

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016238.D
 Acq On : 07 Sep 2021 16:25
 Operator : CG/JU
 Sample : M3486-16DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 9/8/2021 7:00:46 AM

Quant Time: Sep 07 16:58:04 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 : Tue Sep 07 12:55:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	1900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.655	136	8157	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	6803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	19600	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	21601	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	21155	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	791	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	301	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	1592	0.027	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.705	128	7055	0.325	ng/ul	98
7) 2-Methylnaphthalene	12.322	142	6110	0.431	ng/ul	100
8) 1-Methylnaphthalene	12.536	142	5210	0.368	ng/ul	100
10) Acenaphthylene	14.216	152	4568	0.178	ng/ul#	93
12) Fluorene	15.543	166	639	0.026	ng/ul#	67
15) Phenanthrene	17.281	178	13466	0.238	ng/ul	99
16) Anthracene	17.374	178	3287	0.067	ng/ul#	92
19) Fluoranthene	19.305	202	15653	0.218	ng/ul	99
20) Pyrene	19.667	202	22365	0.307	ng/ul#	94
21) Benzo(a)anthracene	21.418	228	14104	0.214	ng/ul#	87
22) Chrysene	21.467	228	18582	0.249	ng/ul#	94
24) Benzo(b)fluoranthene	23.092	252	18987m	0.239	ng/ul	
25) Benzo(k)fluoranthene	23.136	252	6313m	0.079	ng/ul	
26) Benzo(a)pyrene	23.712	252	12602	0.187	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.286	276	8143	0.093	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.296	278	2724	0.038	ng/ul#	41
29) Benzo(g,h,i)perylene	27.050	276	8270	0.109	ng/ul#	88

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

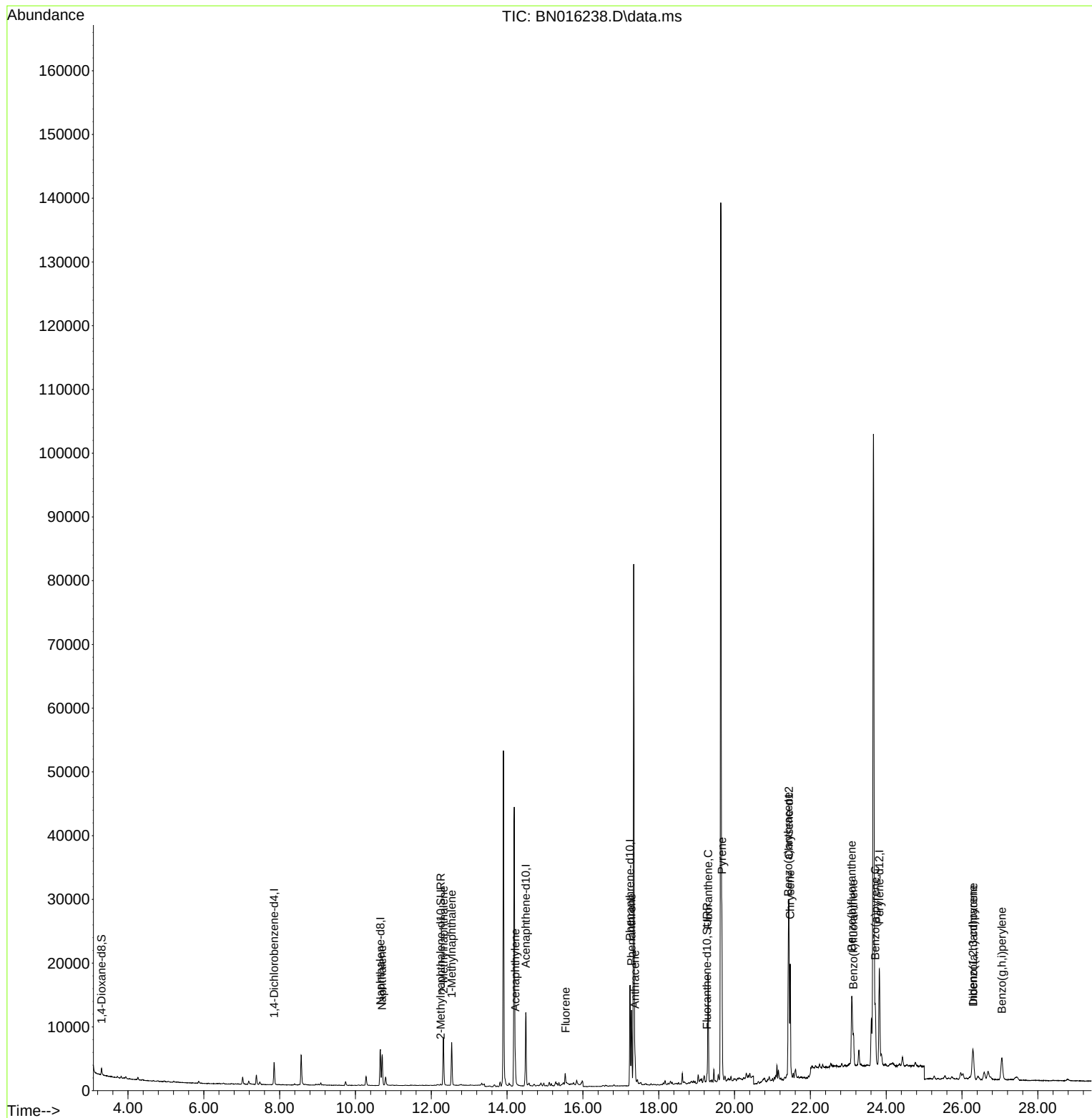
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Data File : BN016238.D
Acq On : 07 Sep 2021 16:25
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

