

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016088.D
 Acq On : 27 Aug 2021 03:02
 Operator : CG/JU
 Sample : M3458-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:10:11 PM

Quant Time: Aug 27 04:19:41 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 : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	6873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	9090	0.400	ng/ul	0.00
17) Chrysene-d12	21.429	240	9225	0.400	ng/ul	0.00
23) Perylene-d12	23.814	264	7877	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3826	1.824	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1368	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	3483	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	11932	0.672	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	8509	0.709	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	7618	0.648	ng/ul	99
10) Acenaphthylene	14.220	152	6984	0.452	ng/ul	98
11) Acenaphthene	14.562	153	854	0.064	ng/ul	96
12) Fluorene	15.548	166	1625	0.103	ng/ul#	93
15) Phenanthrene	17.285	178	55569	2.216	ng/ul	98
16) Anthracene	17.378	178	7729	0.357	ng/ul	100
19) Fluoranthene	19.304	202	158231	5.490	ng/ul	97
20) Pyrene	19.667	202	148547	5.119	ng/ul	97
21) Benzo(a)anthracene	21.415	228	154457	5.378	ng/ul	97
22) Chrysene	21.464	228	152641	4.939	ng/ul	99
24) Benzo(b)fluoranthene	23.092	252	251612m	8.560	ng/ul	
25) Benzo(k)fluoranthene	23.130	252	78507m	2.650	ng/ul	
26) Benzo(a)pyrene	23.709	252	134111	5.426	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.282	276	114601	3.503	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.299	278	31198	1.133	ng/ul	98
29) Benzo(g,h,i)perylene	27.037	276	8592	0.305	ng/ul#	93

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

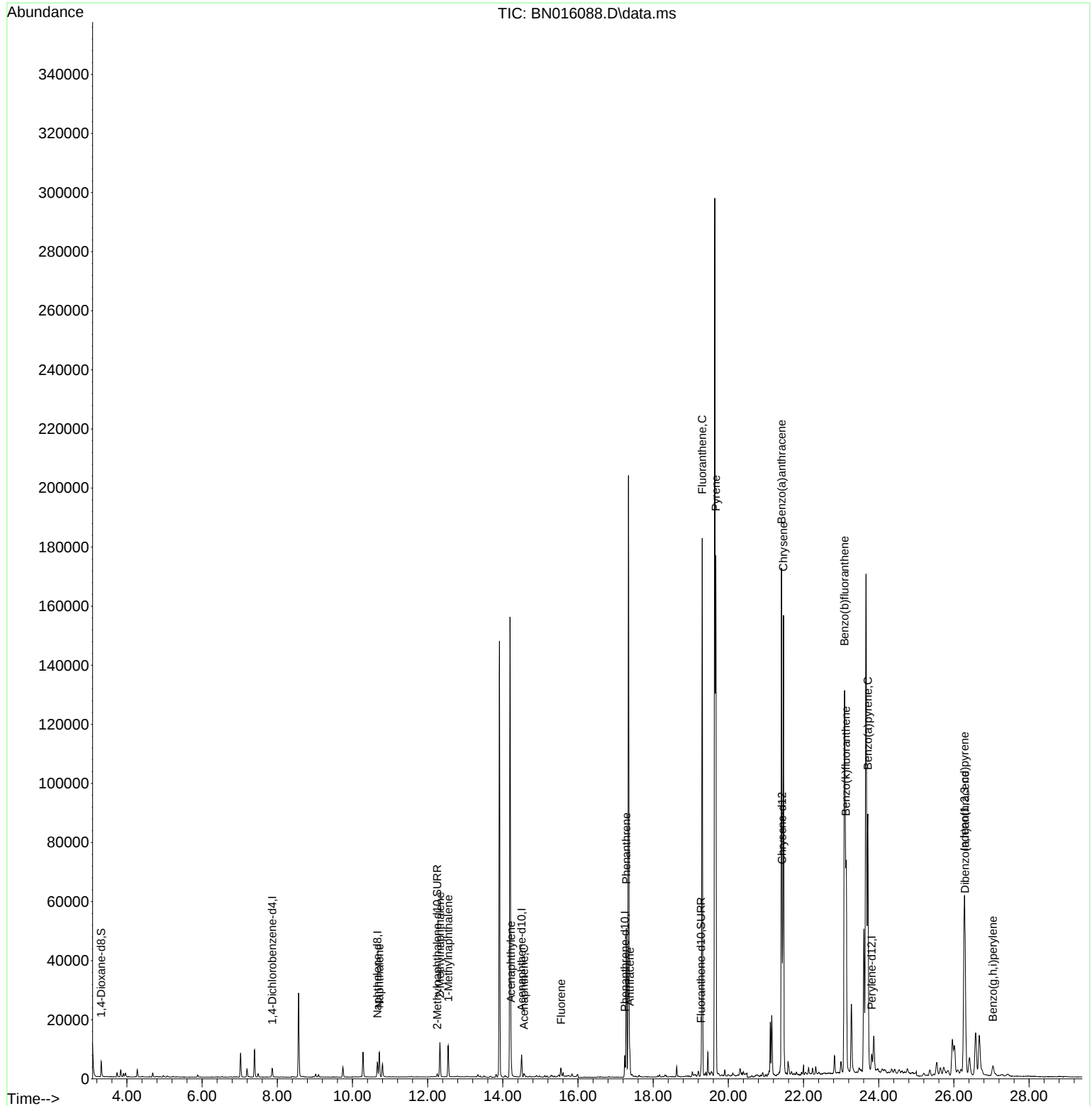
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016088.D
Acq On : 27 Aug 2021 03:02
Operator : CG/JU
Sample : M3458-04
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ALS Vial : 20 Sample Multiplier: 1

