

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016139.D
 Acq On : 02 Sep 2021 16:17
 Operator : CG/JU
 Sample : M3458-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:47 AM

Quant Time: Sep 02 16:46:24 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	2614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11071	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6621	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	13171	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	12565	0.400	ng/ul	# 0.00
23) Perylene-d12	23.841	264	12225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	6395	2.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	2614	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	6653	0.197	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.716	128	12881	0.437	ng/ul	100
7) 2-Methylnaphthalene	12.333	142	12265	0.638	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	10943	0.570	ng/ul	100
10) Acenaphthylene	14.224	152	13127	0.524	ng/ul	97
11) Acenaphthene	14.566	153	3001	0.143	ng/ul	97
12) Fluorene	15.556	166	4041	0.168	ng/ul#	96
14) Pentachlorophenol	16.909	266	88	0.041	ng/ul	93
15) Phenanthrene	17.297	178	130047	3.426	ng/ul	98
16) Anthracene	17.386	178	23778	0.725	ng/ul	99
19) Fluoranthene	19.313	202	255302	6.100	ng/ul	99
20) Pyrene	19.680	202	203669	4.804	ng/ul#	94
21) Benzo(a)anthracene	21.427	228	121493	3.162	ng/ul	97
22) Chrysene	21.480	228	118439	2.728	ng/ul	97
24) Benzo(b)fluoranthene	23.113	252	153791m	3.343	ng/ul	
25) Benzo(k)fluoranthene	23.154	252	50917m	1.100	ng/ul	
26) Benzo(a)pyrene	23.736	252	86526	2.218	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.323	276	66751	1.324	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.330	278	18405	0.443	ng/ul#	78
29) Benzo(g,h,i)perylene	27.088	276	10314	0.236	ng/ul#	72

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

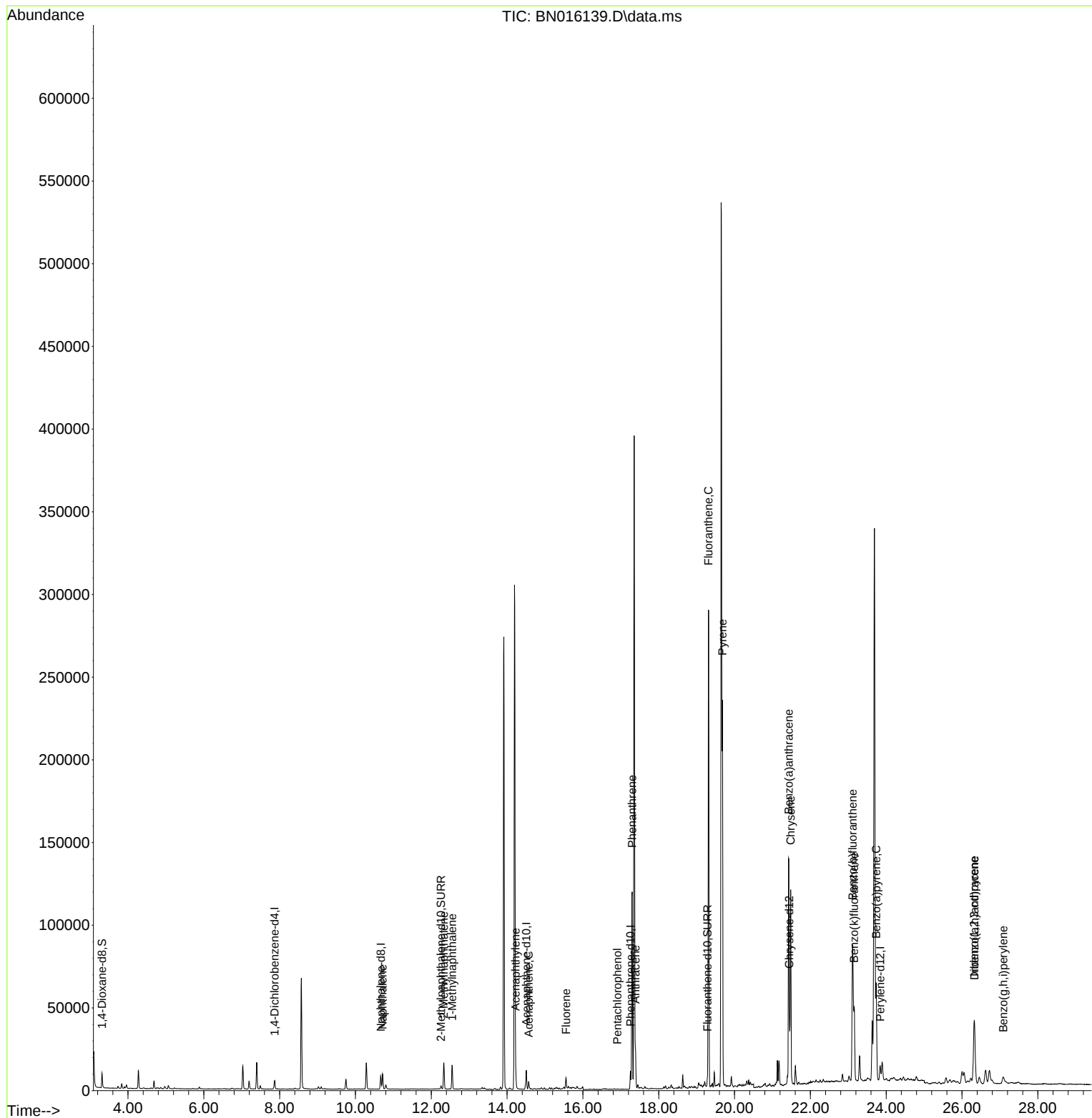
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016139.D
Acq On : 02 Sep 2021 16:17
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