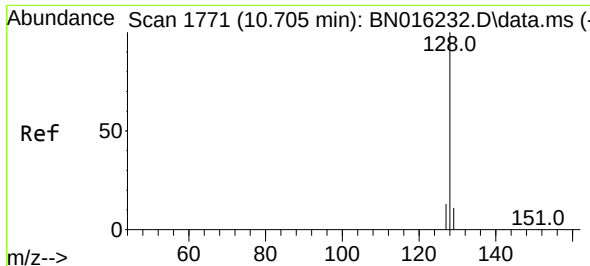
Instrument :
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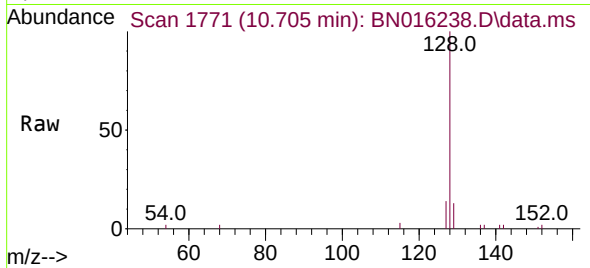
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Quant Time: Sep 07 16:58:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

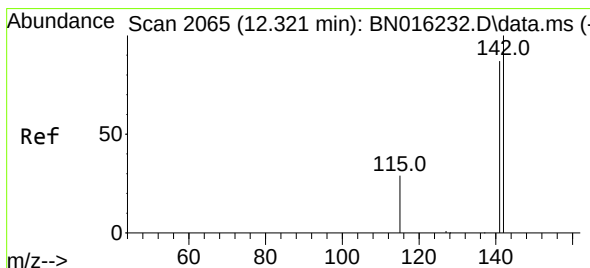
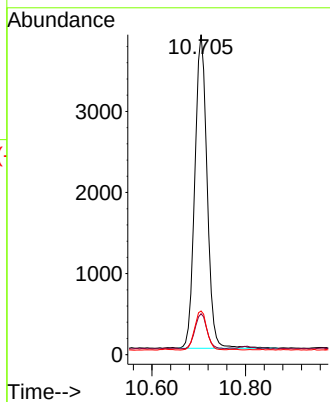
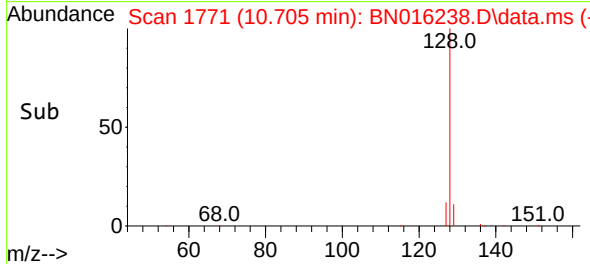




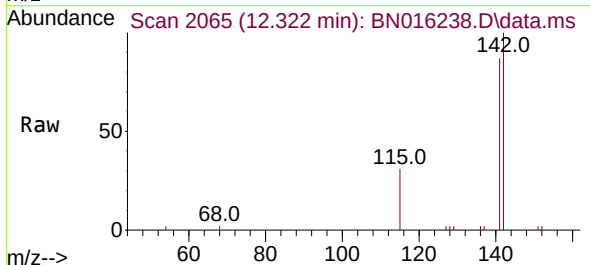
#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



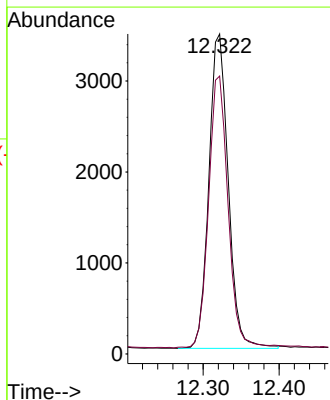
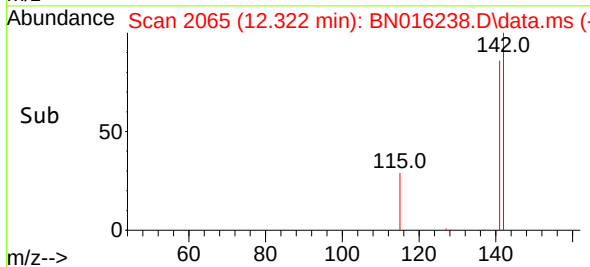
Tgt Ion:128 Resp: 7055
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.2
127 13.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



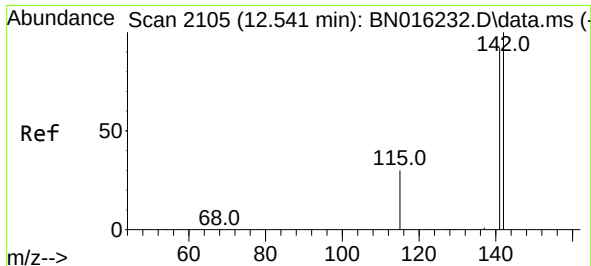
Tgt Ion:142 Resp: 6110
Ion Ratio Lower Upper
142 100
141 87.0 69.5 104.3



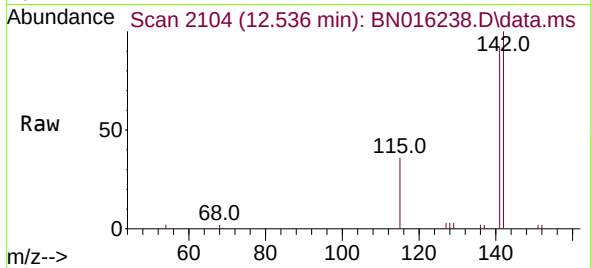
Instrument :
BNA_N
ClientSampleId :
C0B24DL

