

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015448.D
 Acq On : 09 Jul 2021 16:23
 Operator : CG/JU
 Sample : M2854-21
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW7

Manual Integrations
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mohammad
 7/12/2021 9:32:05 AM

Quant Time: Jul 09 16:58:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	9719	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5252	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	10582	0.400	ng/ul	0.00
17) Chrysene-d12	21.287	240	8988	0.400	ng/ul	0.00
23) Perylene-d12	23.529	264	7736	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8100	2.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3252	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	7365	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	11091	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	1600	0.079	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	672	0.034	ng/ul	98
10) Acenaphthylene	14.053	152	18812	0.693	ng/ul	100
11) Acenaphthene	14.400	153	5491	0.264	ng/ul	99
12) Fluorene	15.390	166	8411	0.366	ng/ul	98
15) Phenanthrene	17.128	178	86526	2.253	ng/ul	99
16) Anthracene	17.217	178	69263	2.045	ng/ul	99
19) Fluoranthene	19.150	202	260352	6.269	ng/ul	99
20) Pyrene	19.517	202	141233	3.391	ng/ul	98
21) Benzo(a)anthracene	21.272	228	144951	4.354	ng/ul	97
22) Chrysene	21.325	228	117319	2.943	ng/ul	98
24) Benzo(b)fluoranthene	22.862	252	132678m	3.671	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	61569m	1.509	ng/ul	
26) Benzo(a)pyrene	23.432	252	39993	1.318	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.776	276	31895	0.870	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.786	278	15368	0.535	ng/ul	97
29) Benzo(g,h,i)perylene	26.457	276	680	0.020	ng/ul#	42

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

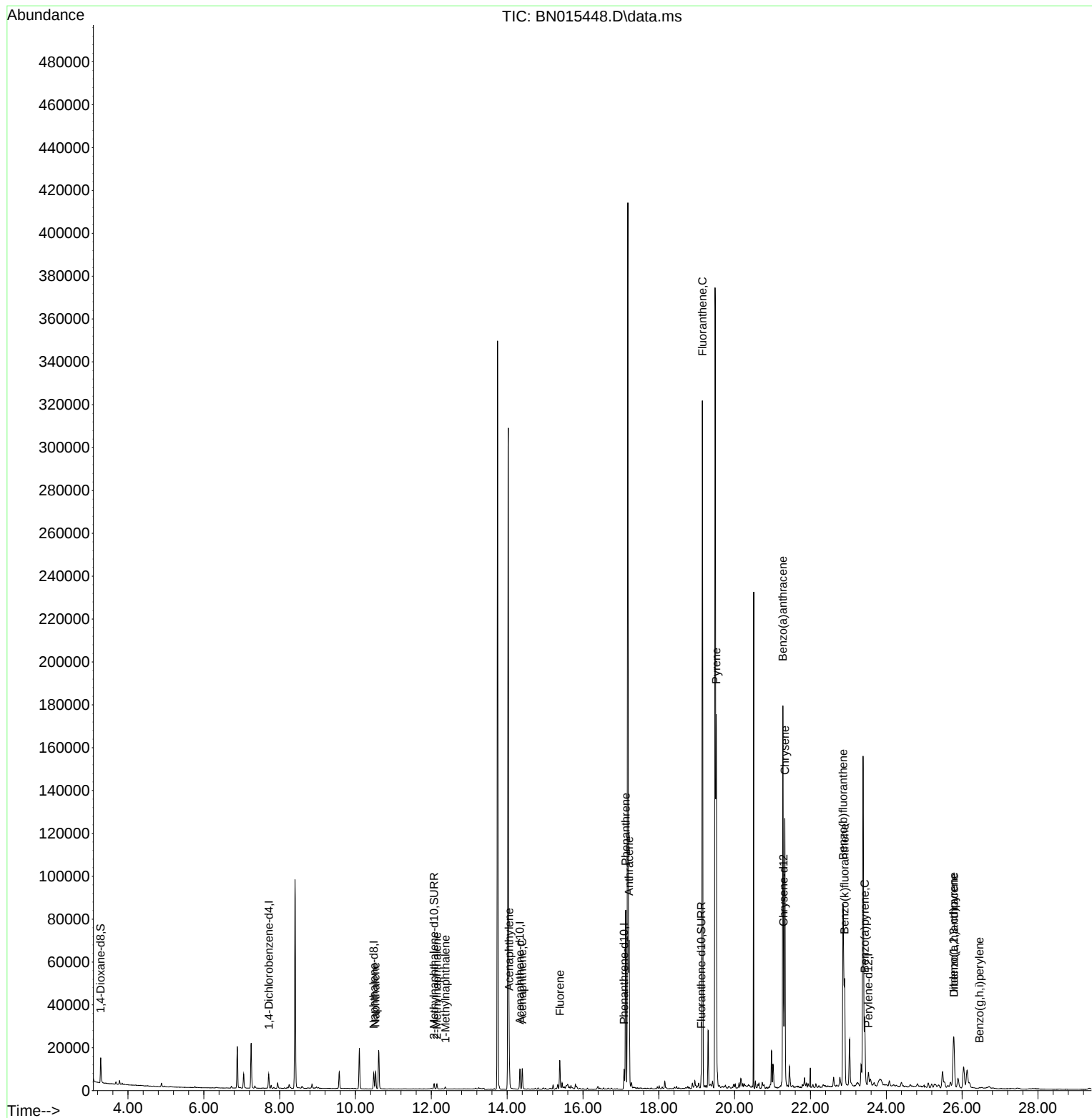
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015448.D
Acq On : 09 Jul 2021 16:23
Operator : CG/JU
Sample : M2854-21
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ALS Vial : 49 Sample Multiplier: 1