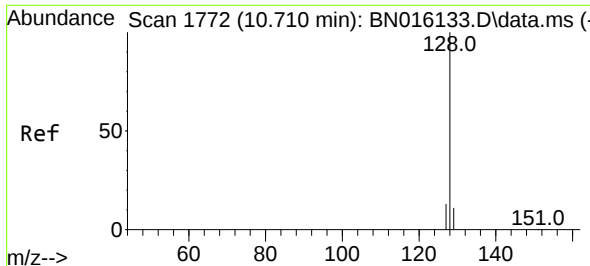
Instrument :
BNA_N
ClientSampleId :
C0AB6

Manual Integrations
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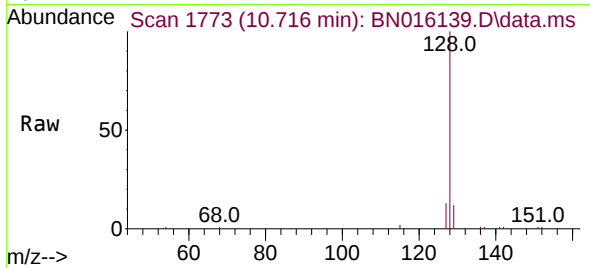
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Quant Time: Sep 02 16:46:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

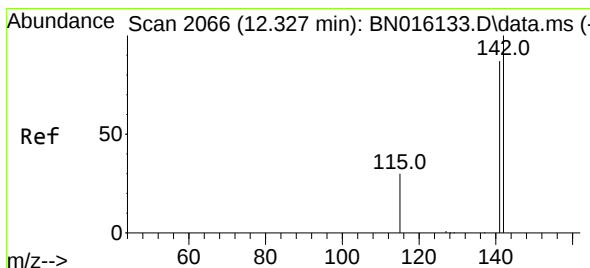
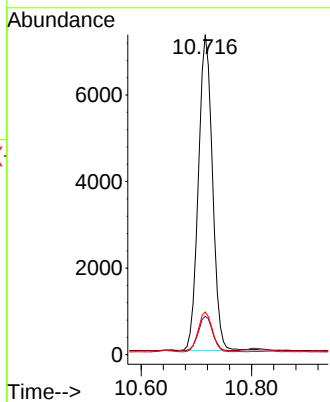
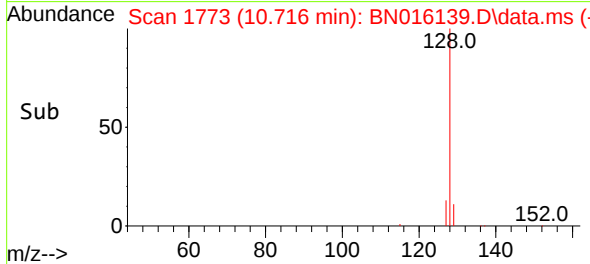