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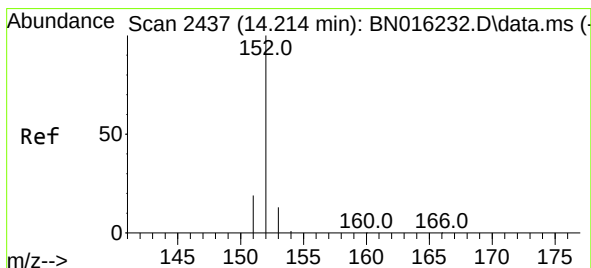
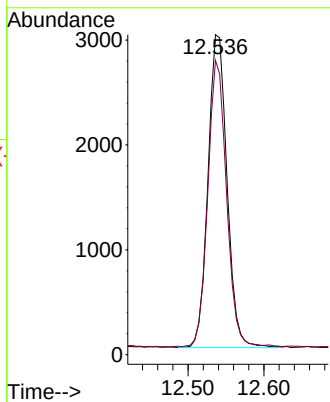
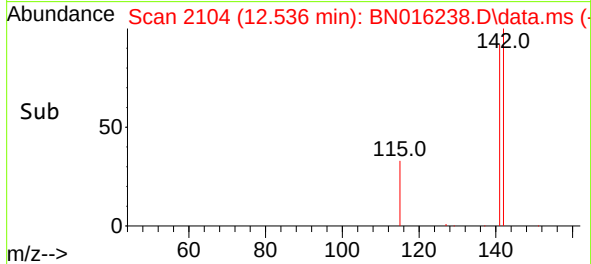
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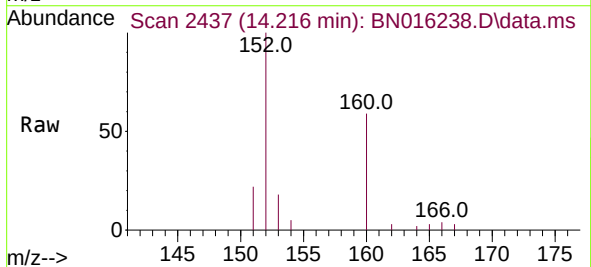
#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



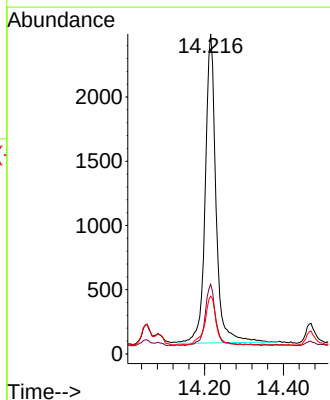
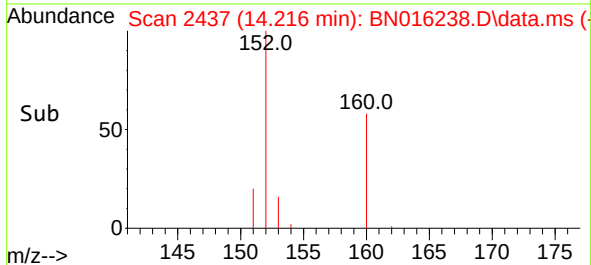
Tgt Ion:142 Resp: 5210
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4



#10
Acenaphthylene
Concen: 0.178 ng/ul
RT: 14.216 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



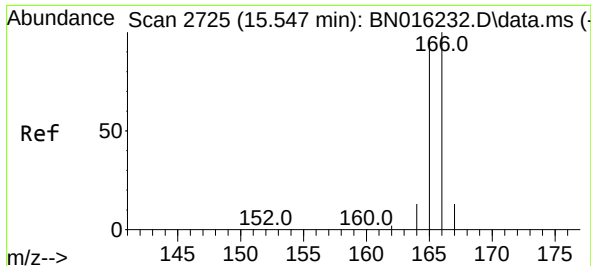
Tgt Ion:152 Resp: 4568
Ion Ratio Lower Upper
152 100
151 21.8 15.8 23.6
153 18.0 11.2 16.8#



Instrument :
BNA_N
ClientSampleId :
C0B24DL

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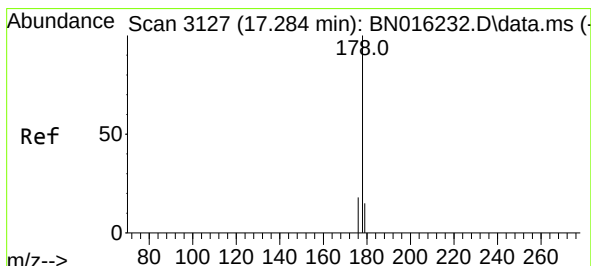
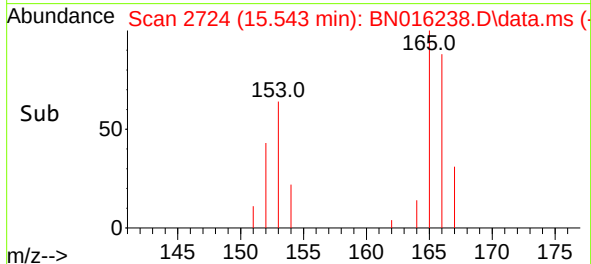
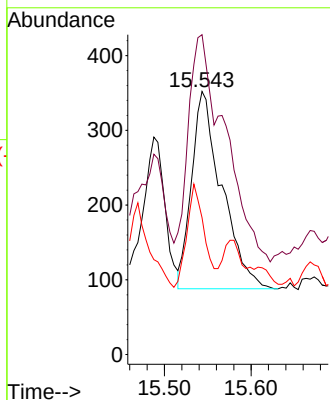
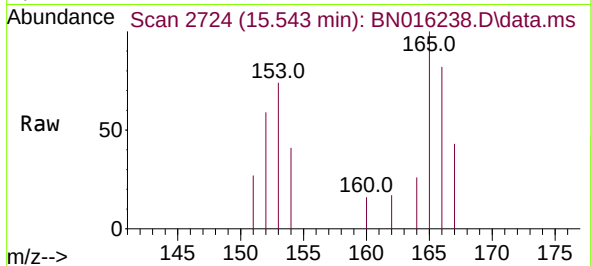
#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.543 min Scan# 2724
Delta R.T. -0.003 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

