

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016173.D
 Acq On : 03 Sep 2021 13:27
 Operator : CG/JU
 Sample : M3472-04DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2DL

Manual Integrations
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Quant Time: Sep 03 13:56:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	15244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	9081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	18590	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	17961	0.400	ng/ul	0.00
23) Perylene-d12	23.836	264	18439	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1815	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	730	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	2201	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	15793	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	9108	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	7273	0.275	ng/ul	100
10) Acenaphthylene	14.224	152	90414	2.632	ng/ul	99
11) Acenaphthene	14.566	153	6268	0.218	ng/ul	98
12) Fluorene	15.556	166	10494	0.319	ng/ul	98
15) Phenanthrene	17.293	178	114680	2.141	ng/ul	98
16) Anthracene	17.386	178	61543	1.330	ng/ul	98
19) Fluoranthene	19.313	202	275761	4.609	ng/ul	98
20) Pyrene	19.676	202	249590	4.119	ng/ul	95
21) Benzo(a)anthracene	21.428	228	162896	2.966	ng/ul	94
22) Chrysene	21.477	228	140913	2.271	ng/ul	96
24) Benzo(b)fluoranthene	23.111	252	252309m	3.637	ng/ul	
25) Benzo(k)fluoranthene	23.152	252	108537m	1.555	ng/ul	
26) Benzo(a)pyrene	23.734	252	236661	4.022	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.317	276	183727	2.416	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.330	278	41079	0.656	ng/ul	93
29) Benzo(g,h,i)perylene	27.082	276	174903	2.650	ng/ul	98

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

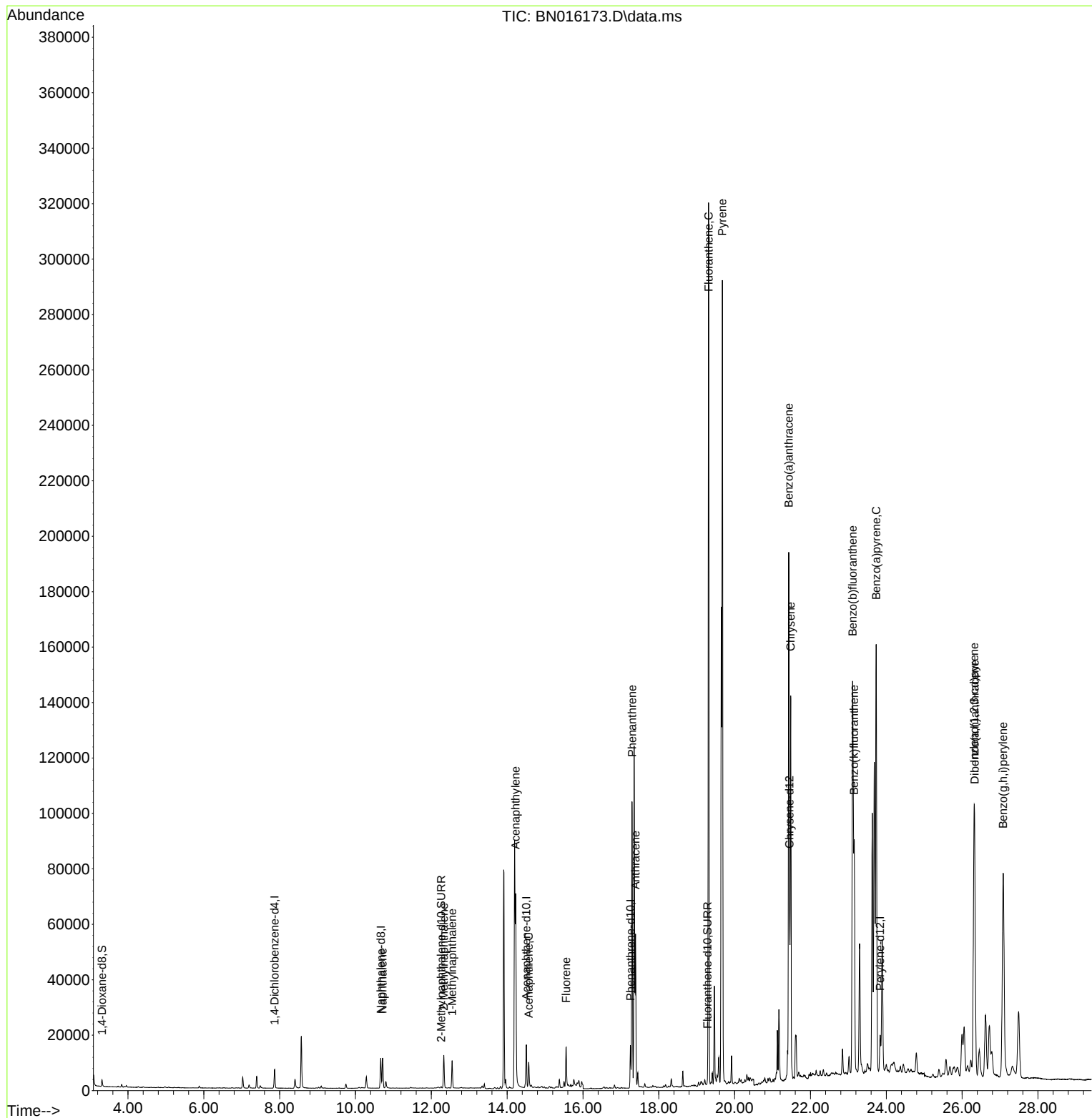
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016173.D
Acq On : 03 Sep 2021 13:27
Operator : CG/JU
Sample : M3472-04DL 5X
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ALS Vial : 42 Sample Multiplier: 1