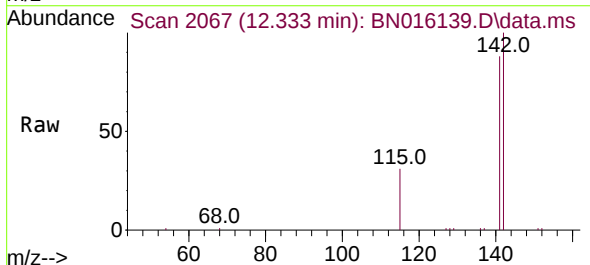
#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



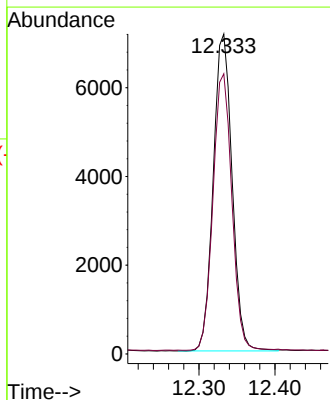
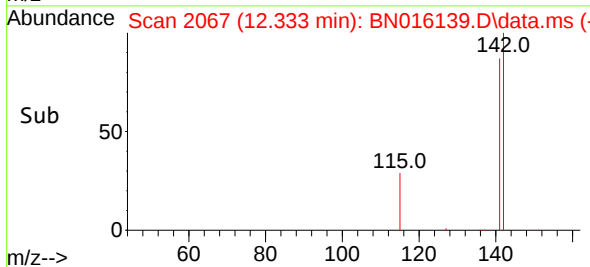
Tgt Ion:128 Resp: 12881
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 13.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.638 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



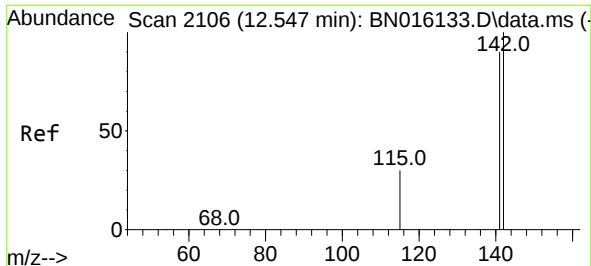
Tgt Ion:142 Resp: 12265
Ion Ratio Lower Upper
142 100
141 87.5 69.5 104.3



Instrument :
BNA_N
ClientSampleId :
C0AB6

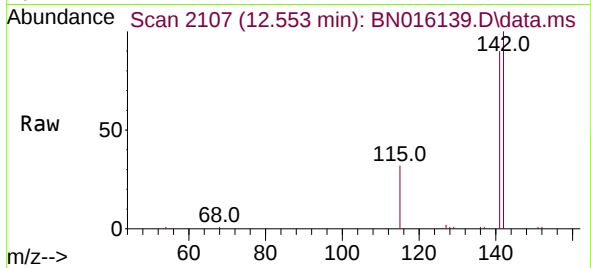
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#8
1-Methylnaphthalene
Concen: 0.570 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

