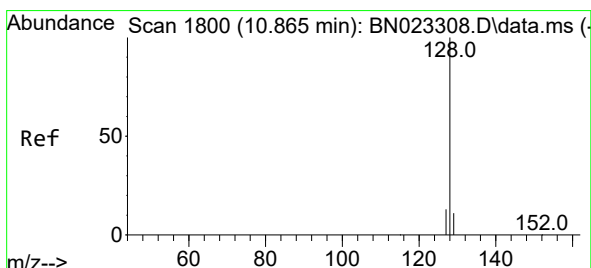
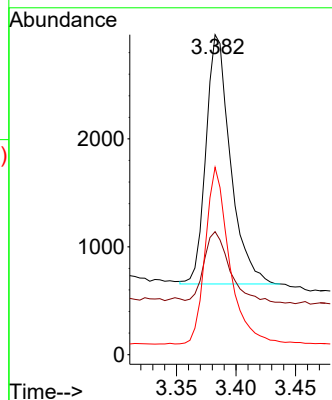
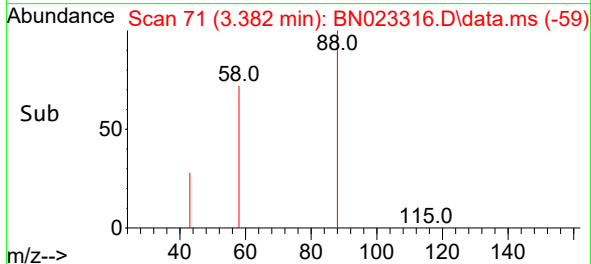


#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Instrument :
BNA_N
ClientSampleId :

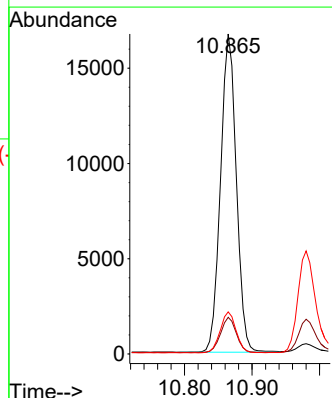
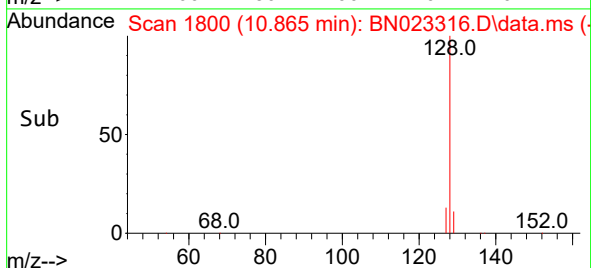
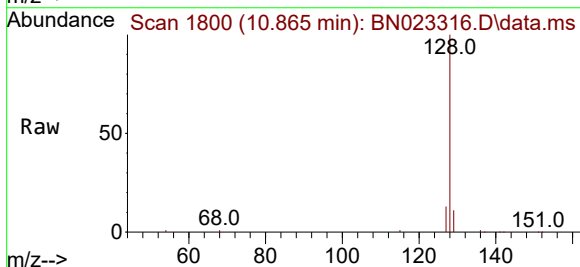


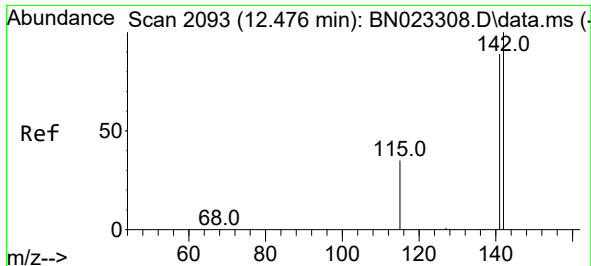
Tgt Ion: 88 Resp: 3307
Ion Ratio Lower Upper
88 100
43 38.5 28.4 42.6
58 58.6 45.6 68.4



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Tgt Ion: 128 Resp: 27184
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.2 10.7 16.1

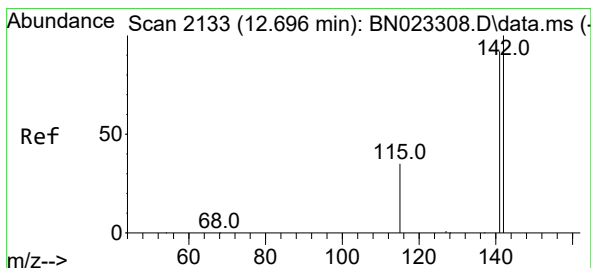
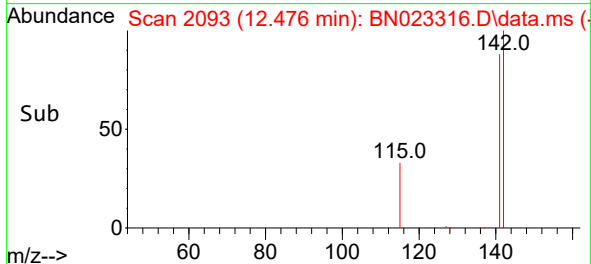
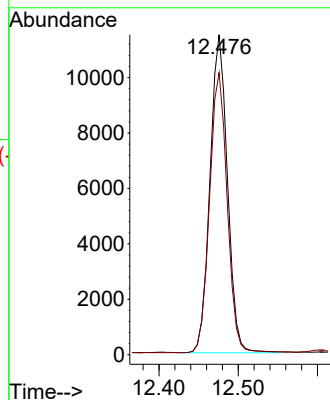
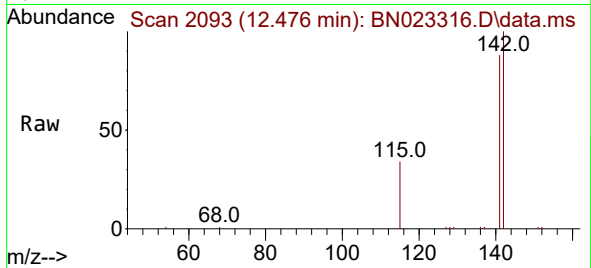




