

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122821\
 Data File : BN018251.D
 Acq On : 29 Dec 2021 00:41
 Operator : CG/JU
 Sample : PB141473BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Quant Time: Dec 29 05:58:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:34:45 2021
 Response via : Initial Calibration

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

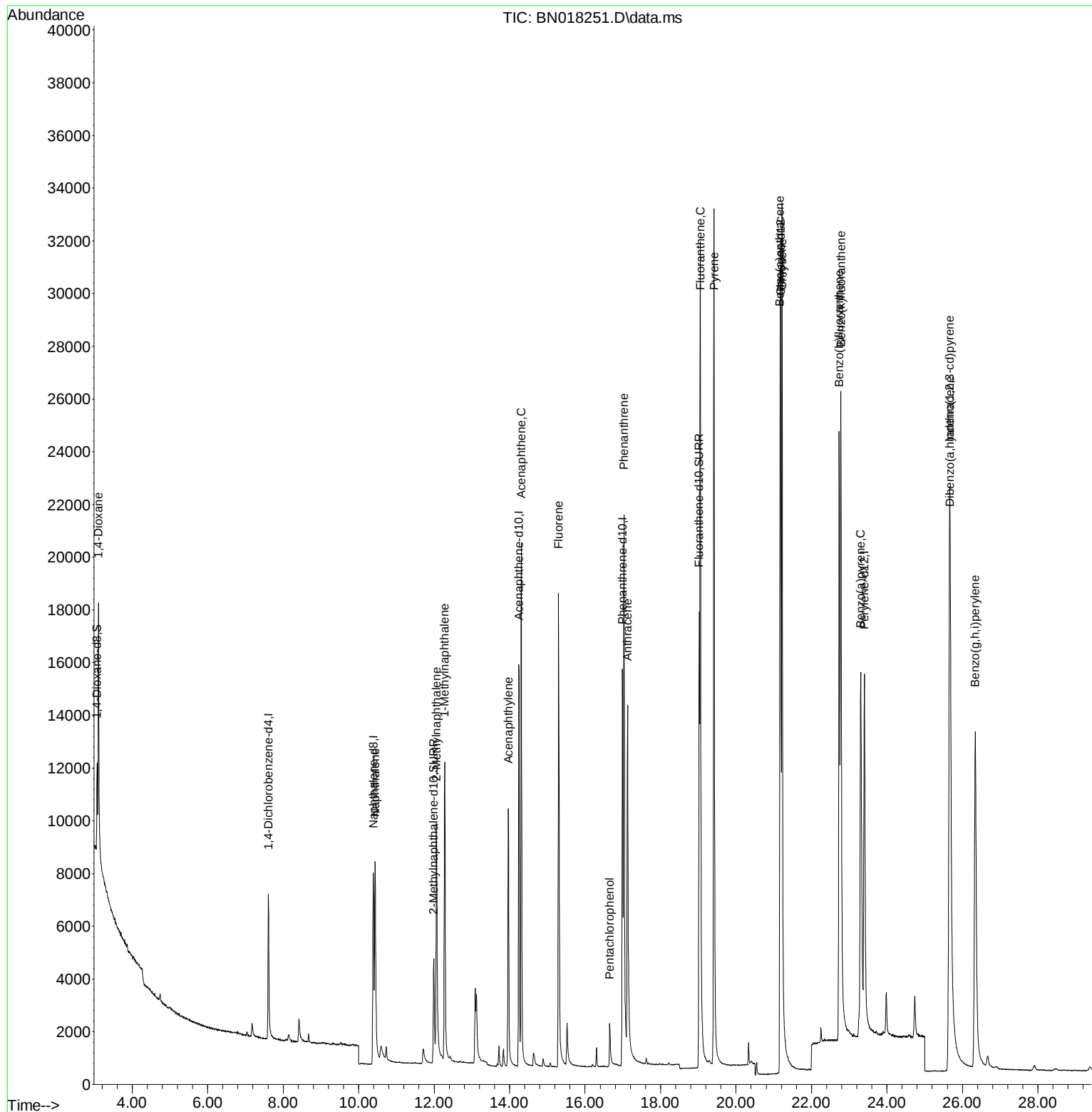
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.388	136	12880	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.245	164	9252	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	20886	0.400	ng/ul	0.00
17) Chrysene-d12	21.183	240	20810	0.400	ng/ul	0.00
23) Perylene-d12	23.404	264	20202	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	3125	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	7141	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	23942	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	8491	2.281	ng/ul#	51
5) Naphthalene	10.438	128	13281	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.066	142	8984	0.321	ng/ul	100
8) 1-Methylnaphthalene	12.280	142	9431	0.335	ng/ul	100
10) Acenaphthylene	13.967	152	13407	0.335	ng/ul	99
11) Acenaphthene	14.310	153	12101	0.376	ng/ul	99
12) Fluorene	15.300	166	14365	0.361	ng/ul	99
14) Pentachlorophenol	16.653	266	1638	0.198	ng/ul	98
15) Phenanthrene	17.033	178	26010	0.376	ng/ul	99
16) Anthracene	17.126	178	20383	0.328	ng/ul	99
19) Fluoranthene	19.055	202	32935	0.398	ng/ul	99
20) Pyrene	19.418	202	34603	0.400	ng/ul	99
21) Benzo(a)anthracene	21.168	228	25091	0.316	ng/ul	100
22) Chrysene	21.218	228	34956	0.406	ng/ul	100
24) Benzo(b)fluoranthene	22.734	252	30519	0.361	ng/ul	100
25) Benzo(k)fluoranthene	22.778	252	40882	0.424	ng/ul	100
26) Benzo(a)pyrene	23.304	252	29479	0.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.664	276	39014	0.382	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.677	278	28997	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	26.341	276	33151	0.382	ng/ul	98

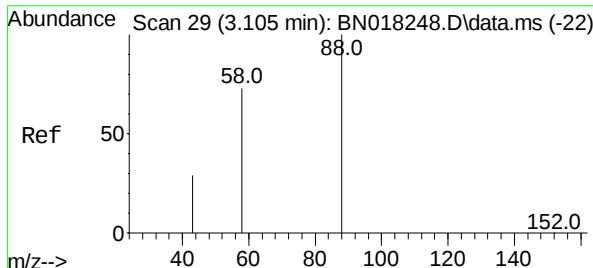
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 2.281 ng/ul