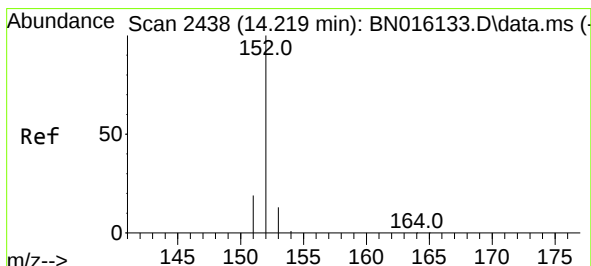
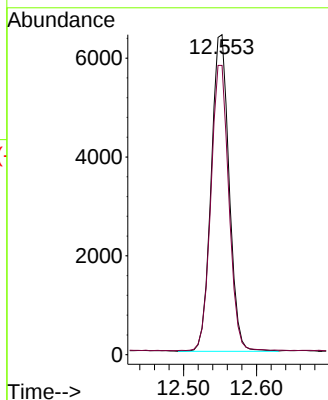
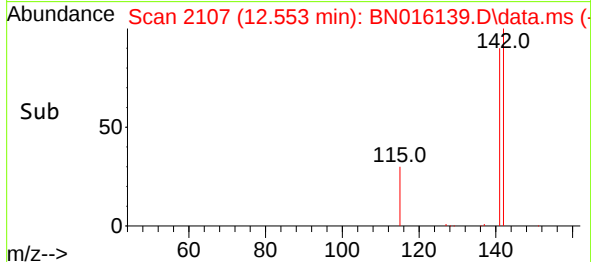
Instrument :
BNA_N
ClientSampled :
C0AB6



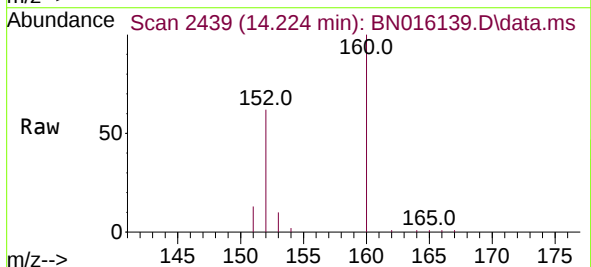
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Ion Ratio Lower Upper
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141 90.1 72.2 108.4

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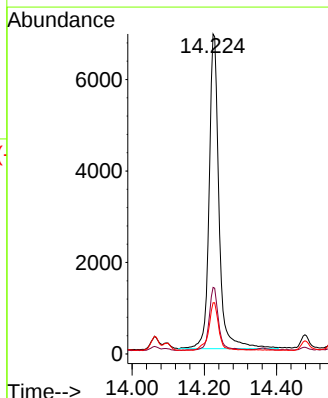
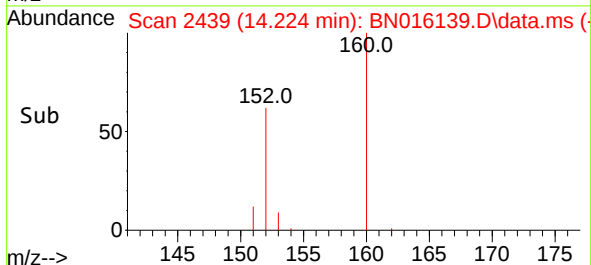
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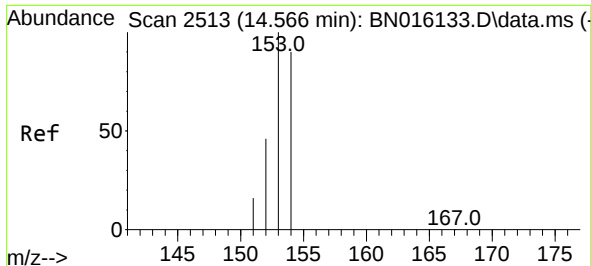


#10
Acenaphthylene
Concen: 0.524 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



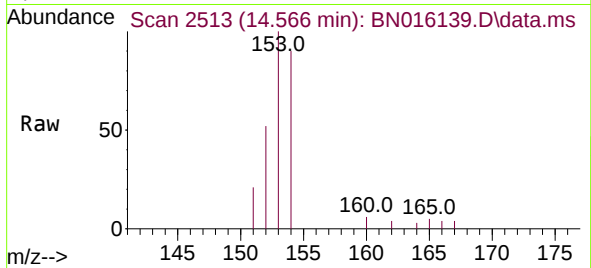
Tgt Ion:152 Resp: 13127
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 16.0 11.2 16.8