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

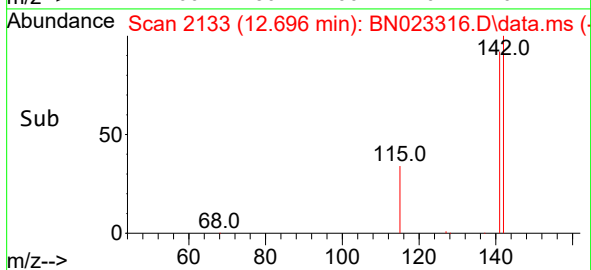
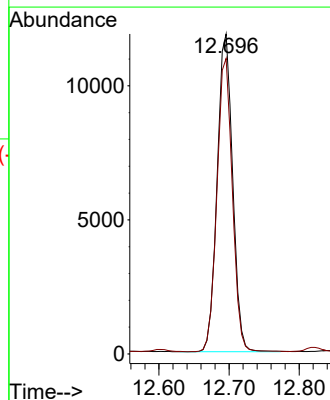
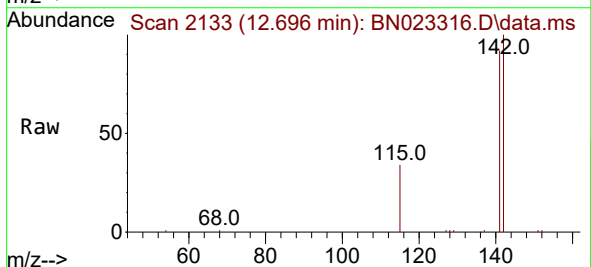
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BNA_N
ClientSampleId :

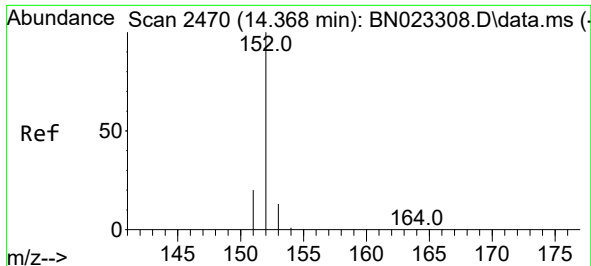
Tgt Ion:142 Resp: 17533
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

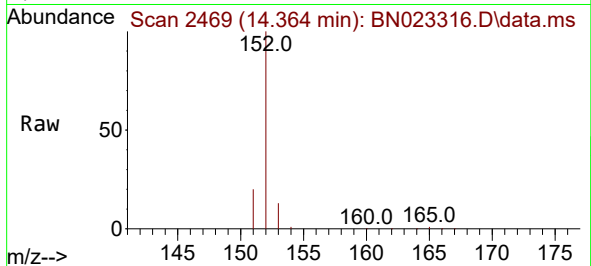
Tgt Ion:142 Resp: 18132
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0



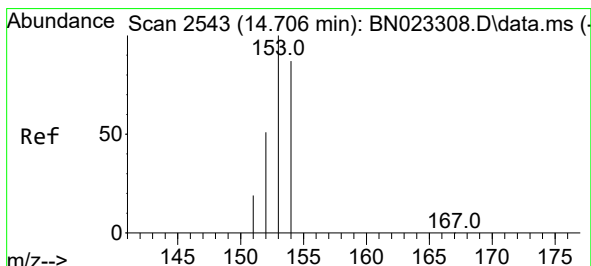
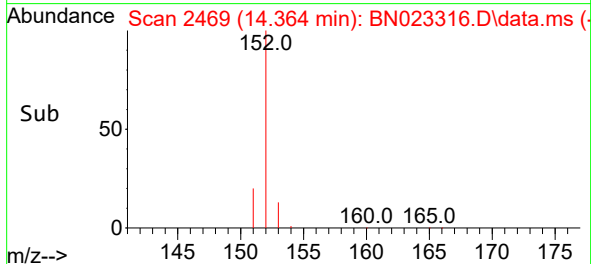
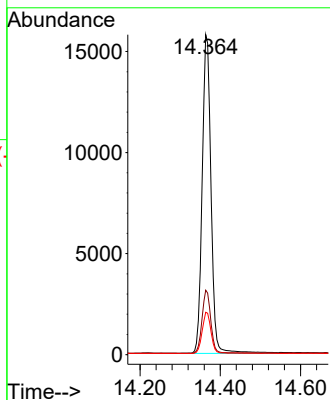


#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.364 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Instrument :
BNA_N
ClientSampleId :