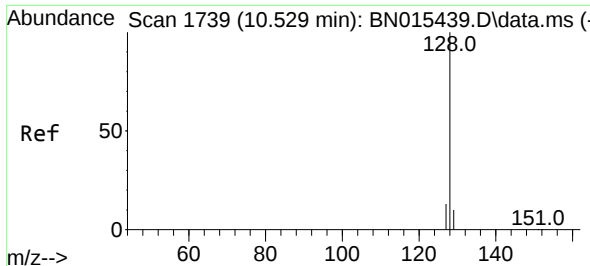
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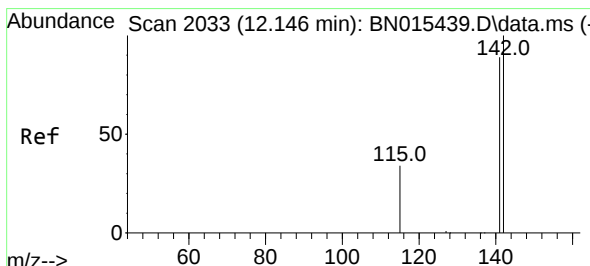
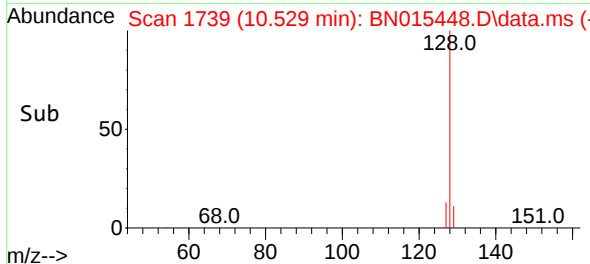
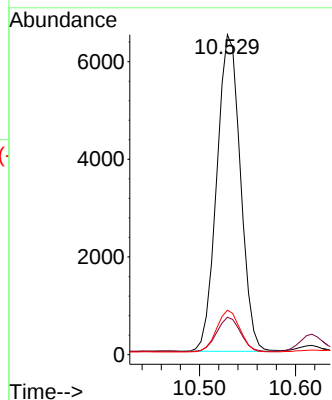
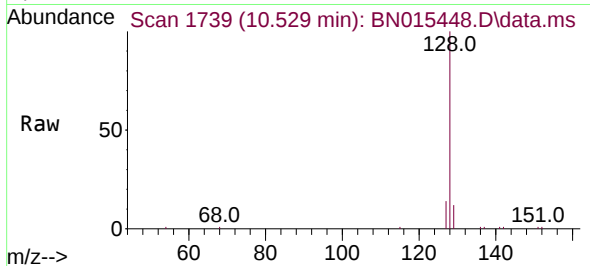
#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

Tgt Ion:	128	Resp:	11091
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.3	13.9
127	13.9	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDW7

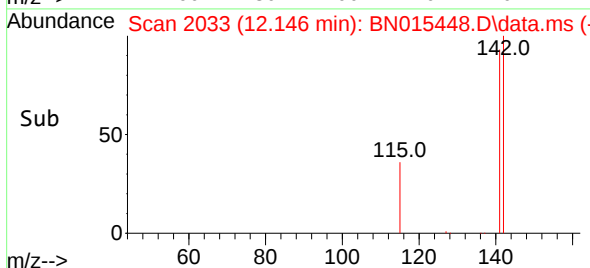
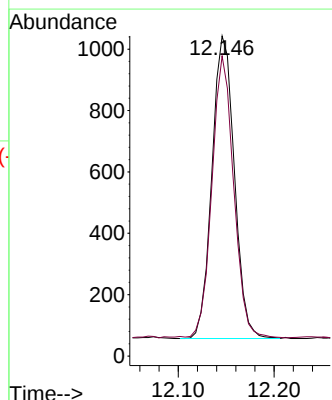
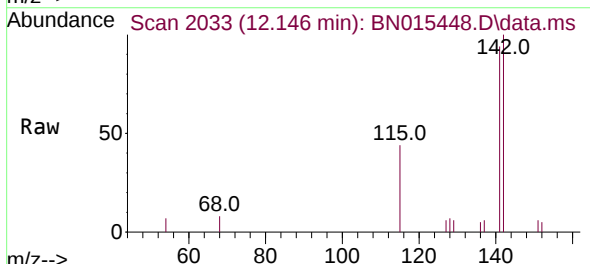
Manual Integrations
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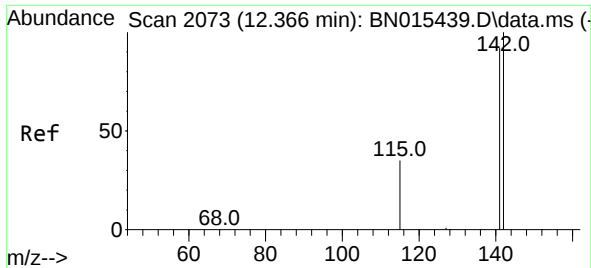
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#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

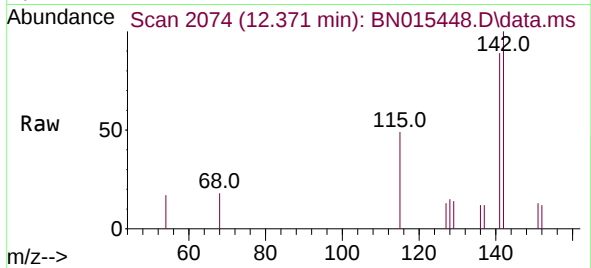
Tgt Ion:	142	Resp:	1600
Ion Ratio	Lower	Upper	
142	100		
141	90.8	70.3	105.5





