

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016105.D
 Acq On : 27 Aug 2021 14:03
 Operator : CG/JU
 Sample : M3458-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR3DL

Manual Integrations
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mohammad
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Quant Time: Aug 27 14:33:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 27 10:53:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1495	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6608	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4059	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	8459	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	8566	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	7622	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	692	0.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	263	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	657	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2295	0.134	ng/ul#	95
7) 2-Methylnaphthalene	12.327	142	1592	0.138	ng/ul	97
8) 1-Methylnaphthalene	12.547	142	1460	0.129	ng/ul	98
10) Acenaphthylene	14.219	152	1777	0.124	ng/ul#	93
12) Fluorene	15.547	166	373	0.025	ng/ul#	85
15) Phenanthrene	17.288	178	10562	0.453	ng/ul	99
16) Anthracene	17.377	178	1700	0.084	ng/ul#	91
19) Fluoranthene	19.304	202	29445	1.100	ng/ul	100
20) Pyrene	19.671	202	29367	1.090	ng/ul	97
21) Benzo(a)anthracene	21.424	228	29949	1.123	ng/ul	98
22) Chrysene	21.477	228	29592	1.031	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	45706m	1.607	ng/ul	
25) Benzo(k)fluoranthene	23.143	252	15961m	0.557	ng/ul	
26) Benzo(a)pyrene	23.722	252	25113	1.050	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.293	276	20824	0.658	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.307	278	5786	0.217	ng/ul#	92
29) Benzo(g,h,i)perylene	27.061	276	1734	0.064	ng/ul#	73

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

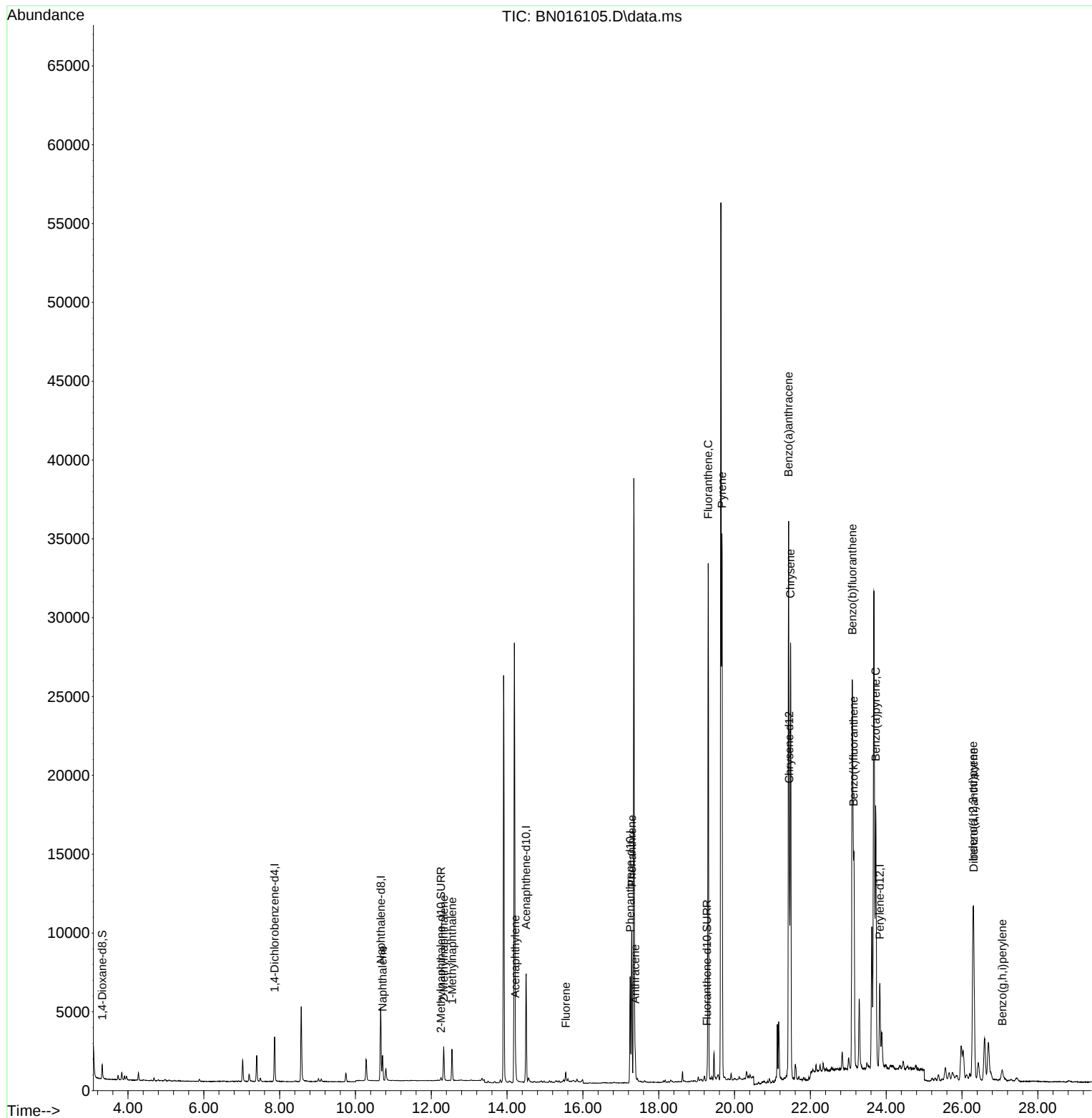
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016105.D
Acq On : 27 Aug 2021 14:03
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ALS Vial : 9 Sample Multiplier: 1