RT: 3.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018251.D

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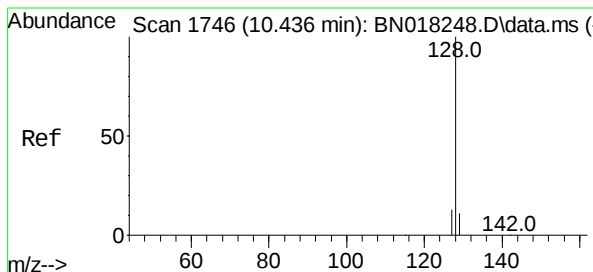
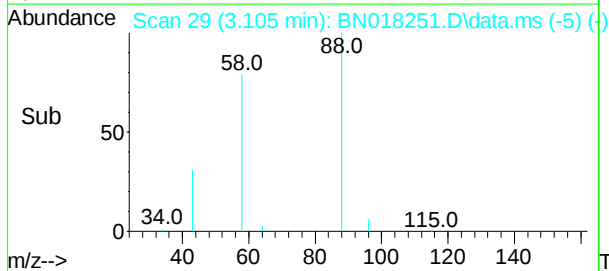
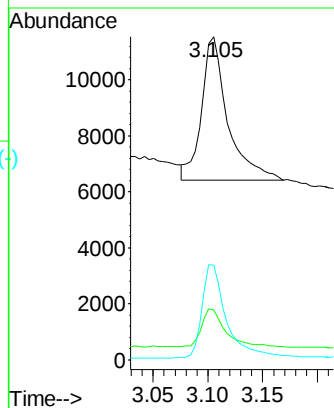
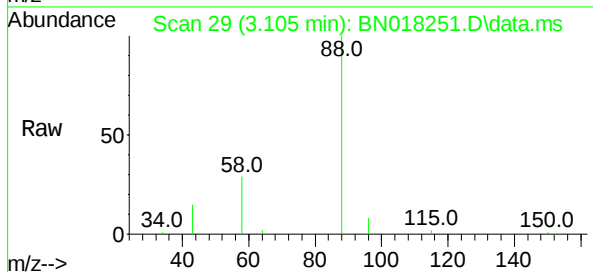
Tgt Ion: 88 Resp: 8491

Ion Ratio Lower Upper

88 100

43 15.4 47.8 71.8#

58 29.2 46.2 69.2#



Naphthalene

Concen: 0.348 ng/ul

RT: 10.438 min Scan# 1746

Delta R.T. 0.001 min

Lab File: BN018251.D

Acq: 29 Dec 2021 00:41

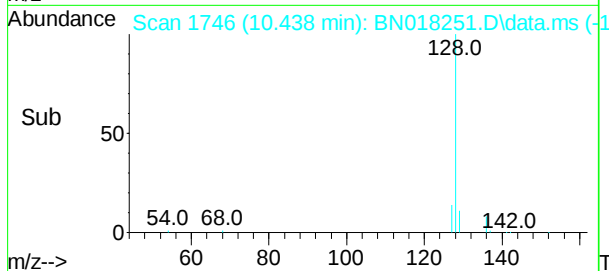
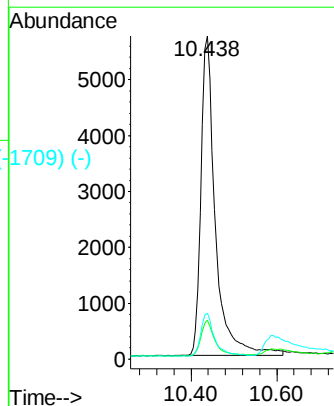
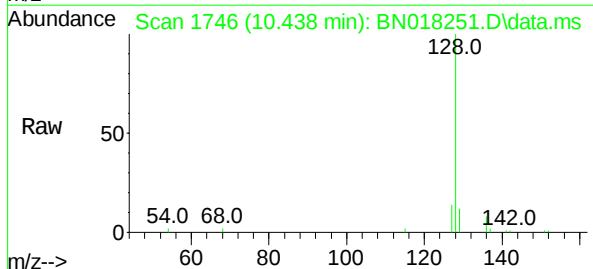
Tgt Ion: 128 Resp: 13281

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

127 14.3 11.0 16.6



Abundance Scan 2042 (12.064 min): BN018248.D\data.ms (-2032) (-)

2-Methylnaphthalene

Concen: 0.321 ng/u1

RT: 12.066 min Scan# 2042

Delta R.T. 0.007 min

Lab File: BN018251.D

Acq: 29 Dec 2021 00:41

Instrument :

BNA_N

ClientSampleId :

SLCS473

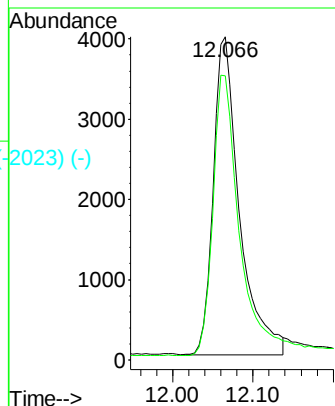
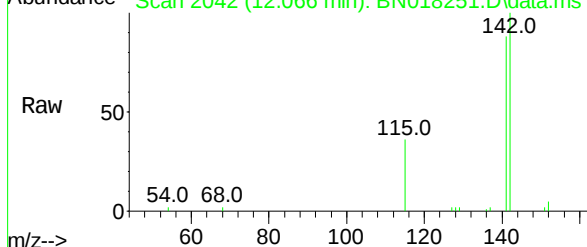
Tgt Ion:142 Resp: 8984

Ion Ratio Lower Upper

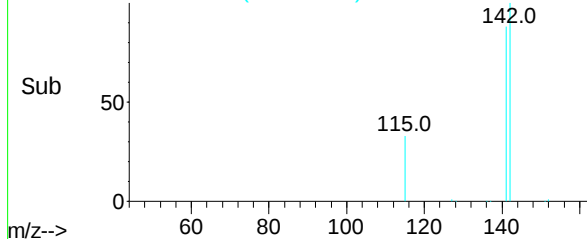
142 100

141 88.6 70.9 106.3

Abundance Scan 2042 (12.066 min): BN018251.D\data.ms



Abundance Scan 2042 (12.066 min): BN018251.D\data.ms (-2023) (-)