#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

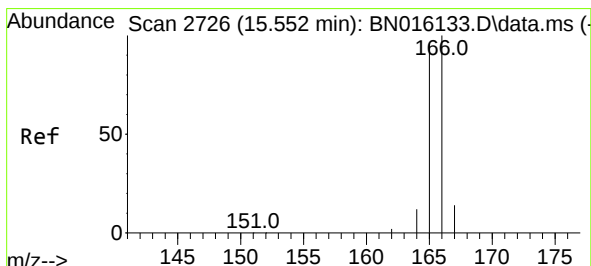
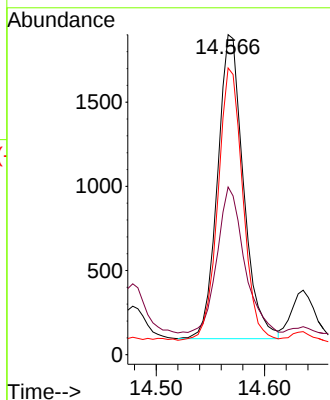
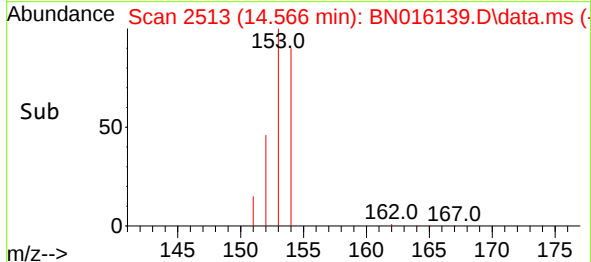
Instrument :
BNA_N
ClientSampleId :
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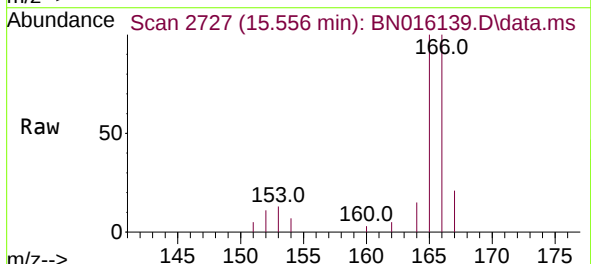
Tgt Ion:153 Resp: 3001
Ion Ratio Lower Upper
153 100
152 52.4 38.5 57.7
154 89.6 71.3 106.9

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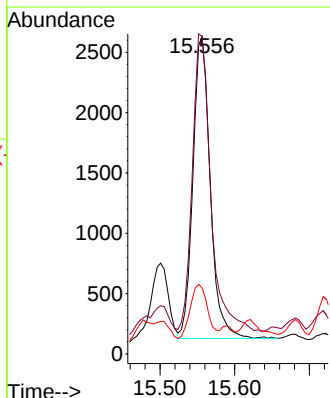
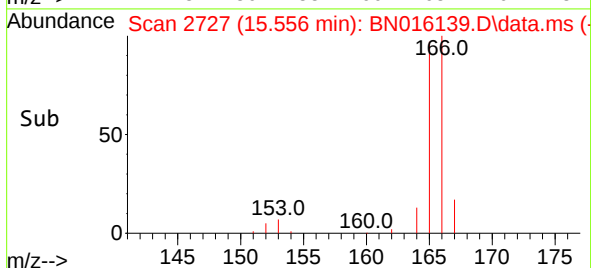
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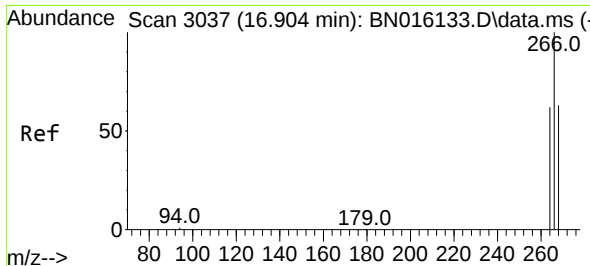