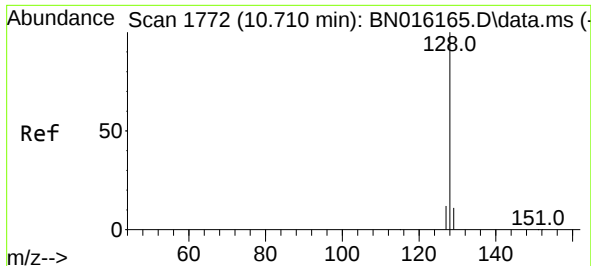
Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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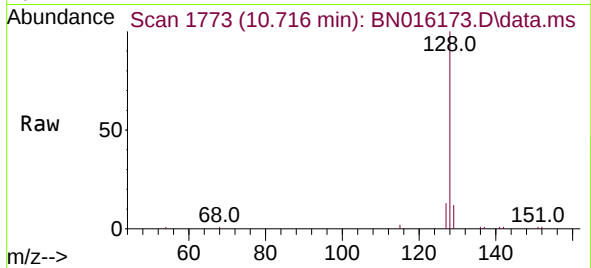
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Quant Time: Sep 03 13:56:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

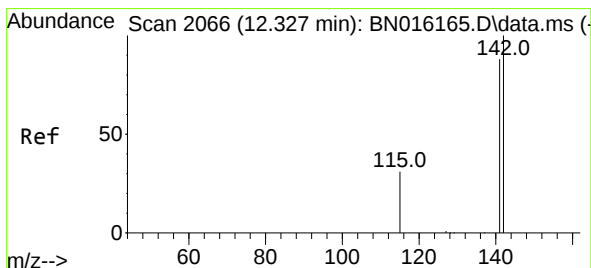
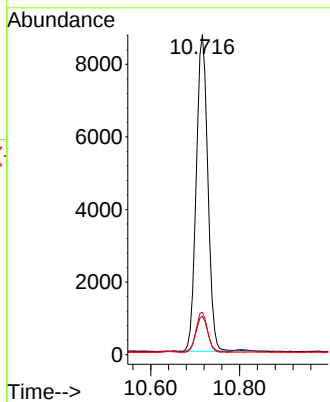
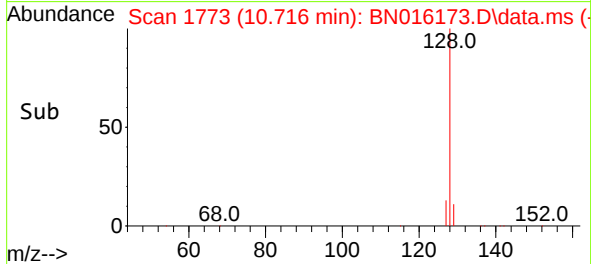




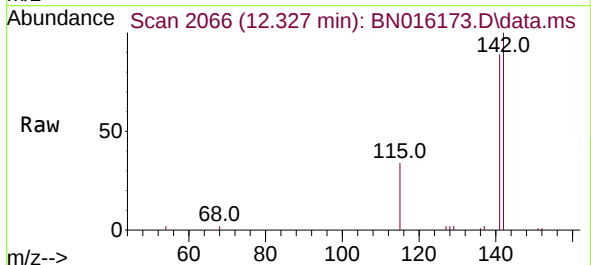
#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



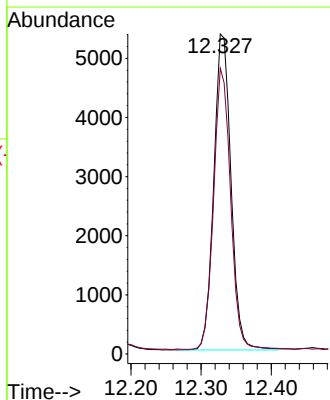
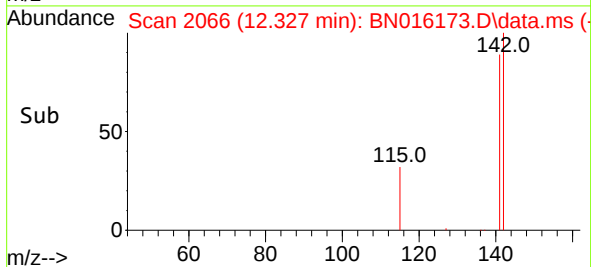
Tgt Ion:128 Resp: 15793
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



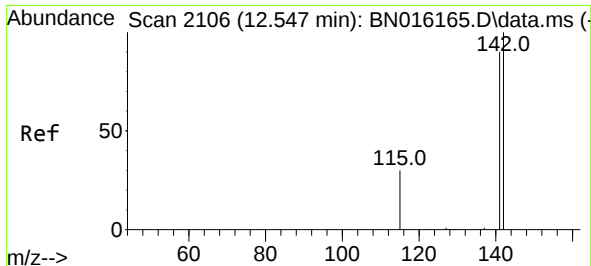
Tgt Ion:142 Resp: 9108
Ion Ratio Lower Upper
142 100
141 87.5 69.5 104.3