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

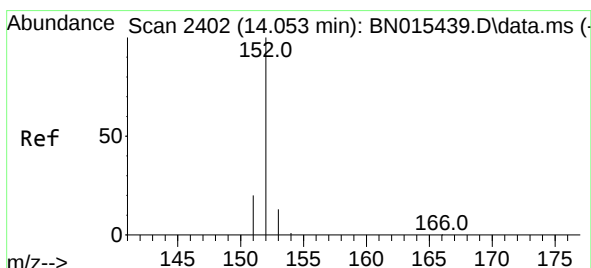
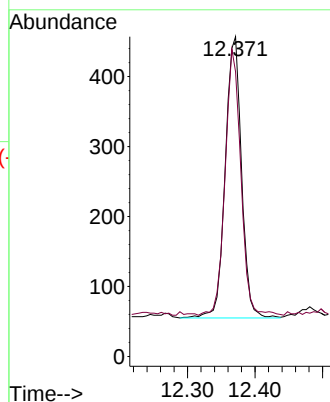
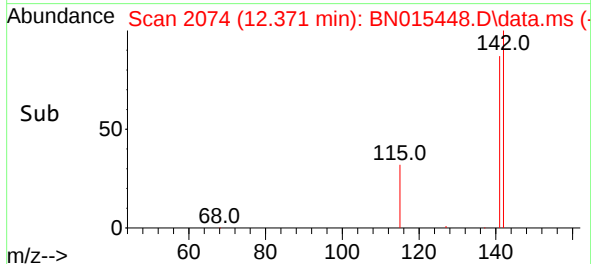
Instrument :
BNA_N
ClientSampled :
BGDW7



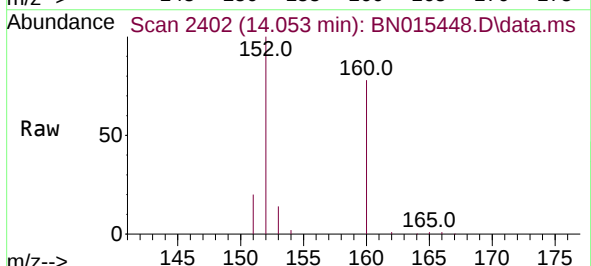
Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
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141 91.2 74.2 111.4

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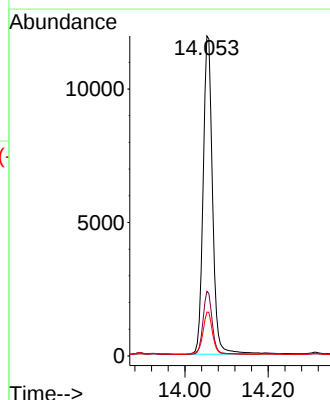
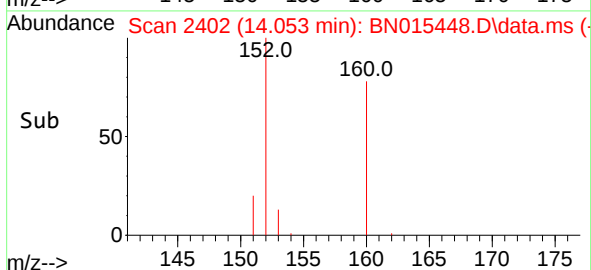
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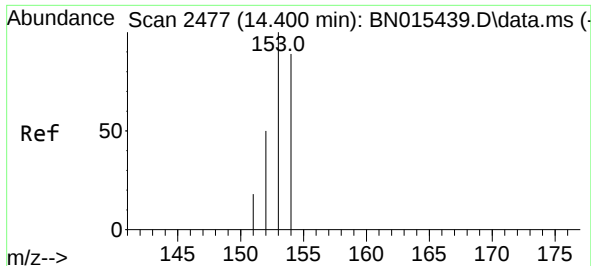


#10
Acenaphthylene
Concen: 0.693 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



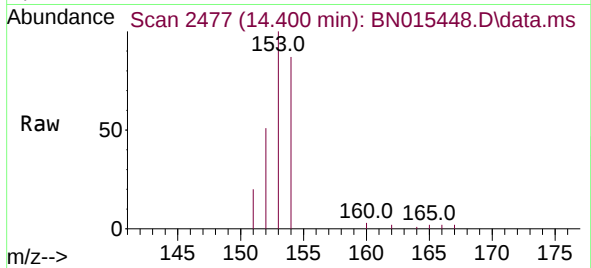
Tgt Ion:152 Resp: 18812
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.264 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

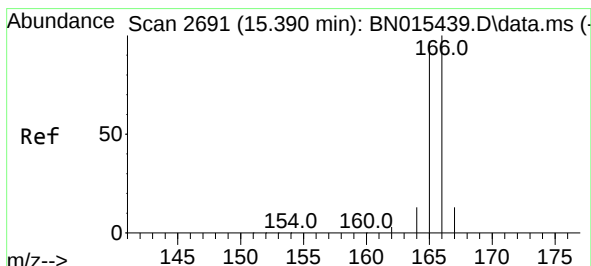
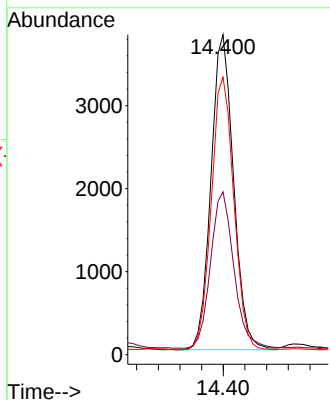
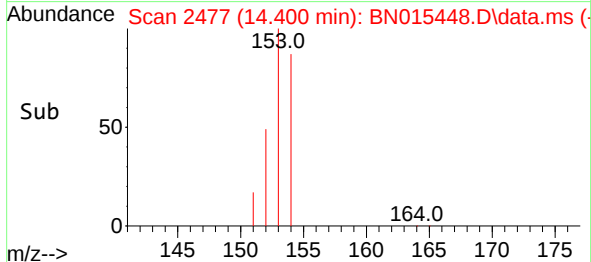
Instrument :
BNA_N
ClientSampled :
BGDW7



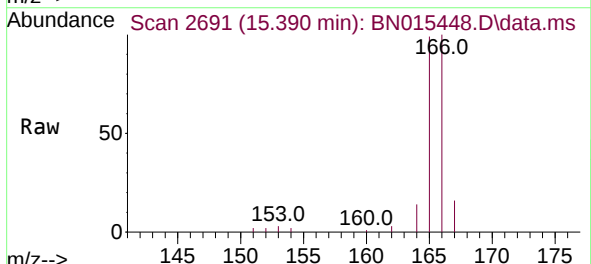
Tgt Ion:153 Resp: 5491
Ion Ratio Lower Upper
153 100
152 50.9 39.8 59.6
154 86.7 69.8 104.8