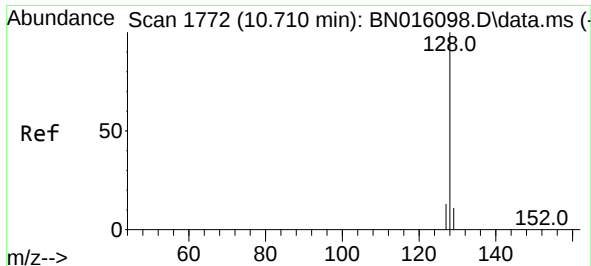
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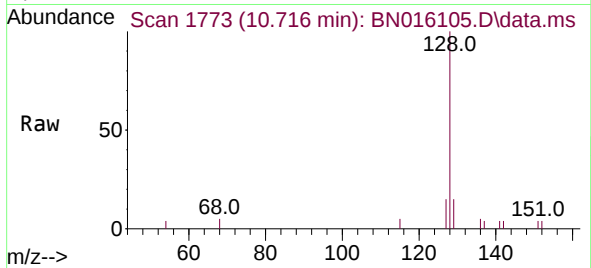
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Quant Time: Aug 27 14:33:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 27 10:53:37 2021
Response via : Initial Calibration

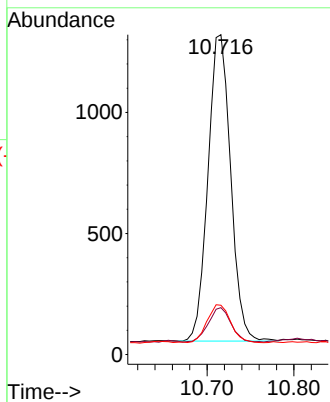
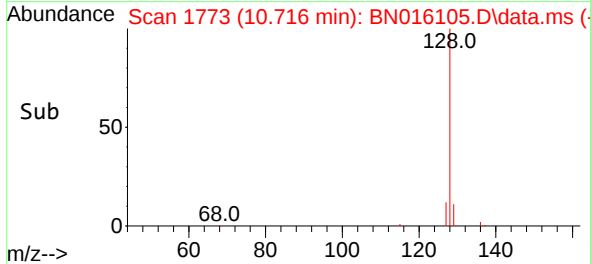




#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



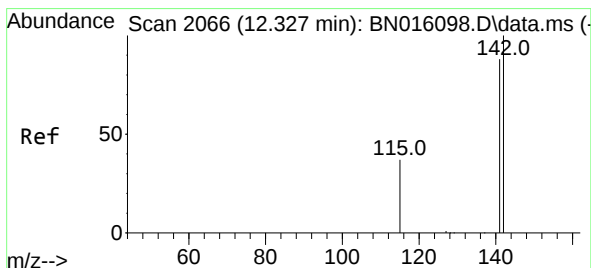
Tgt Ion:128 Resp: 2295
Ion Ratio Lower Upper
128 100
129 14.7 9.7 14.5#
127 15.4 11.1 16.7



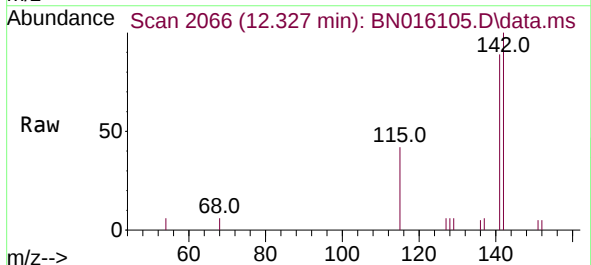
Instrument :
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ClientSampleId :
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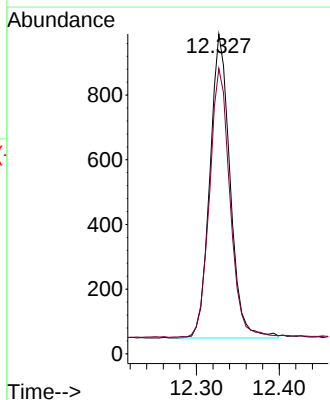
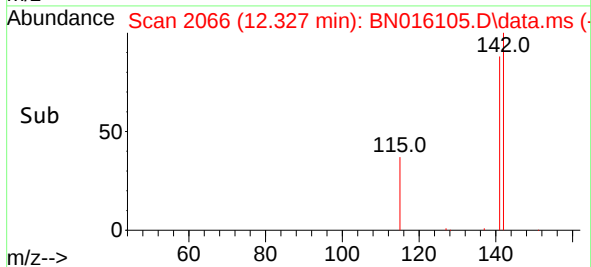
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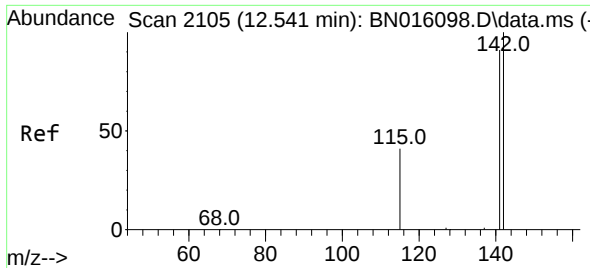


#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



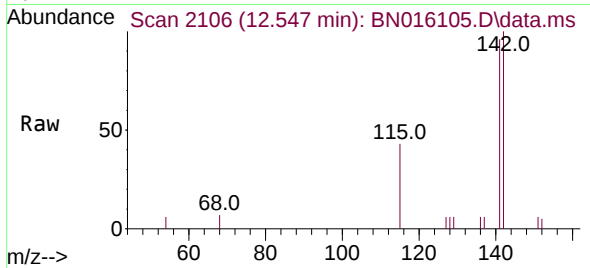
Tgt Ion:142 Resp: 1592
Ion Ratio Lower Upper
142 100
141 89.6 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03

