

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016163.D
 Acq On : 03 Sep 2021 07:25
 Operator : CG/JU
 Sample : M3472-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:18 AM

Quant Time: Sep 03 08:11:59 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	2838	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11742	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	7507	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	14604	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	14630	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	14393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	8725	2.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3078	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	8835	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.710	128	79977	2.558	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	69873	3.426	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	56185	2.760	ng/ul	100
10) Acenaphthylene	14.224	152	22695	0.799	ng/ul#	96
11) Acenaphthene	14.566	153	1812	0.076	ng/ul#	87
12) Fluorene	15.552	166	4479	0.165	ng/ul#	78
15) Phenanthrene	17.293	178	126309	3.001	ng/ul	98
16) Anthracene	17.386	178	15917	0.438	ng/ul	98
19) Fluoranthene	19.312	202	73991	1.518	ng/ul	98
20) Pyrene	19.675	202	106292	2.153	ng/ul	94
21) Benzo(a)anthracene	21.424	228	70049	1.566	ng/ul	93
22) Chrysene	21.474	228	92885	1.838	ng/ul	98
24) Benzo(b)fluoranthene	23.107	252	98923m	1.827	ng/ul	
25) Benzo(k)fluoranthene	23.148	252	28203m	0.518	ng/ul	
26) Benzo(a)pyrene	23.727	252	68352	1.488	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.310	276	42277	0.712	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.316	278	14639	0.299	ng/ul#	87
29) Benzo(g,h,i)perylene	27.071	276	46514	0.903	ng/ul	99

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

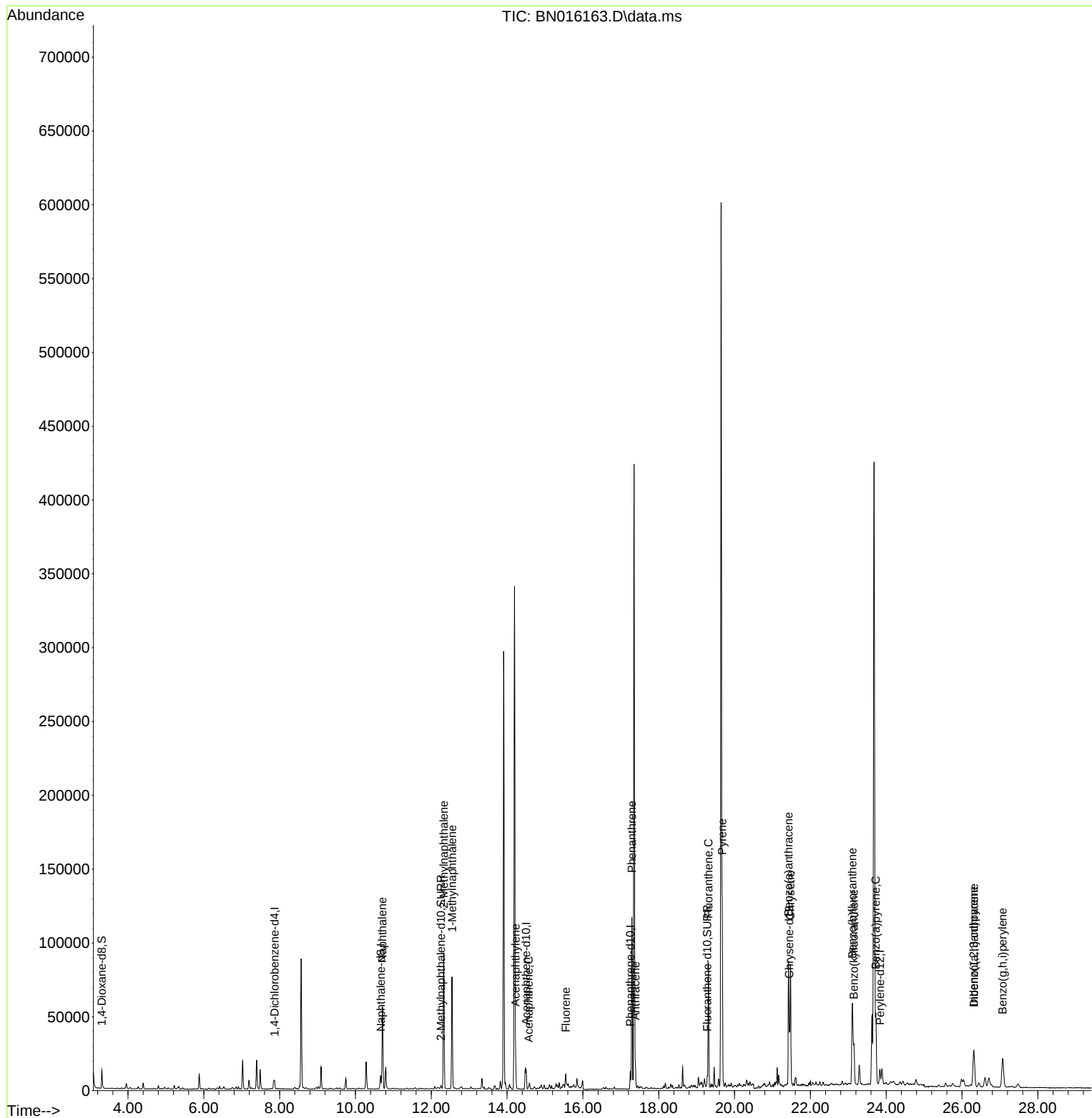
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Data File : BN016163.D
Acq On : 03 Sep 2021 07:25
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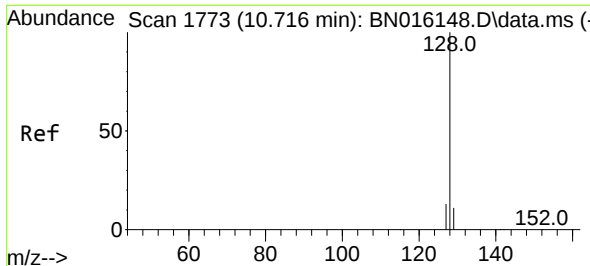
Instrument :
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ClientSampleId :
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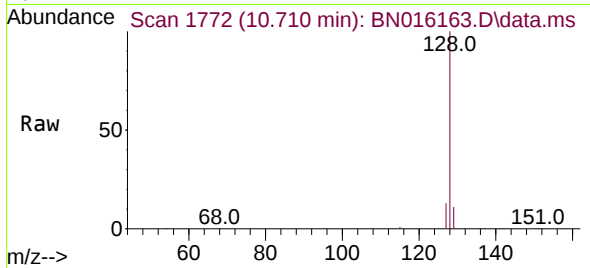
mohammad
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Quant Time: Sep 03 08:11:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