Tgt Ion:166 Resp: 639
Ion Ratio Lower Upper
166 100
165 121.6 77.9 116.9#
167 52.0 11.8 17.8#

Instrument :
BNA_N
ClientSampled :
C0B24DL

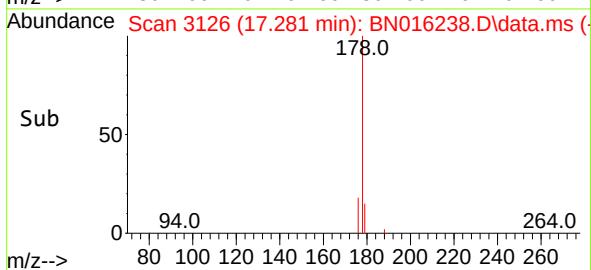
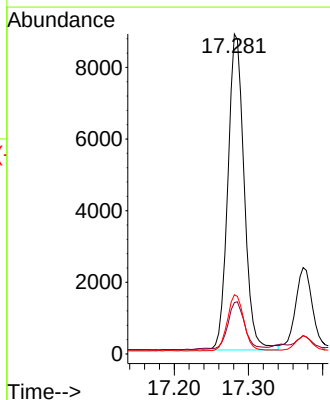
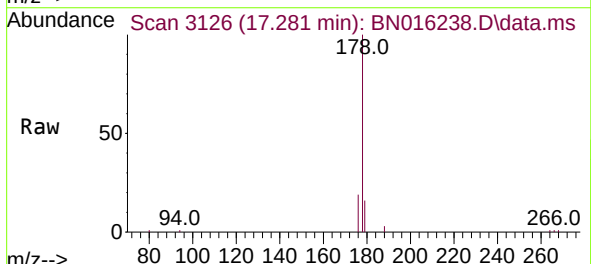
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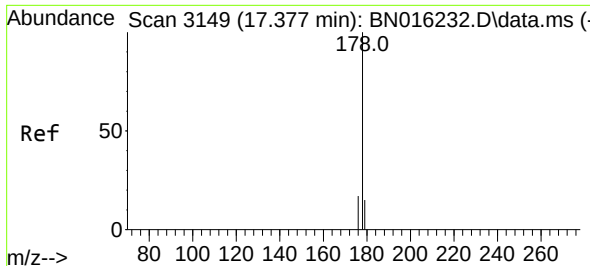
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#15
Phenanthrene
Concen: 0.238 ng/ul
RT: 17.281 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

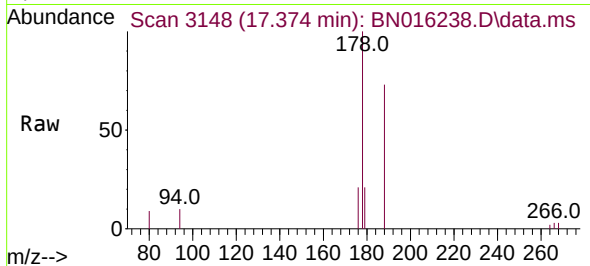
Tgt Ion:178 Resp: 13466
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 18.5 15.2 22.8





#16
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.374 min Scan# 3148
 Delta R.T. -0.003 min
 Lab File: BN016238.D
 Acq: 07 Sep 2021 16:25

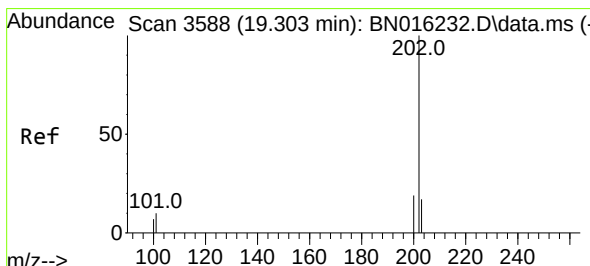
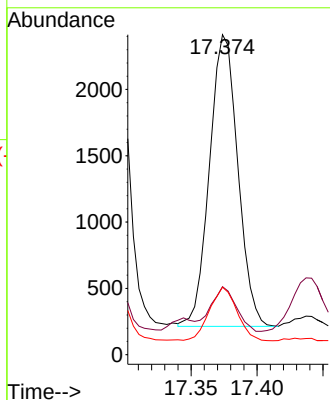
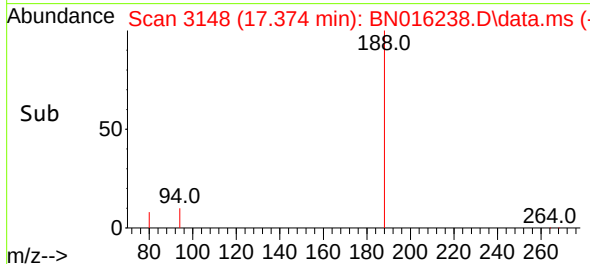
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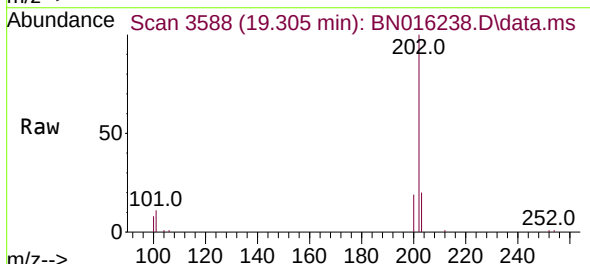
Tgt Ion:178 Resp: 3287
 Ion Ratio Lower Upper
 178 100
 179 21.3 13.3 19.9#
 176 21.1 14.9 22.3