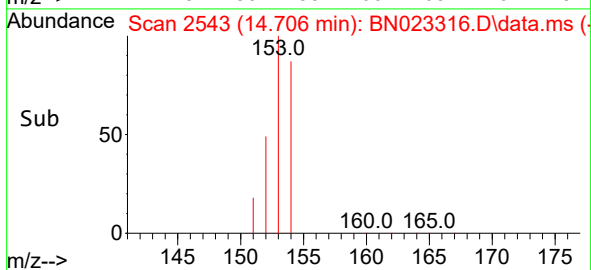
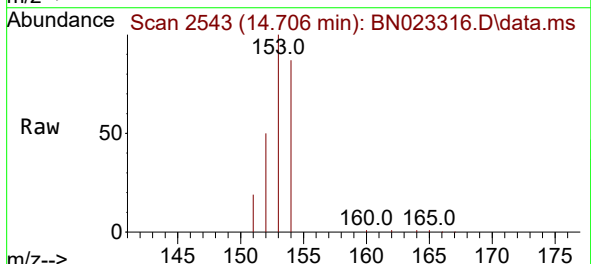
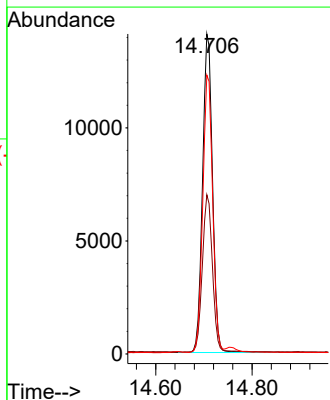


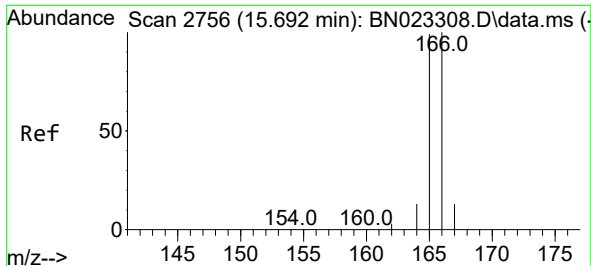
Tgt Ion:152 Resp: 24145
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.706 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

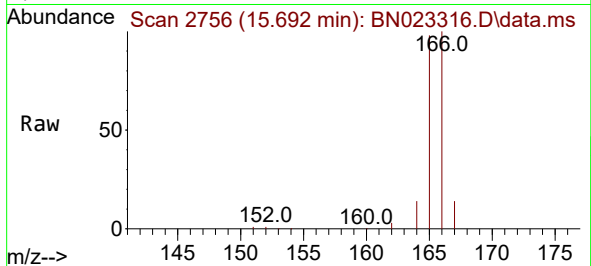
Tgt Ion:153 Resp: 20090
Ion Ratio Lower Upper
153 100
152 49.7 41.0 61.4
154 87.2 69.5 104.3



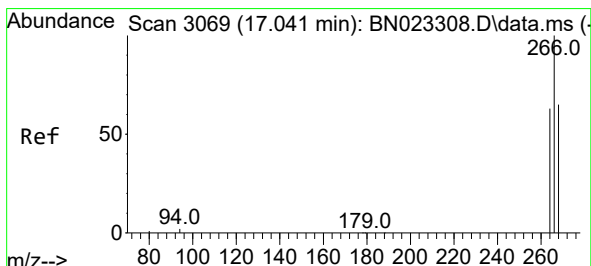
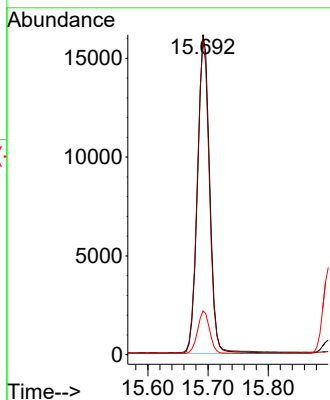
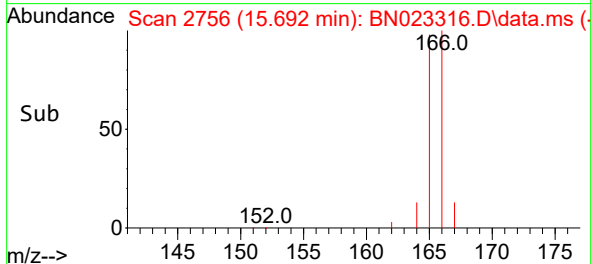


#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023316.D
 Acq: 21 Dec 2022 16:48

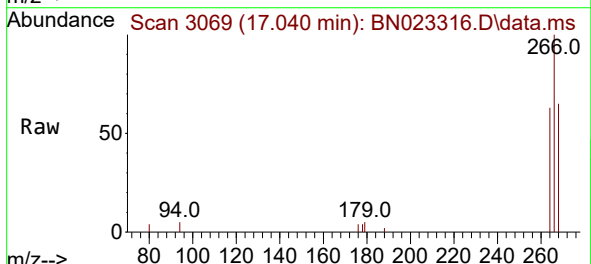
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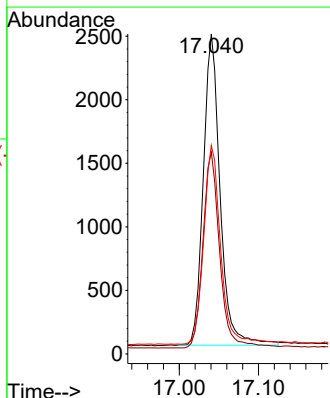
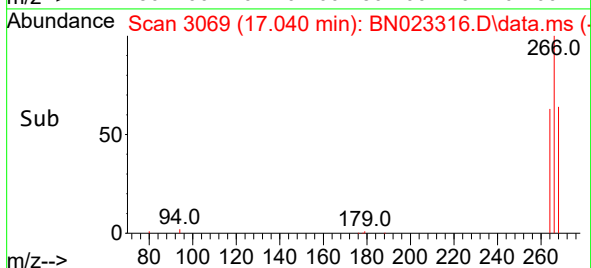
Tgt Ion:166 Resp: 22588
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.7 11.0 16.4