Abundance Scan 2081 (12.279 min): BN018248.D\data.ms (-2078) (-)

1-Methylnaphthalene

Concen: 0.335 ng/u1

RT: 12.280 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BN018251.D

Acq: 29 Dec 2021 00:41

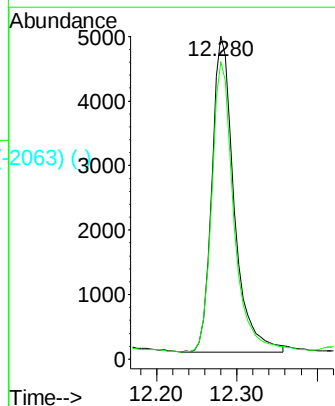
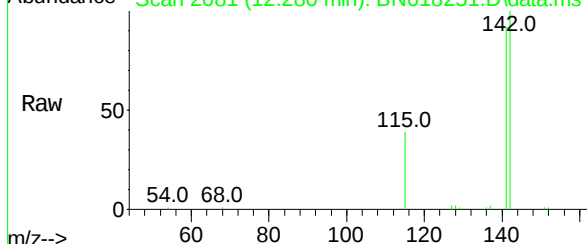
Tgt Ion:142 Resp: 9431

Ion Ratio Lower Upper

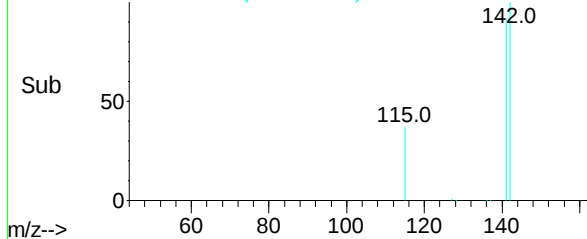
142 100

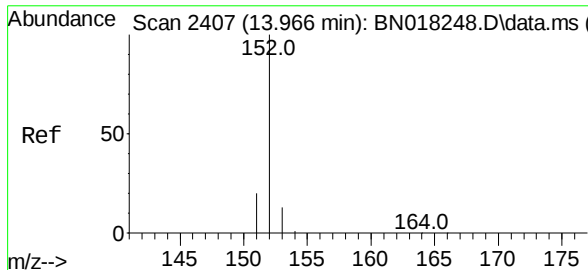
141 91.1 73.2 109.8

Abundance Scan 2081 (12.280 min): BN018251.D\data.ms



Abundance Scan 2081 (12.280 min): BN018251.D\data.ms (-2063) (-)

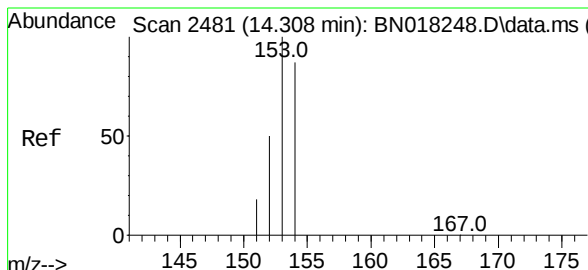
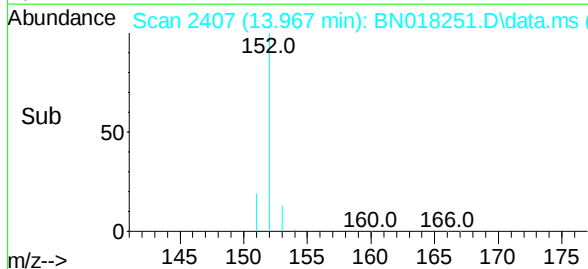
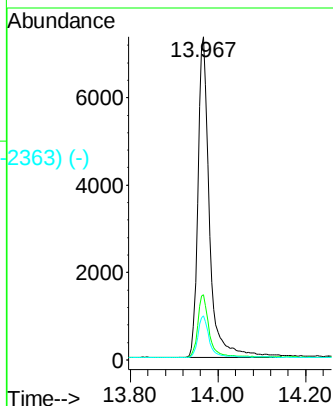
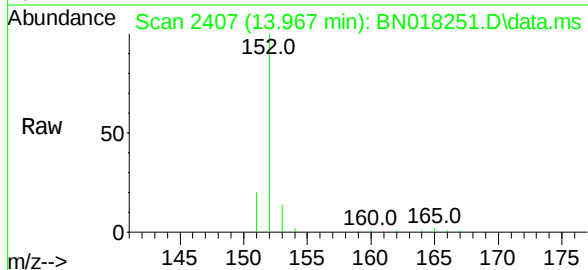




Acenaphthylene
 Concen: 0.335 ng/ul
 RT: 13.967 min Scan# 2407
 Delta R.T. 0.001 min
 Lab File: BN018251.D
 Acq: 29 Dec 2021 00:41

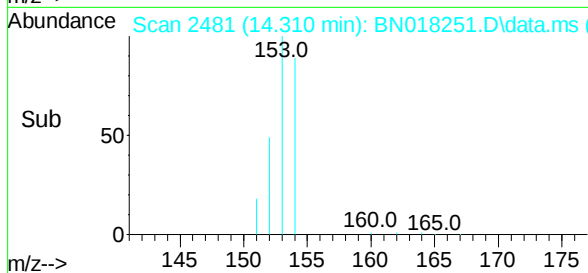
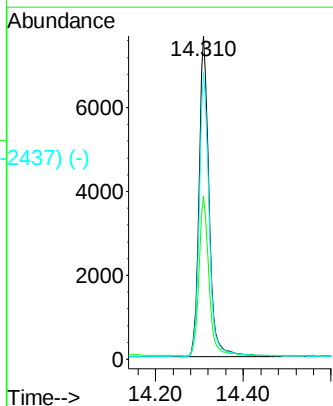
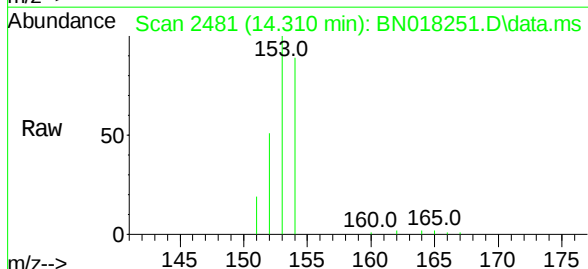
Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Tgt Ion:	152	Resp:	13407
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.6	10.7	16.1

