

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023305.D
 Acq On : 21 Dec 2022 08:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 21 11:39:23 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 : Wed Dec 21 11:38:20 2022
 Response via : Initial Calibration

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

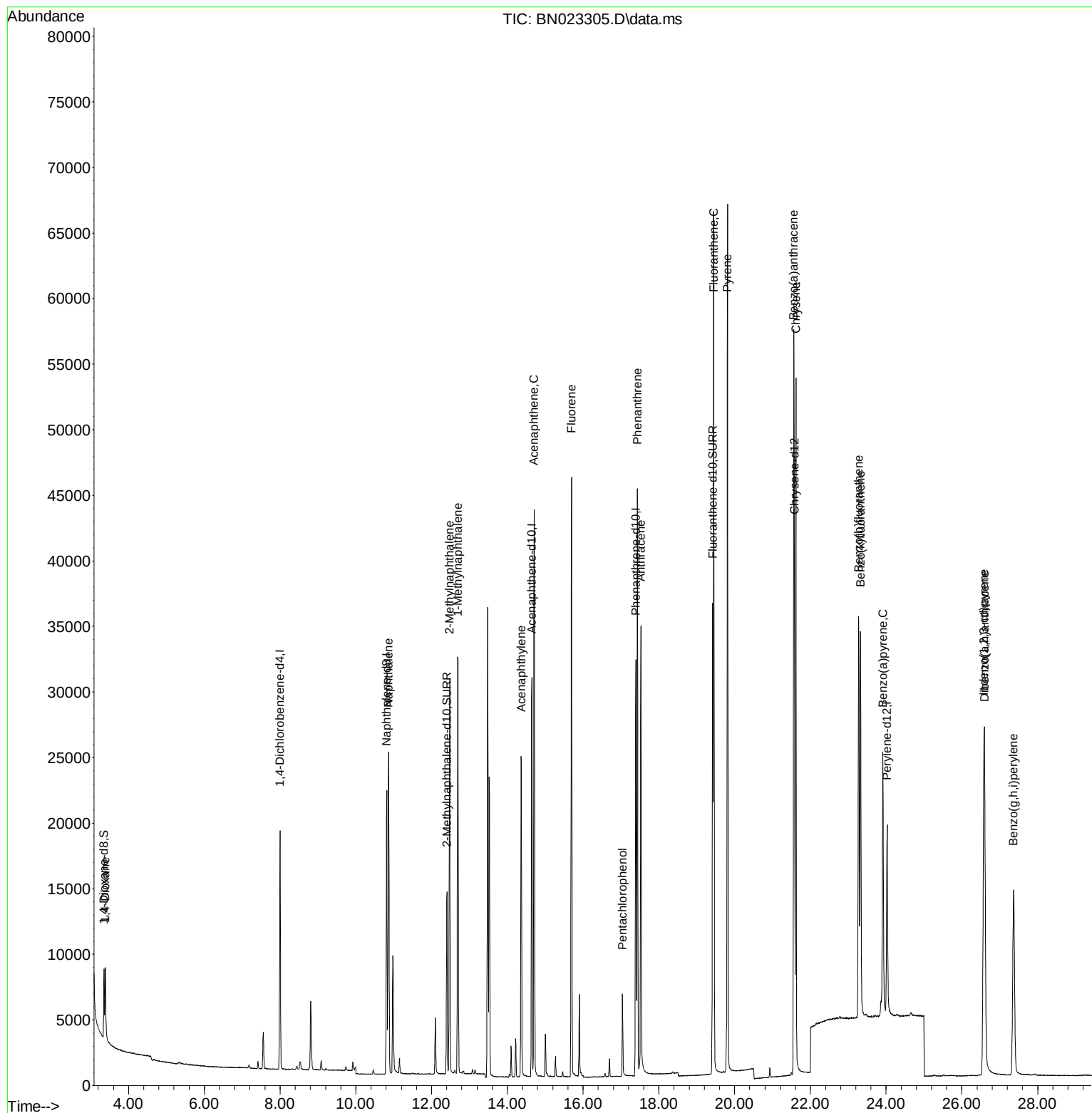
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	8791	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	27930	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	16020	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	35864	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	26900	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	20378	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.353	96	3788	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	17285	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	38417	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	4131	0.375	ng/ul#	83
5) Naphthalene	10.865	128	32530	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	20961	0.396	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	21573	0.400	ng/ul	100
10) Acenaphthylene	14.364	152	28373	0.359	ng/ul	100
11) Acenaphthene	14.706	153	23773	0.380	ng/ul	100
12) Fluorene	15.692	166	27051	0.382	ng/ul	99
14) Pentachlorophenol	17.041	266	4051	0.540	ng/ul	99
15) Phenanthrene	17.433	178	45760	0.372	ng/ul	100
16) Anthracene	17.526	178	38266	0.362	ng/ul	99
19) Fluoranthene	19.449	202	53539	0.385	ng/ul	100
20) Pyrene	19.811	202	54395	0.399	ng/ul	100
21) Benzo(a)anthracene	21.561	228	45330	0.441	ng/ul	100
22) Chrysene	21.617	228	45847	0.407	ng/ul	100
24) Benzo(b)fluoranthene	23.274	252	41203	0.399	ng/ul	98
25) Benzo(k)fluoranthene	23.324	252	39370	0.361	ng/ul	98
26) Benzo(a)pyrene	23.914	252	32320	0.411	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.581	276	38514	0.412	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.598	278	30118	0.406	ng/ul	99
29) Benzo(g,h,i)perylene	27.366	276	32756	0.402	ng/ul	98