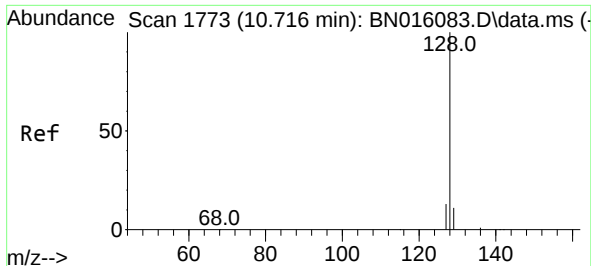
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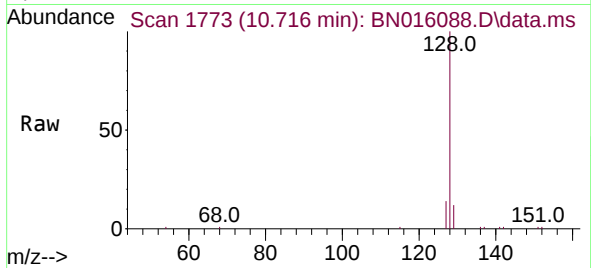
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Quant Time: Aug 27 04:19:41 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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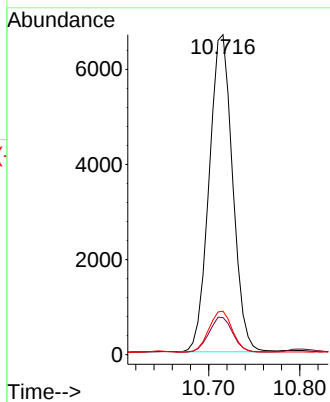
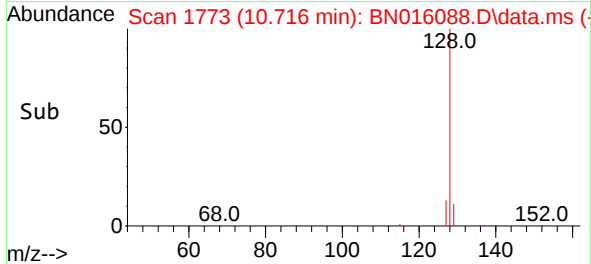




#5
Naphthalene
Concen: 0.672 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



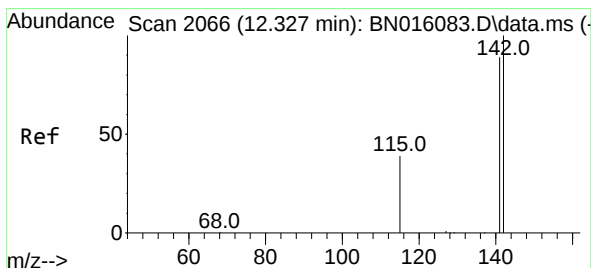
Tgt Ion:128 Resp: 11932
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.6 11.1 16.7



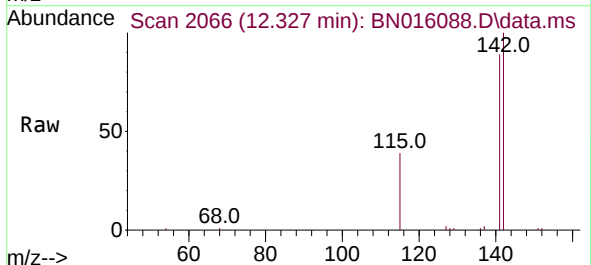
Instrument :
BNA_N
ClientSampled :
C0AR3

Manual Integrations
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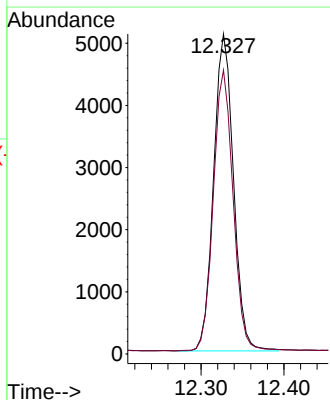
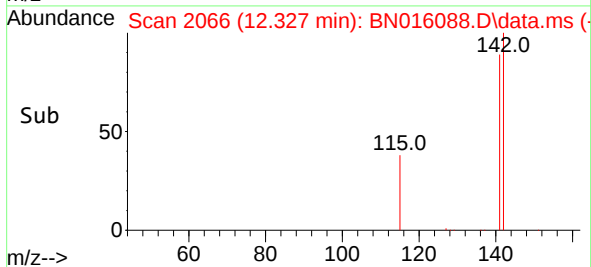
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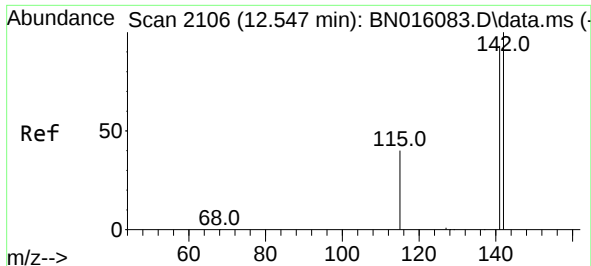


#7
2-Methylnaphthalene
Concen: 0.709 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02