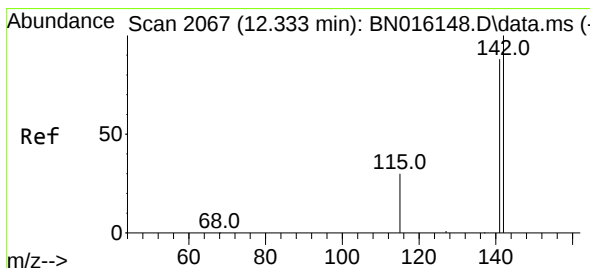
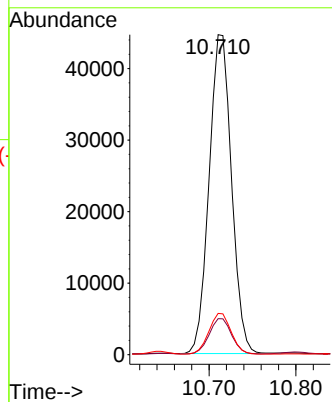
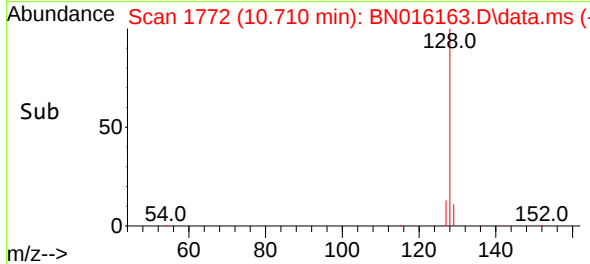




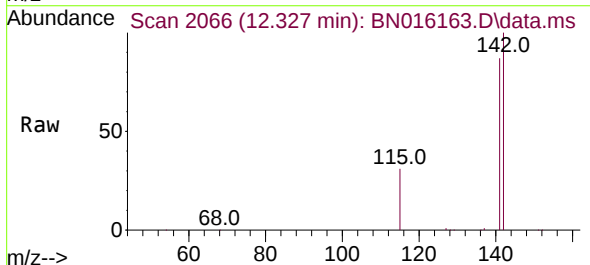
#5
Naphthalene
Concen: 2.558 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



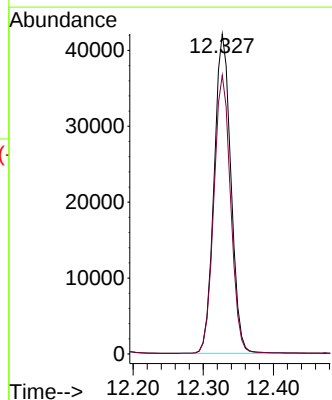
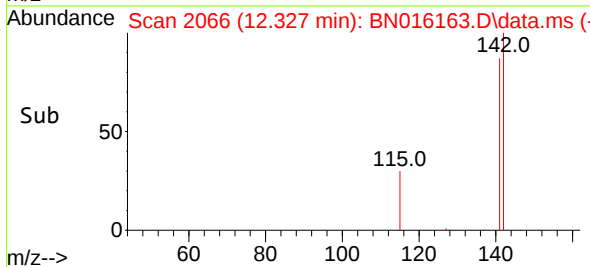
Tgt Ion:128 Resp: 79977
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 12.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 3.426 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



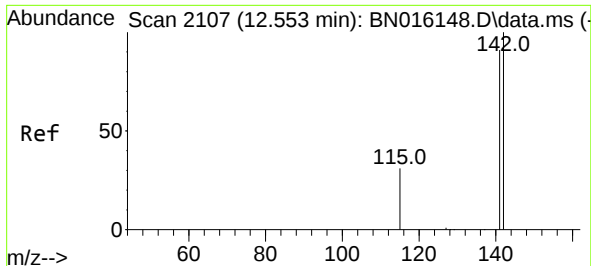
Tgt Ion:142 Resp: 69873
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3



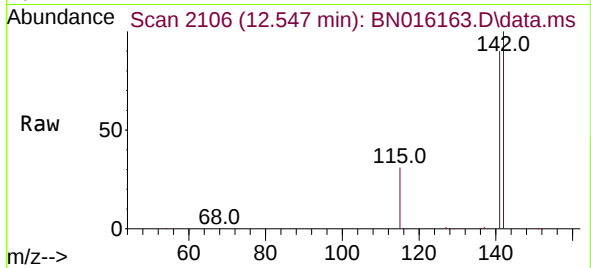
Instrument :
BNA_N
ClientSampled :
C0AC0

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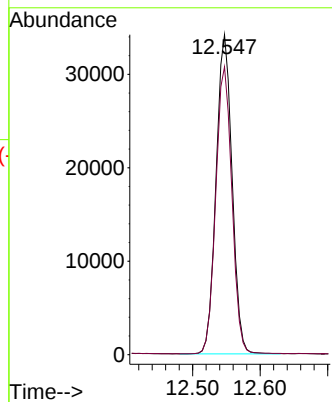
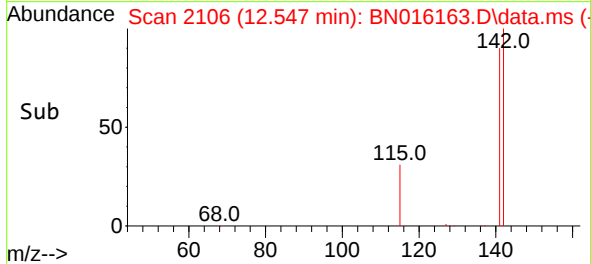
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#8
1-Methylnaphthalene
Concen: 2.760 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