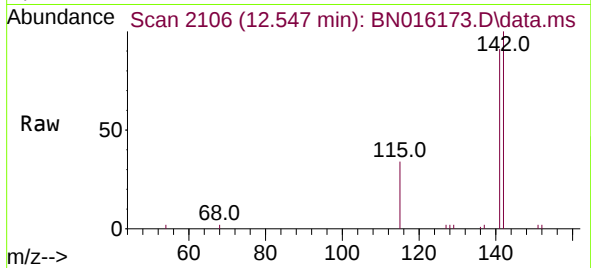
Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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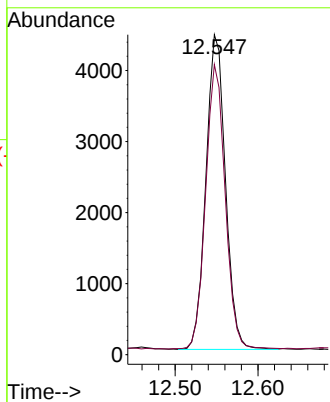
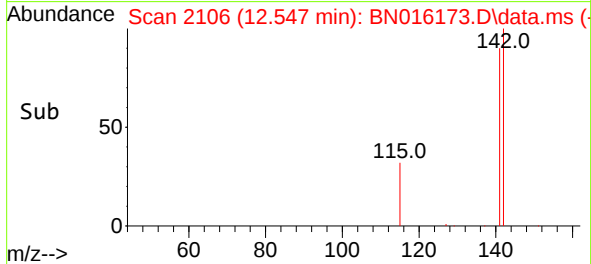
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#8
1-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



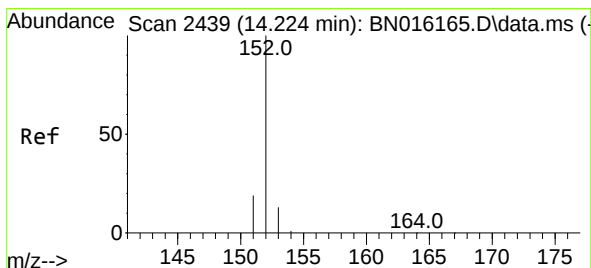
Tgt Ion:142 Resp: 7273
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4



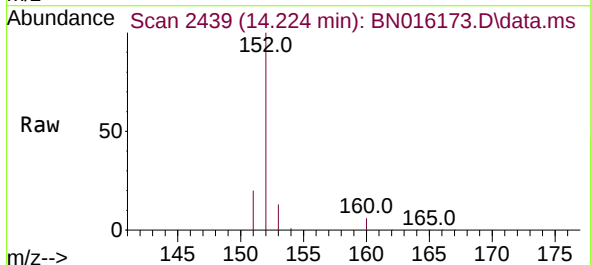
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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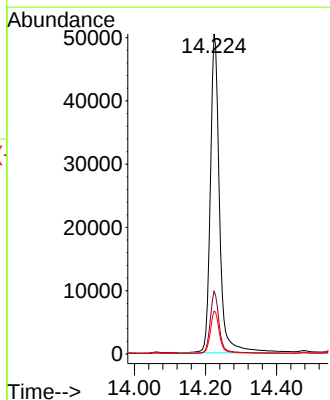
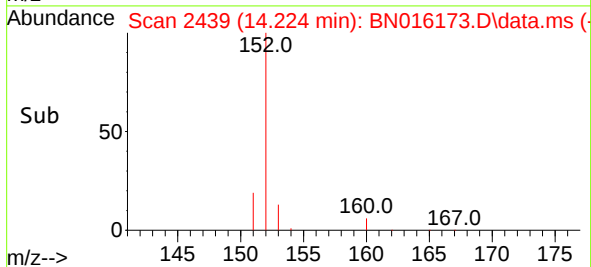
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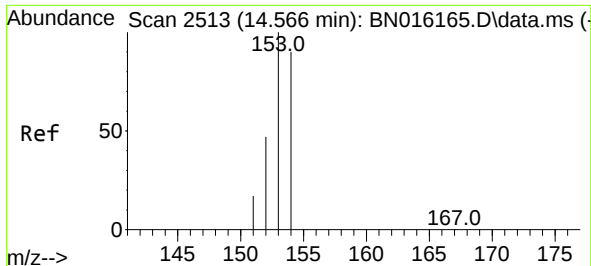


#10
Acenaphthylene
Concen: 2.632 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



Tgt Ion:152 Resp: 90414
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.4 11.2 16.8





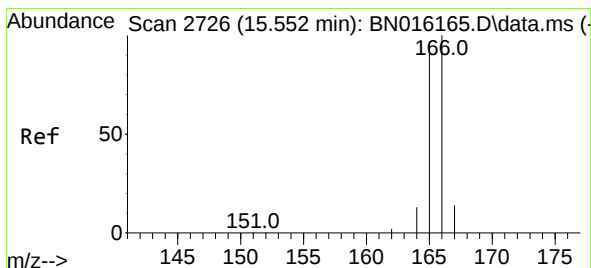
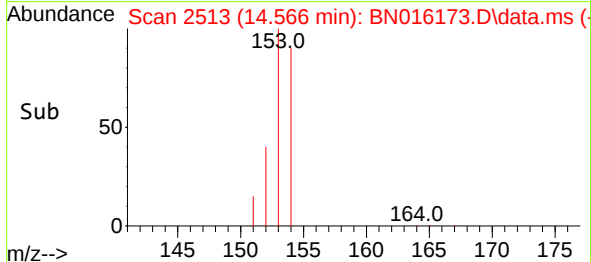
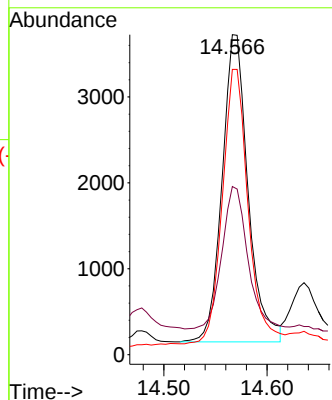
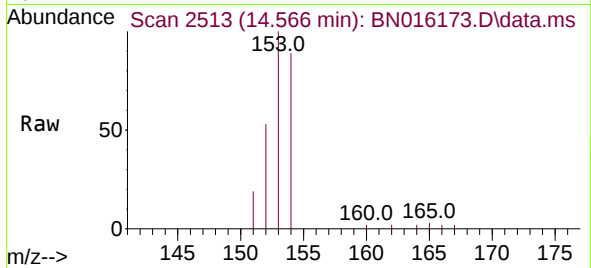
#11
Acenaphthene
Concen: 0.218 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.5	38.5	57.7
154	89.2	71.3	106.9