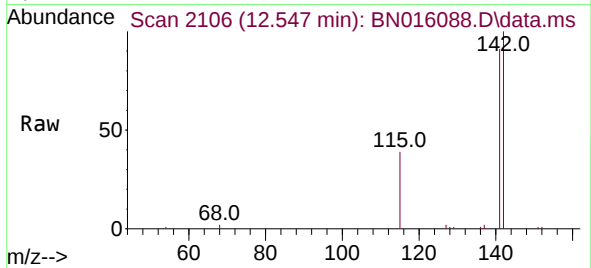


Tgt Ion:142 Resp: 8509
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.6

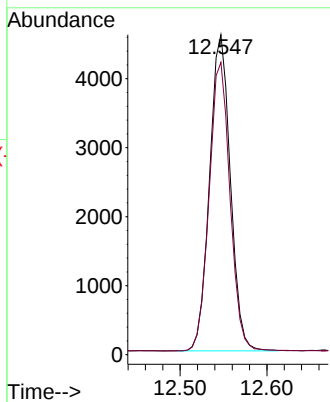
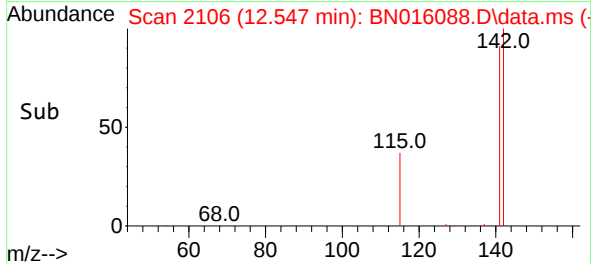




#8
1-Methylnaphthalene
Concen: 0.648 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



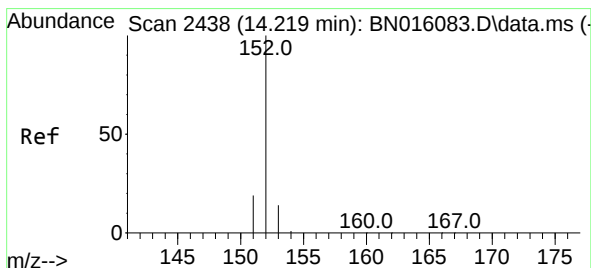
Tgt Ion:142 Resp: 7618
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2



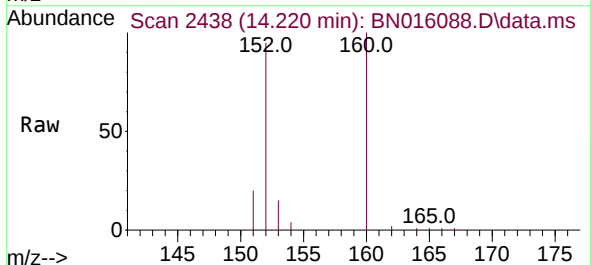
Instrument :
BNA_N
ClientSampled :
C0AR3

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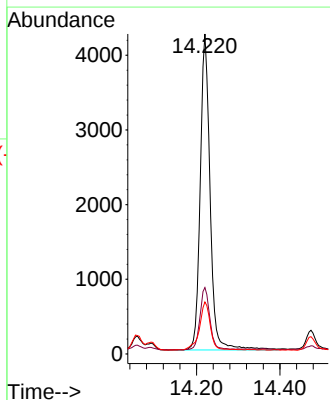
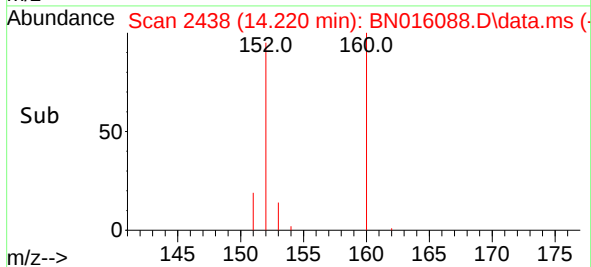
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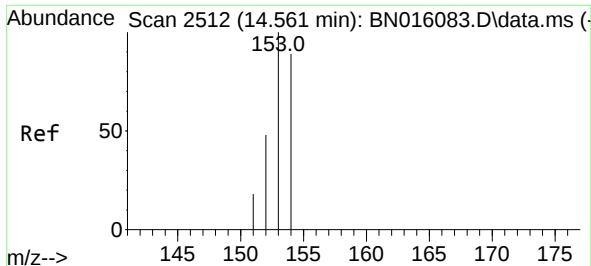


#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



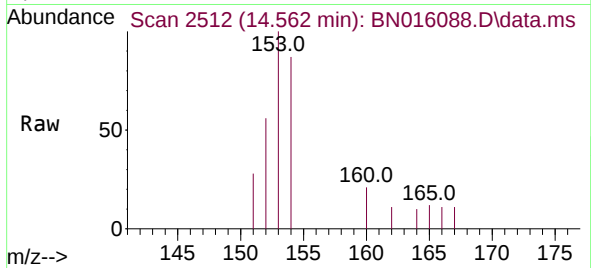
Tgt Ion:152 Resp: 6984
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 16.3 11.8 17.6





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.562 min Scan# 2512
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02

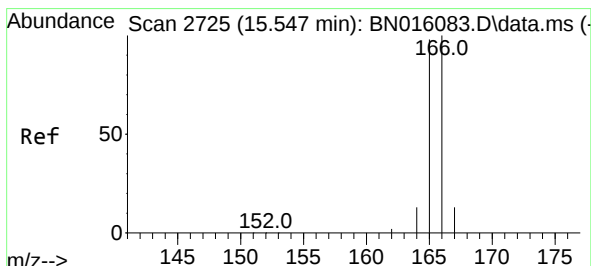
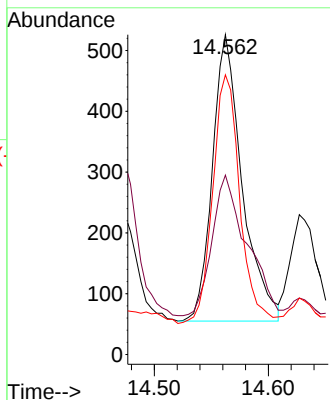
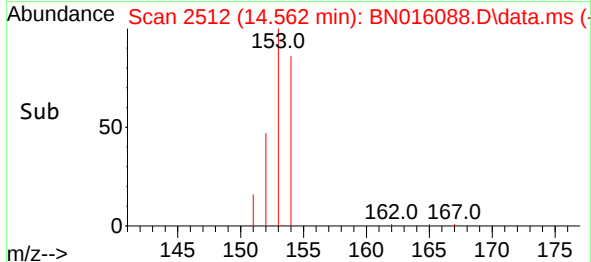
Instrument :
BNA_N
ClientSampled :
C0AR3