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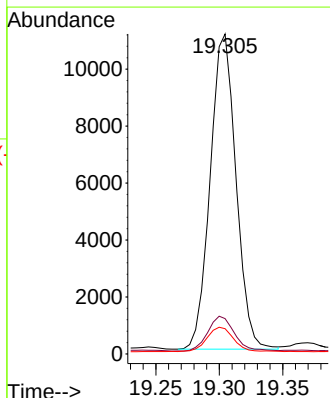
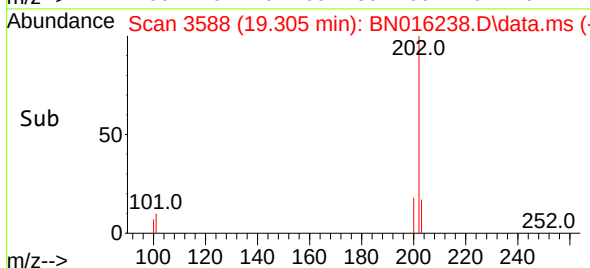
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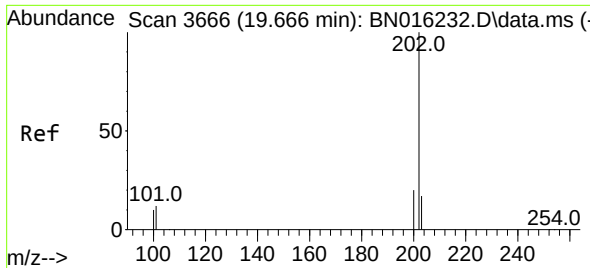


#19
 Fluoranthene
 Concen: 0.218 ng/ul
 RT: 19.305 min Scan# 3588
 Delta R.T. 0.001 min
 Lab File: BN016238.D
 Acq: 07 Sep 2021 16:25



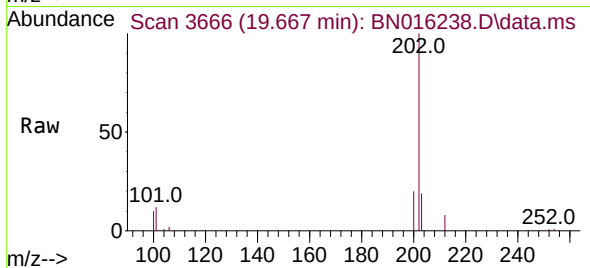
Tgt Ion:202 Resp: 15653
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.2 13.8
 100 7.9 6.7 10.1





#20
Pyrene
Concen: 0.307 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

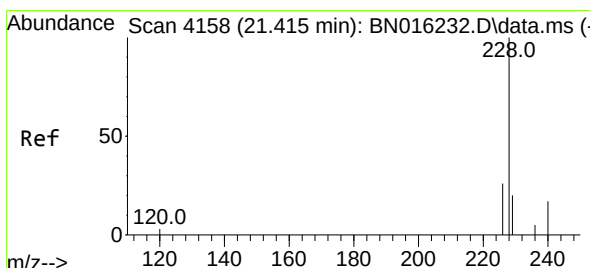
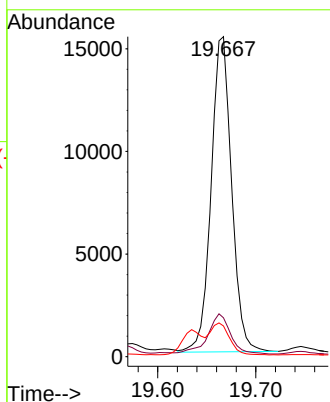
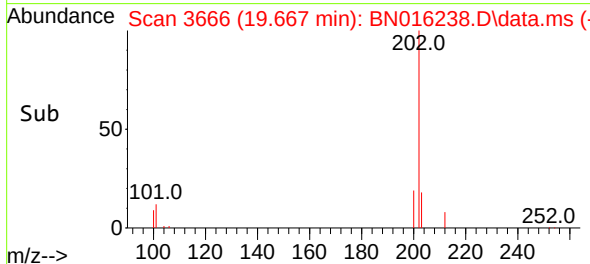
Instrument :
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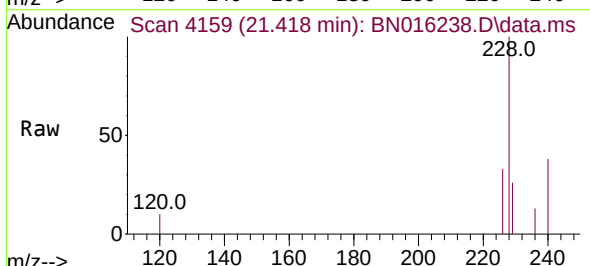
Tgt Ion:202 Resp: 22365
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 9.6 9.8 14.8#