Instrument :
BNA_N
ClientSampleID :
C0AC2DL

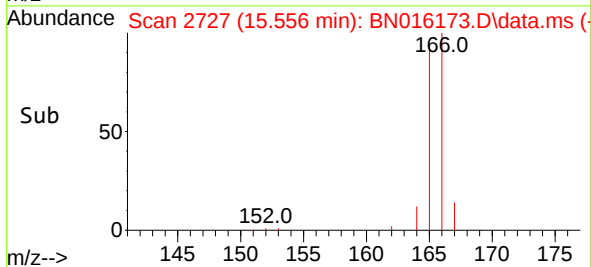
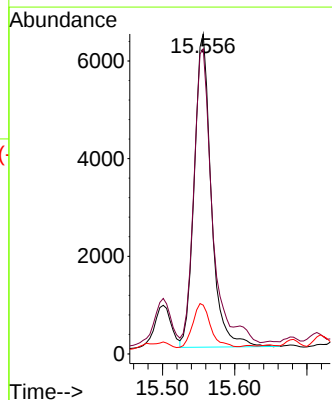
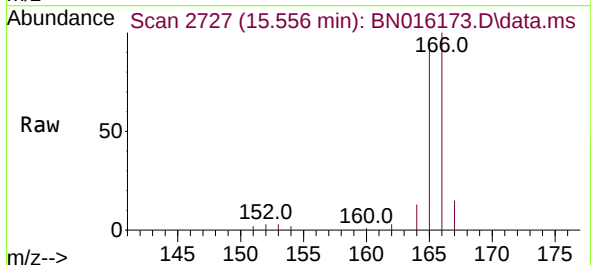
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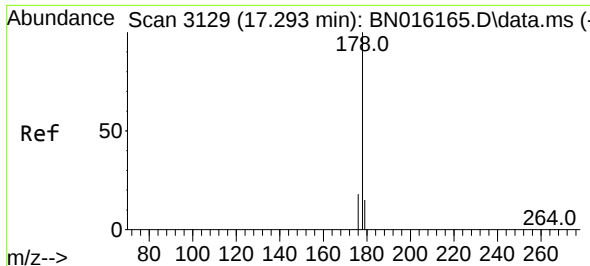
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#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

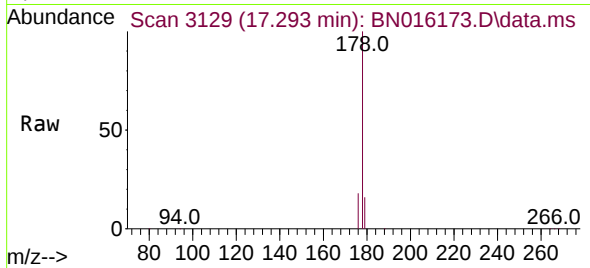
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.9	116.9
167	15.2	11.8	17.8





#15
Phenanthrene
Concen: 2.141 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

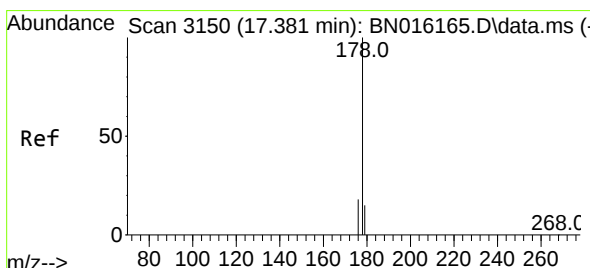
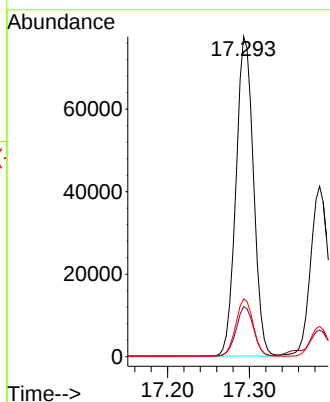
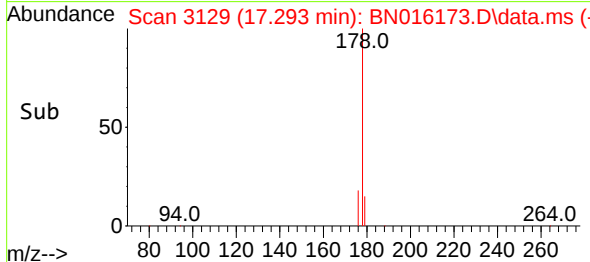
Instrument :
BNA_N
ClientSampled :
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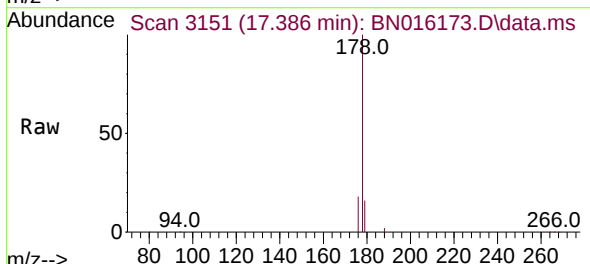
Tgt Ion:178 Resp: 114680
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 18.1 15.2 22.8