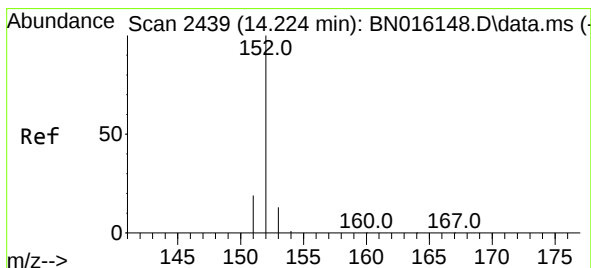
Tgt Ion:142 Resp: 56185
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.4



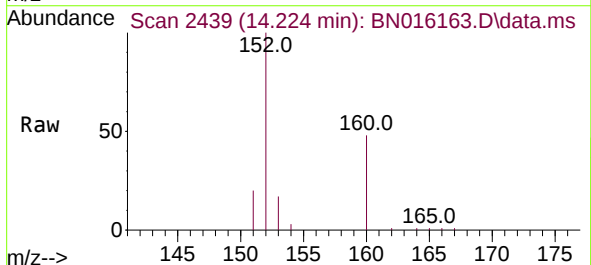
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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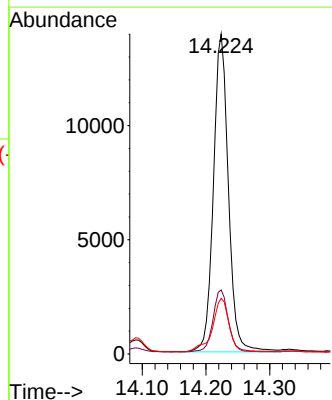
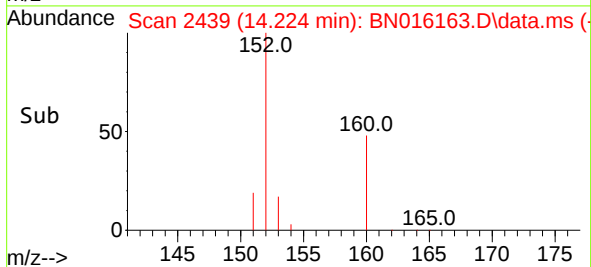
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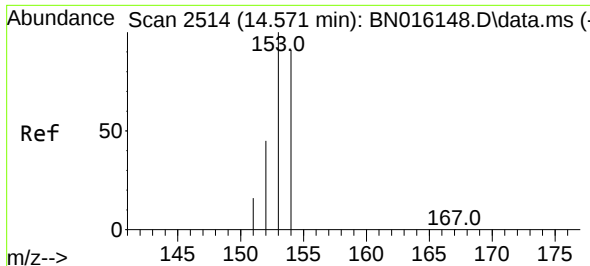


#10
Acenaphthylene
Concen: 0.799 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



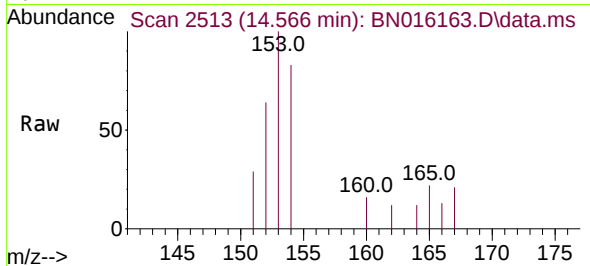
Tgt Ion:152 Resp: 22695
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 17.4 11.2 16.8#



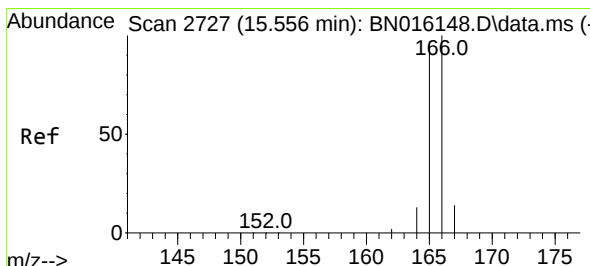
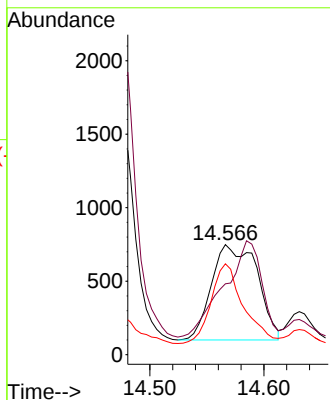
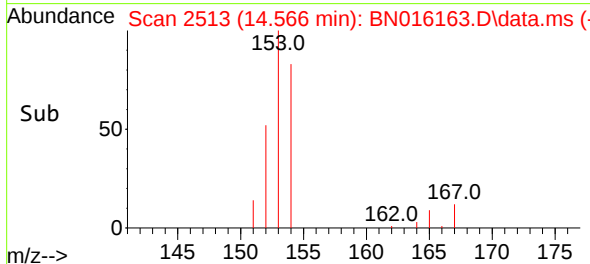