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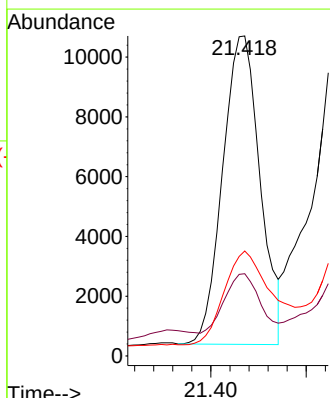
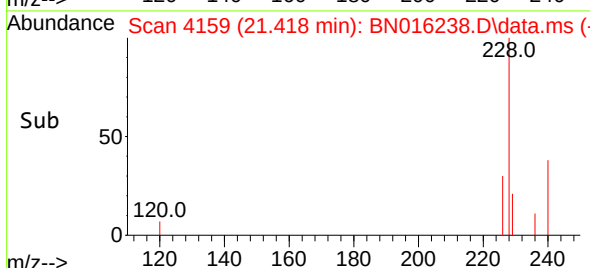
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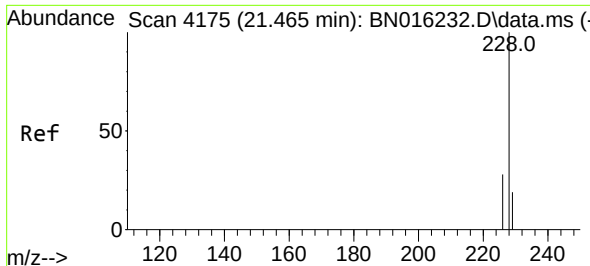


#21
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. 0.002 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

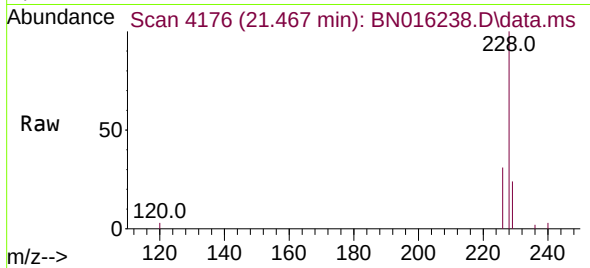


Tgt Ion:228 Resp: 14104
Ion Ratio Lower Upper
228 100
229 25.7 15.7 23.5#
226 32.8 20.8 31.2#

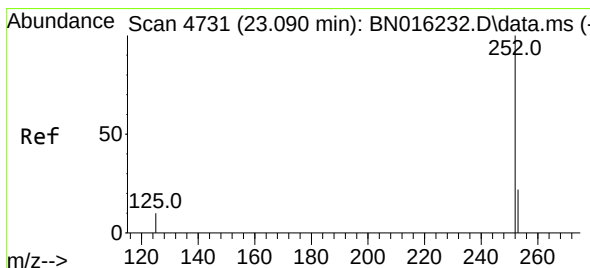
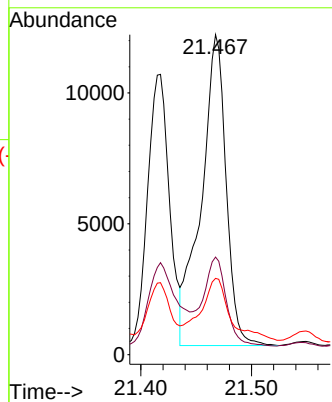
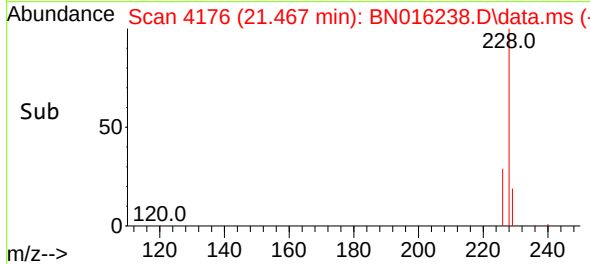




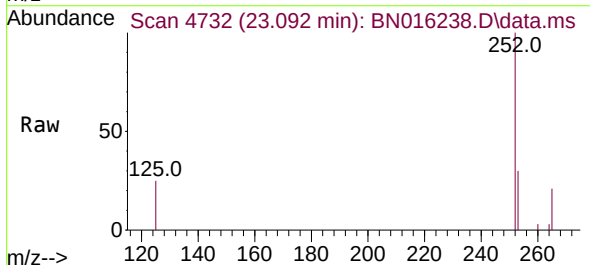
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Chrysene
Concen: 0.249 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.002 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



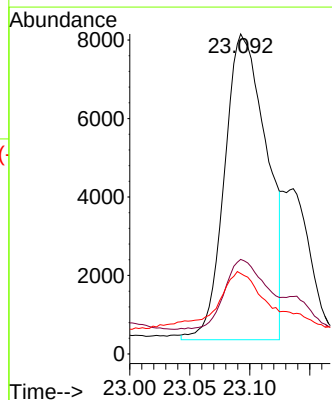
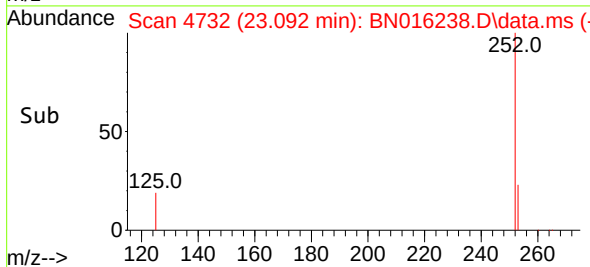
Tgt Ion:228 Resp: 18582
Ion Ratio Lower Upper
228 100
226 30.5 23.2 34.8
229 23.8 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul m
RT: 23.092 min Scan# 4732
Delta R.T. 0.002 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25