Manual Integrations
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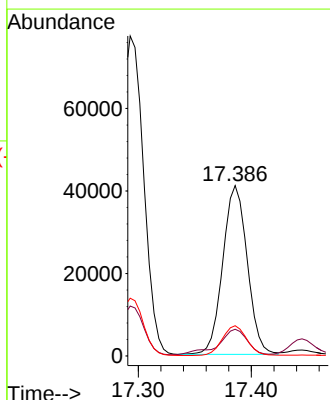
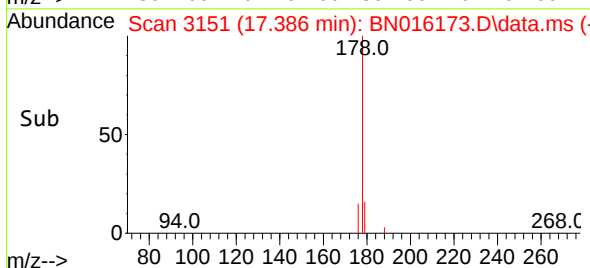
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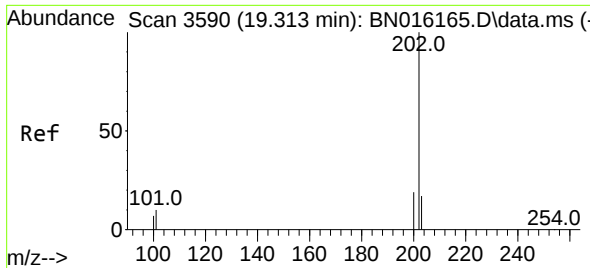


#16
Anthracene
Concen: 1.330 ng/ul
RT: 17.386 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



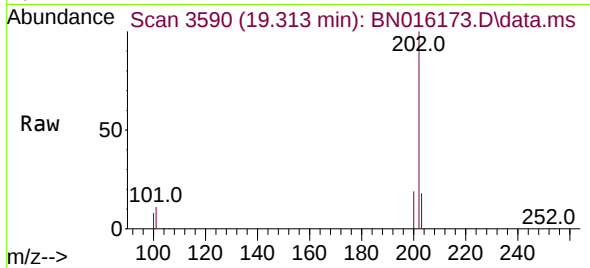
Tgt Ion:178 Resp: 61543
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 17.8 14.9 22.3





#19
Fluoranthene
Concen: 4.609 ng/uI
RT: 19.313 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

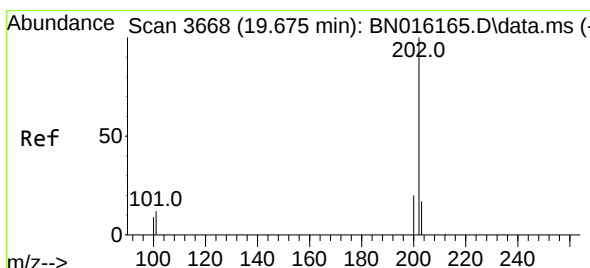
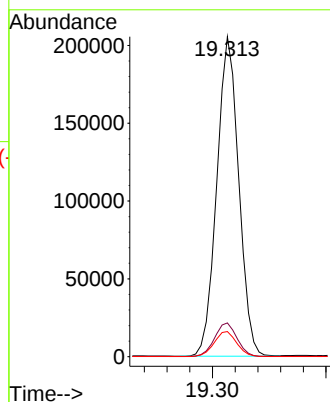
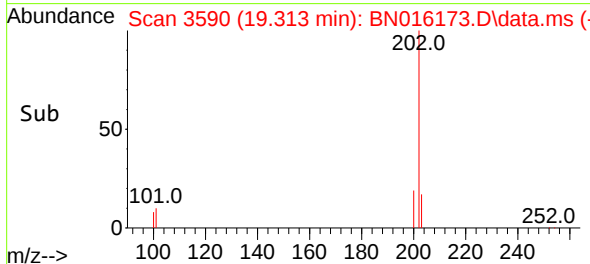
Instrument :
BNA_N
ClientSampleId :
C0AC2DL



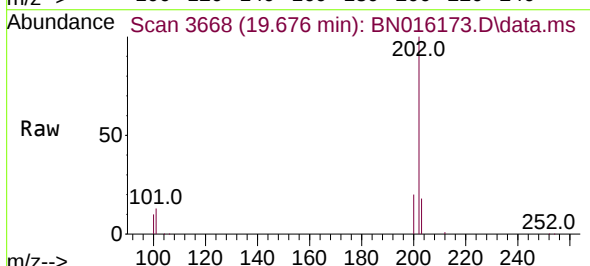
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.2	13.8
100	7.9	6.7	10.1

Manual Integrations
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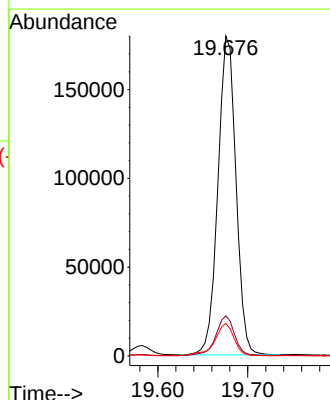
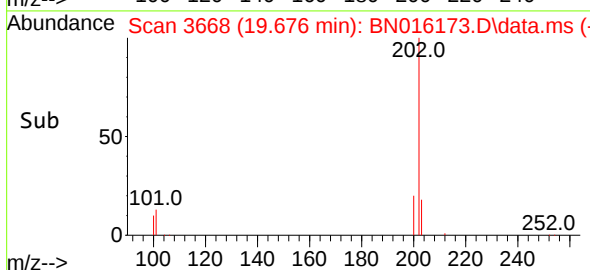
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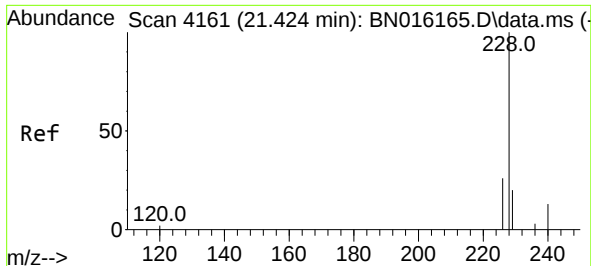