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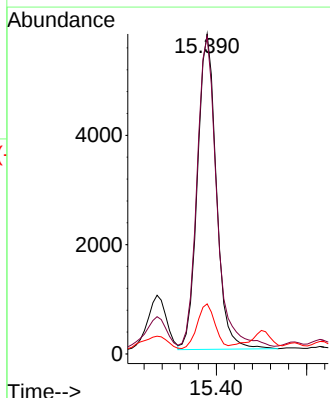
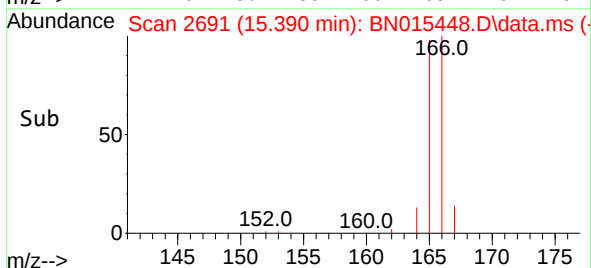
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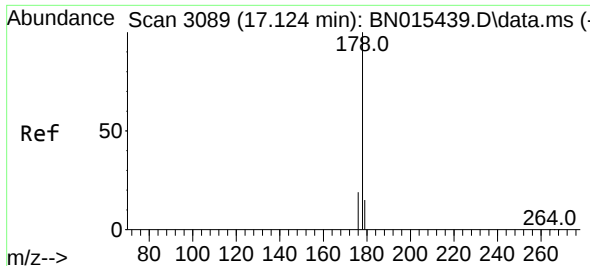


#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



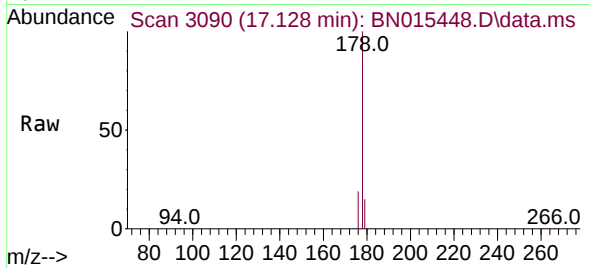
Tgt Ion:166 Resp: 8411
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 15.7 11.2 16.8





#15
Phenanthrene
Concen: 2.253 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

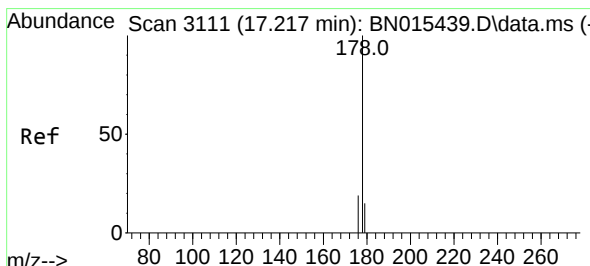
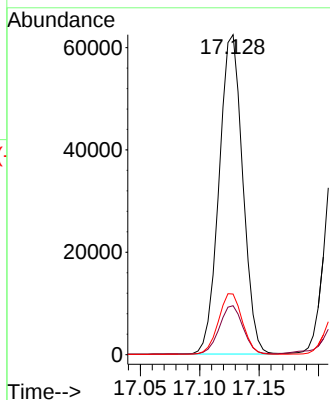
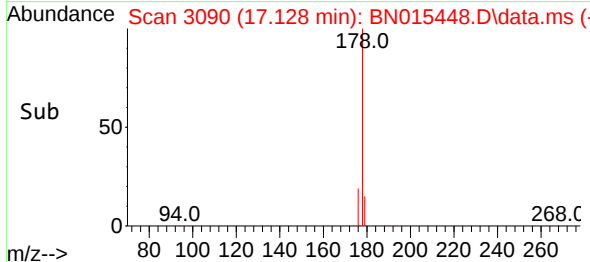
Instrument :
BNA_N
ClientSampled :
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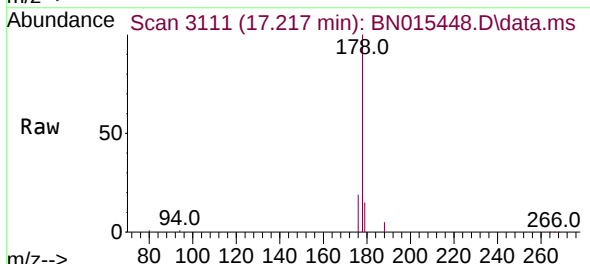
Tgt Ion:178 Resp: 86526
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.9 15.5 23.3

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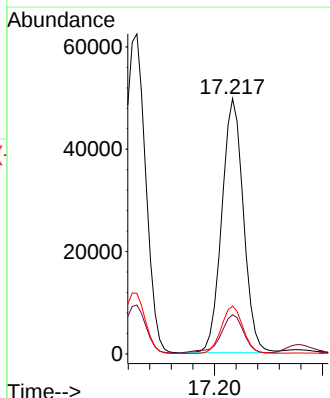
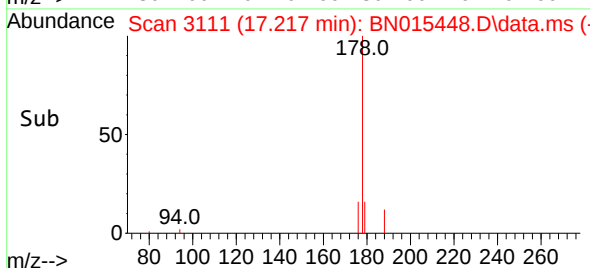
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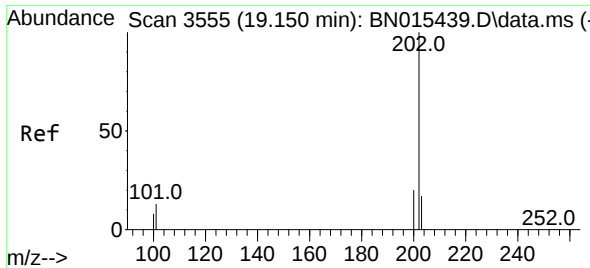