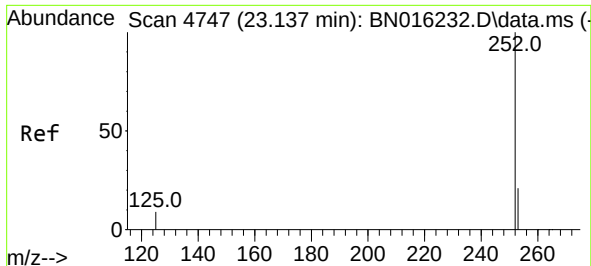
Tgt Ion:252 Resp: 18987
Ion Ratio Lower Upper
252 100
253 29.5 0.0 49.4
125 25.1 0.0 27.0



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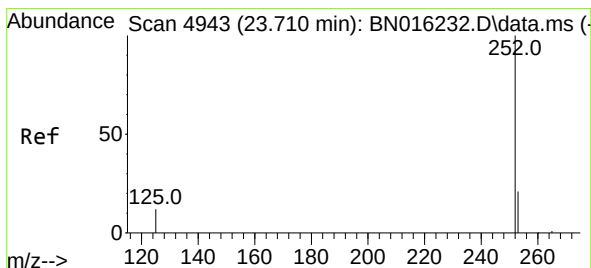
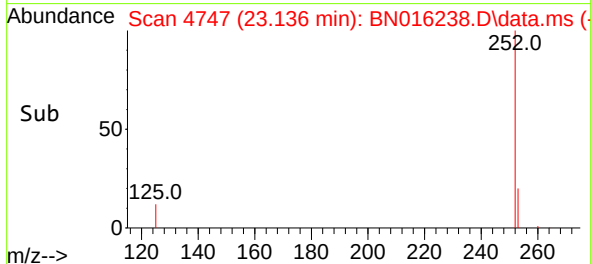
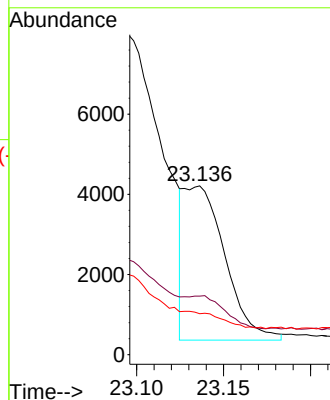
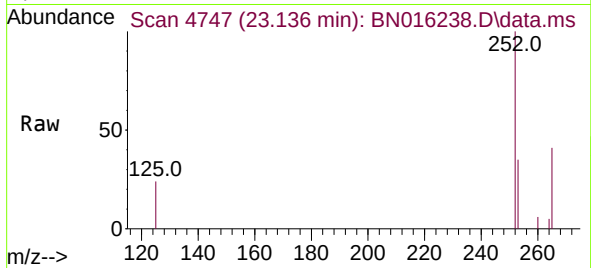
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Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.001 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.8	19.4	29.0#
125	24.3	10.9	16.3#

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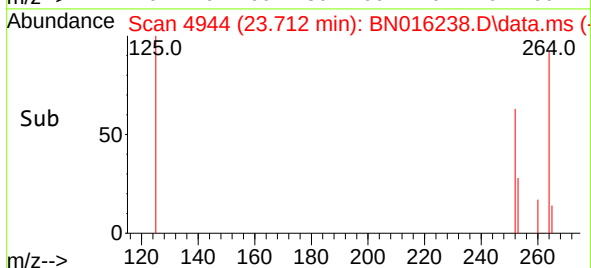
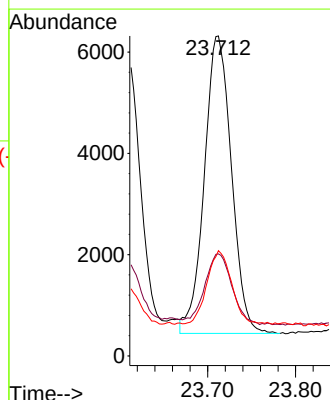
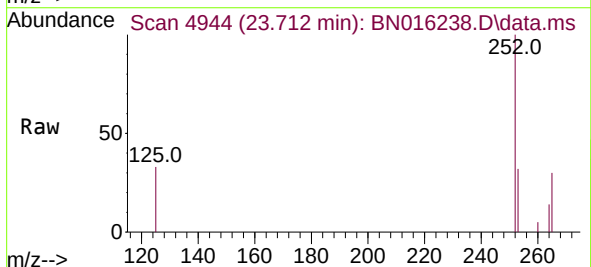
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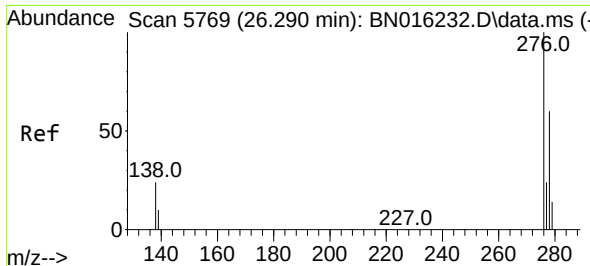
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#26
Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.002 min
Lab File: BN016238.D
Acq: 07 Sep 2021 16:25