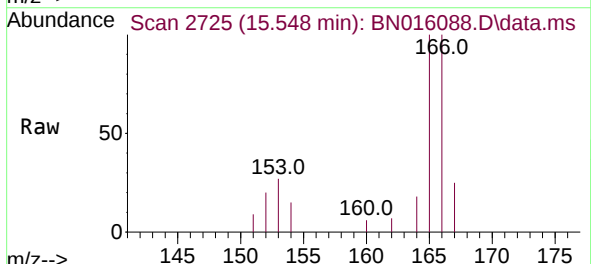
Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.1	38.3	57.5
154	87.5	70.2	105.2

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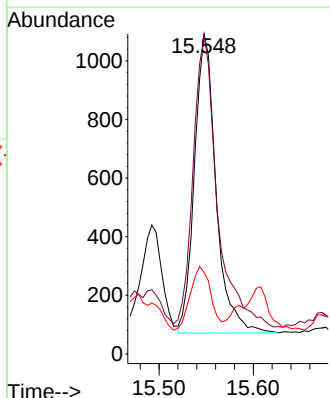
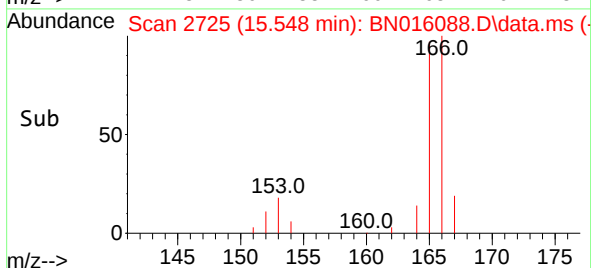
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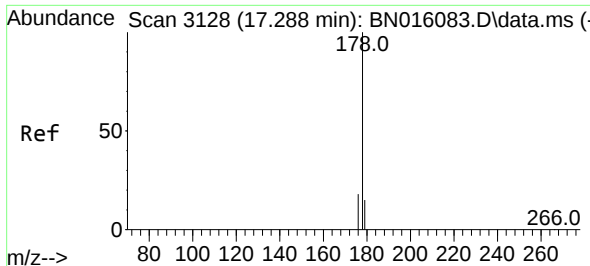


#12
Fluorene
Concen: 0.103 ng/u1
RT: 15.548 min Scan# 2725
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



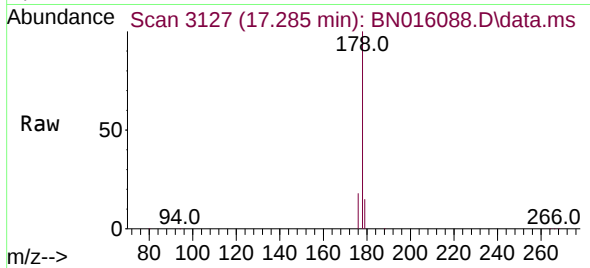
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.2	114.2
167	25.5	11.5	17.3





#15
Phenanthrene
Concen: 2.216 ng/ul
RT: 17.285 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02

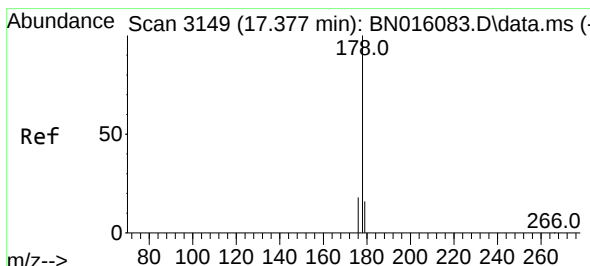
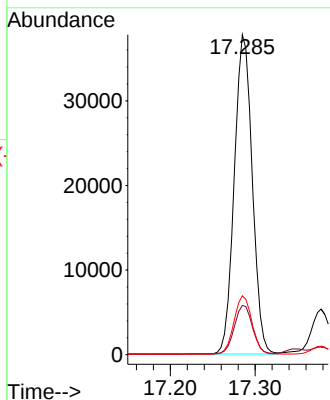
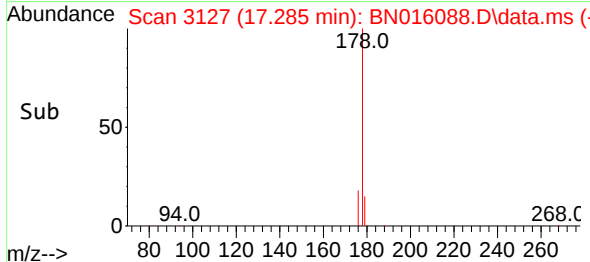
Instrument :
BNA_N
ClientSampled :
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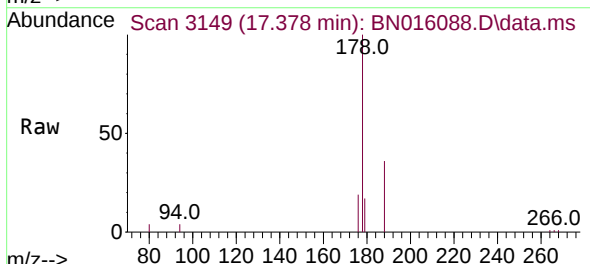
Tgt Ion:178 Resp: 55569
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.4 15.0 22.4