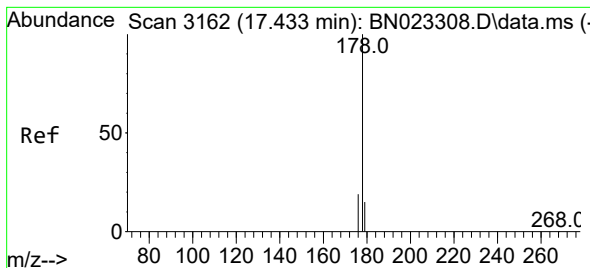


#14
 Pentachlorophenol
 Concen: 0.434 ng/ul
 RT: 17.040 min Scan# 3069
 Delta R.T. -0.000 min
 Lab File: BN023316.D
 Acq: 21 Dec 2022 16:48



Tgt Ion:266 Resp: 3602
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.8 74.6
 268 64.5 51.4 77.0





#15

Phenanthrene

Concen: 0.389 ng/ul

RT: 17.433 min Scan# 3162

Delta R.T. -0.000 min

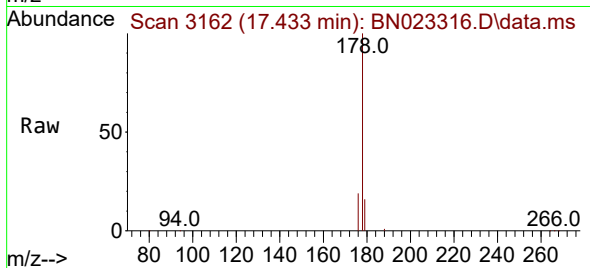
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Instrument :

BNA_N

ClientSampleId :



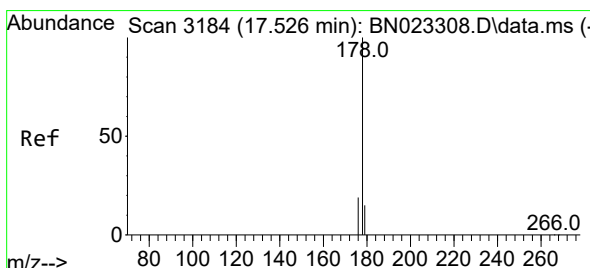
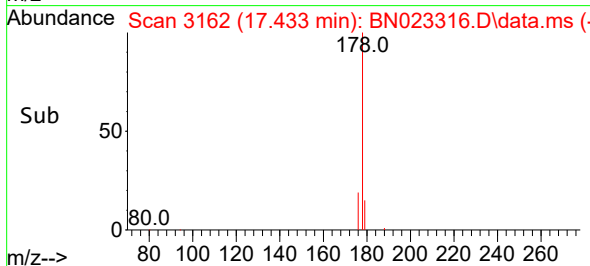
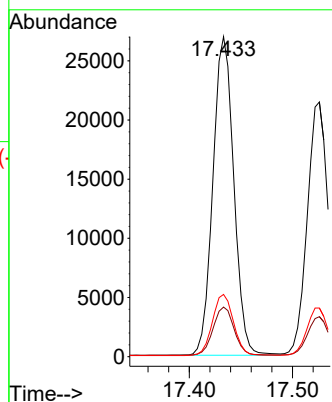
Tgt Ion:178 Resp: 37859

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.4 15.7 23.5



#16

Anthracene

Concen: 0.398 ng/ul

RT: 17.526 min Scan# 3184

Delta R.T. -0.000 min

Lab File: BN023316.D

Acq: 21 Dec 2022 16:48

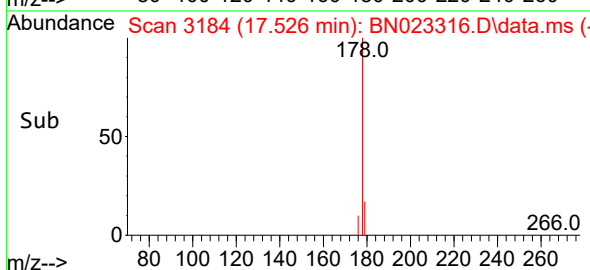
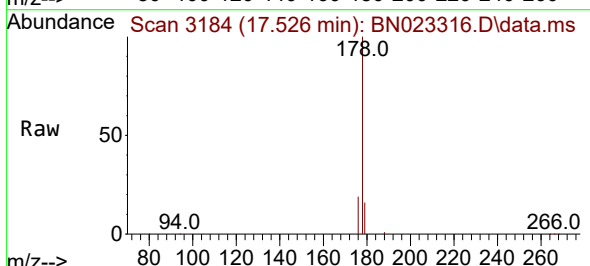
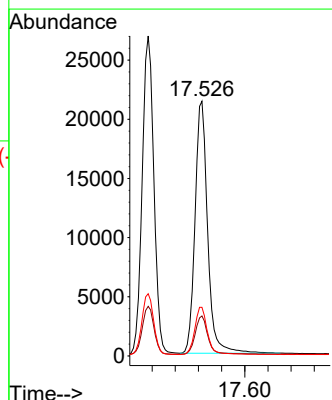
Tgt Ion:178 Resp: 32099