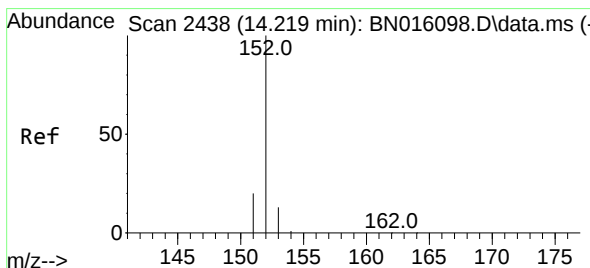
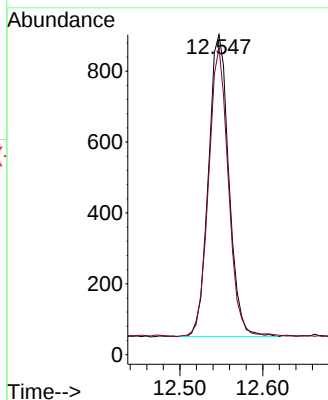
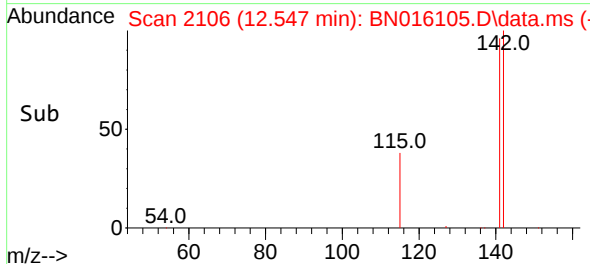
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ClientSampleId :
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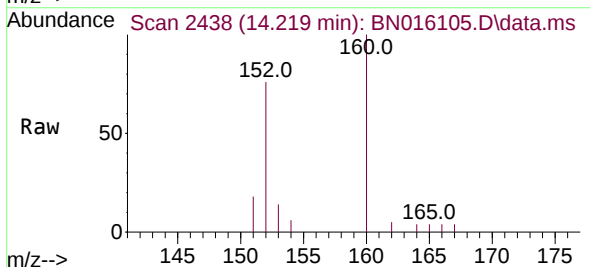
Tgt Ion:142 Resp: 1460
Ion Ratio Lower Upper
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141 93.2 72.8 109.2

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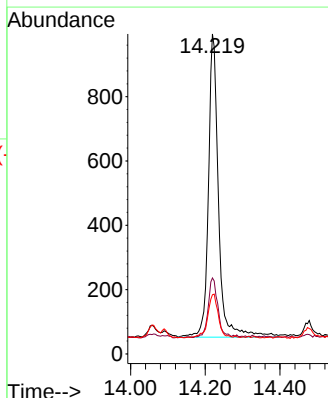
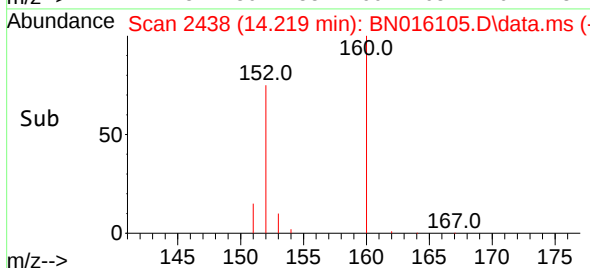
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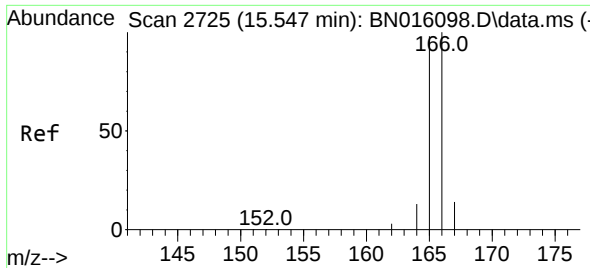


#10
Acenaphthylene
Concen: 0.124 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



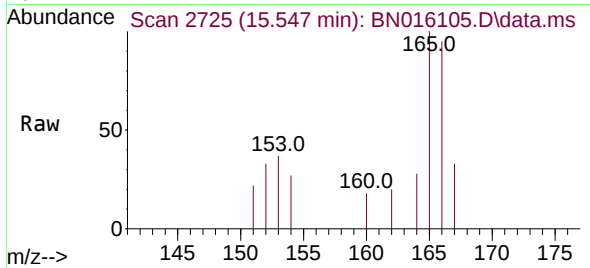
Tgt Ion:152 Resp: 1777
Ion Ratio Lower Upper
152 100
151 23.7 17.0 25.6
153 18.5 11.8 17.6#