Manual Integrations
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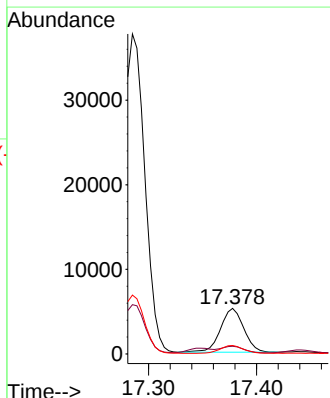
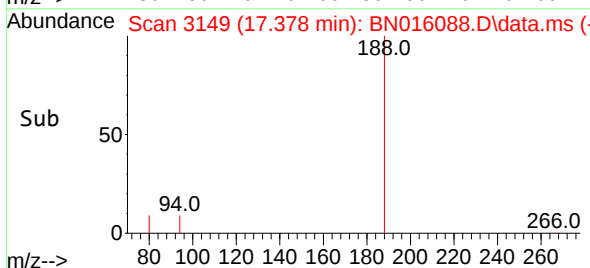
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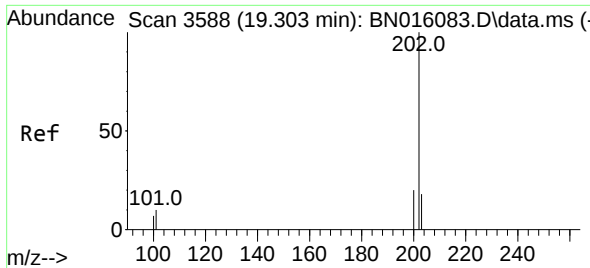


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.378 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02

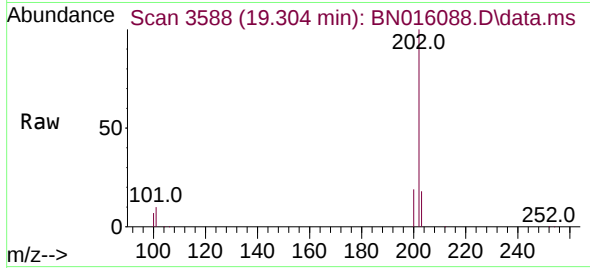


Tgt Ion:178 Resp: 7729
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 18.5 14.9 22.3

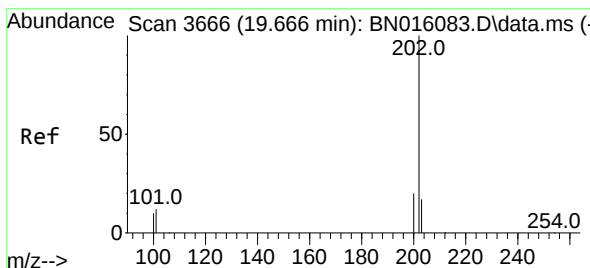
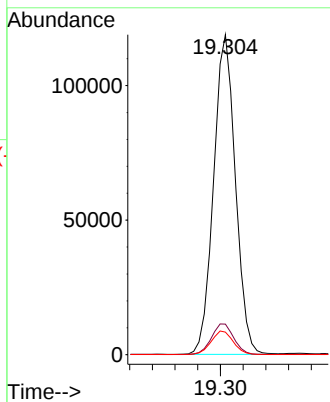
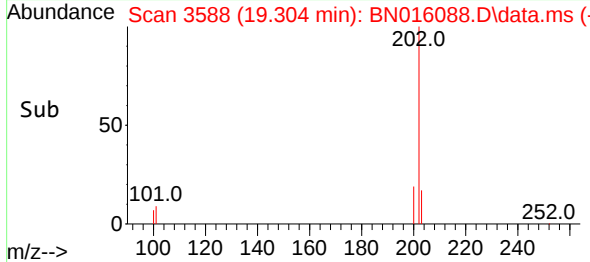




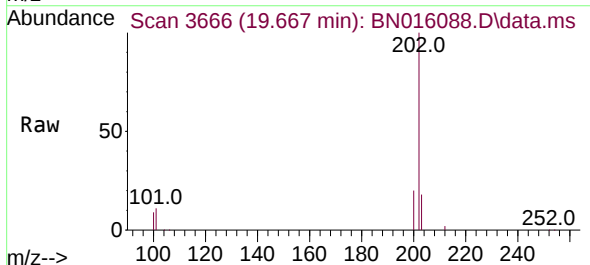
#19
Fluoranthene
Concen: 5.490 ng/u1
RT: 19.304 min Scan# 3588
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



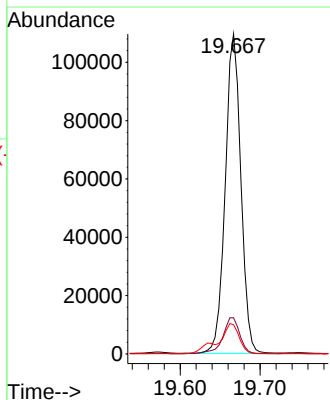
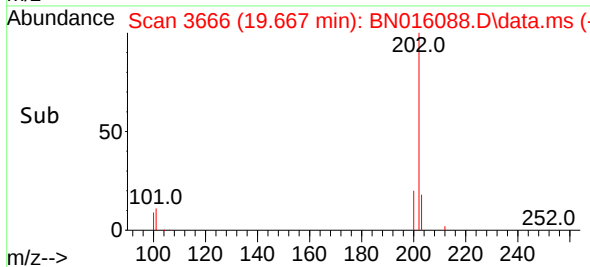
Tgt Ion:202 Resp: 158231
Ion Ratio Lower Upper
202 100
101 9.6 8.3 12.5
100 7.1 6.6 9.8



#20
Pyrene
Concen: 5.119 ng/u1
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