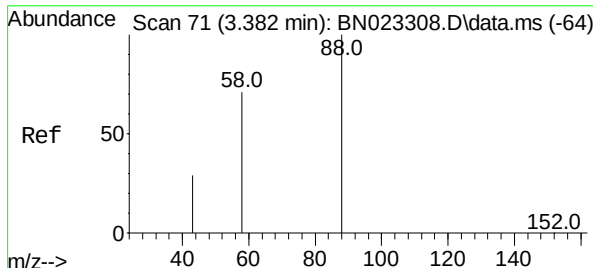
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023305.D
Acq On : 21 Dec 2022 08:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 21 11:39:23 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 : Wed Dec 21 11:38:20 2022
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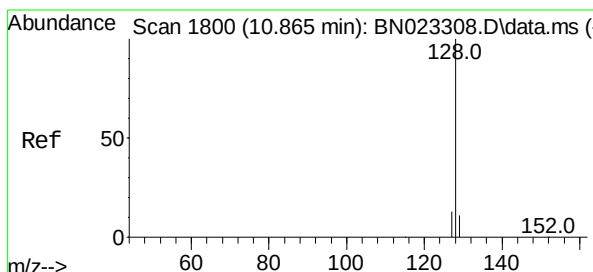
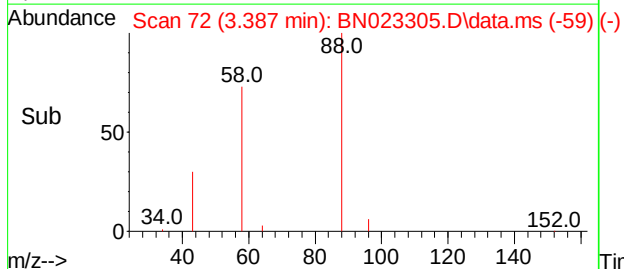
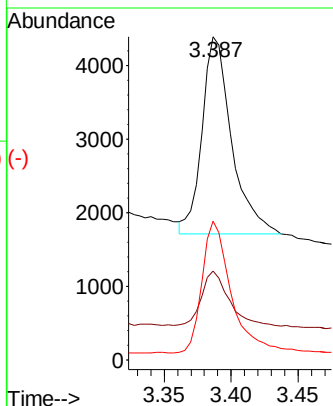
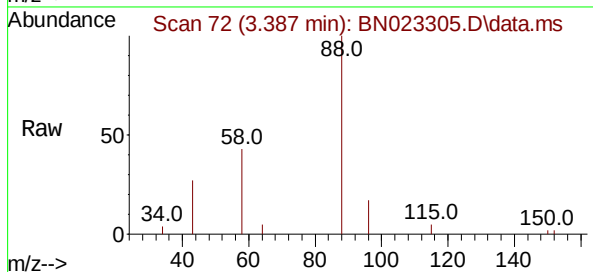




1,4-Dioxane
 Concen: 0.375 ng/ul
 RT: 3.387 min Scan#
 Delta R.T. 0.004 min
 Lab File: BN023305.D
 Acq: 21 Dec 2022 08:57

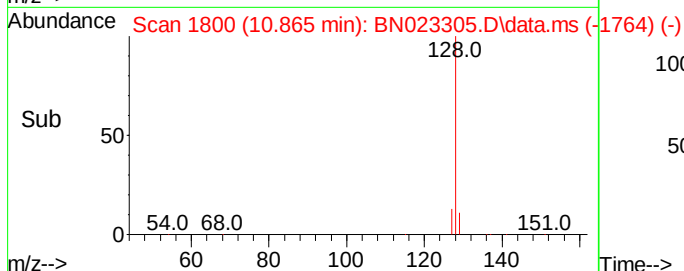
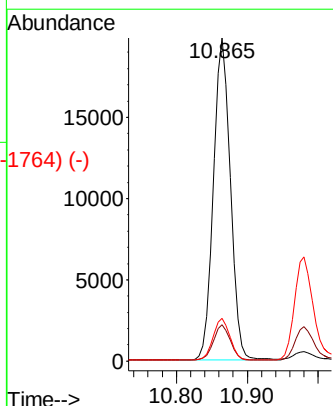
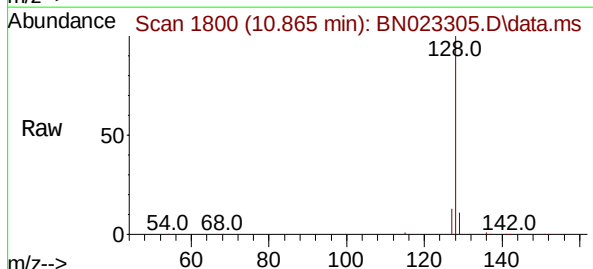
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 88 Resp: 4131
 Ion Ratio Lower Upper
 88 100
 43 27.5 28.4 42.6#
 58 43.0 45.6 68.4#

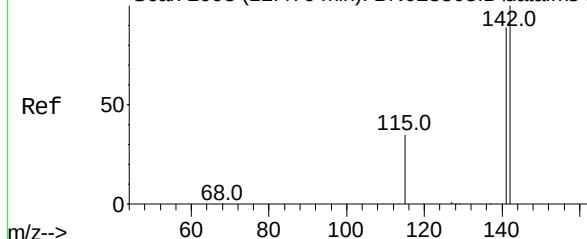


Naphthalene
 Concen: 0.384 ng/ul
 RT: 10.865 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: BN023305.D
 Acq: 21 Dec 2022 08:57

Tgt Ion: 128 Resp: 32530
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.4
 127 13.2 10.7 16.1



Abundance Scan 2093 (12.476 min): BN023308.D\data.ms (-2075) (-)

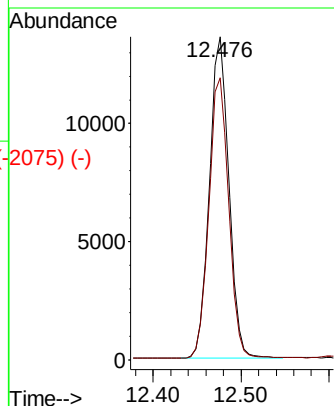
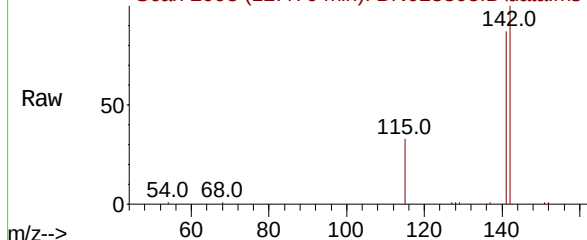