#12
Fluorene
Concen: 0.168 ng/ul
RT: 15.556 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



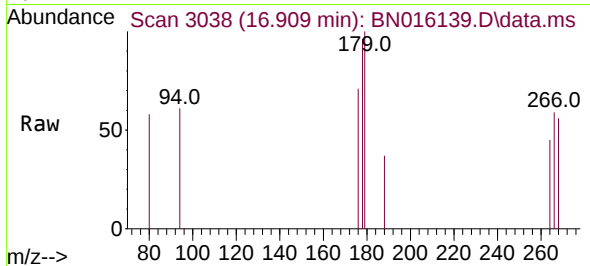
Tgt Ion:166 Resp: 4041
Ion Ratio Lower Upper
166 100
165 100.0 77.9 116.9
167 20.8 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.041 ng/ul
 RT: 16.909 min Scan# 3038
 Delta R.T. 0.004 min
 Lab File: BN016139.D
 Acq: 02 Sep 2021 16:17

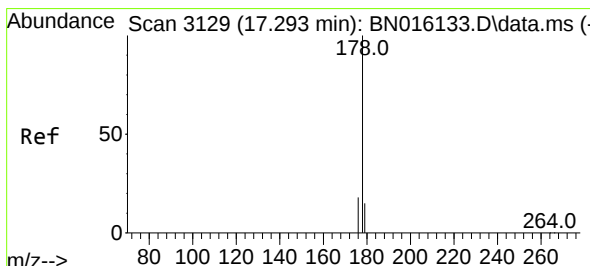
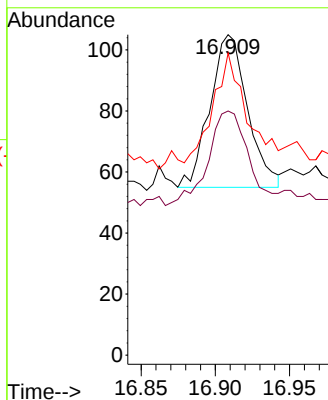
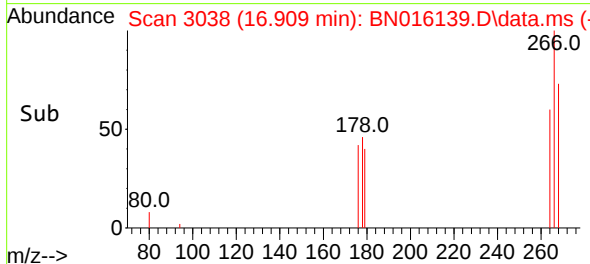
Instrument :
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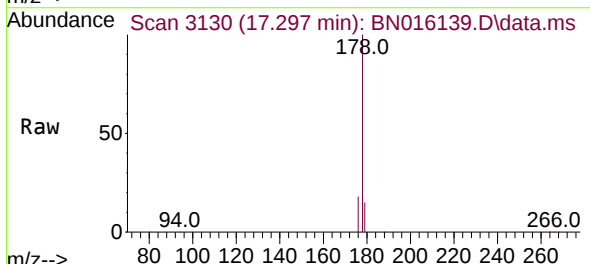
Tgt Ion:266 Resp: 88
 Ion Ratio Lower Upper
 266 100
 264 72.7 50.3 75.5
 268 64.8 51.4 77.2