#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

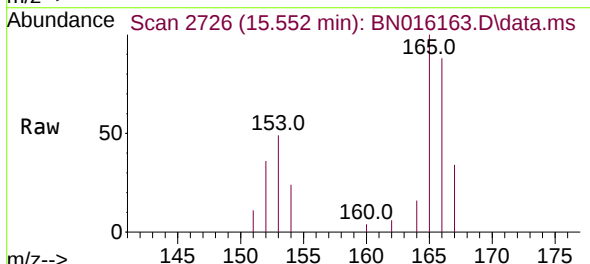
Instrument :
BNA_N
ClientSampled :
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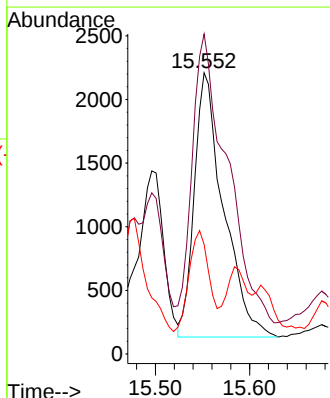
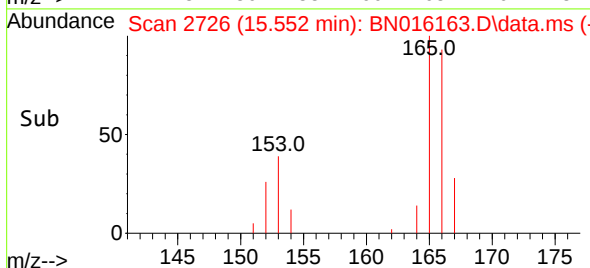
Tgt Ion:153 Resp: 1812
Ion Ratio Lower Upper
153 100
152 64.4 38.5 57.7#
154 82.5 71.3 106.9

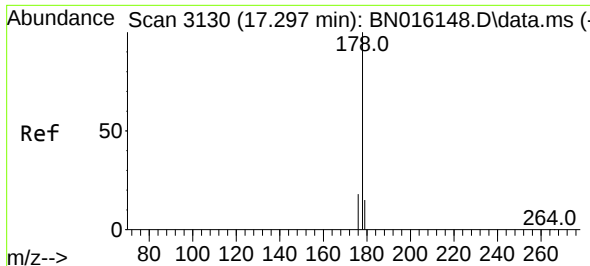


#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



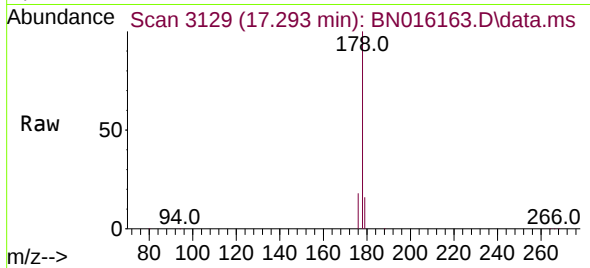
Tgt Ion:166 Resp: 4479
Ion Ratio Lower Upper
166 100
165 113.9 77.9 116.9
167 39.0 11.8 17.8#





#15
Phenanthrene
Concen: 3.001 ng/u1
RT: 17.293 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

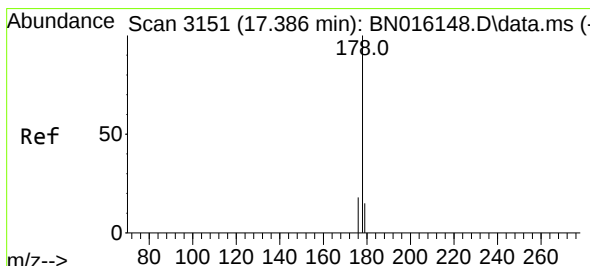
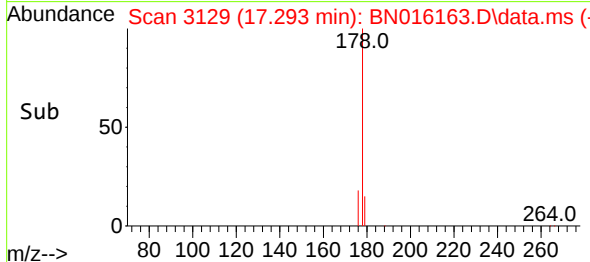
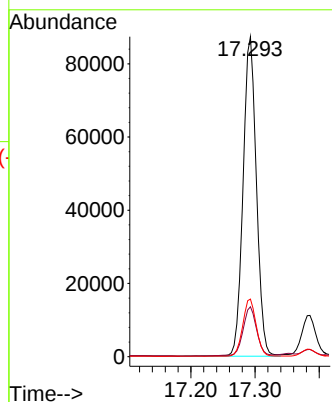
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 126309
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 18.0 15.2 22.8

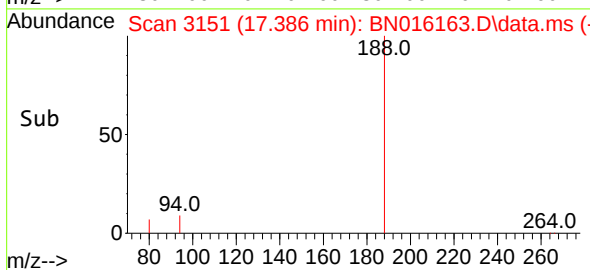
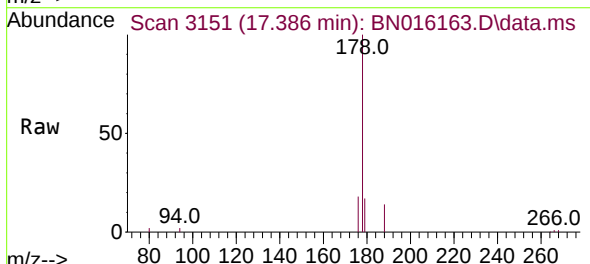
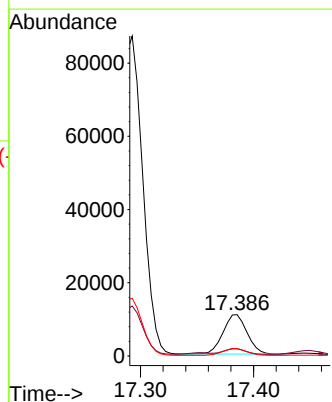
Manual Integrations
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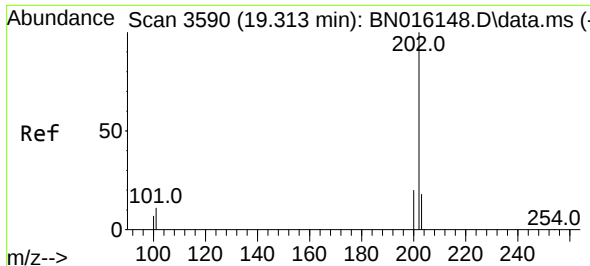
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#16
Anthracene
Concen: 0.438 ng/u1
RT: 17.386 min Scan# 3151
Delta R.T. 0.004 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