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03

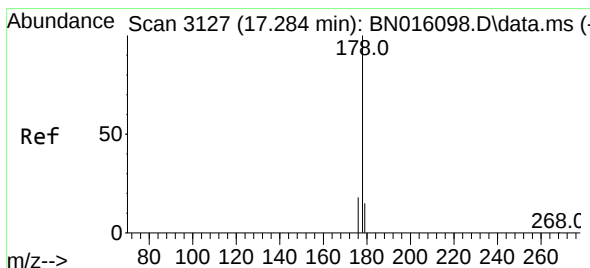
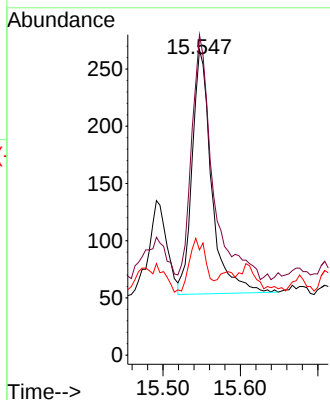
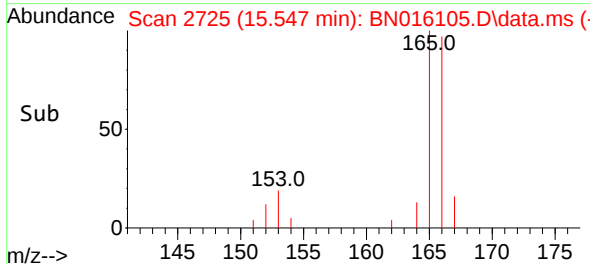
Instrument :
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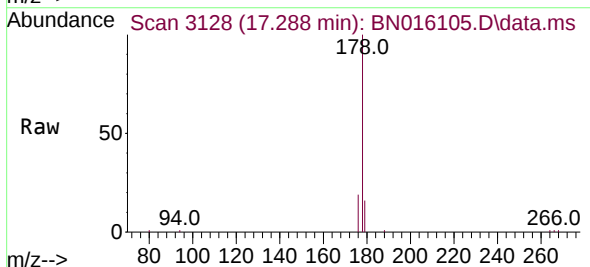
Tgt Ion:166 Resp: 373
Ion Ratio Lower Upper
166 100
165 104.9 76.2 114.2
167 34.5 11.5 17.3#

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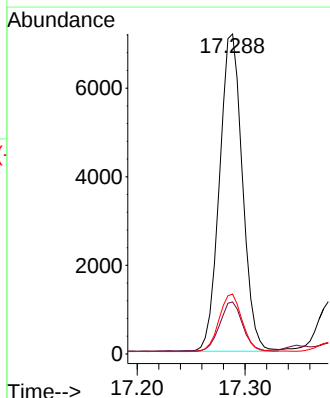
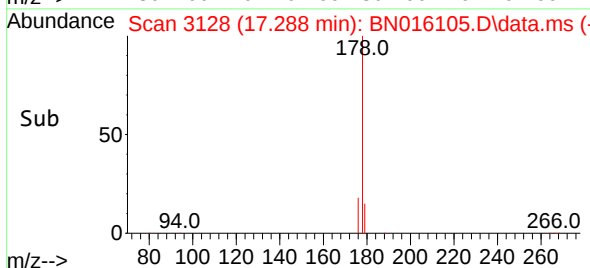
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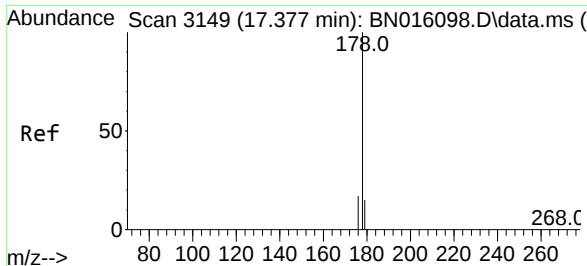


#15
Phenanthrene
Concen: 0.453 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



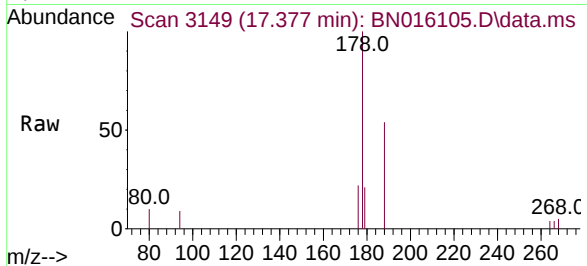
Tgt Ion:178 Resp: 10562
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.7 15.0 22.4





#16
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.377 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: BN016105.D
 Acq: 27 Aug 2021 14:03

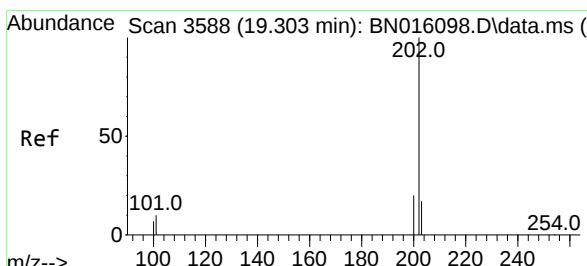
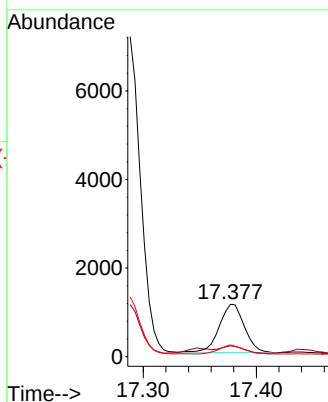
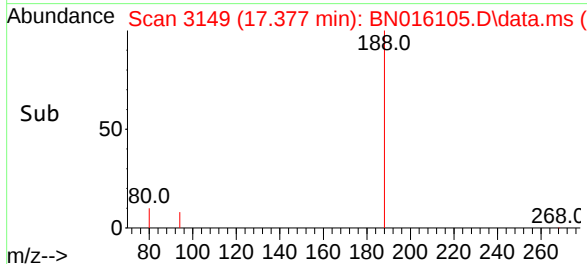
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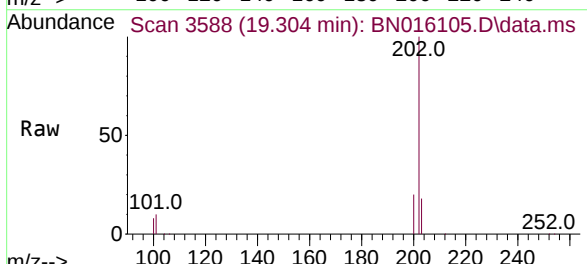
Tgt Ion:178 Resp: 1700
 Ion Ratio Lower Upper
 178 100
 179 20.6 13.4 20.0#
 176 22.4 14.9 22.3#