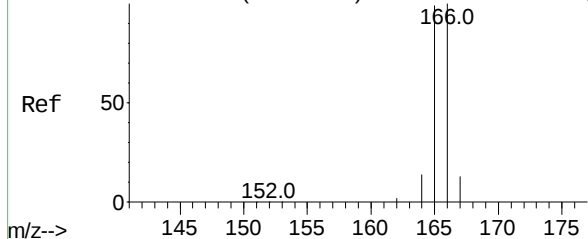


Acenaphthene
 Concen: 0.376 ng/ul
 RT: 14.310 min Scan# 2481
 Delta R.T. 0.001 min
 Lab File: BN018251.D
 Acq: 29 Dec 2021 00:41

Tgt Ion:	153	Resp:	12101
Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.7	59.5
154	88.8	70.9	106.3



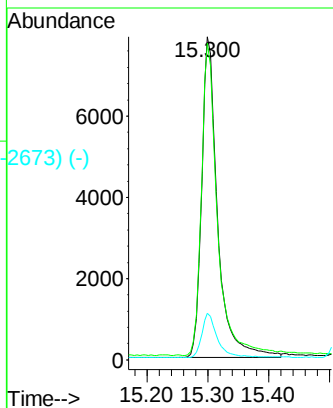
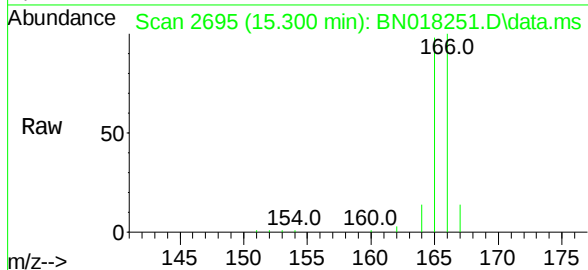
Abundance Scan 2695 (15.298 min): BN018248.D\data.ms (-2695) (-)



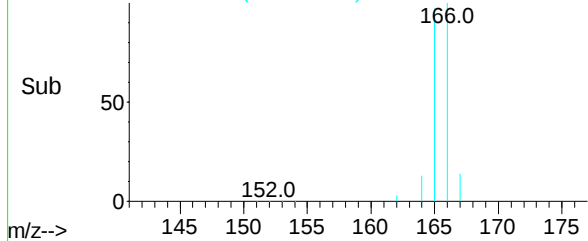
Fluorene
Concen: 0.361 ng/ul
RT: 15.300 min Scan# 2695
Delta R.T. 0.001 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Instrument :
BNA_N
ClientSampleId :
SLCS473

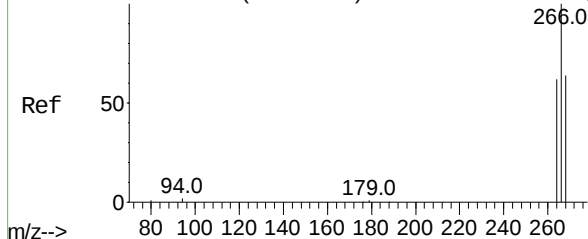
Tgt Ion:	166	Resp:	14365
Ion Ratio	Lower	Upper	
166	100		
165	98.1	77.8	116.6
167	14.5	11.6	17.4



Abundance Scan 2695 (15.300 min): BN018251.D\data.ms (-2673) (-)

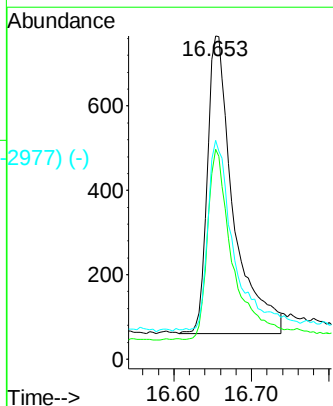
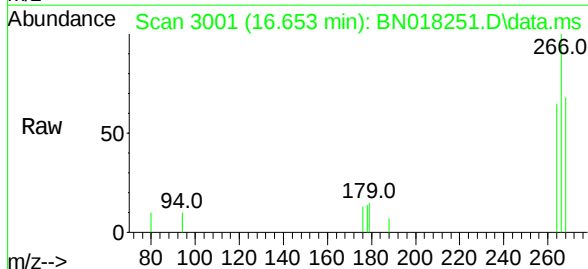


Abundance Scan 3002 (16.656 min): BN018248.D\data.ms (-2990) (-)

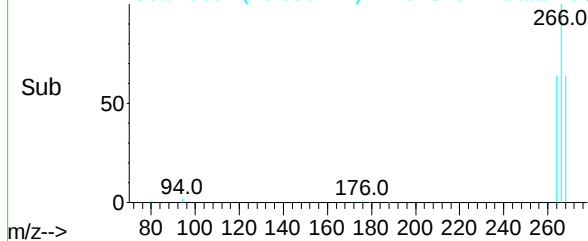


Pentachlorophenol
Concen: 0.198 ng/ul
RT: 16.653 min Scan# 3001
Delta R.T. 0.001 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

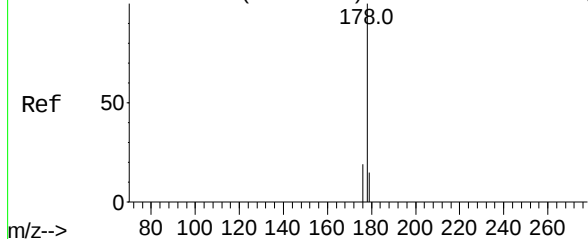
Tgt Ion:	266	Resp:	1638
Ion Ratio	Lower	Upper	
266	100		
264	61.4	49.9	74.9
268	62.7	51.7	77.5



Abundance Scan 3001 (16.653 min): BN018251.D\data.ms (-2977) (-)