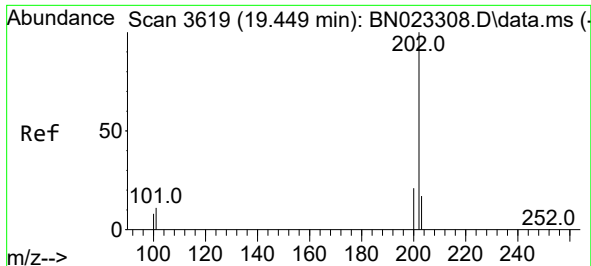
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

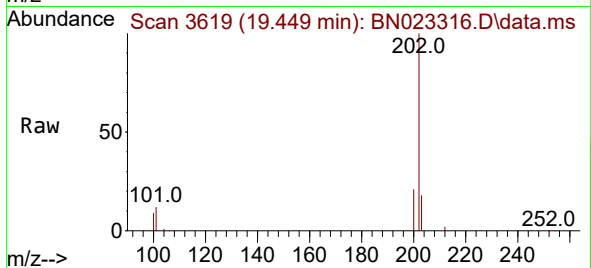
176 19.1 15.4 23.0



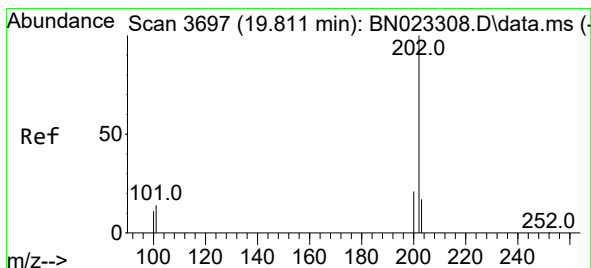
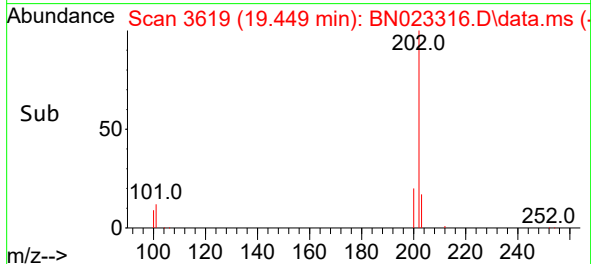
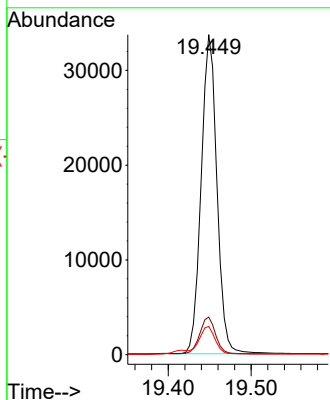


#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Instrument :
BNA_N
ClientSampleId :

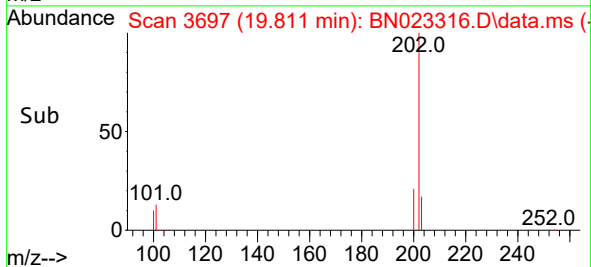
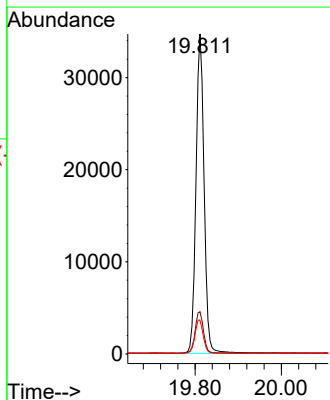
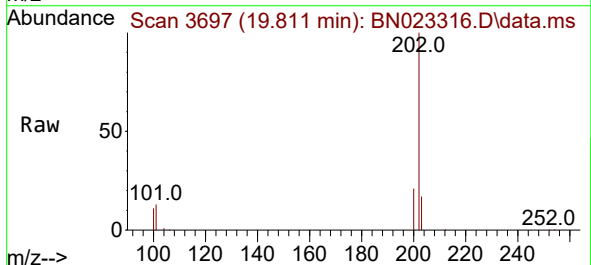


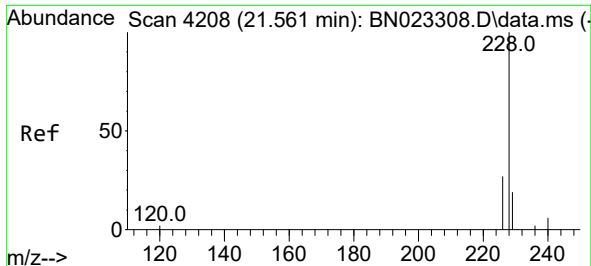
Tgt Ion:202 Resp: 44519
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.8 7.0 10.6



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

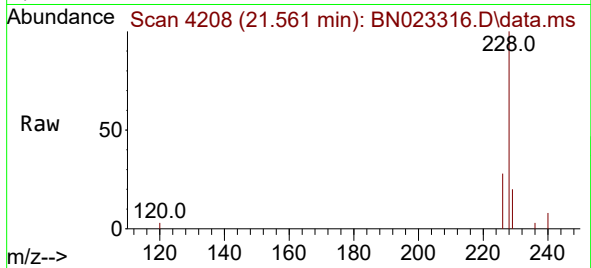
Tgt Ion:202 Resp: 45309
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 10.6 9.0 13.4