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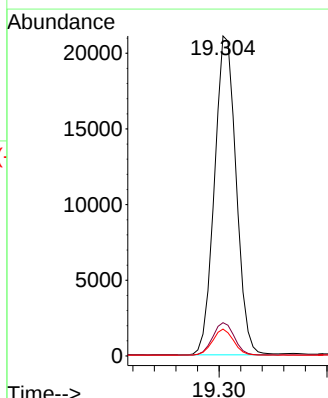
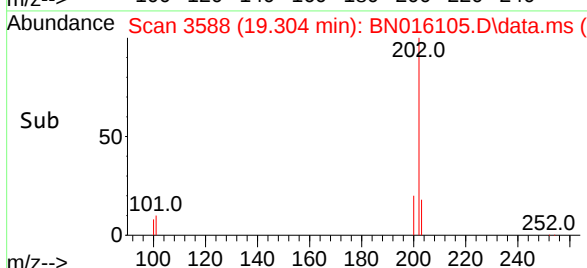
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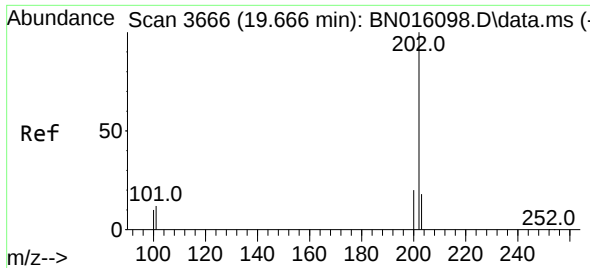


#19
 Fluoranthene
 Concen: 1.100 ng/ul
 RT: 19.304 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: BN016105.D
 Acq: 27 Aug 2021 14:03

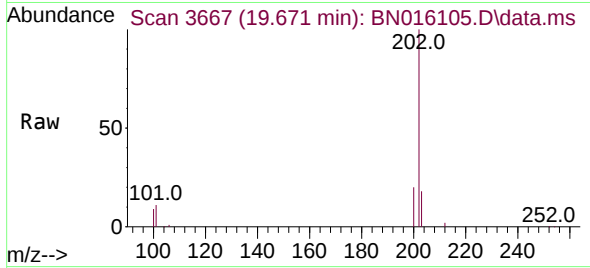


Tgt Ion:202 Resp: 29445
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.3 12.5
 100 8.4 6.6 9.8

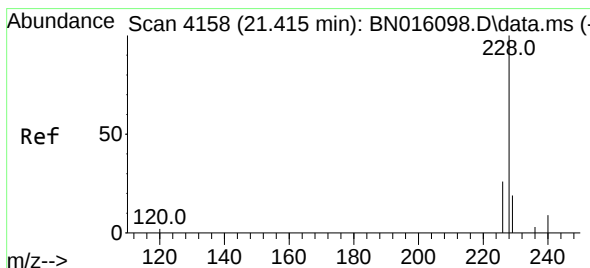
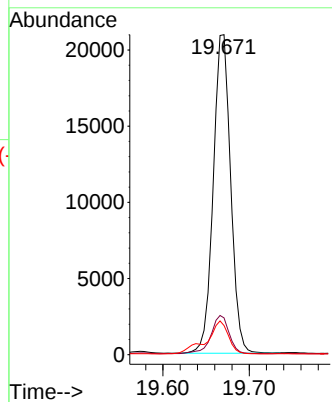
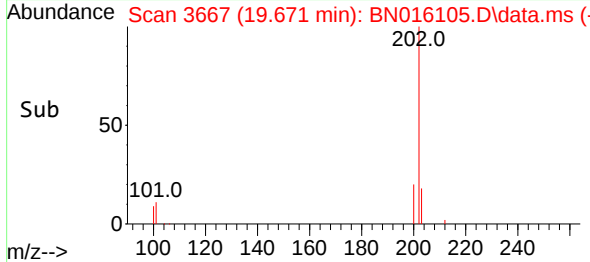




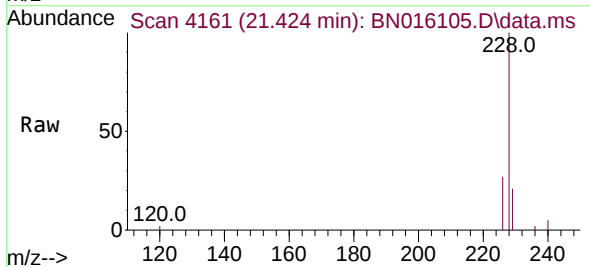
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Pyrene
Concen: 1.090 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



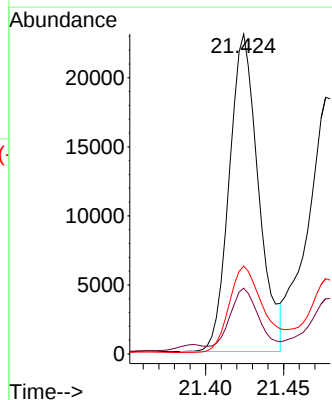
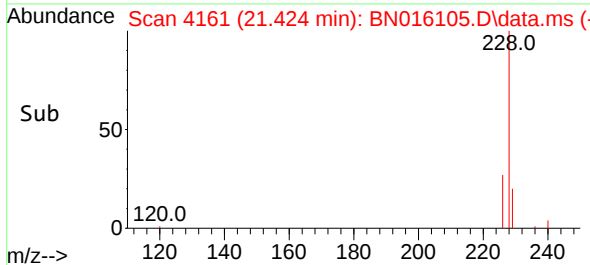
Tgt Ion:202 Resp: 29367
Ion Ratio Lower Upper
202 100
101 11.5 10.0 15.0
100 9.1 8.4 12.6