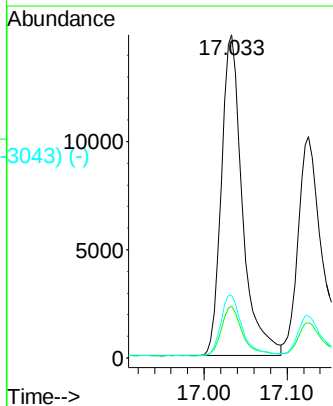
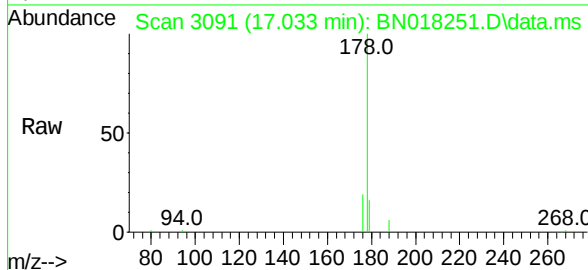
Abundance Scan 3091 (17.032 min): BN018248.D\data.ms (-30715) (-)



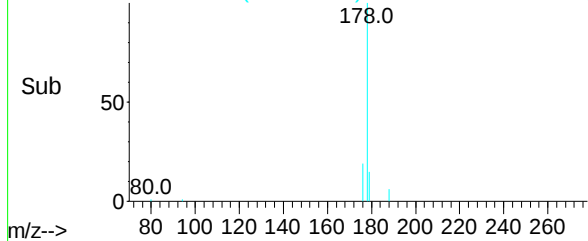
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.033 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

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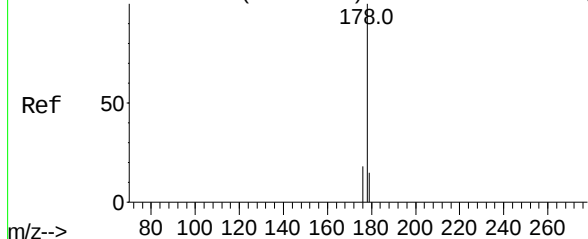
Tgt Ion:	178	Resp:	26010
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.4	15.4	23.2



Abundance Scan 3091 (17.033 min): BN018251.D\data.ms (-3043) (-)

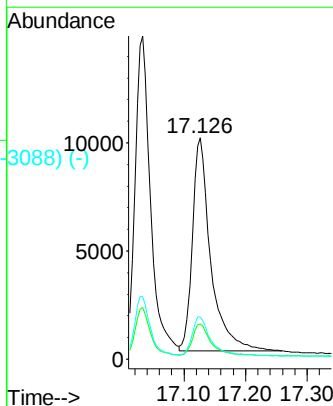
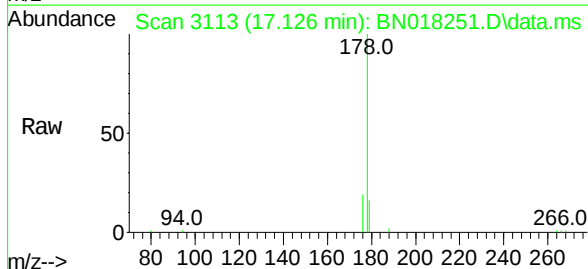


Abundance Scan 3113 (17.125 min): BN018248.D\data.ms (-31015) (-)

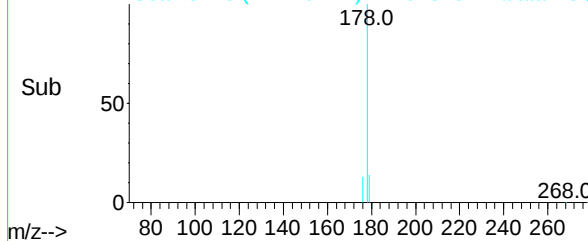


Anthracene
Concen: 0.328 ng/ul
RT: 17.126 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

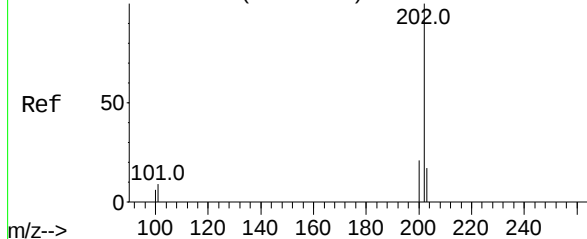
Tgt Ion:	178	Resp:	20383
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	15.5	23.3



Abundance Scan 3113 (17.126 min): BN018251.D\data.ms (-3088) (-)



Abundance Scan 3558 (19.054 min): BN018248.D\data.ms (-3549) (-)



Fluoranthene

Concen: 0.398 ng/ul

RT: 19.055 min Scan#

Delta R.T. 0.001 min

Lab File: BN018251.D

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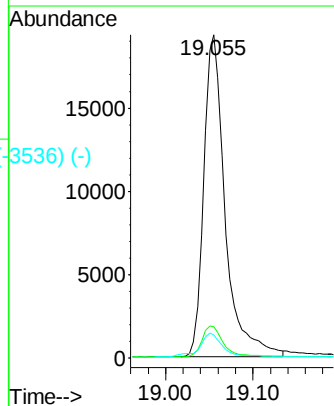
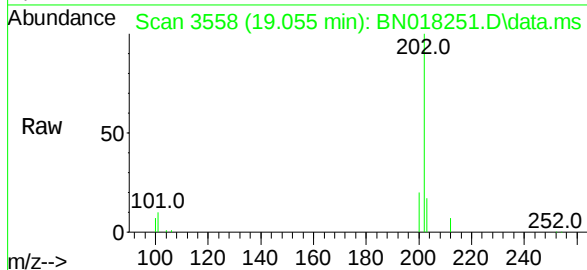
Tgt Ion:202 Resp: 32935

Ion Ratio Lower Upper

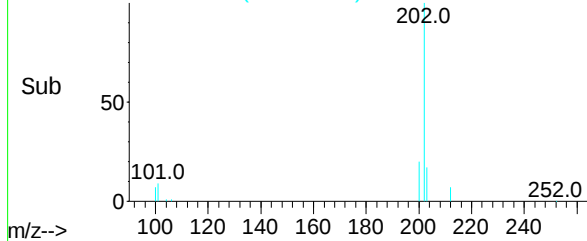
202 100

101 9.7 7.5 11.3

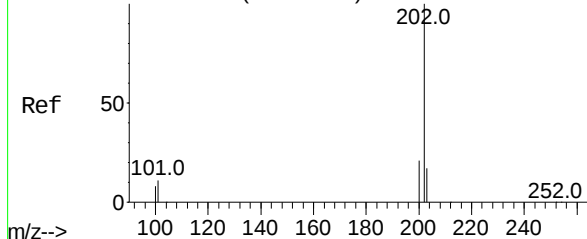
100 7.1 5.4 8.2



Abundance Scan 3558 (19.055 min): BN018251.D\data.ms (-3536) (-)