#16
Anthracene
Concen: 2.045 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



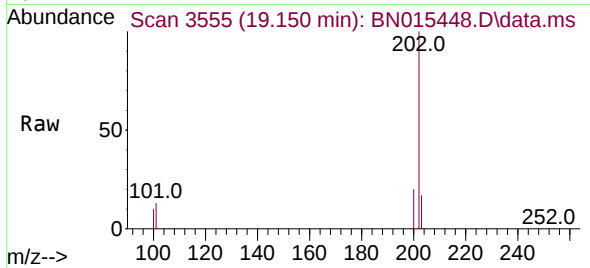
Tgt Ion:178 Resp: 69263
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.7 15.2 22.8





#19
Fluoranthene
Concen: 6.269 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

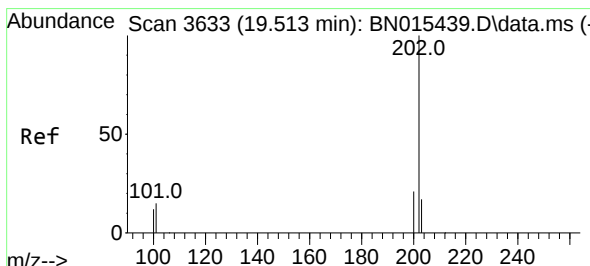
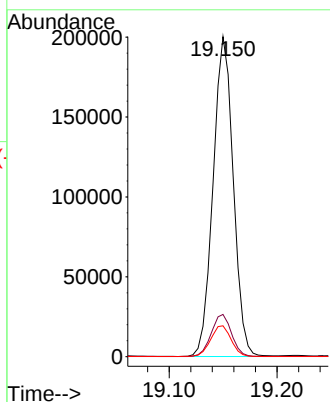
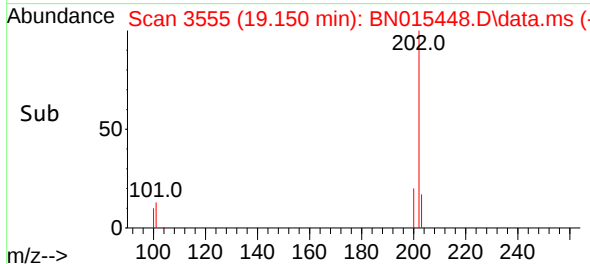
Instrument :
BNA_N
ClientSampled :
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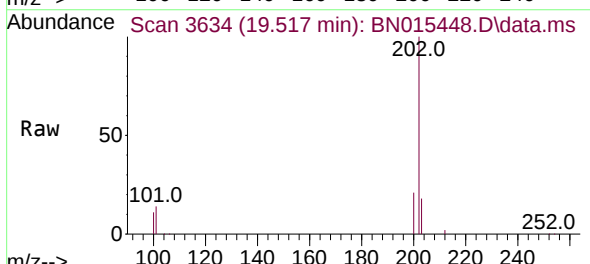
Tgt Ion:202 Resp: 260352
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 9.6 7.4 11.0

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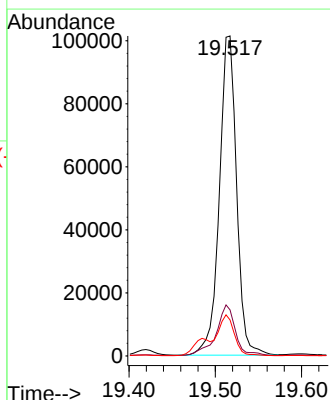
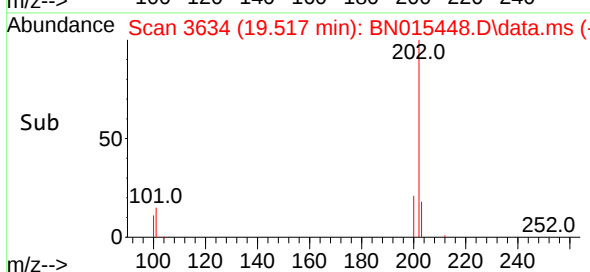
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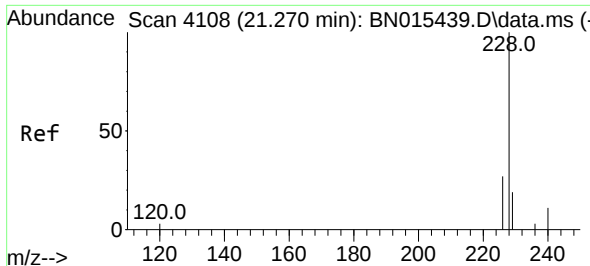


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Pyrene
Concen: 3.391 ng/ul
RT: 19.517 min Scan# 3634
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



Tgt Ion:202 Resp: 141233
Ion Ratio Lower Upper
202 100
101 14.4 12.0 18.0
100 11.2 9.6 14.4