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Pyrene
Concen: 4.119 ng/uI
RT: 19.676 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

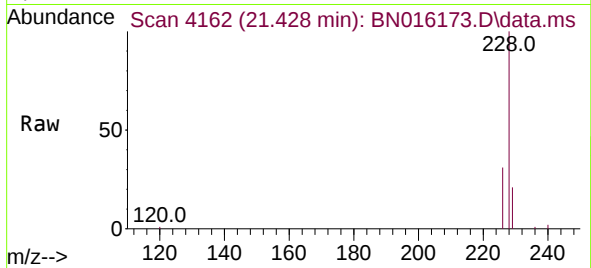


Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.5	17.3
100	10.1	9.8	14.8

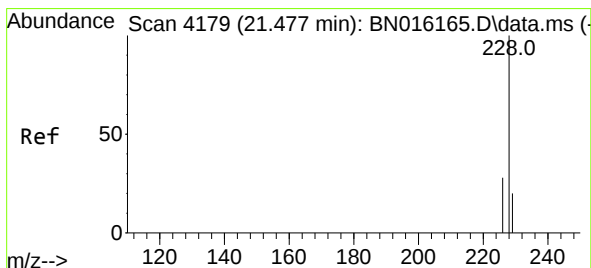
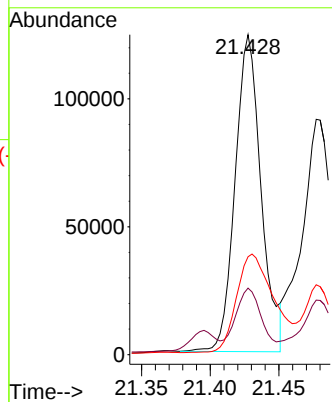
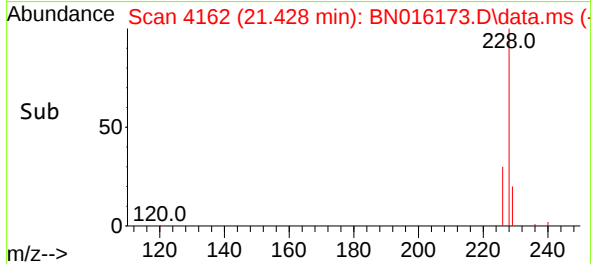




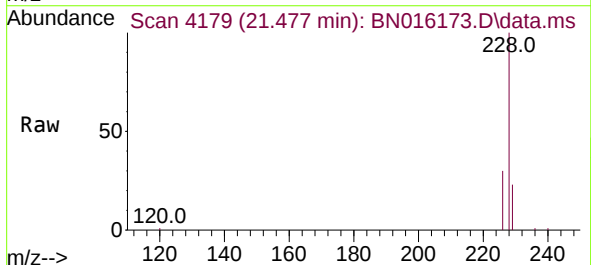
#21
Benzo(a)anthracene
Concen: 2.966 ng/ul
RT: 21.428 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



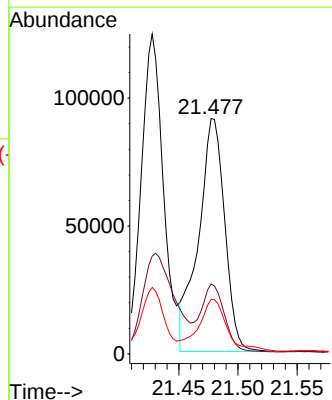
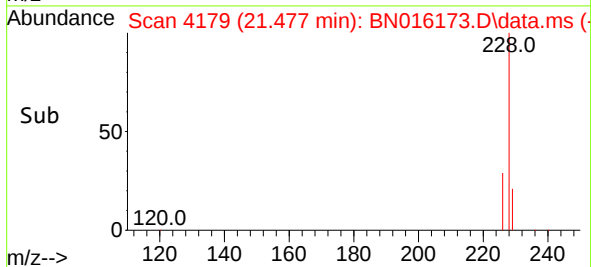
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Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 30.6 20.8 31.2



#22
Chrysene
Concen: 2.271 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



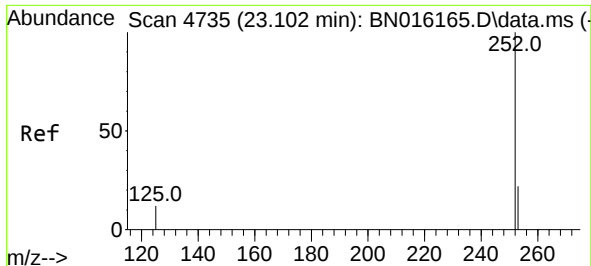
Tgt Ion:228 Resp: 140913
Ion Ratio Lower Upper
228 100
226 29.7 23.2 34.8
229 23.2 15.6 23.4