Abundance Scan 3636 (19.416 min): BN018248.D\data.ms (-3626) (-)



Pyrene

Concen: 0.400 ng/ul

RT: 19.418 min Scan# 3636

Delta R.T. 0.001 min

Lab File: BN018251.D

Acq: 29 Dec 2021 00:41

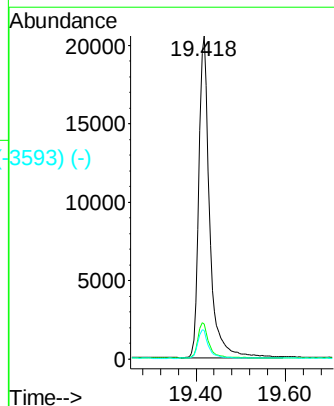
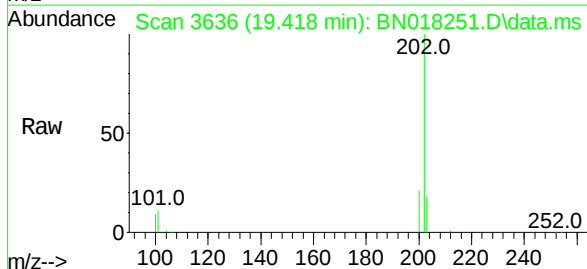
Tgt Ion:202 Resp: 34603

Ion Ratio Lower Upper

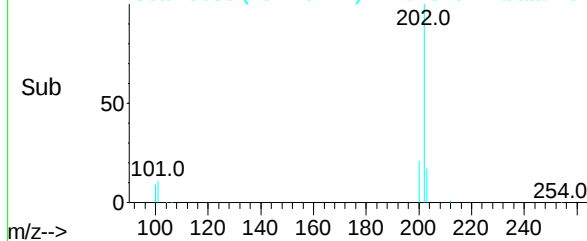
202 100

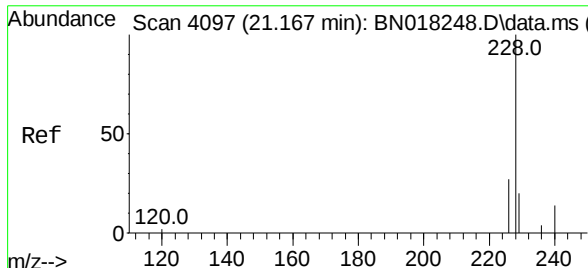
101 10.9 9.0 13.4

100 8.8 7.0 10.4



Abundance Scan 3636 (19.418 min): BN018251.D\data.ms (-3593) (-)

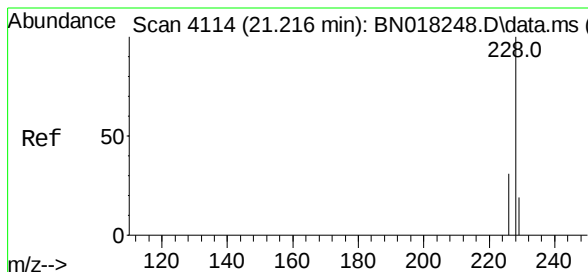
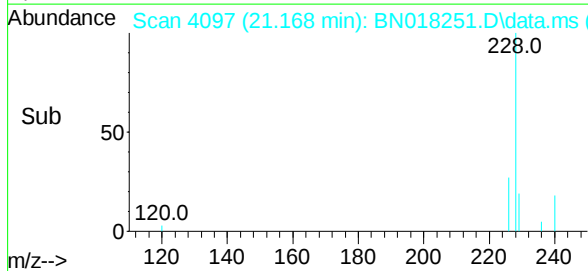
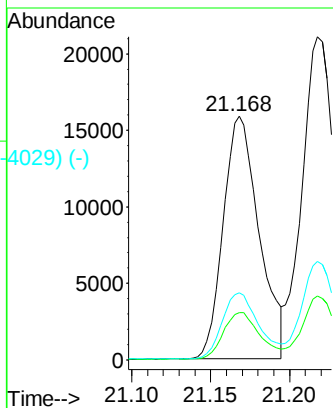
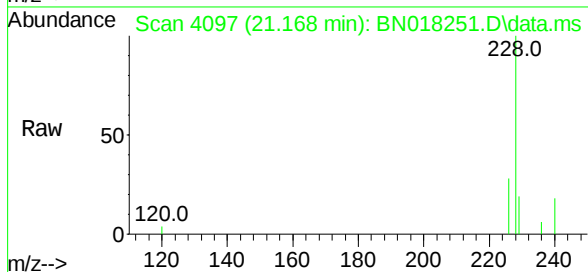




Scan 4097 (21.167 min): BN018248.D\data.ms (-4023) (-)
 Benzo(a)anthracene
 Concen: 0.316 ng/u1
 RT: 21.168 min Scan# 4097
 Delta R.T. -0.002 min
 Lab File: BN018251.D
 Acq: 29 Dec 2021 00:41

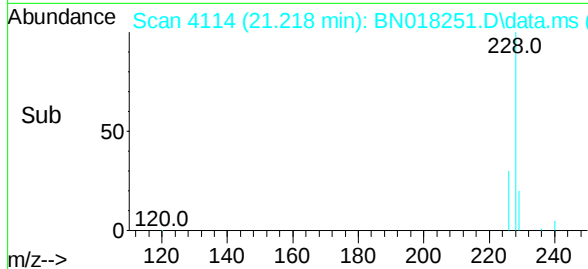
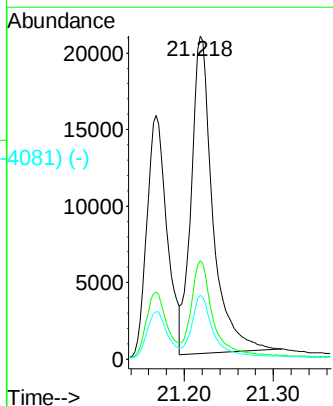
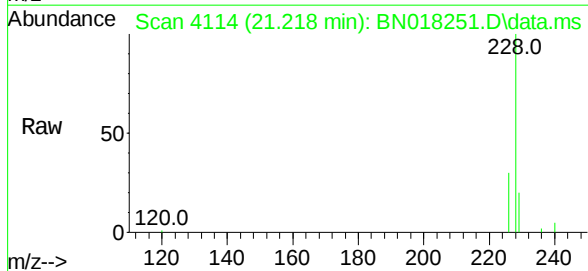
Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Tgt Ion:	228	Resp:	25091
Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.7	22.1	33.1