2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

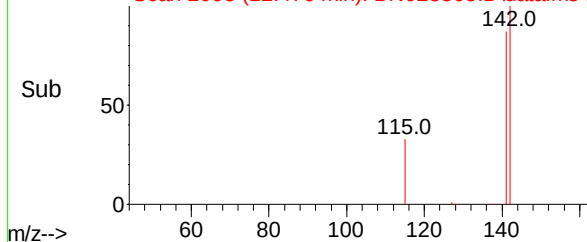
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 20961
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2

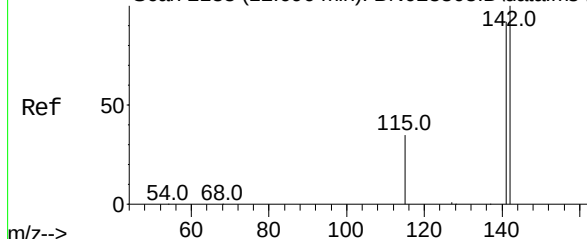
Abundance Scan 2093 (12.476 min): BN023305.D\data.ms



Abundance Scan 2093 (12.476 min): BN023305.D\data.ms (-2075) (-)



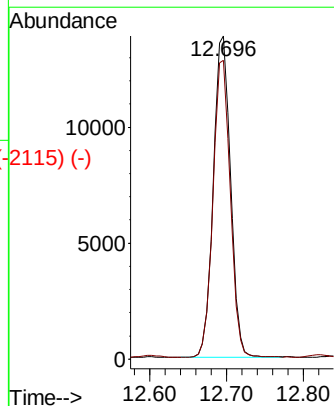
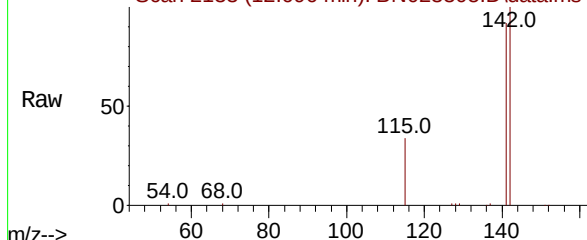
Abundance Scan 2133 (12.696 min): BN023308.D\data.ms (-2112) (-)



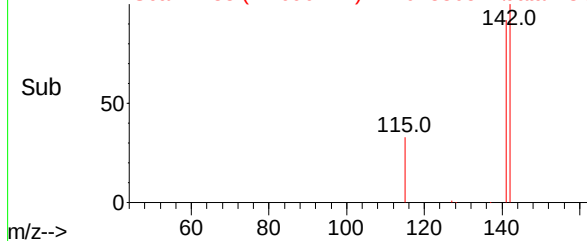
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Tgt Ion:142 Resp: 21573
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

Abundance Scan 2133 (12.696 min): BN023305.D\data.ms



Abundance Scan 2133 (12.696 min): BN023305.D\data.ms (-2115) (-)



Abundance Scan 2470 (14.368 min): BN023308.D\data.ms (-2410) (-)

Acenaphthylene

Concen: 0.359 ng/ul

RT: 14.364 min Scan# 2469

Delta R.T. -0.005 min

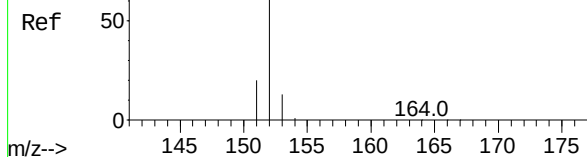
Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

Instrument :

BNA_N

ClientSampleId :



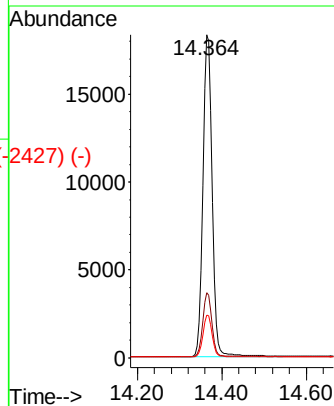
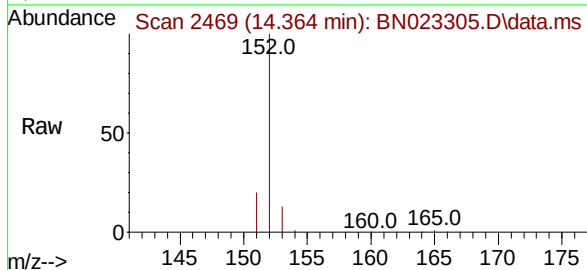
Tgt Ion:152 Resp: 28373

Ion Ratio Lower Upper

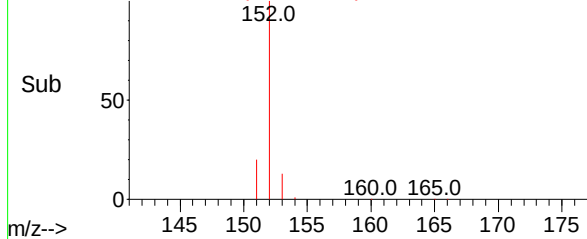
152 100

151 20.2 16.1 24.1

153 13.2 10.9 16.3



Abundance Scan 2469 (14.364 min): BN023305.D\data.ms (-2427) (-)



Abundance Scan 2543 (14.706 min): BN023308.D\data.ms (-2511) (-)

Acenaphthene

Concen: 0.380 ng/ul

RT: 14.706 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

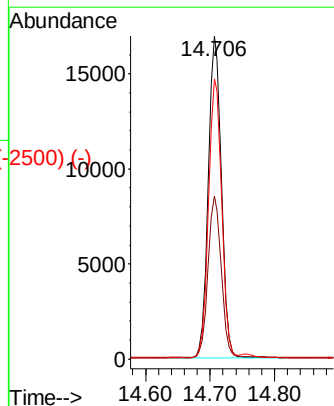
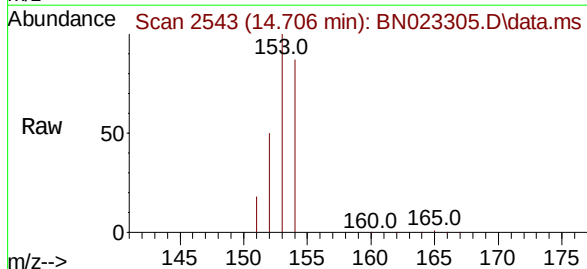
Tgt Ion:153 Resp: 23773