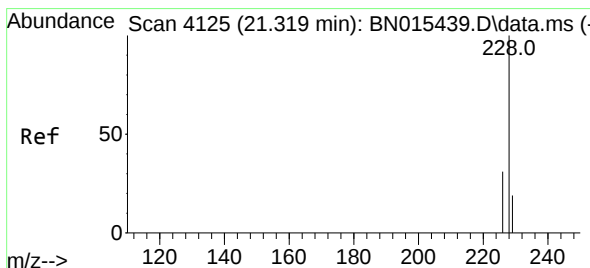
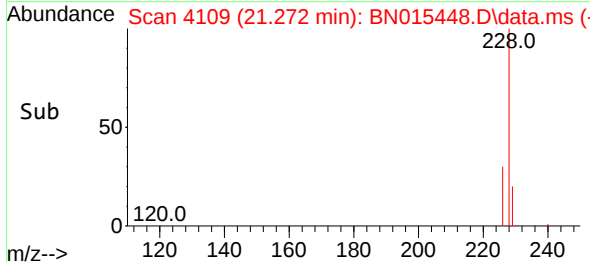
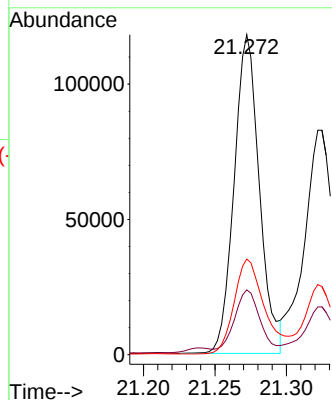
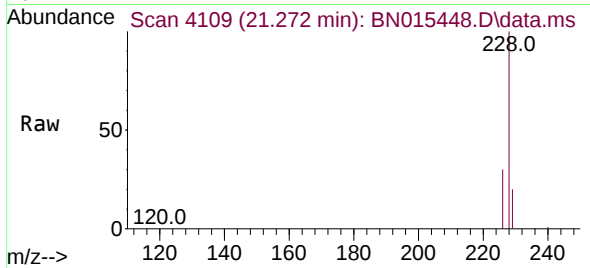
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Benzo(a)anthracene
Concen: 4.354 ng/ul
RT: 21.272 min Scan# 4109
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

Tgt Ion:228 Resp: 144951
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 29.9 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDW7

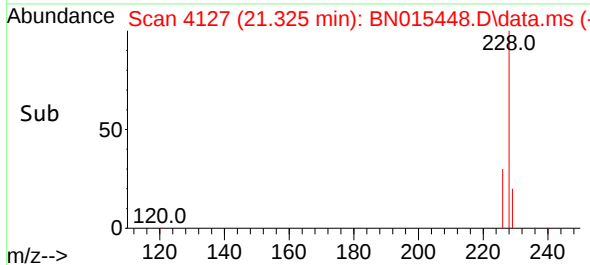
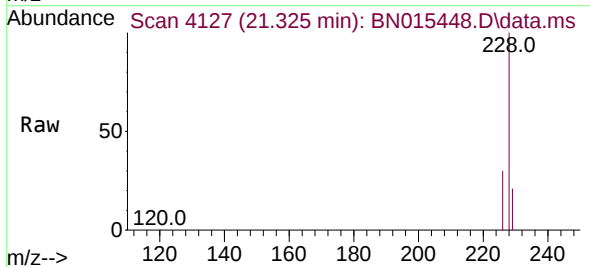
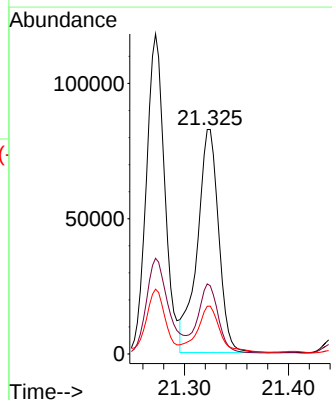
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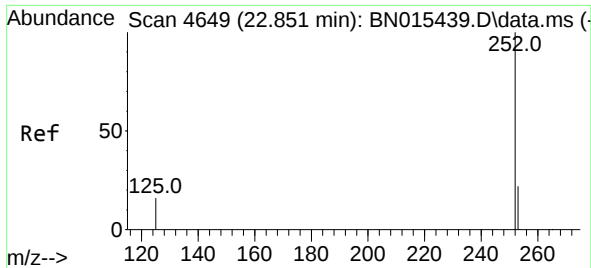
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#22
Chrysene
Concen: 2.943 ng/ul
RT: 21.325 min Scan# 4127
Delta R.T. 0.003 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

Tgt Ion:228 Resp: 117319
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.3 15.7 23.5





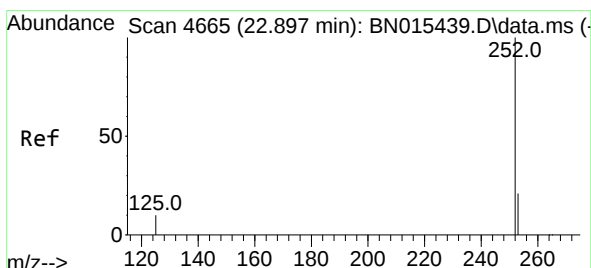
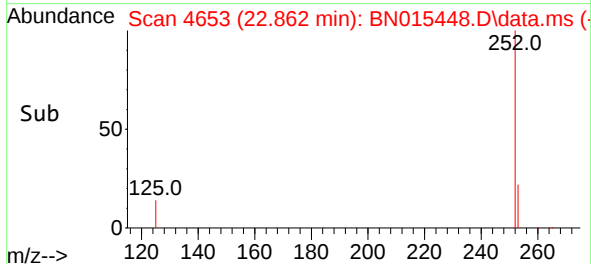
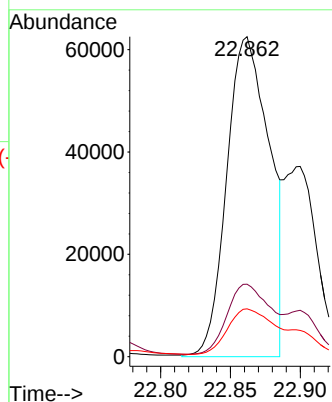
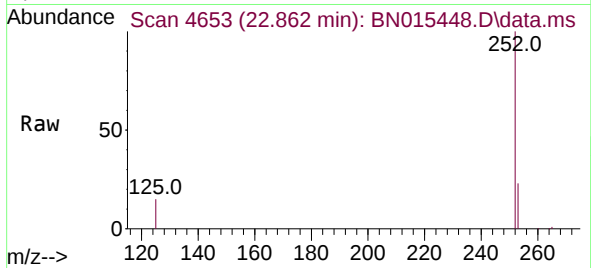
#24
Benzo(b)fluoranthene
Concen: 3.671 ng/ul m
RT: 22.862 min Scan# 4653
Delta R.T. 0.006 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