#21
Benzo(a)anthracene
Concen: 1.123 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.009 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



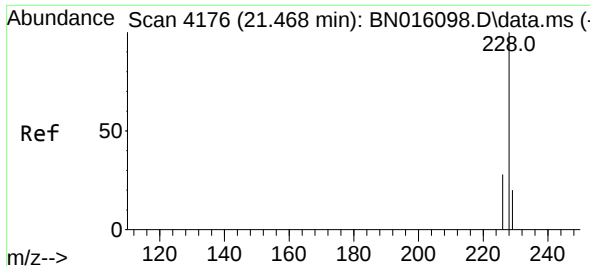
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Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.4 20.6 31.0



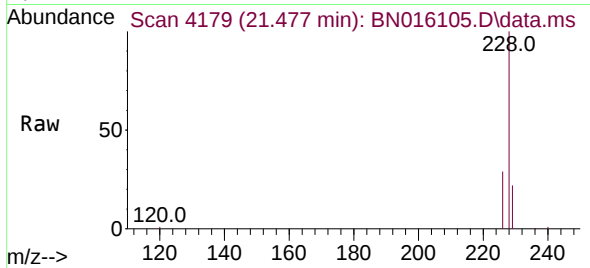
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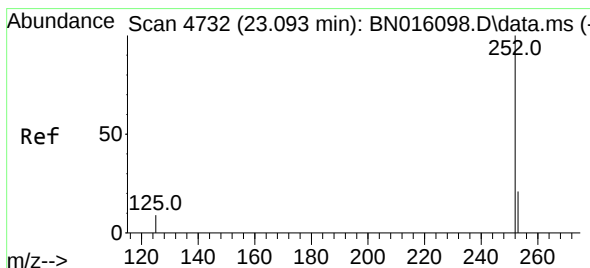
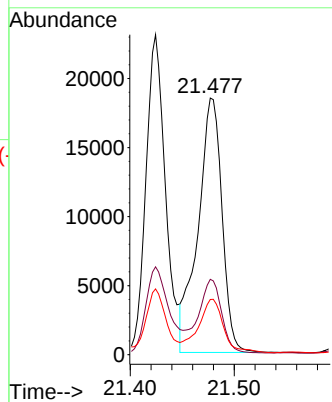
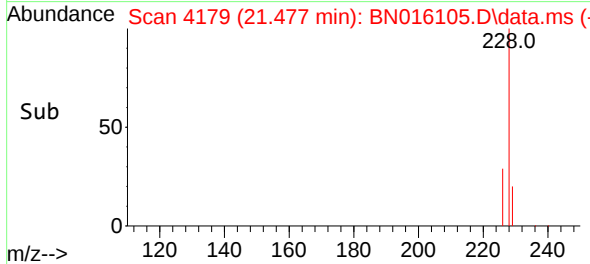
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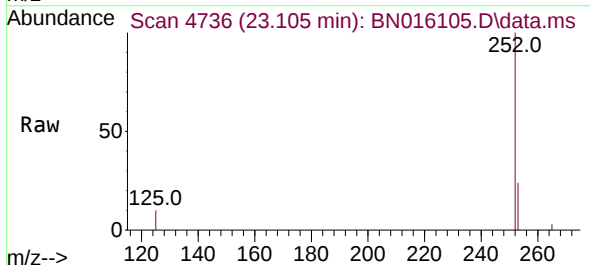
#22
Chrysene
Concen: 1.031 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. 0.009 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



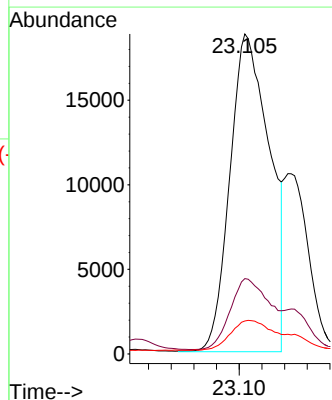
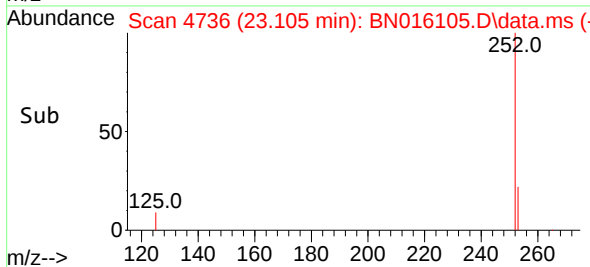
Tgt Ion:228 Resp: 29592
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.0
229 21.5 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 1.607 ng/ul m
RT: 23.105 min Scan# 4736
Delta R.T. 0.012 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



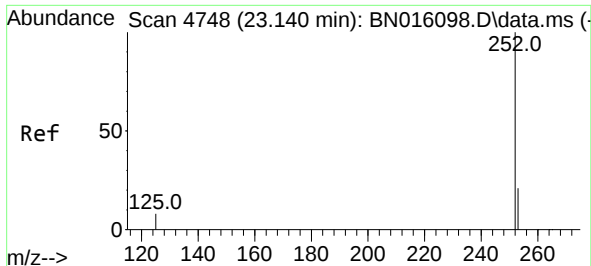
Tgt Ion:252 Resp: 45706
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.6
125 10.3 0.0 21.6