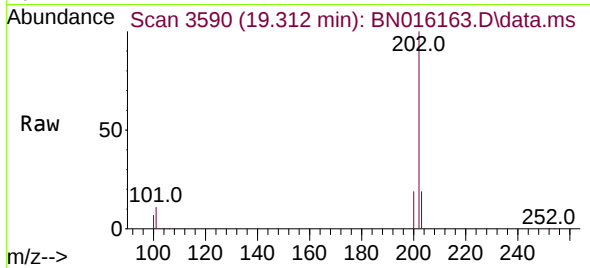
Tgt Ion:178 Resp: 15917
Ion Ratio Lower Upper
178 100
179 17.4 13.3 19.9
176 17.9 14.9 22.3





#19
Fluoranthene
Concen: 1.518 ng/ul
RT: 19.312 min Scan# 3590
Delta R.T. -0.001 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

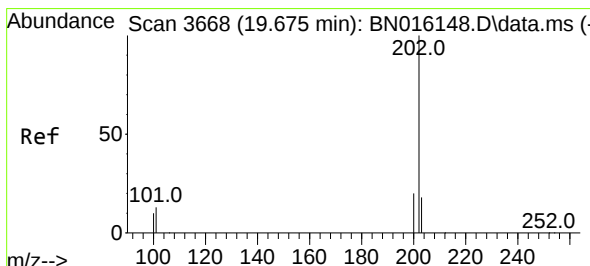
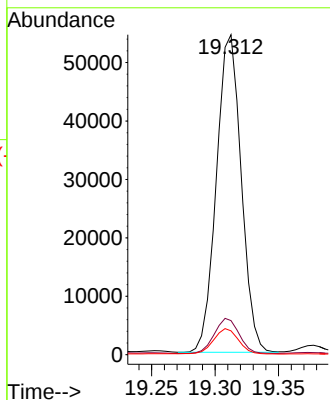
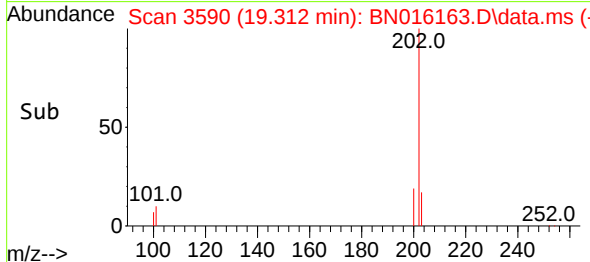
Instrument :
BNA_N
ClientSampleId :
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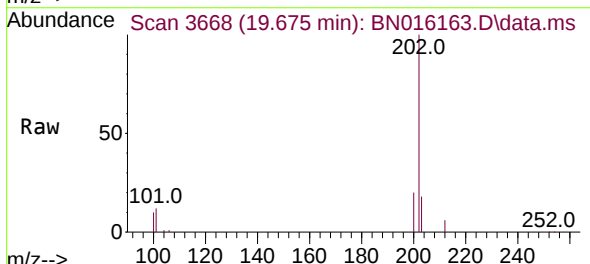
Tgt Ion:202 Resp: 73991
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 7.5 6.7 10.1

Manual Integrations
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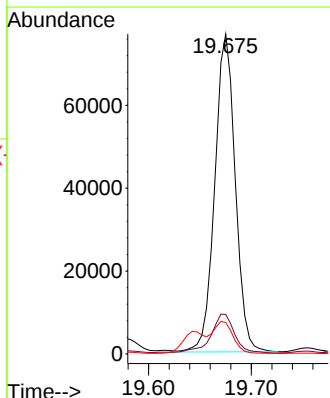
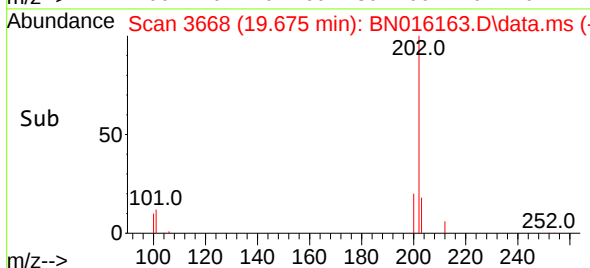
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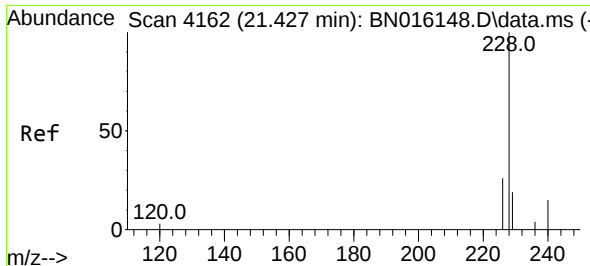


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Pyrene
Concen: 2.153 ng/ul
RT: 19.675 min Scan# 3668
Delta R.T. -0.001 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



Tgt Ion:202 Resp: 106292
Ion Ratio Lower Upper
202 100
101 12.4 11.5 17.3
100 9.8 9.8 14.8