Tgt Ion:252 Resp: 132678
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 14.9 0.0 28.4

Instrument :
BNA_N
ClientSampleId :
BGDW7

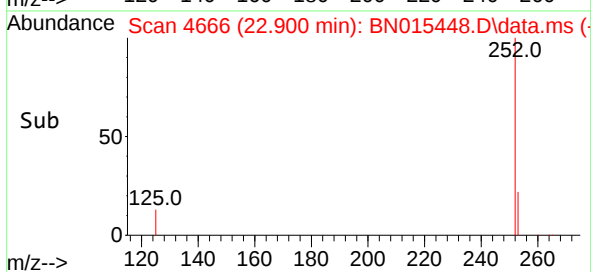
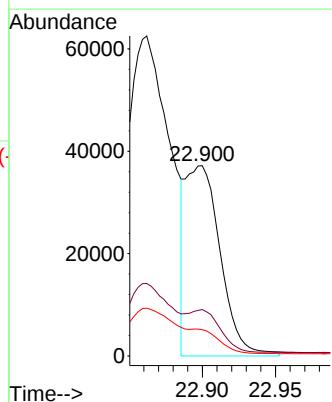
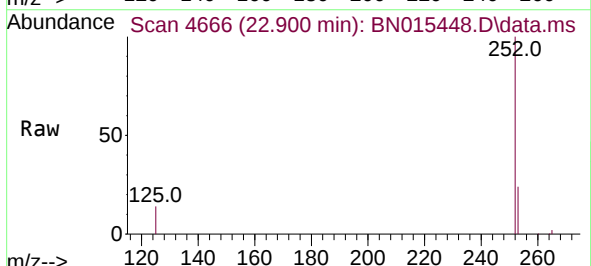
Manual Integrations
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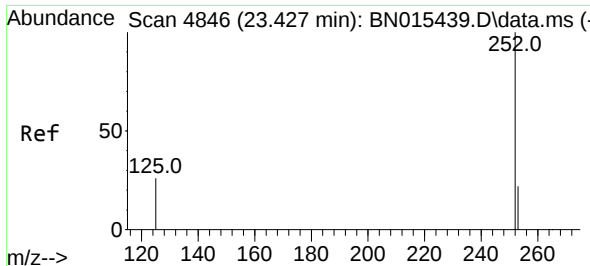
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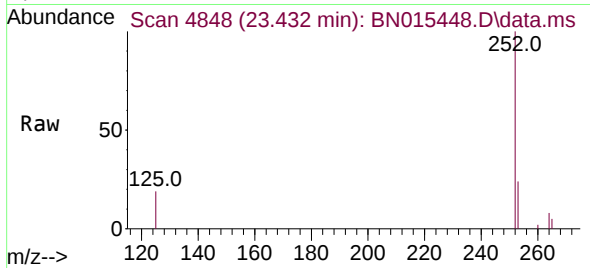
#25
Benzo(k)fluoranthene
Concen: 1.509 ng/ul m
RT: 22.900 min Scan# 4666
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23

Tgt Ion:252 Resp: 61569
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 13.8 11.5 17.3

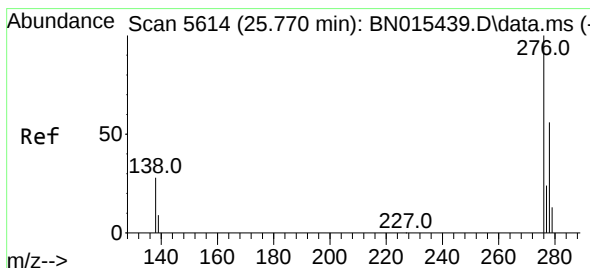
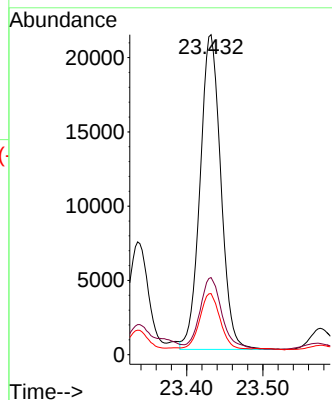
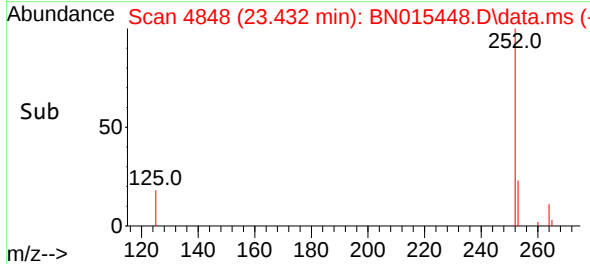




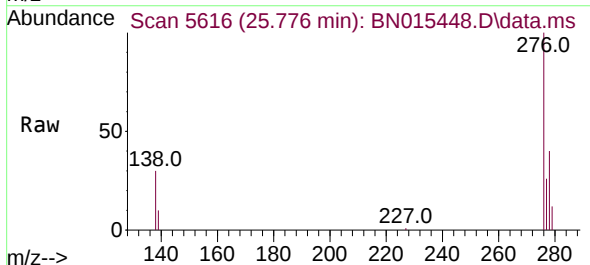
#26
Benzo(a)pyrene
Concen: 1.318 ng/ul
RT: 23.432 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