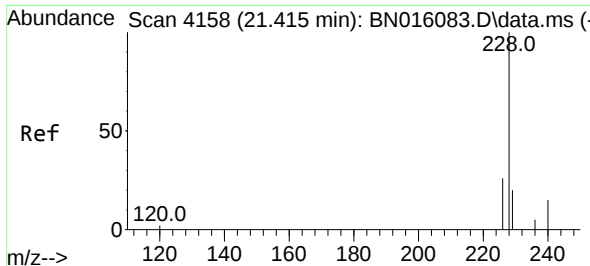
Tgt Ion:202 Resp: 148547
Ion Ratio Lower Upper
202 100
101 11.3 10.0 15.0
100 9.2 8.4 12.6



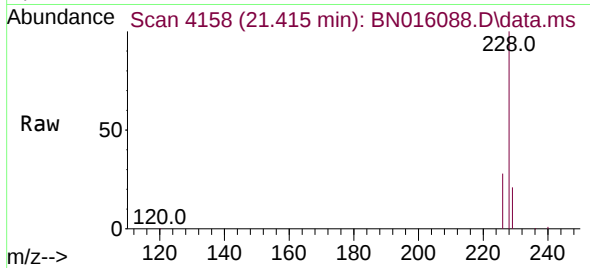
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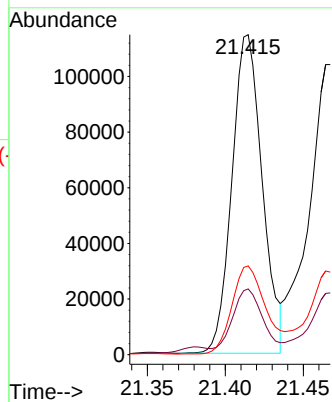
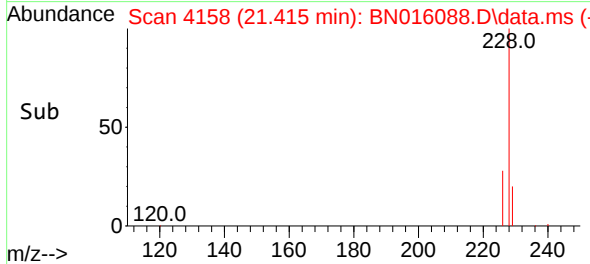
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#21
Benzo(a)anthracene
Concen: 5.378 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



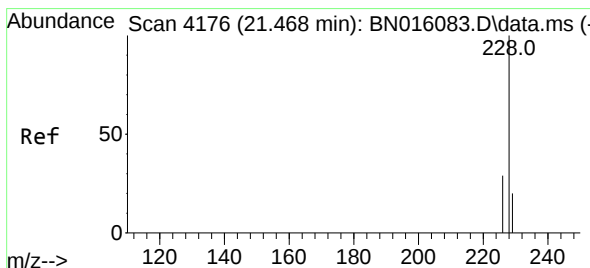
Tgt Ion:228 Resp: 154457
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 27.8 20.6 31.0



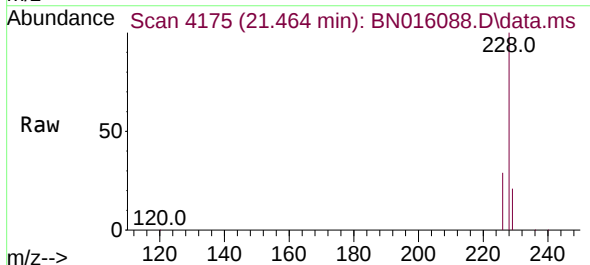
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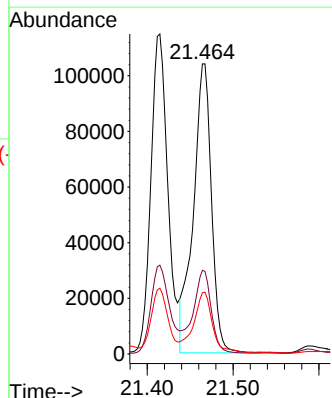
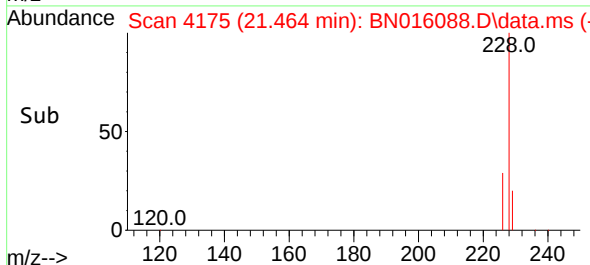
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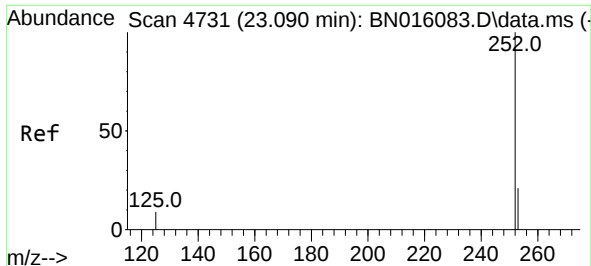


#22
Chrysene
Concen: 4.939 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.004 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02

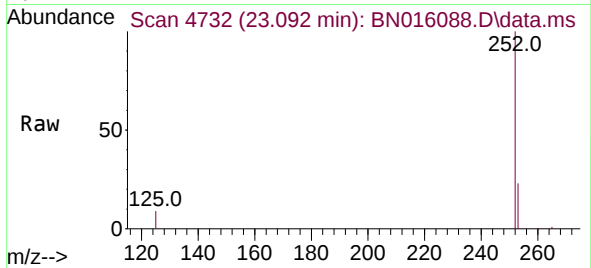


Tgt Ion:228 Resp: 152641
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.0
229 21.1 16.4 24.6