Instrument :
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#25

Benzo(k)fluoranthene

Concen: 0.557 ng/ul m

RT: 23.143 min Scan# 4749

Delta R.T. 0.003 min

Lab File: BN016105.D

Acq: 27 Aug 2021 14:03

Tgt Ion:	252	Resp:	15961
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.7	31.1
125	10.9	8.2	12.4

Instrument :

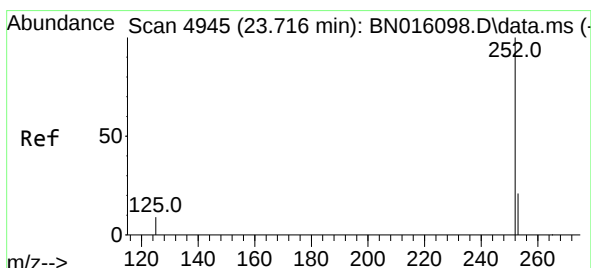
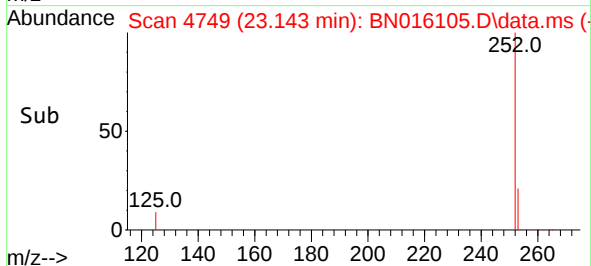
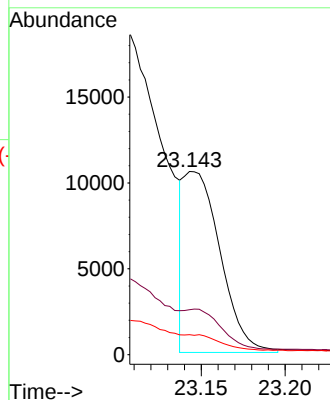
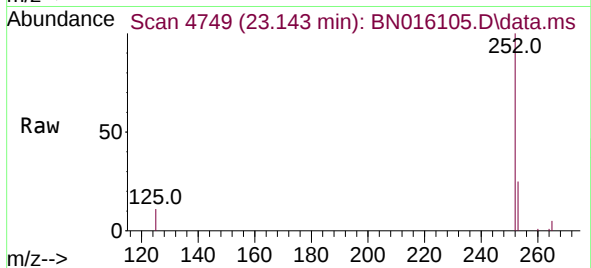
BNA_N

ClientSampleId :

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#26

Benzo(a)pyrene

Concen: 1.050 ng/ul

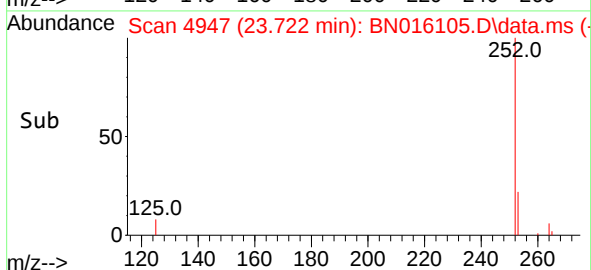
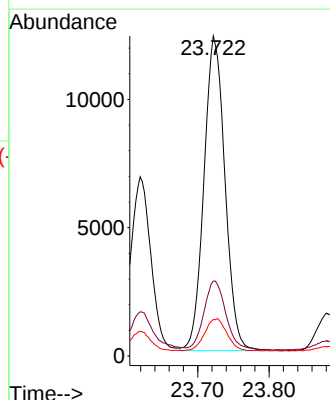
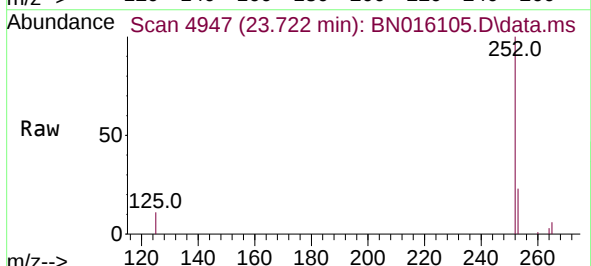
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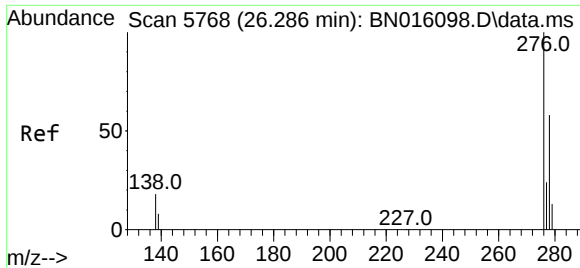
Delta R.T. 0.006 min

Lab File: BN016105.D

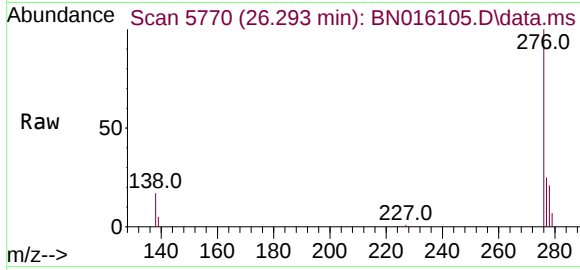
Acq: 27 Aug 2021 14:03

Tgt Ion:	252	Resp:	25113
Ion Ratio	Lower	Upper	
252	100		
253	23.4	22.1	33.1
125	11.4	10.2	15.4