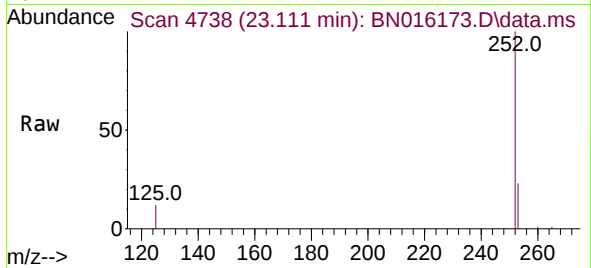
Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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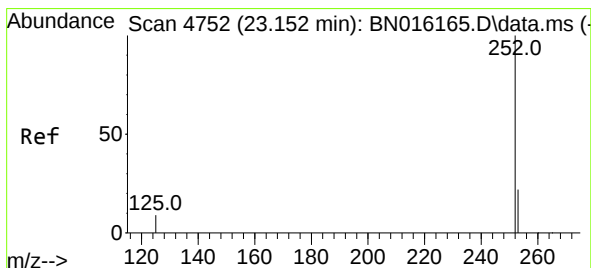
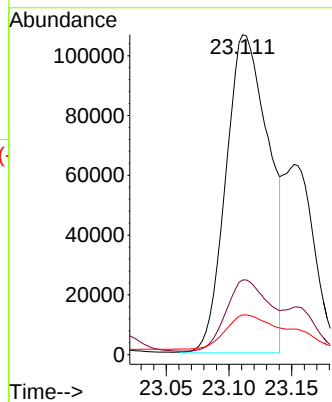
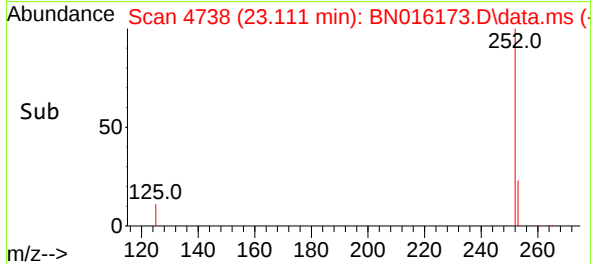
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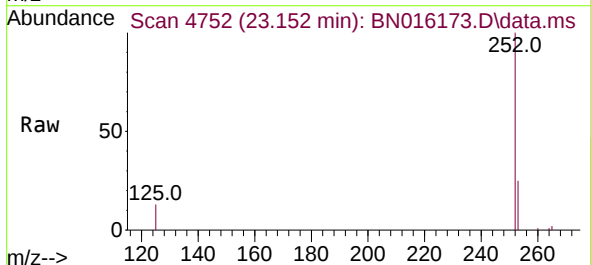
#24
Benzo(b)fluoranthene
Concen: 3.637 ng/ul m
RT: 23.111 min Scan# 4738
Delta R.T. 0.006 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



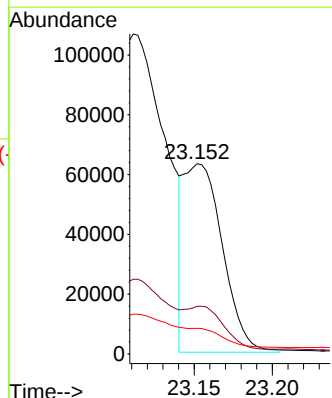
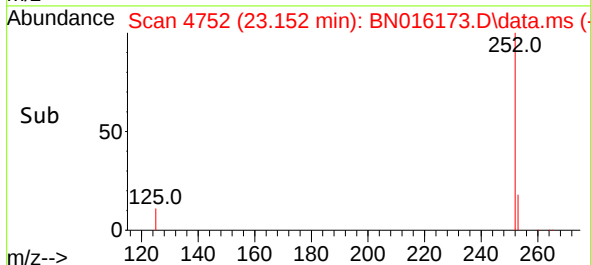
Tgt Ion:252 Resp: 252309
Ion Ratio Lower Upper
252 100
253 23.4 0.0 49.4
125 12.5 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 1.555 ng/ul m
RT: 23.152 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



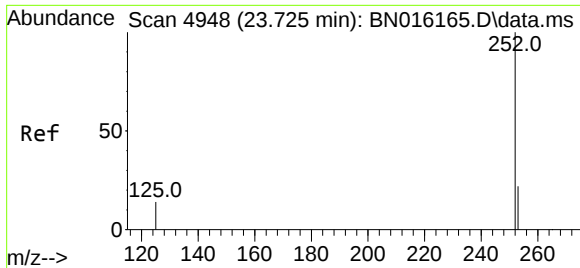
Tgt Ion:252 Resp: 108537
Ion Ratio Lower Upper
252 100
253 25.1 19.4 29.0
125 13.5 10.9 16.3



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

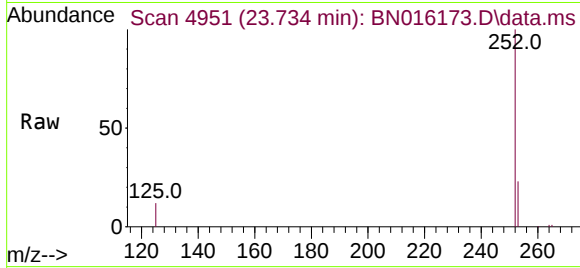
Manual Integrations
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#26
Benzo(a)pyrene
Concen: 4.022 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

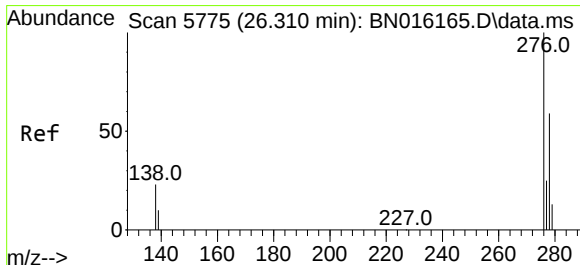
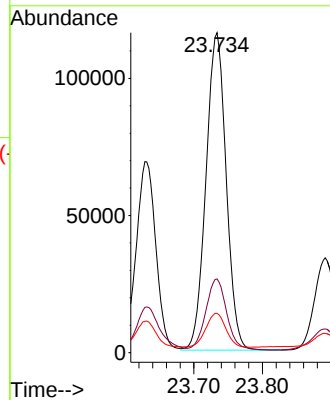
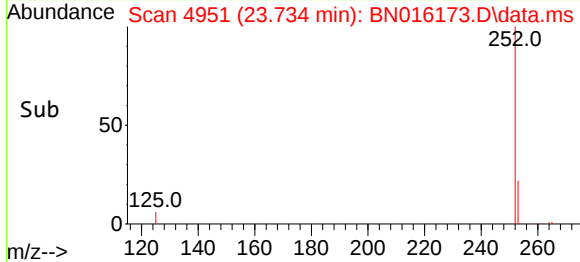
Instrument :
BNA_N
ClientSampleId :
C0AC2DL