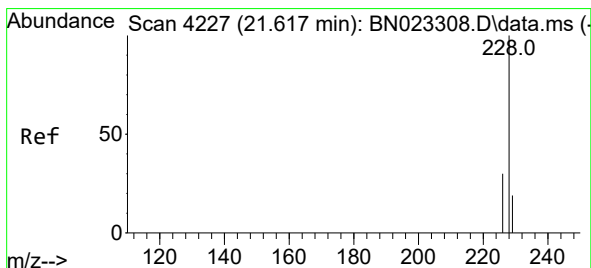
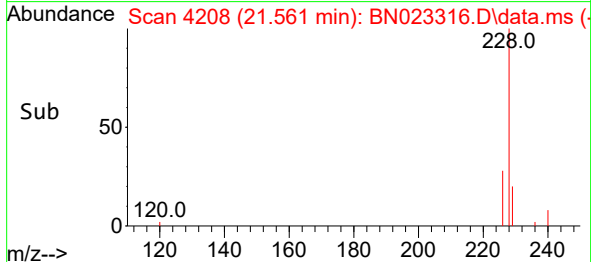
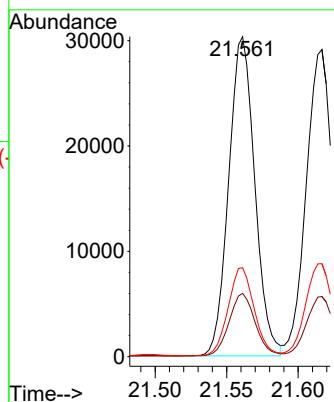


#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Instrument :
BNA_N
ClientSampleId :

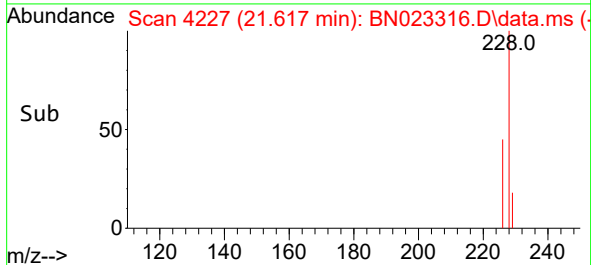
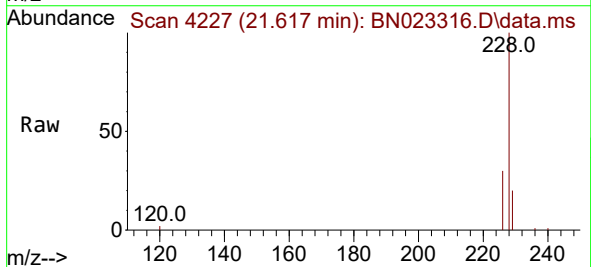
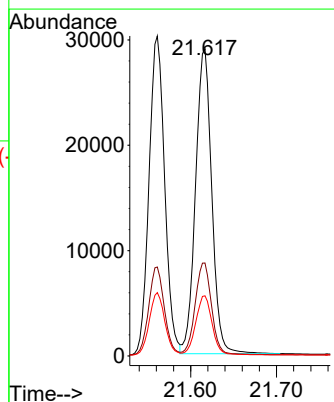


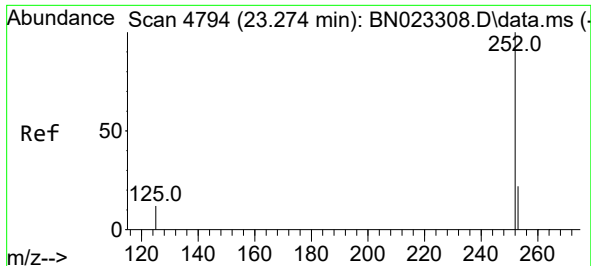
Tgt Ion:228 Resp: 38441
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

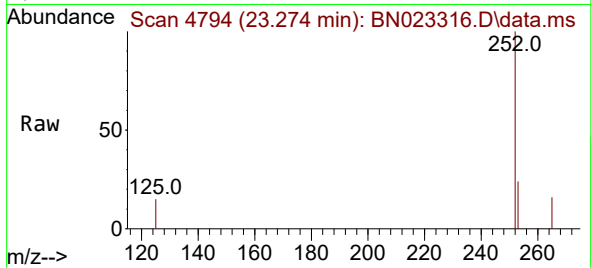
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Ion Ratio Lower Upper
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226 30.2 24.3 36.5
229 19.6 15.8 23.6



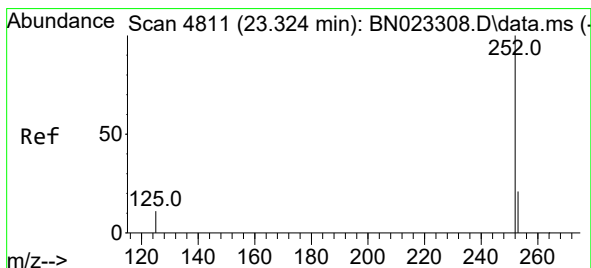
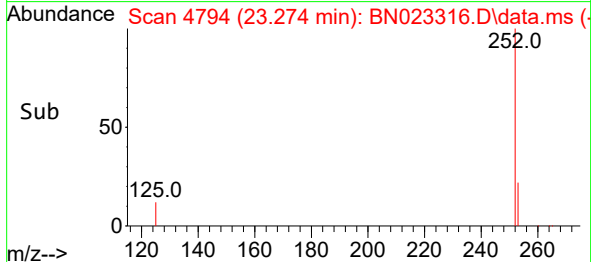
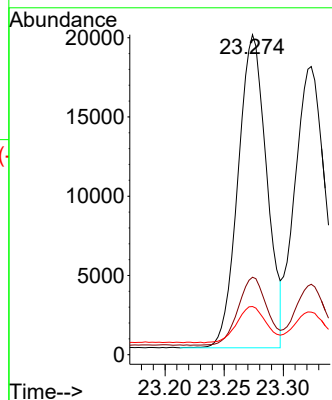