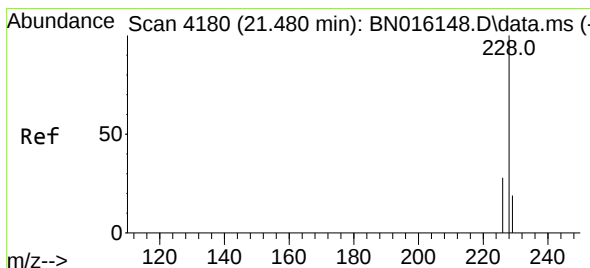
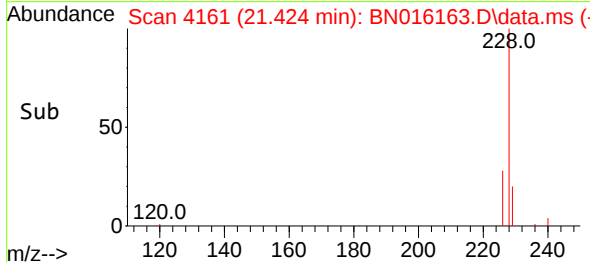
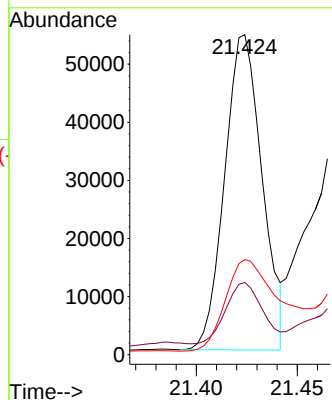
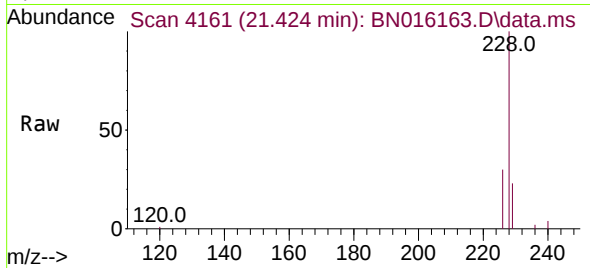
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Benzo(a)anthracene
Concen: 1.566 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

Tgt Ion:228 Resp: 70049
Ion Ratio Lower Upper
228 100
229 22.5 15.7 23.5
226 29.7 20.8 31.2

Instrument :
BNA_N
ClientSampleId :
C0AC0

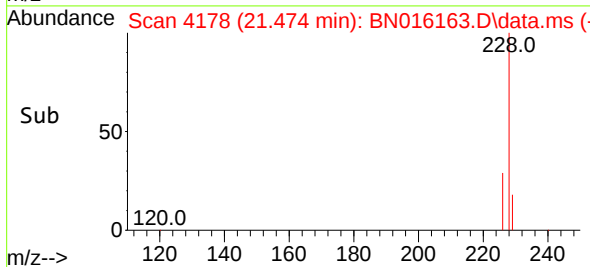
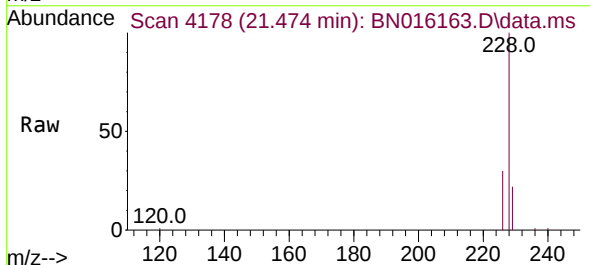
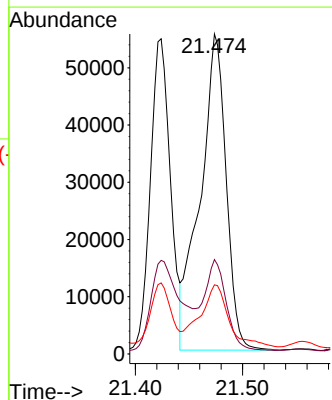
Manual Integrations
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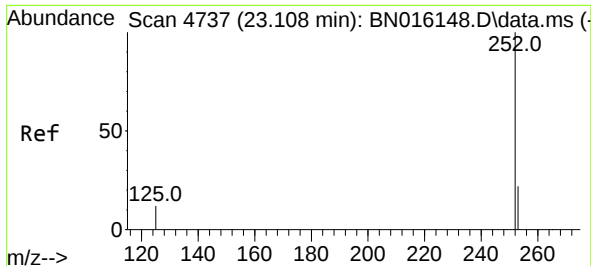
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#22
Chrysene
Concen: 1.838 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

Tgt Ion:228 Resp: 92885
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 21.6 15.6 23.4





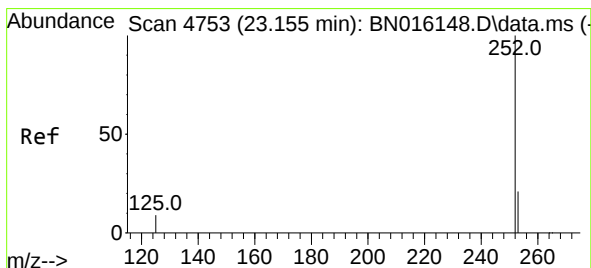
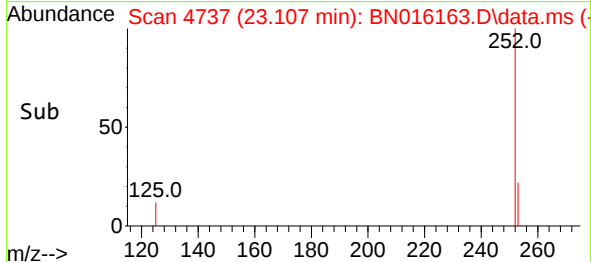
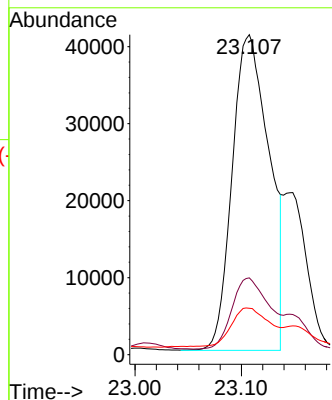
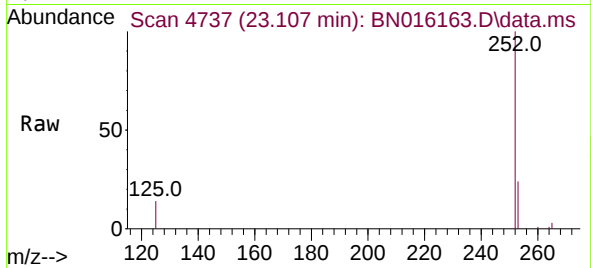
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Benzo(b)fluoranthene
Concen: 1.827 ng/ul m
RT: 23.107 min Scan# 4737
Delta R.T. 0.002 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