Ion Ratio Lower Upper

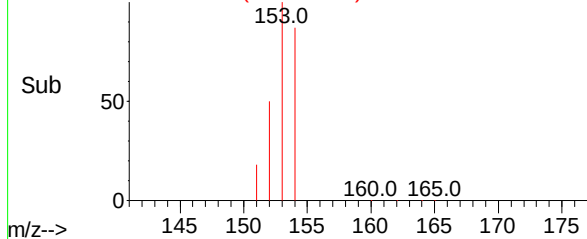
153 100

152 50.5 41.0 61.4

154 86.8 69.5 104.3



Abundance Scan 2543 (14.706 min): BN023305.D\data.ms (-2500) (-)



Abundance Scan 2756 (15.692 min): BN023308.D\data.ms (-2734) (-)

Fluorene

Concen: 0.382 ng/ul

RT: 15.692 min Scan# 3069

Delta R.T. 0.000 min

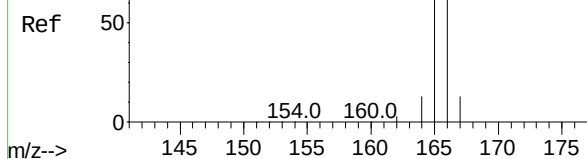
Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

Instrument :

BNA_N

ClientSampleId :



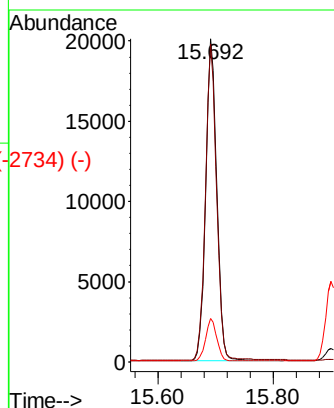
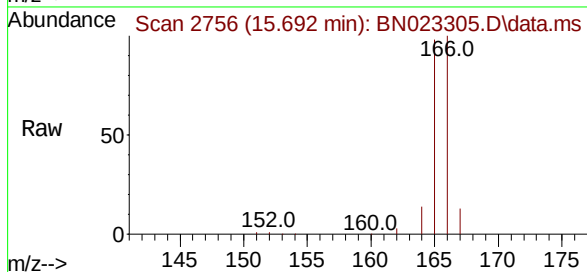
Tgt Ion:166 Resp: 27051

Ion Ratio Lower Upper

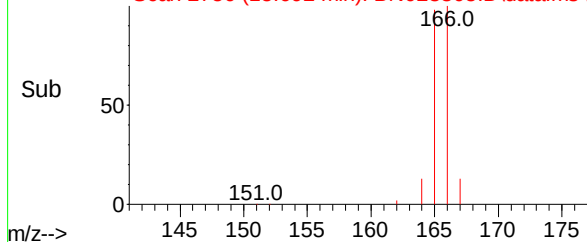
166 100

165 98.4 79.1 118.7

167 13.5 11.0 16.4



Abundance Scan 2756 (15.692 min): BN023305.D\data.ms (-2734) (-)



Abundance Scan 3069 (17.041 min): BN023308.D\data.ms (-3039) (-)

Pentachlorophenol

Concen: 0.540 ng/ul

RT: 17.041 min Scan# 3069

Delta R.T. 0.000 min

Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

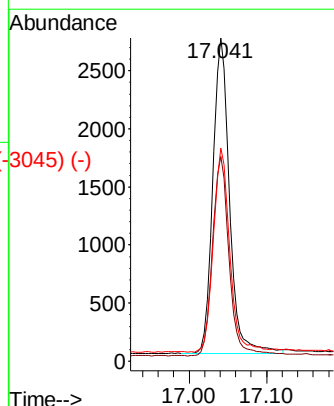
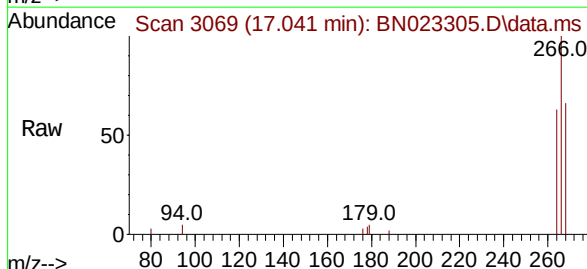
Tgt Ion:266 Resp: 4051

Ion Ratio Lower Upper

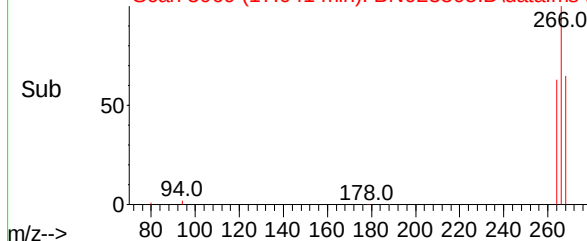
266 100

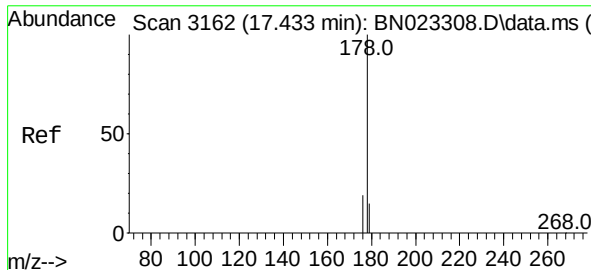
264 62.8 49.8 74.6

268 64.4 51.4 77.0



Abundance Scan 3069 (17.041 min): BN023305.D\data.ms (-3045) (-)