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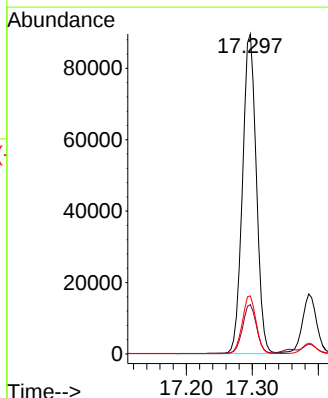
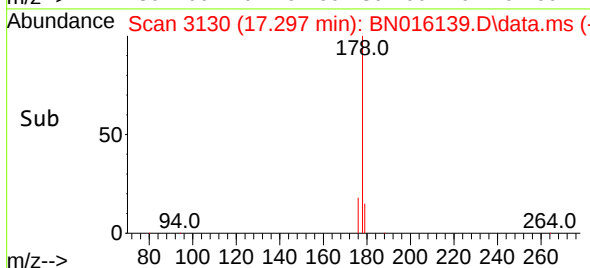
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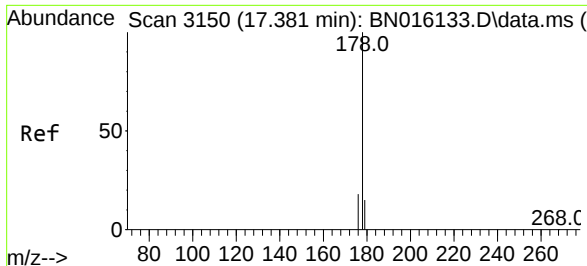


#15
 Phenanthrene
 Concen: 3.426 ng/ul
 RT: 17.297 min Scan# 3130
 Delta R.T. 0.004 min
 Lab File: BN016139.D
 Acq: 02 Sep 2021 16:17



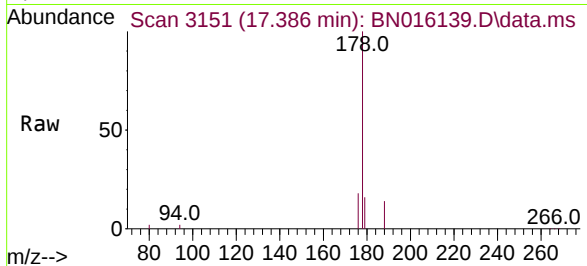
Tgt Ion:178 Resp: 130047
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 18.1 15.2 22.8





#16
 Anthracene
 Concen: 0.725 ng/ul
 RT: 17.386 min Scan# 3151
 Delta R.T. 0.004 min
 Lab File: BN016139.D
 Acq: 02 Sep 2021 16:17

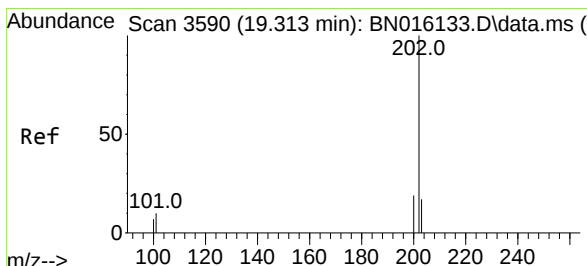
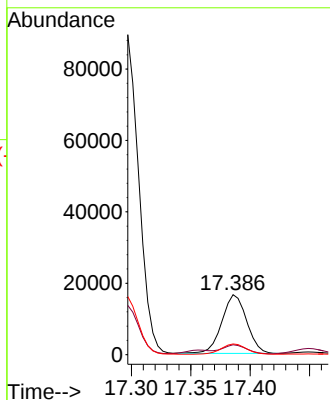
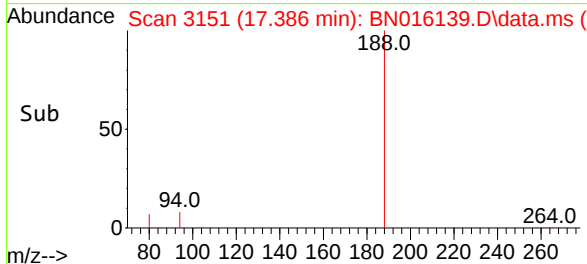
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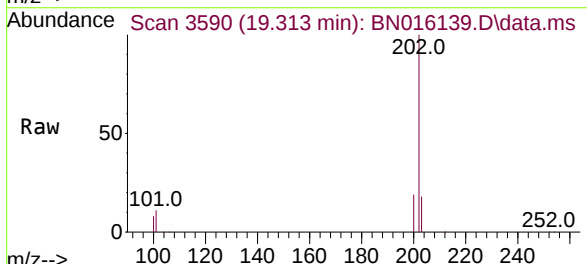
Tgt Ion:178 Resp: 23778
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.3 19.9
 176 17.8 14.9 22.3