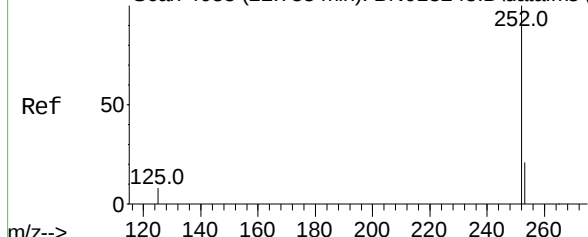


Scan 4114 (21.216 min): BN018248.D\data.ms (-4122) (-)
 Chrysene
 Concen: 0.406 ng/u1
 RT: 21.218 min Scan# 4114
 Delta R.T. -0.004 min
 Lab File: BN018251.D
 Acq: 29 Dec 2021 00:41

Tgt Ion:	228	Resp:	34956
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.7	15.7	23.5



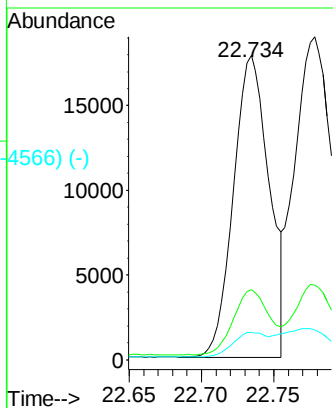
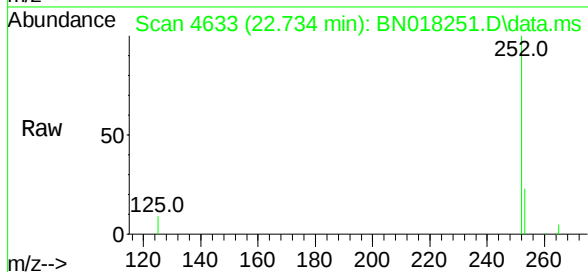
Abundance Scan 4633 (22.733 min): BN018248.D\data.ms (-4624) (-)



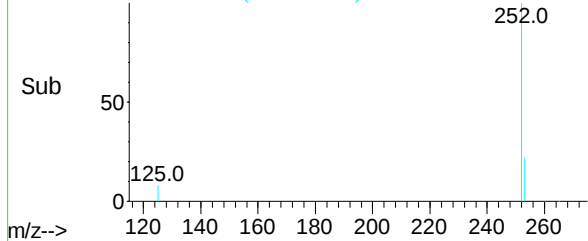
Benzo(b)fluoranthene
Concen: 0.361 ng/u1
RT: 22.734 min Scan# 4633
Delta R.T. -0.004 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Instrument :
BNA_N
ClientSampleId :
SLCS473

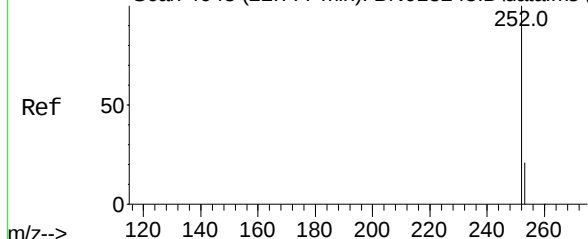
Tgt Ion:	252	Resp:	30519
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.4
125	9.1	0.0	17.8



Abundance Scan 4633 (22.734 min): BN018251.D\data.ms (-4566) (-)

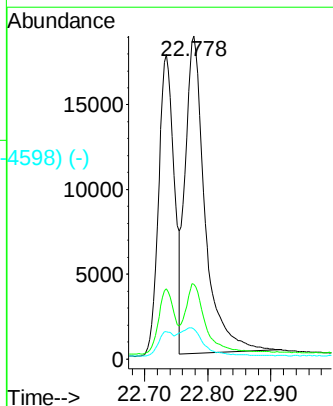
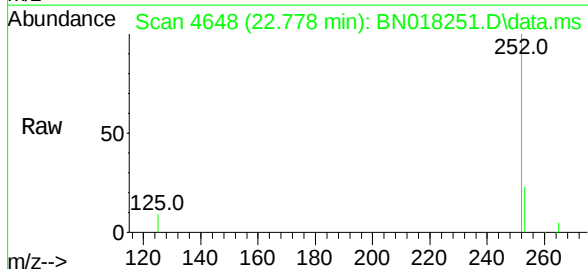


Abundance Scan 4648 (22.777 min): BN018248.D\data.ms (-4625) (-)

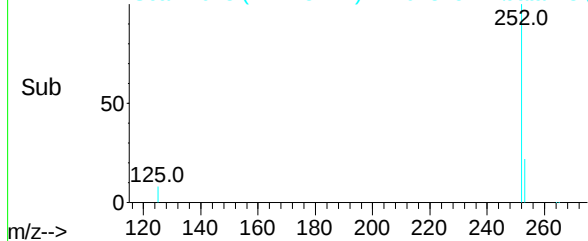


Benzo(k)fluoranthene
Concen: 0.424 ng/u1
RT: 22.778 min Scan# 4648
Delta R.T. -0.004 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Tgt Ion:	252	Resp:	40882
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	9.3	7.3	10.9



Abundance Scan 4648 (22.778 min): BN018251.D\data.ms (-4598) (-)



Abundance Scan 4829 (23.306 min): BN018248.D\data.ms (-4729) (-)

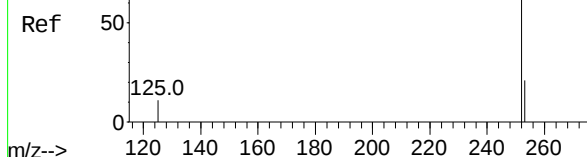
Benzo(a)pyrene
Concen: 0.368 ng/u1
RT: 23.304 min Scan# 4729
Delta R.T. -0.004 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Instrument :