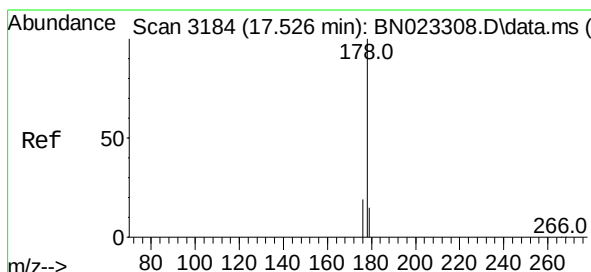
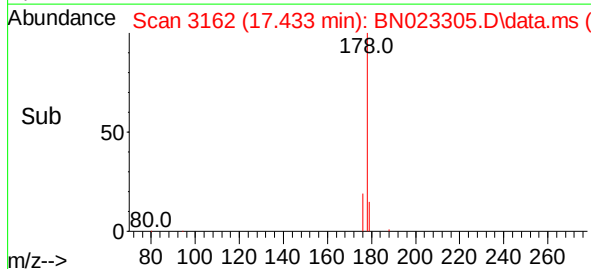
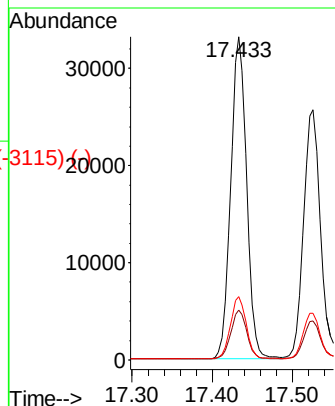
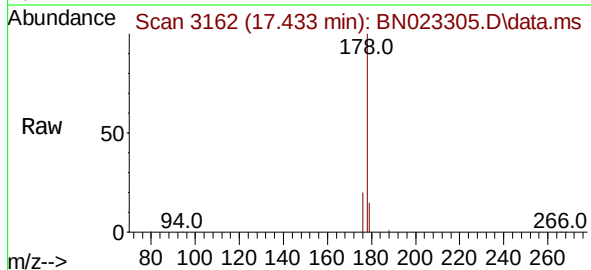




Phenanthrene
Concen: 0.372 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

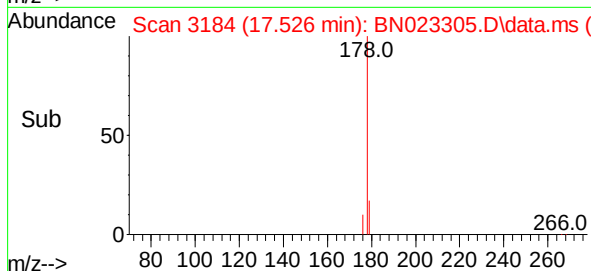
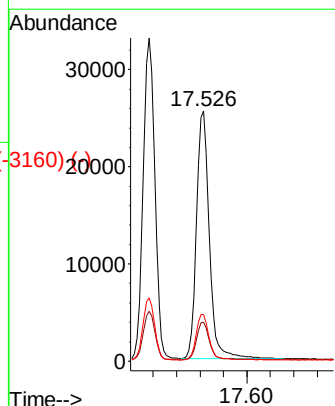
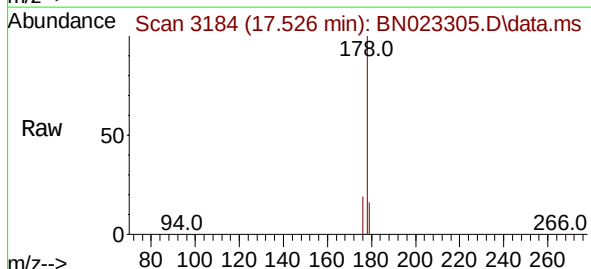
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 45760
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.5 15.7 23.5

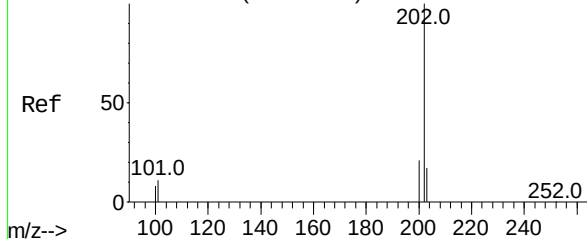


Anthracene
Concen: 0.362 ng/ul
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Tgt Ion:178 Resp: 38266
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.8 15.4 23.0



Abundance Scan 3619 (19.449 min): BN023308.D\data.ms (-3619) (-)



Fluoranthene

Concen: 0.385 ng/ul

RT: 19.449 min Scan#

Delta R.T. 0.000 min

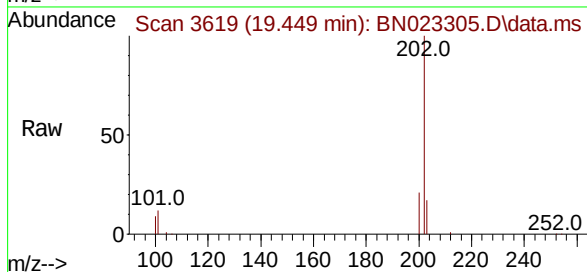
Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

Instrument :

BNA_N

ClientSampleId :



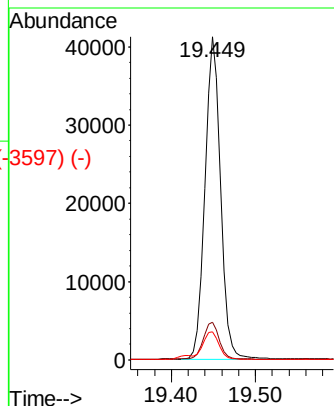
Tgt Ion:202 Resp: 53539

Ion Ratio Lower Upper

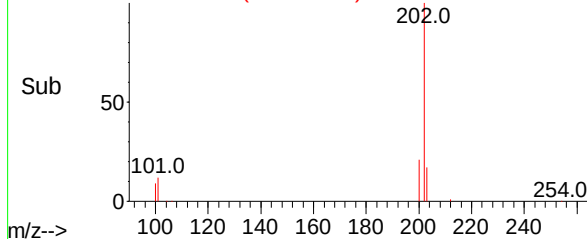
202 100

101 11.7 9.4 14.2

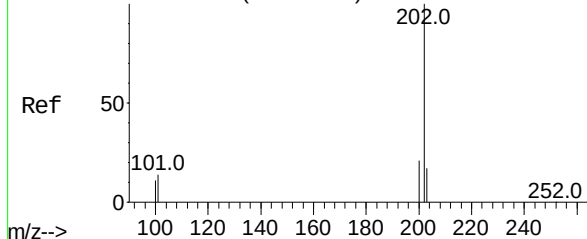
100 8.8 7.0 10.6



Abundance Scan 3619 (19.449 min): BN023305.D\data.ms (-3597) (-)