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Instrument :
BNA_N
ClientSampleId :

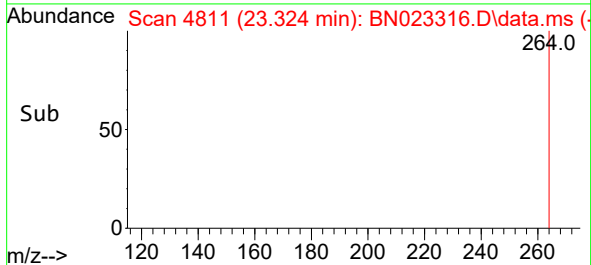
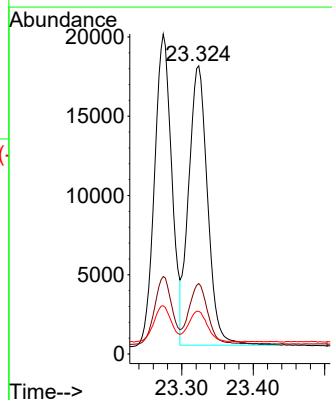
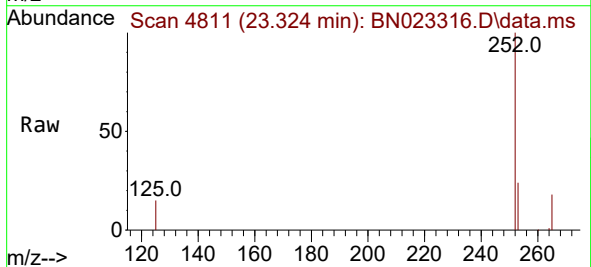


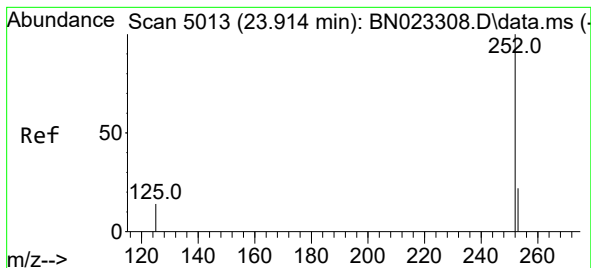
Tgt Ion:252 Resp: 33274
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.2
125 15.0 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. -0.000 min
Lab File: BN023316.D
Acq: 21 Dec 2022 16:48

Tgt Ion:252 Resp: 32459
Ion Ratio Lower Upper
252 100
253 24.5 19.8 29.6
125 14.8 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.914 min Scan# 5013

Delta R.T. -0.000 min

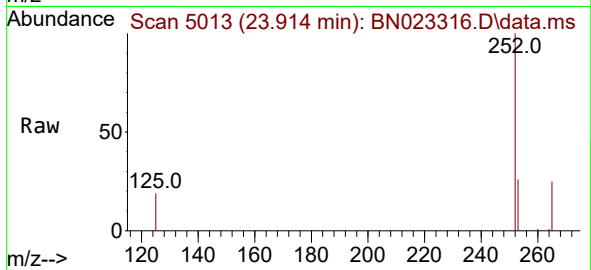
Lab File: BN023316.D

Acq: 21 Dec 2022 16:48

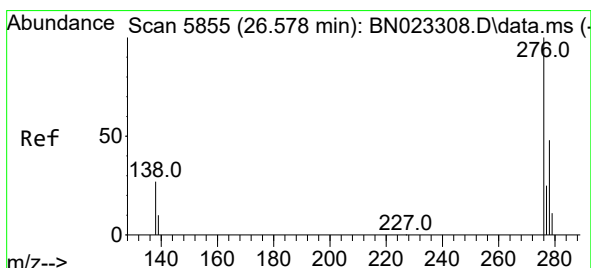
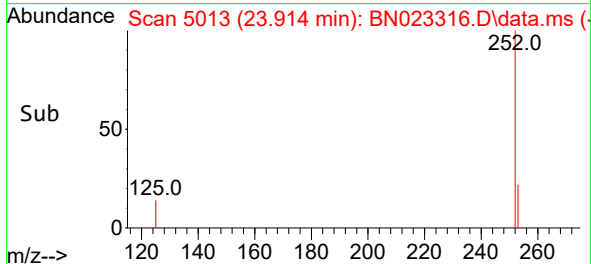
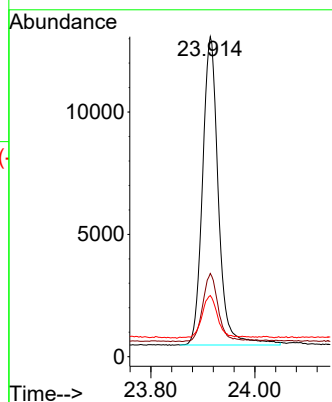
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	252	Resp:	26637
Ion Ratio	Lower	Upper	
252	100		
253	26.0	21.4	32.2
125	19.1	16.2	24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