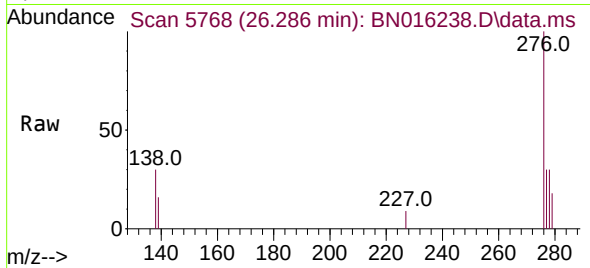
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	20.2	30.2#
125	32.9	12.6	18.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.093 ng/ul
 RT: 26.286 min Scan# 5768
 Delta R.T. -0.004 min
 Lab File: BN016238.D
 Acq: 07 Sep 2021 16:25

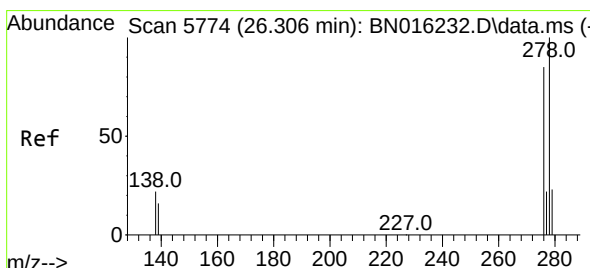
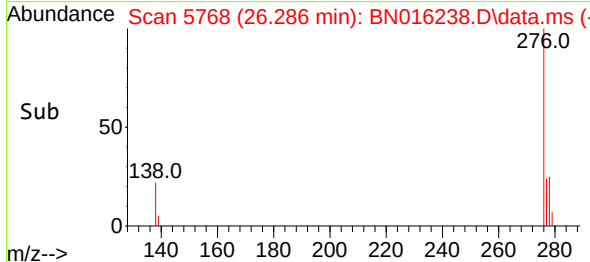
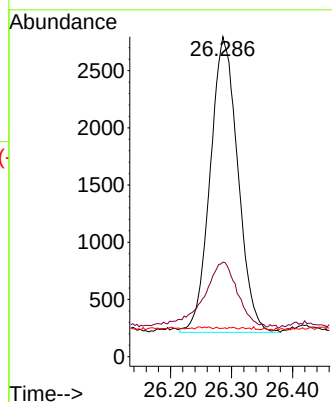
Instrument :
 BNA_N
 ClientSampleId :
 C0B24DL



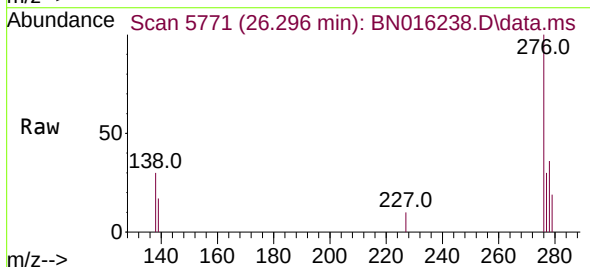
Tgt Ion:276 Resp: 8143
 Ion Ratio Lower Upper
 276 100
 138 26.3 22.7 34.1
 227 0.1 0.2 0.2#

Manual Integrations
 APPROVED

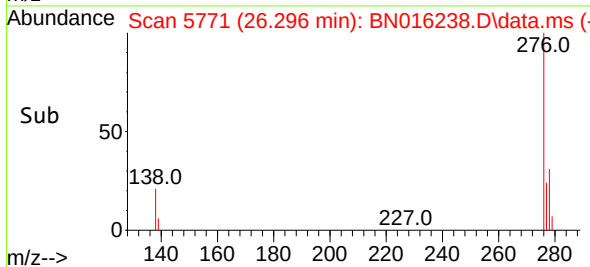
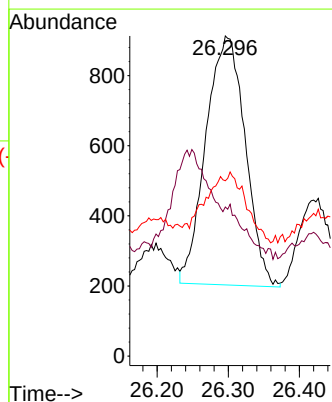
mohammad
 9/8/2021 7:00:46 AM

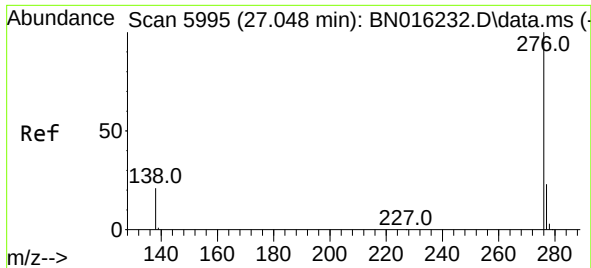


#28
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 26.296 min Scan# 5771
 Delta R.T. -0.011 min
 Lab File: BN016238.D
 Acq: 07 Sep 2021 16:25



Tgt Ion:278 Resp: 2724
 Ion Ratio Lower Upper
 278 100
 139 46.5 15.1 22.7#
 279 54.8 20.5 30.7#





#29

Benzo(g,h,i)perylene

Concen: 0.109 ng/ul

RT: 27.050 min Scan# 5996

Delta R.T. 0.003 min

Lab File: BN016238.D

Acq: 07 Sep 2021 16:25

Tgt Ion: 276	Resp: 8270
Ion Ratio	Lower Upper
276 100	
138 29.9	19.3 28.9#
277 30.6	19.8 29.8#

Instrument :

BNA_N

ClientSampled :

C0B24DL

Manual Integrations
APPROVED

mohammad
9/8/2021 7:00:46 AM