Abundance Scan 3697 (19.811 min): BN023308.D\data.ms (-3629) (-)



Pyrene

Concen: 0.399 ng/ul

RT: 19.811 min Scan# 3697

Delta R.T. 0.000 min

Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

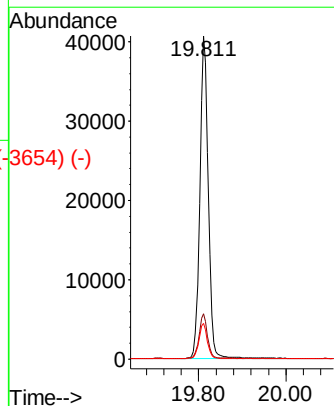
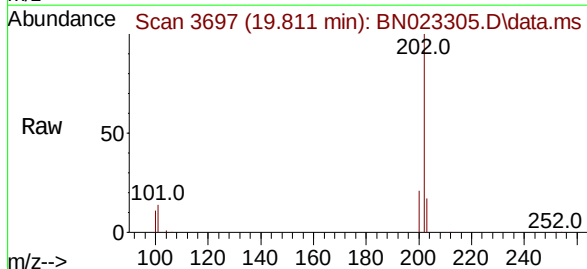
Tgt Ion:202 Resp: 54395

Ion Ratio Lower Upper

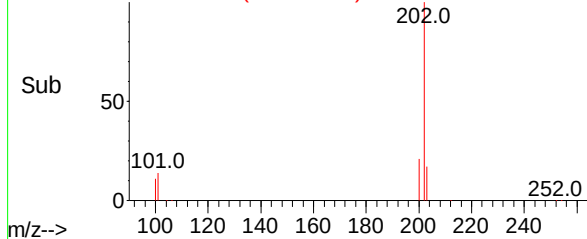
202 100

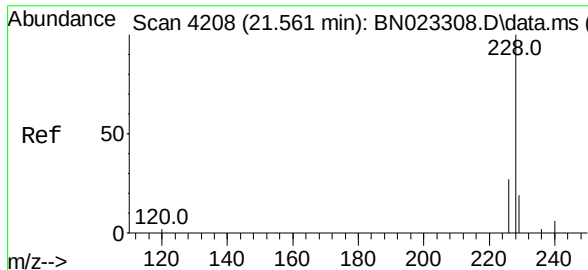
101 14.0 11.3 16.9

100 11.1 9.0 13.4



Abundance Scan 3697 (19.811 min): BN023305.D\data.ms (-3654) (-)

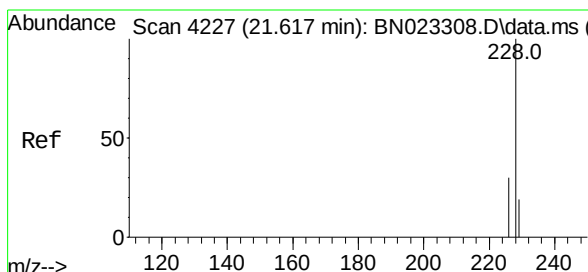
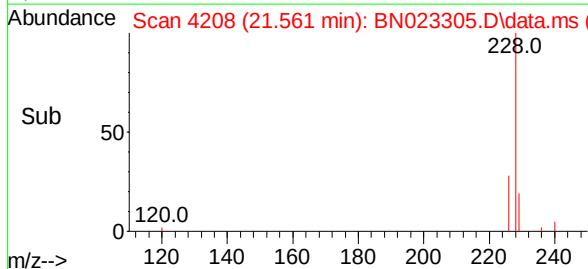
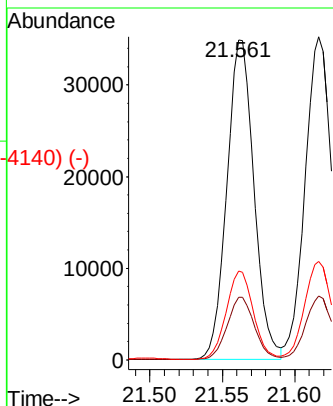
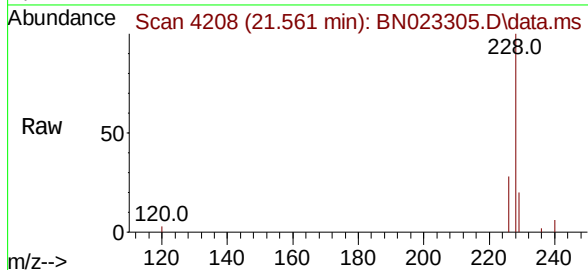




Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.561 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

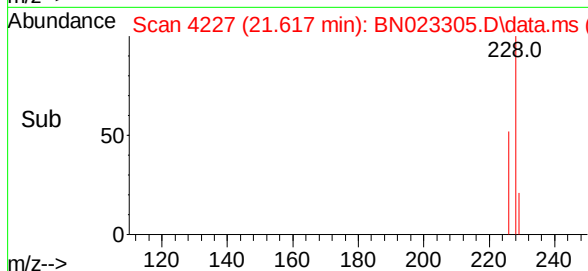
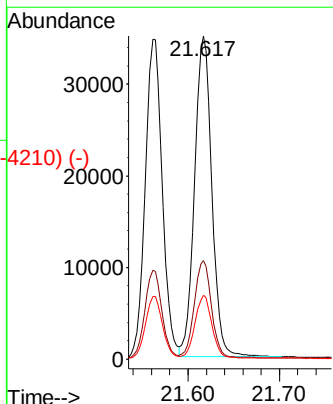
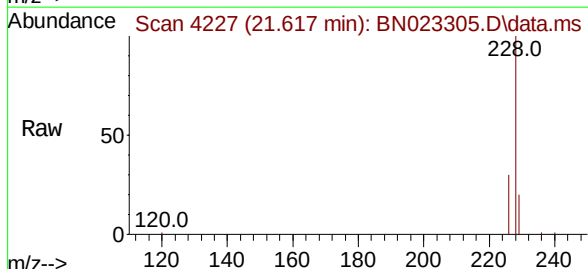
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	228	Resp:	45330
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.8	22.2	33.2