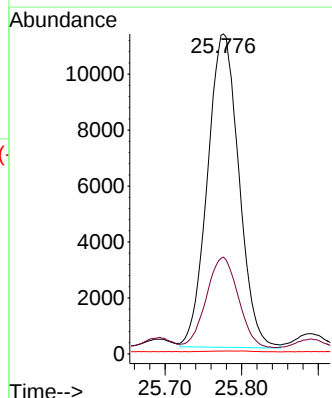
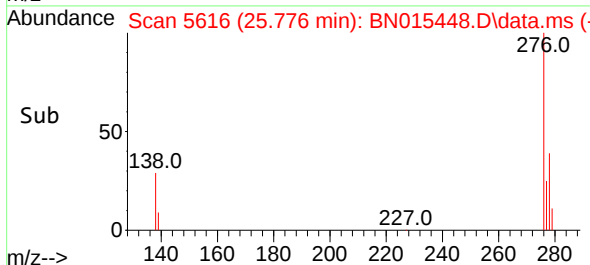
Tgt Ion:252 Resp: 39993
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 19.1 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.870 ng/ul
RT: 25.776 min Scan# 5616
Delta R.T. 0.000 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



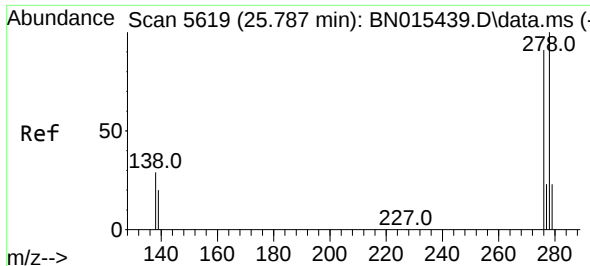
Tgt Ion:276 Resp: 31895
Ion Ratio Lower Upper
276 100
138 30.0 26.3 39.5
227 0.0 0.1 0.1#



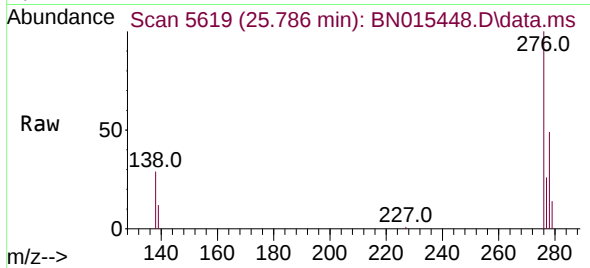
Instrument :
BNA_N
ClientSampleId :
BGDW7

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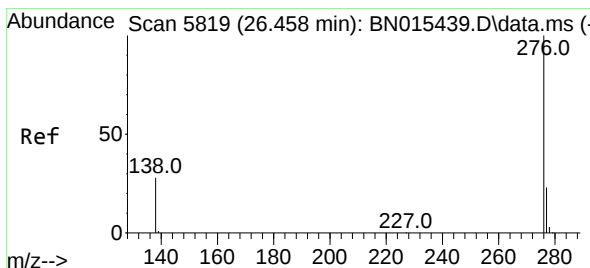
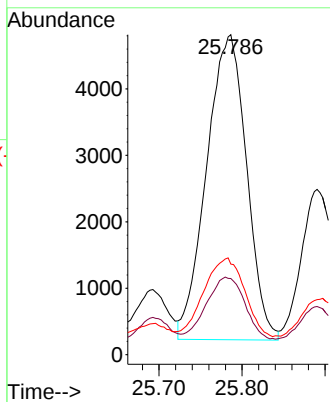
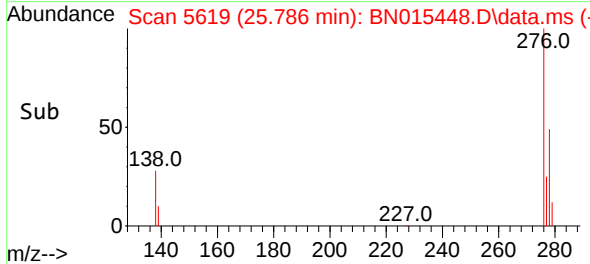
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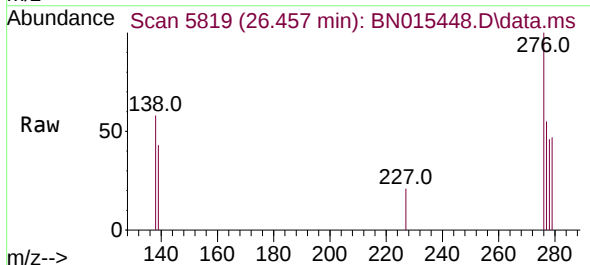
#28
Dibenzo(a,h)anthracene
Concen: 0.535 ng/ul
RT: 25.786 min Scan# 5619
Delta R.T. -0.003 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



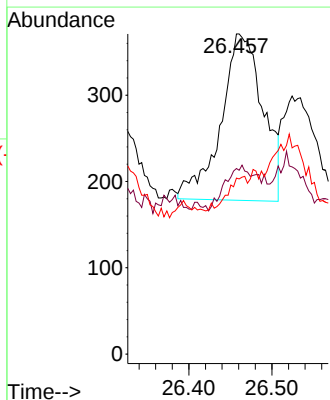
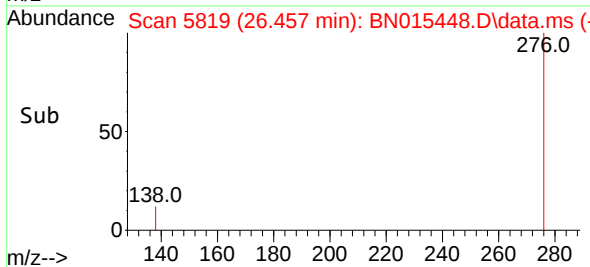
Tgt Ion: 278 Resp: 15368
Ion Ratio Lower Upper
278 100
139 23.8 18.9 28.3
279 28.3 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 26.457 min Scan# 5819
Delta R.T. -0.007 min
Lab File: BN015448.D
Acq: 09 Jul 2021 16:23



Tgt Ion: 276 Resp: 680
Ion Ratio Lower Upper
276 100
138 58.0 23.0 34.4#
277 55.0 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDW7

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