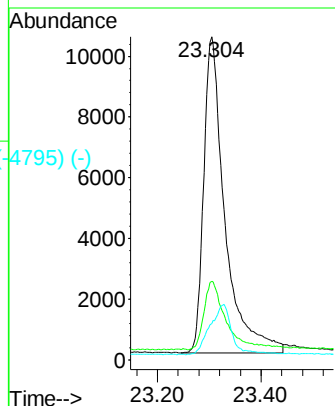
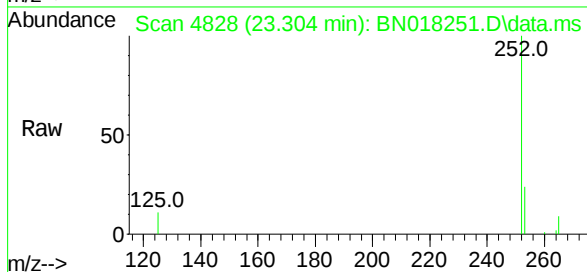
BNA_N

ClientSampleId :

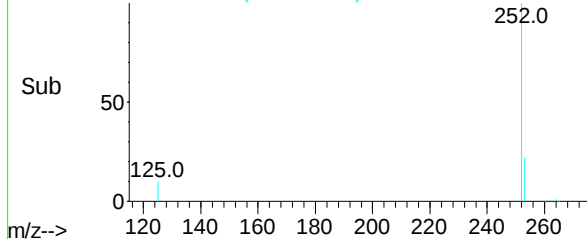
SLCS473



Tgt Ion:	252	Resp:	29479
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.9	28.3
125	11.2	8.2	12.2



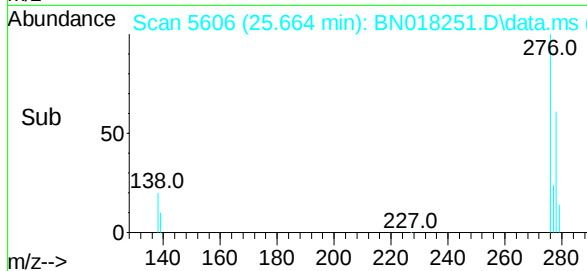
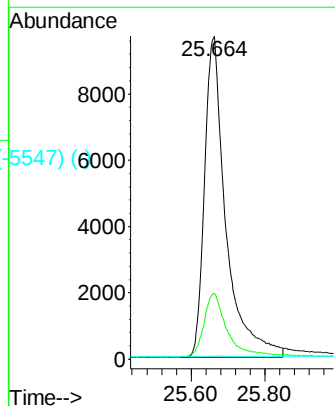
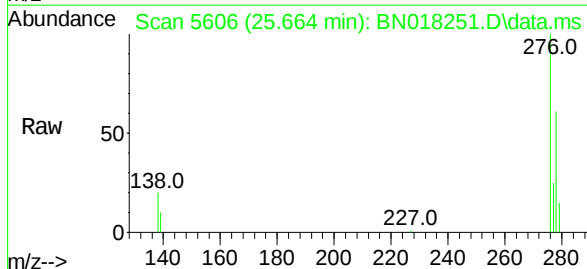
Abundance Scan 4828 (23.304 min): BN018251.D\data.ms (-4795) (-)



Abundance Scan 5605 (25.659 min): BN018248.D\data.ms (-5529) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/u1
RT: 25.664 min Scan# 5606
Delta R.T. -0.002 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

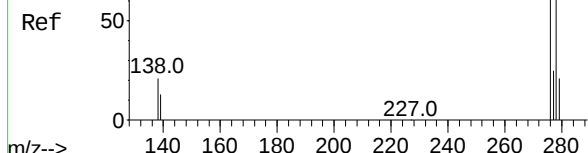
Tgt Ion:	276	Resp:	39014
Ion Ratio	Lower	Upper	
276	100		
138	21.7	16.5	24.7
227	0.2	0.1	0.1#



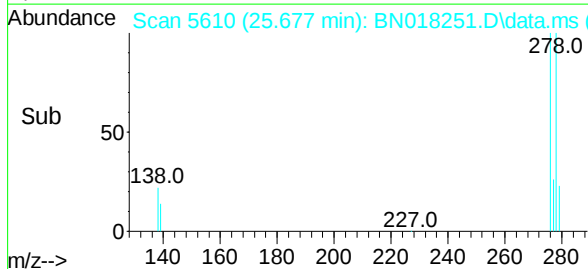
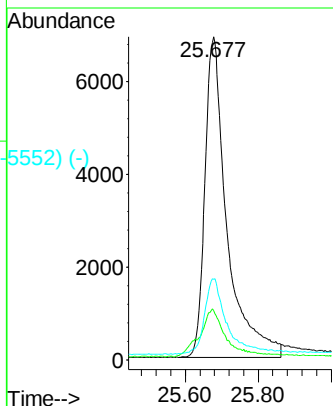
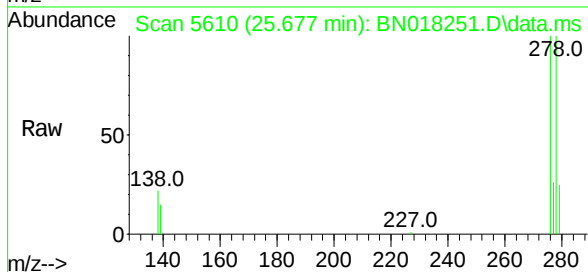
Abundance Scan 5609 (25.672 min): BN018248.D\data.ms (-5523) (-)

Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.677 min Scan# 5523
Delta R.T. -0.005 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Instrument :
BNA_N
ClientSampleId :
SLCS473



Tgt Ion:	278	Resp:	28997
Ion Ratio	Lower	Upper	
278	100		
139	15.3	11.9	17.9
279	24.8	19.5	29.3



Abundance Scan 5808 (26.339 min): BN018248.D\data.ms (-5724) (-)

Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.341 min Scan# 5808
Delta R.T. -0.012 min
Lab File: BN018251.D
Acq: 29 Dec 2021 00:41

Tgt Ion:	276	Resp:	33151
Ion Ratio	Lower	Upper	
276	100		
138	18.9	14.4	21.6
277	24.6	19.2	28.8