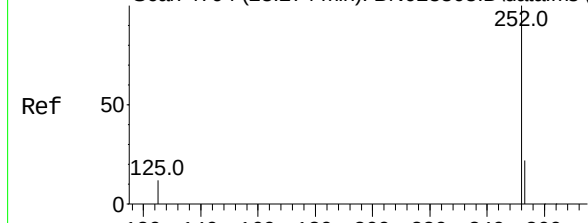


Chrysene
Concen: 0.407 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Tgt Ion:	228	Resp:	45847
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.8	15.8	23.6



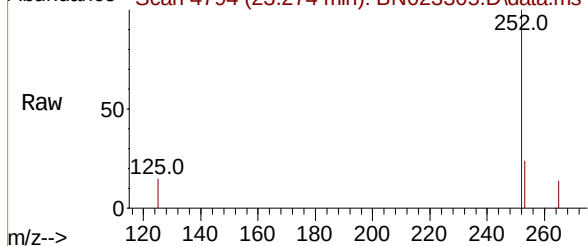
Abundance Scan 4794 (23.274 min): BN023308.D\data.ms (-4724) (-)



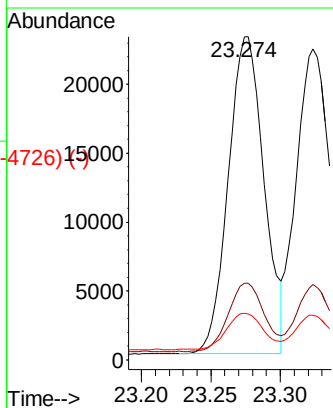
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Instrument :
BNA_N
ClientSampleId :

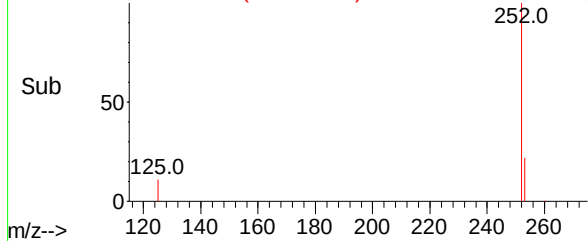
Abundance Scan 4794 (23.274 min): BN023305.D\data.ms



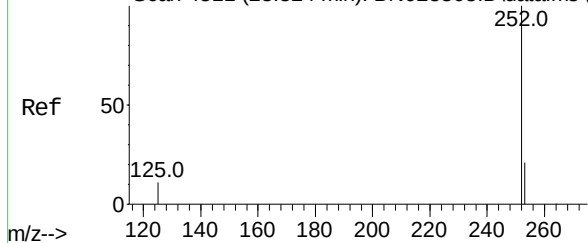
Tgt Ion:252 Resp: 41203
Ion Ratio Lower Upper
252 100
253 23.8 0.0 49.2
125 14.5 0.0 31.8



Abundance Scan 4794 (23.274 min): BN023305.D\data.ms (-4726) (-)



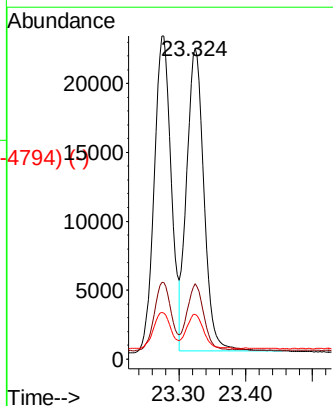
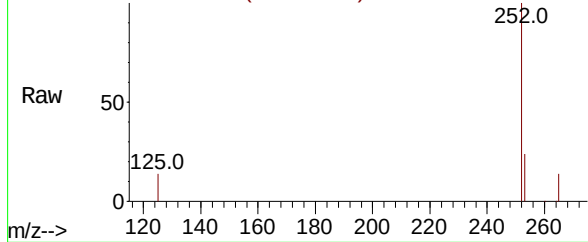
Abundance Scan 4811 (23.324 min): BN023308.D\data.ms (-4825) (-)



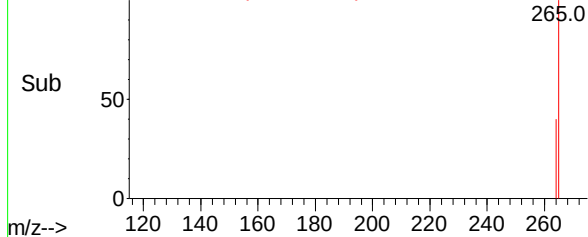
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. 0.000 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Tgt Ion:252 Resp: 39370
Ion Ratio Lower Upper
252 100
253 24.2 19.8 29.6
125 14.3 12.6 18.8

Abundance Scan 4811 (23.324 min): BN023305.D\data.ms



Abundance Scan 4811 (23.324 min): BN023305.D\data.ms (-4794) (-)



Abundance Scan 5013 (23.914 min): BN023308.D\data.ms (-4926) (-)

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.914 min Scan# 4926

Delta R.T. 0.000 min

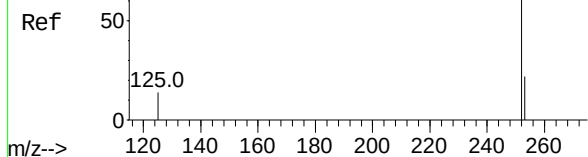
Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

Instrument :

BN023305.D

ClientSampleId :