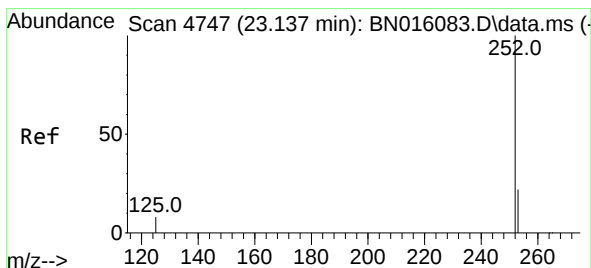
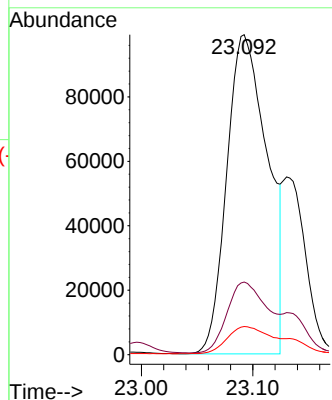




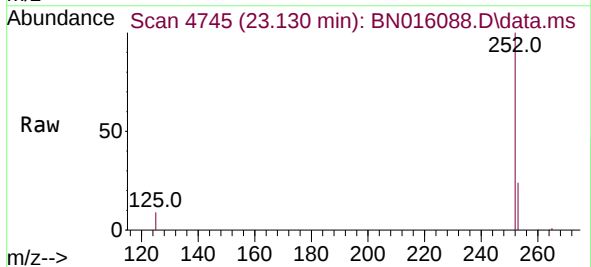
#24
Benzo(b)fluoranthene
Concen: 8.560 ng/ul m
RT: 23.092 min Scan# 4732
Delta R.T. 0.002 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



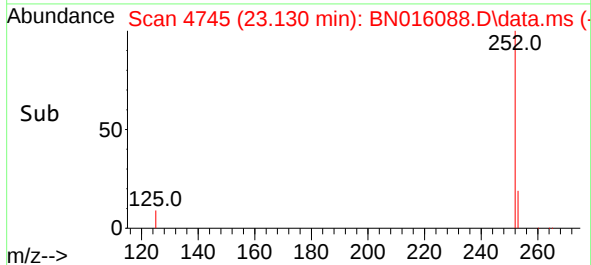
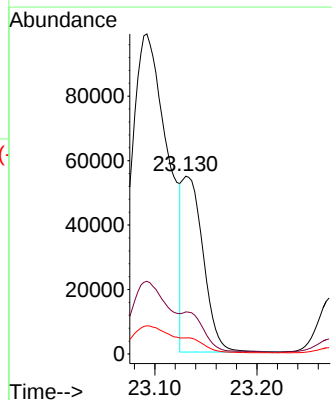
Tgt Ion:252 Resp: 251612
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.6
125 8.8 0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 2.650 ng/ul m
RT: 23.130 min Scan# 4745
Delta R.T. -0.007 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



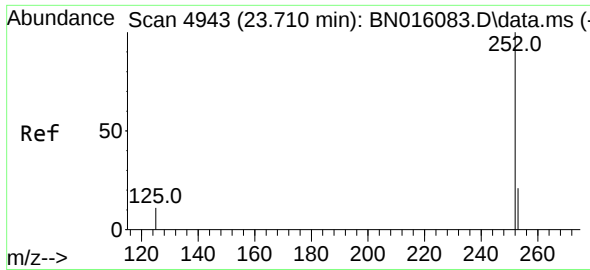
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Ion Ratio Lower Upper
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253 23.6 20.7 31.1
125 9.0 8.2 12.4



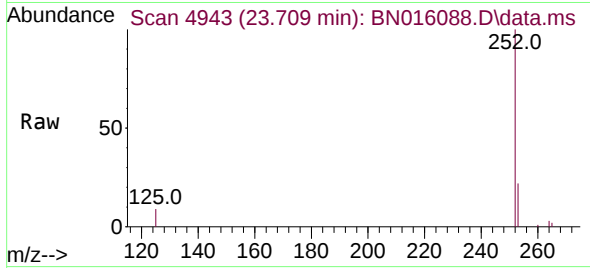
Instrument :
BNA_N
ClientSampled :
C0AR3

Manual Integrations
APPROVED

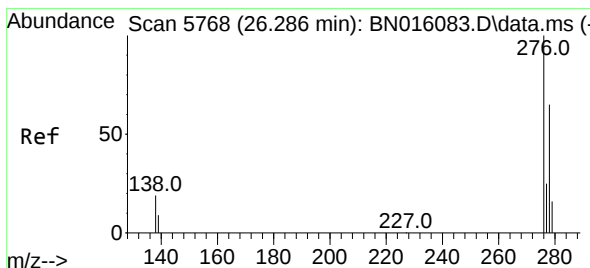
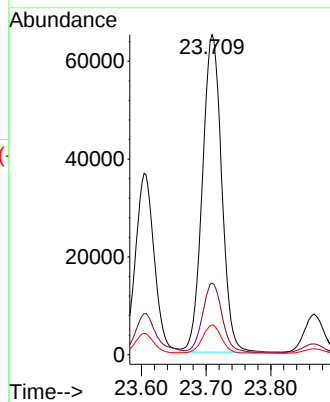
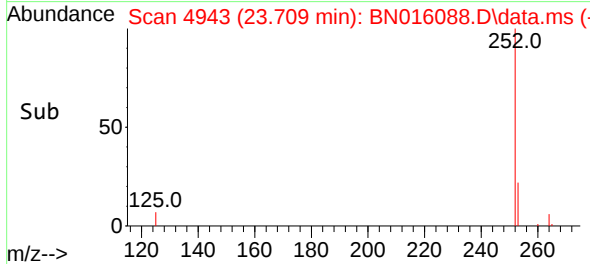
mohammad
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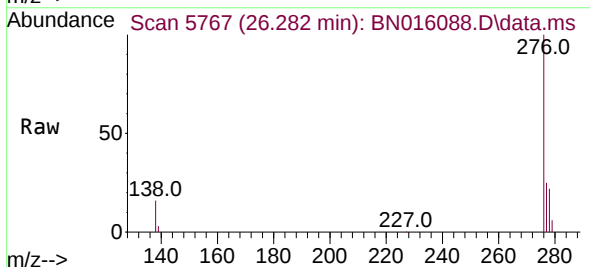
#26
Benzo(a)pyrene
Concen: 5.426 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.001 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