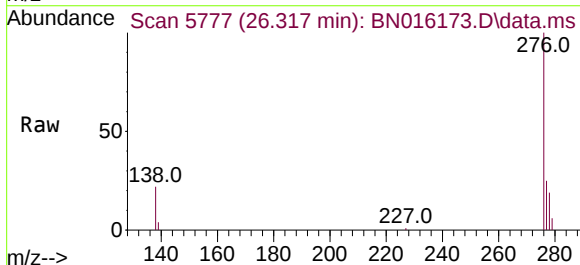
Tgt Ion:252 Resp: 236661
Ion Ratio Lower Upper
252 100
253 23.0 20.2 30.2
125 12.3 12.6 18.8#

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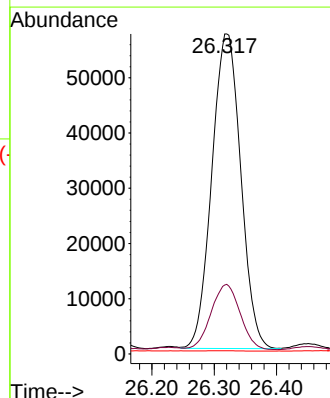
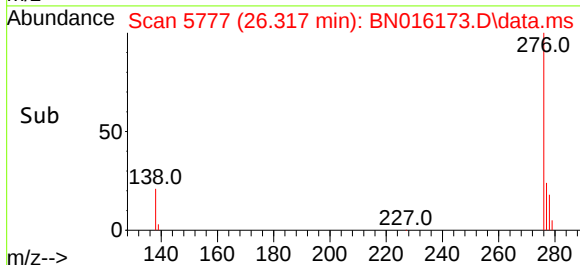
mohammad
9/7/2021 11:32:38 AM

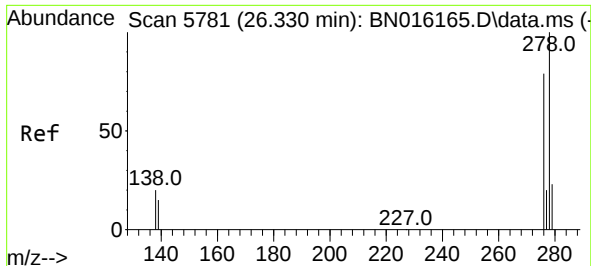


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.416 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27



Tgt Ion:276 Resp: 183727
Ion Ratio Lower Upper
276 100
138 20.9 22.7 34.1#
227 0.1 0.2 0.2#





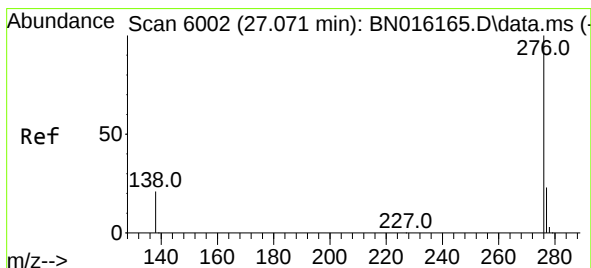
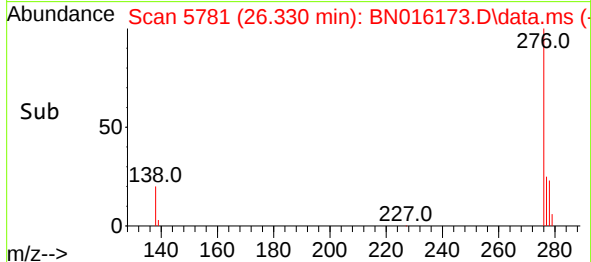
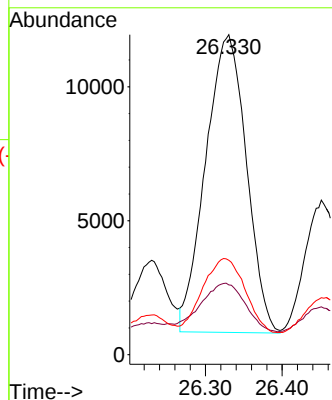
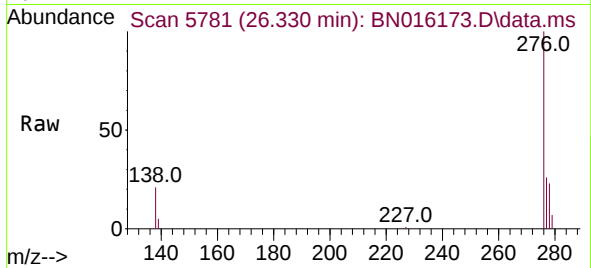
#28
Dibenzo(a,h)anthracene
Concen: 0.656 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.000 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

Tgt Ion: 278 Resp: 41079
Ion Ratio Lower Upper
278 100
139 21.8 15.1 22.7
279 29.5 20.5 30.7

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations
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9/7/2021 11:32:38 AM



#29
Benzo(g,h,i)perylene
Concen: 2.650 ng/ul
RT: 27.082 min Scan# 6005
Delta R.T. 0.007 min
Lab File: BN016173.D
Acq: 03 Sep 2021 13:27

Tgt Ion: 276 Resp: 174903
Ion Ratio Lower Upper
276 100
138 22.2 19.3 28.9
277 24.9 19.8 29.8