Tgt Ion:252 Resp: 98923
Ion Ratio Lower Upper
252 100
253 24.0 0.0 49.4
125 14.5 0.0 27.0

Instrument :
BNA_N
ClientSampleId :
C0AC0

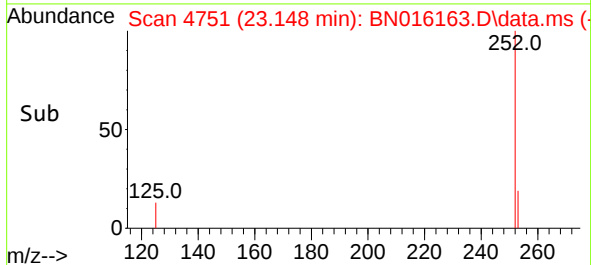
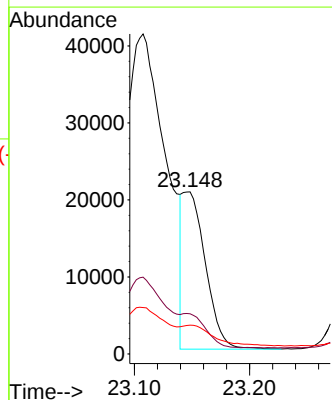
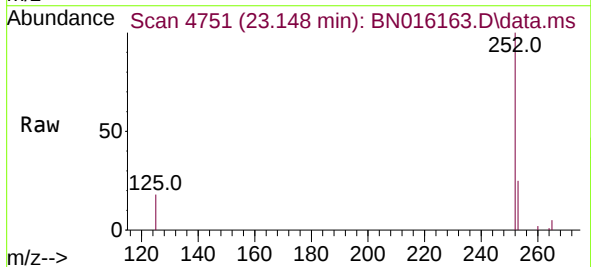
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APPROVED

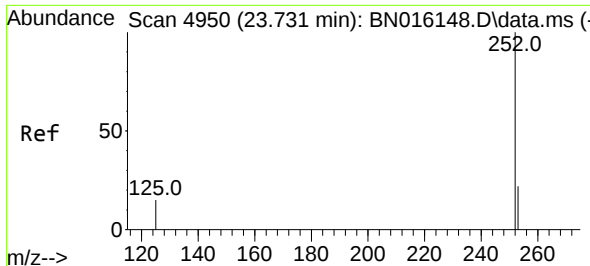
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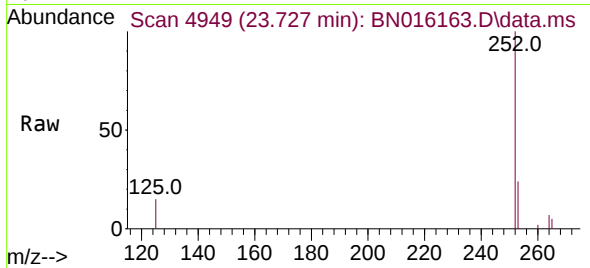
#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 23.148 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25

Tgt Ion:252 Resp: 28203
Ion Ratio Lower Upper
252 100
253 24.8 19.4 29.0
125 17.8 10.9 16.3#

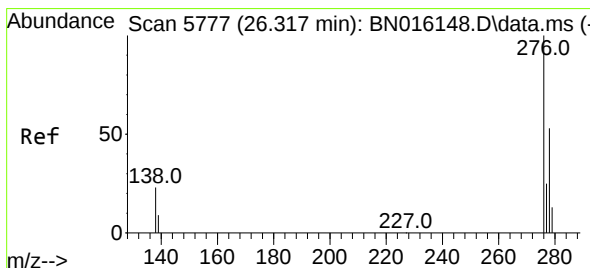
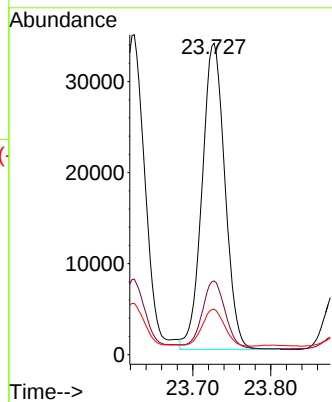
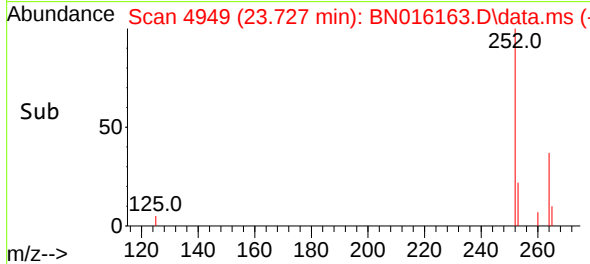




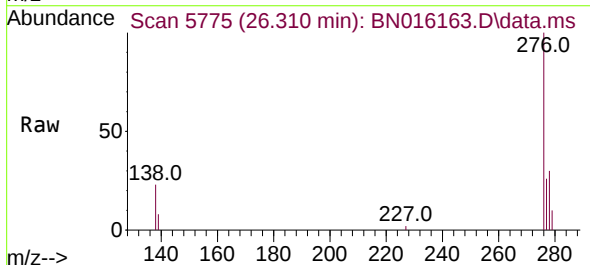
#26
Benzo(a)pyrene
Concen: 1.488 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