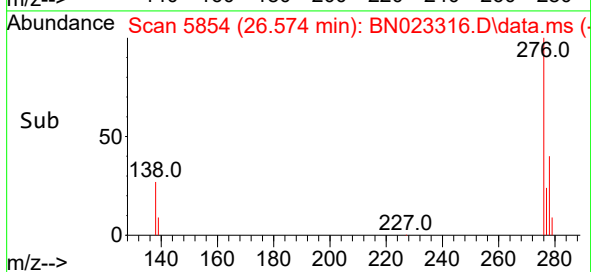
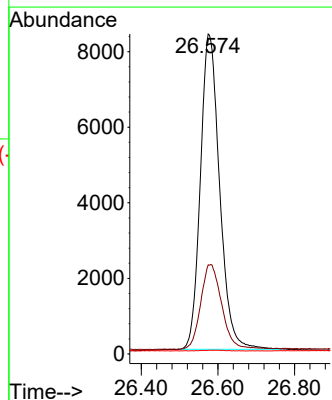
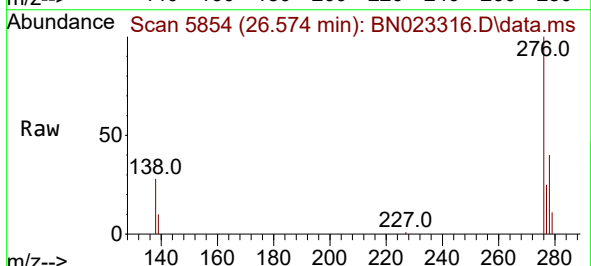
RT: 26.574 min Scan# 5854

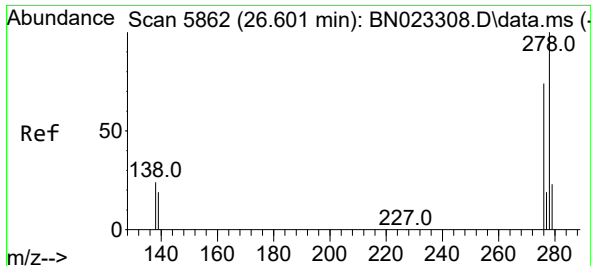
Delta R.T. -0.003 min

Lab File: BN023316.D

Acq: 21 Dec 2022 16:48

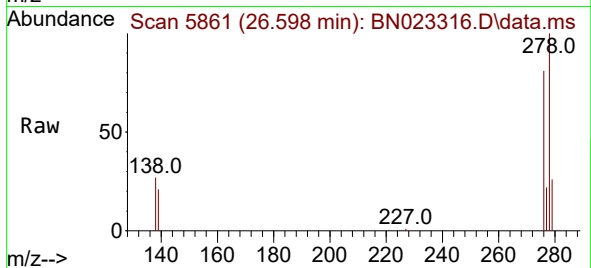
Tgt Ion:	276	Resp:	29123
Ion Ratio	Lower	Upper	
276	100		
138	29.7	23.4	35.2
227	0.1	0.0	0.0



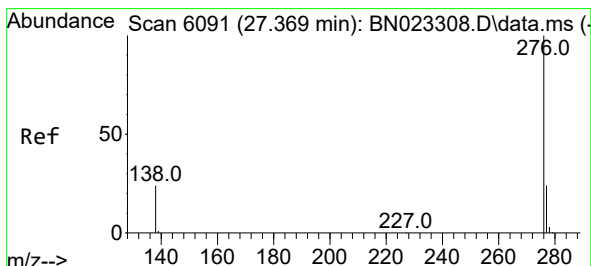
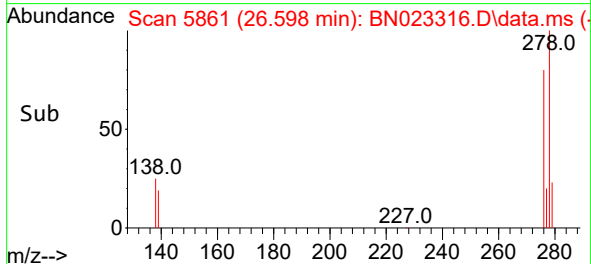
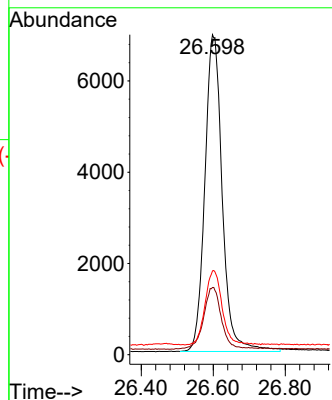


#28
 Dibenzo(a,h)anthracene
 Concen: 0.367 ng/ul
 RT: 26.598 min Scan# 5861
 Delta R.T. -0.003 min
 Lab File: BN023316.D
 Acq: 21 Dec 2022 16:48

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 23302
 Ion Ratio Lower Upper
 278 100
 139 21.0 16.6 24.8
 279 26.2 21.3 31.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.368 ng/ul
 RT: 27.366 min Scan# 6090
 Delta R.T. -0.003 min
 Lab File: BN023316.D
 Acq: 21 Dec 2022 16:48

Tgt Ion:276 Resp: 24567
 Ion Ratio Lower Upper
 276 100
 138 26.2 20.3 30.5
 277 24.9 19.7 29.5