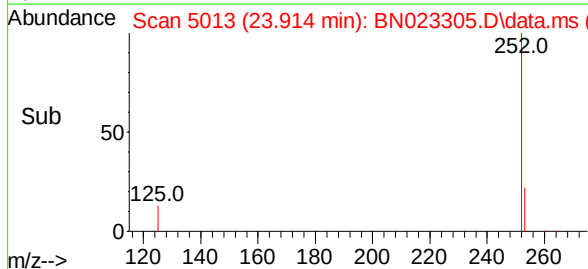
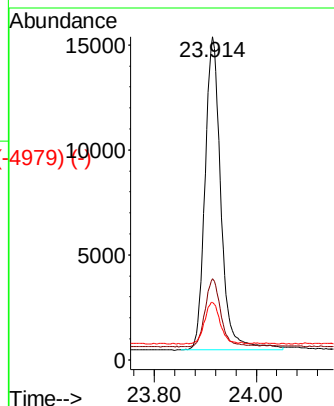
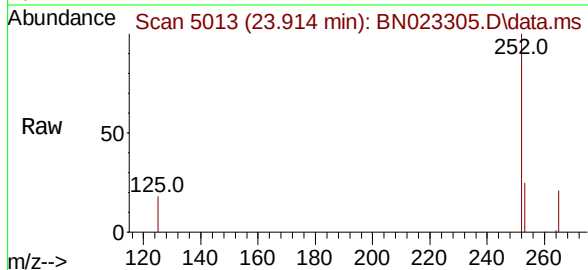
Tgt Ion:252 Resp: 32320

Ion Ratio Lower Upper

252 100

253 25.1 21.4 32.2

125 17.8 16.2 24.4



Abundance Scan 5855 (26.578 min): BN023308.D\data.ms (-5629) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 26.581 min Scan# 5856

Delta R.T. 0.003 min

Lab File: BN023305.D

Acq: 21 Dec 2022 08:57

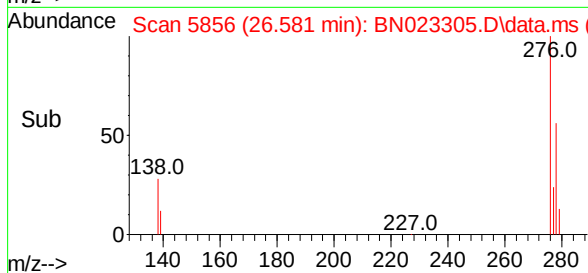
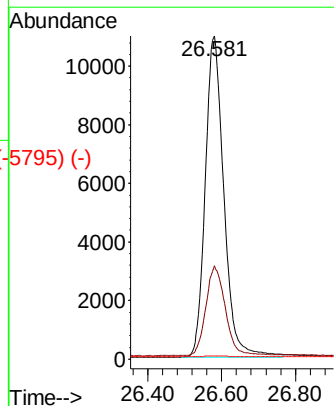
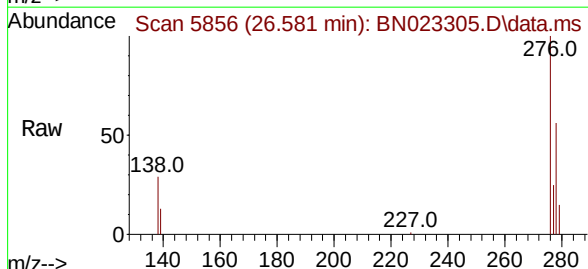
Tgt Ion:276 Resp: 38514

Ion Ratio Lower Upper

276 100

138 29.4 23.4 35.2

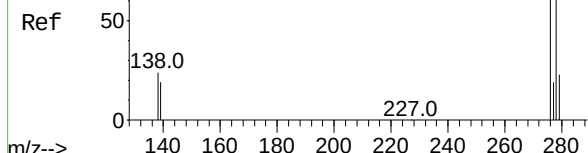
227 0.2 0.0 0.0#



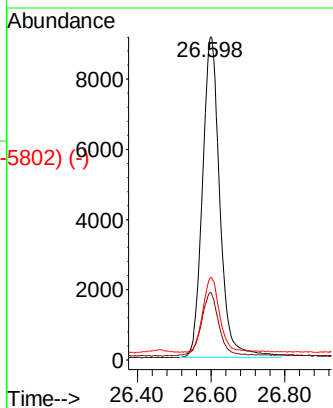
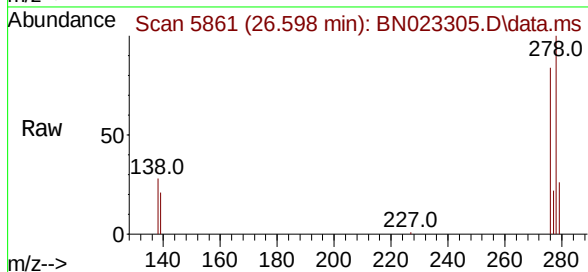
Abundance Scan 5862 (26.601 min): BN023308.D\data.ms (-5828) (-)

Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.598 min Scan# 5861
Delta R.T. -0.003 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

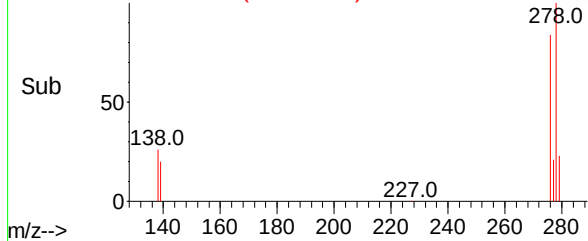
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	278	Resp:	30118
Ion Ratio	Lower	Upper	
278	100		
139	20.9	16.6	24.8
279	25.6	21.3	31.9



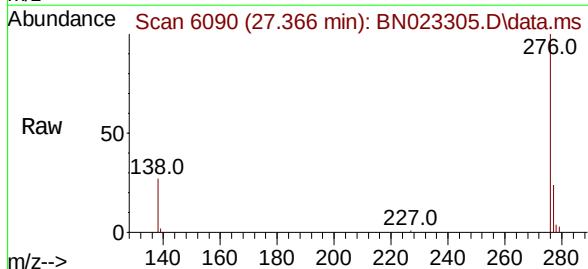
Abundance Scan 5861 (26.598 min): BN023305.D\data.ms (-5802) (-)



Abundance Scan 6091 (27.369 min): BN023308.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.366 min Scan# 6090
Delta R.T. -0.003 min
Lab File: BN023305.D
Acq: 21 Dec 2022 08:57

Tgt Ion:	276	Resp:	32756
Ion Ratio	Lower	Upper	
276	100		
138	26.9	20.3	30.5
277	24.3	19.7	29.5



Abundance Scan 6090 (27.366 min): BN023305.D\data.ms (-6031) (-)