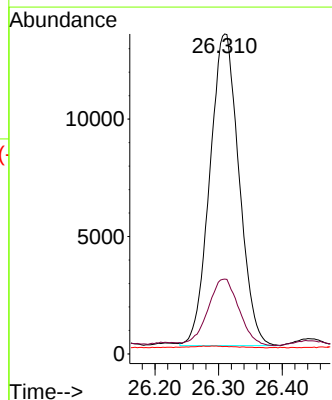
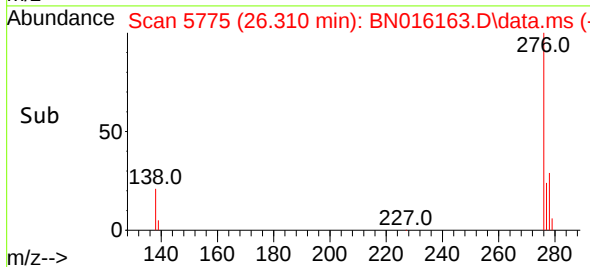
Tgt Ion:252 Resp: 68352
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.2
125 14.6 12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.712 ng/ul
RT: 26.310 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



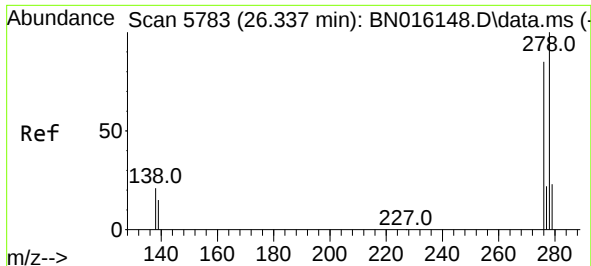
Tgt Ion:276 Resp: 42277
Ion Ratio Lower Upper
276 100
138 22.8 22.7 34.1
227 0.9 0.2 0.2#



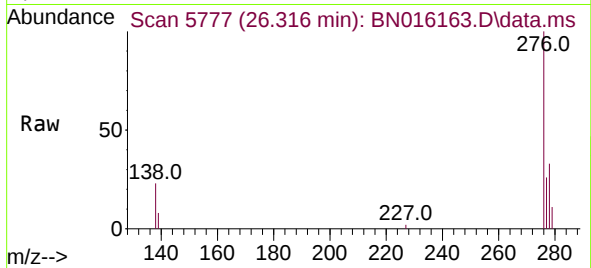
Instrument :
BNA_N
ClientSampleId :
C0AC0

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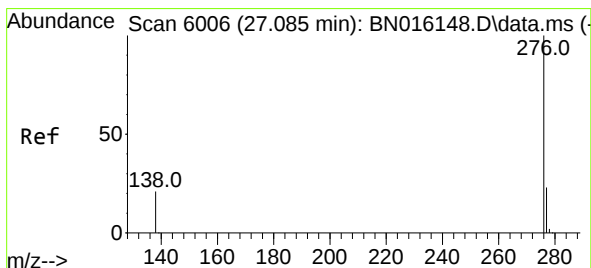
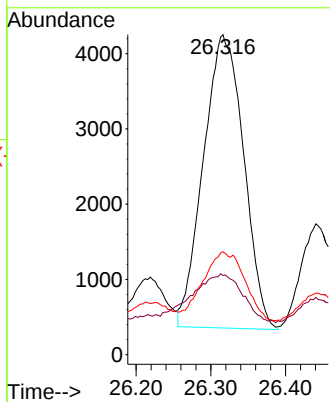
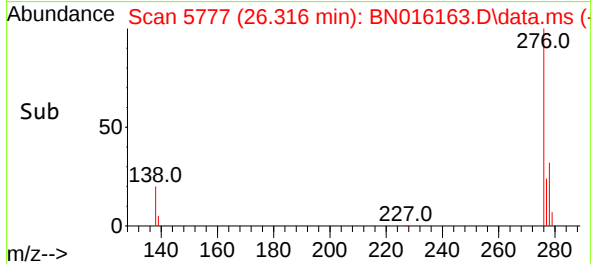
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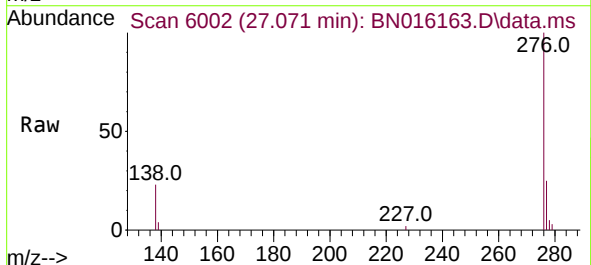
#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.014 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



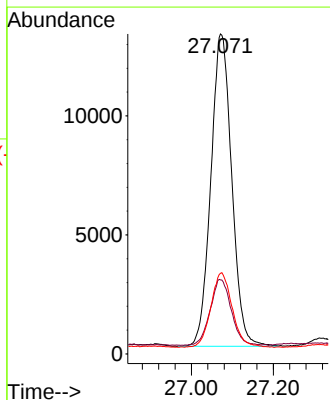
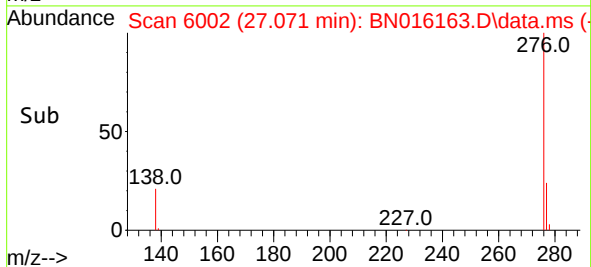
Tgt Ion: 278 Resp: 14639
Ion Ratio Lower Upper
278 100
139 24.8 15.1 22.7#
279 32.1 20.5 30.7#



#29
Benzo(g,h,i)perylene
Concen: 0.903 ng/ul
RT: 27.071 min Scan# 6002
Delta R.T. -0.004 min
Lab File: BN016163.D
Acq: 03 Sep 2021 07:25



Tgt Ion: 276 Resp: 46514
Ion Ratio Lower Upper
276 100
138 23.2 19.3 28.9
277 25.2 19.8 29.8



Instrument :
BNA_N
ClientSampleId :
C0AC0

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