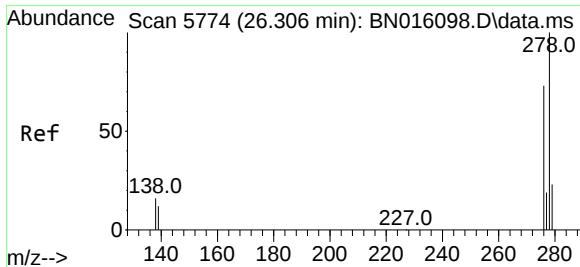
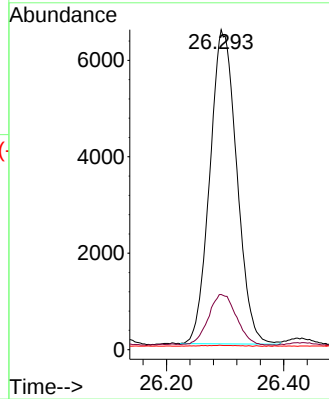
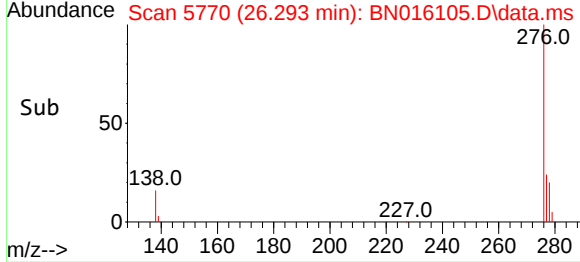




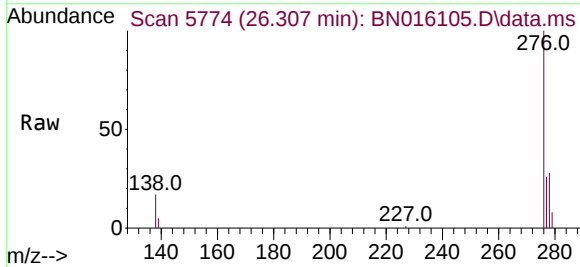
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.658 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. 0.007 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



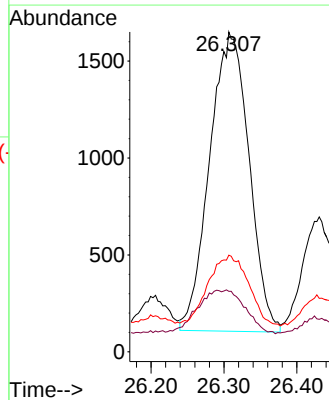
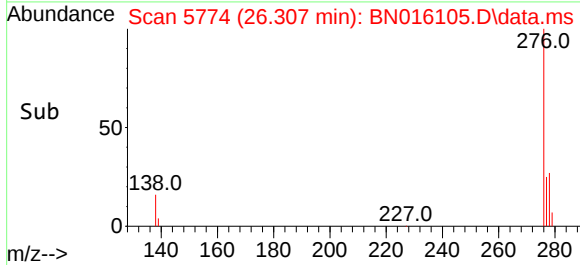
Tgt Ion: 276 Resp: 20824
Ion Ratio Lower Upper
276 100
138 16.9 15.1 22.7
227 0.3 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.307 min Scan# 5774
Delta R.T. 0.000 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



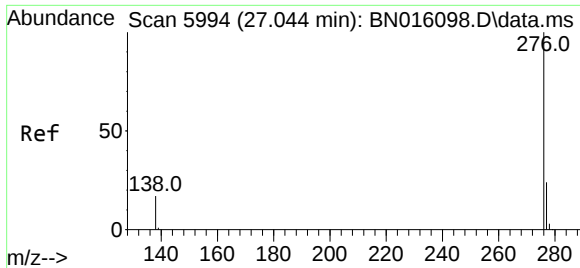
Tgt Ion: 278 Resp: 5786
Ion Ratio Lower Upper
278 100
139 18.9 12.0 18.0#
279 30.2 21.0 31.6



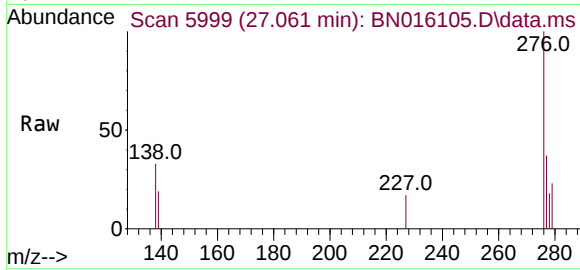
Instrument :
BNA_N
ClientSampleId :
C0AR3DL

Manual Integrations
APPROVED

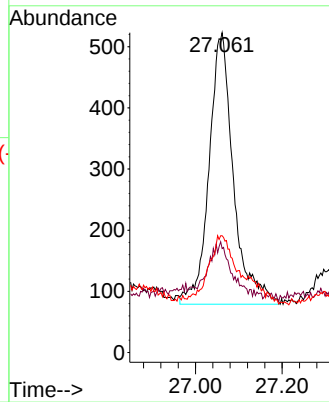
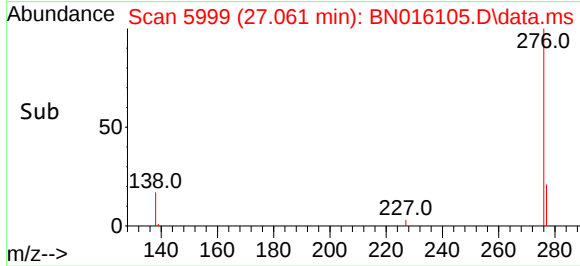
mohammad
8/27/2021 5:10:52 PM



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.061 min Scan# 5999
Delta R.T. 0.017 min
Lab File: BN016105.D
Acq: 27 Aug 2021 14:03



Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	13.8	20.8#
277	36.5	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0AR3DL

Manual Integrations
APPROVED

mohammad
8/27/2021 5:10:52 PM