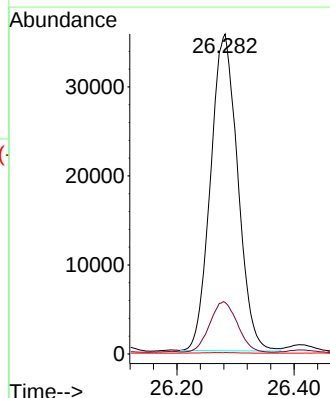
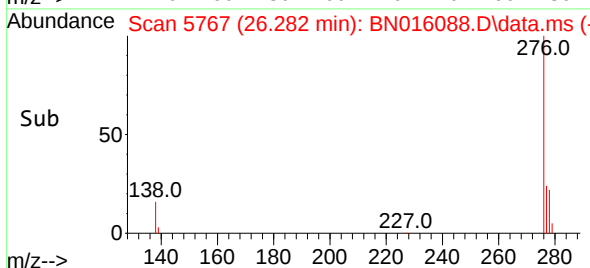
Tgt Ion:252 Resp: 134111
Ion Ratio Lower Upper
252 100
253 22.4 22.1 33.1
125 9.3 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.503 ng/ul
RT: 26.282 min Scan# 5767
Delta R.T. -0.008 min
Lab File: BN016088.D
Acq: 27 Aug 2021 03:02



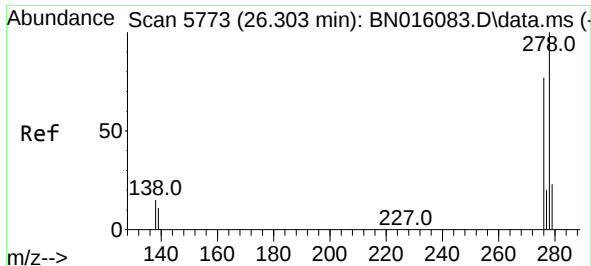
Tgt Ion:276 Resp: 114601
Ion Ratio Lower Upper
276 100
138 16.5 15.1 22.7
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
C0AR3

Manual Integrations
APPROVED

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#28

Dibenzo(a,h)anthracene

Concen: 1.133 ng/ul

RT: 26.299 min Scan# 5772

Delta R.T. -0.001 min

Lab File: BN016088.D

Acq: 27 Aug 2021 03:02

Tgt Ion:	278	Resp:	31198
Ion Ratio	Lower	Upper	
278	100		
139	13.5	12.0	18.0
279	26.0	21.0	31.6

Instrument :

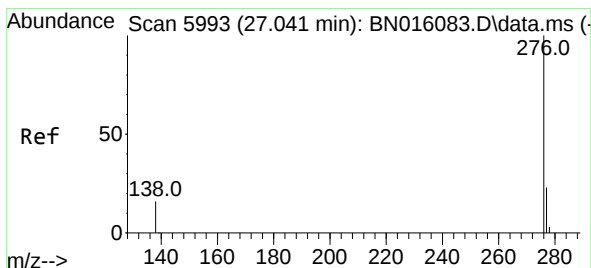
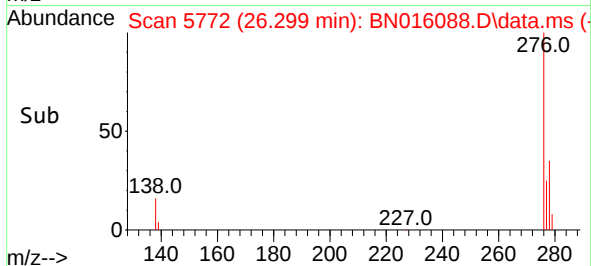
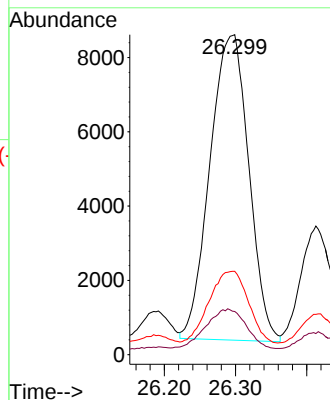
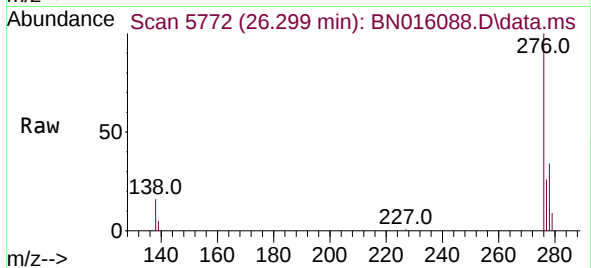
BNA_N

ClientSampled :

C0AR3

Manual Integrations
APPROVED

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#29

Benzo(g,h,i)perylene

Concen: 0.305 ng/ul

RT: 27.037 min Scan# 5992

Delta R.T. -0.001 min

Lab File: BN016088.D

Acq: 27 Aug 2021 03:02

Tgt Ion:	276	Resp:	8592
Ion Ratio	Lower	Upper	
276	100		
138	21.9	13.8	20.8#
277	28.1	20.5	30.7