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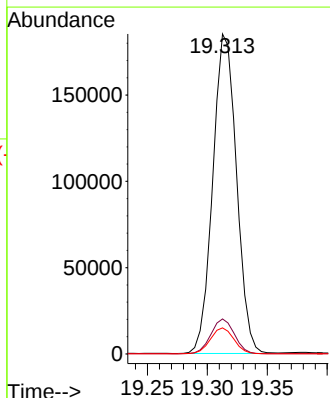
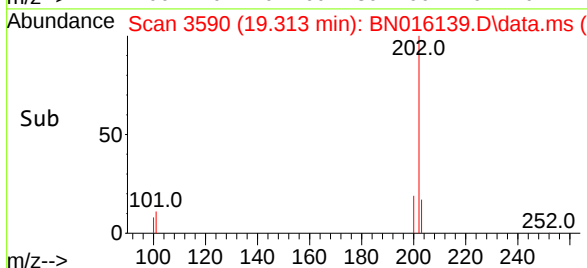
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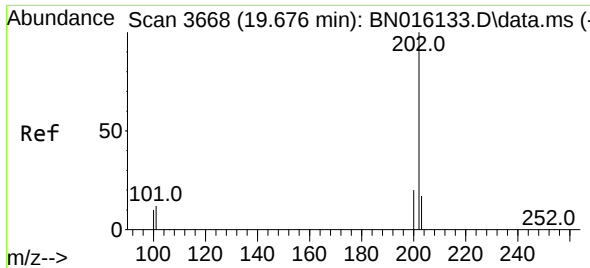


#19
 Fluoranthene
 Concen: 6.100 ng/ul
 RT: 19.313 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: BN016139.D
 Acq: 02 Sep 2021 16:17



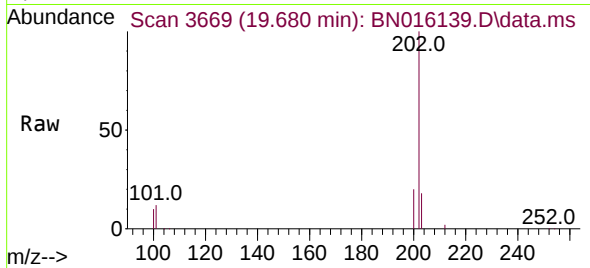
Tgt Ion:202 Resp: 255302
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.2 13.8
 100 8.1 6.7 10.1





#20
Pyrene
Concen: 4.804 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

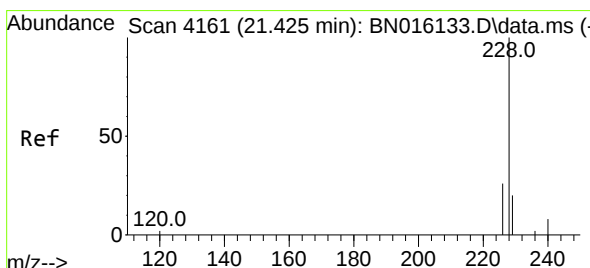
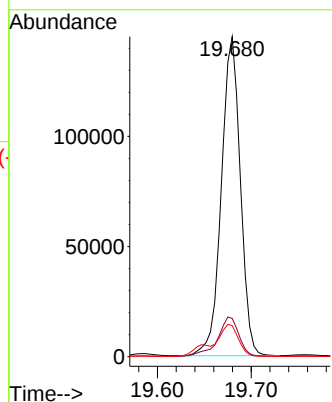
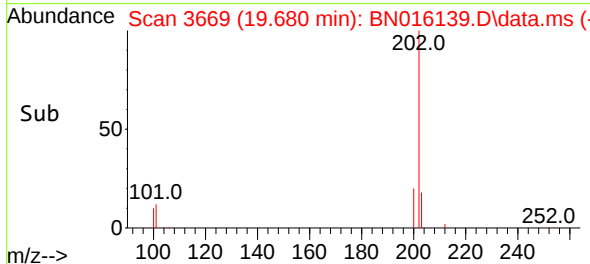
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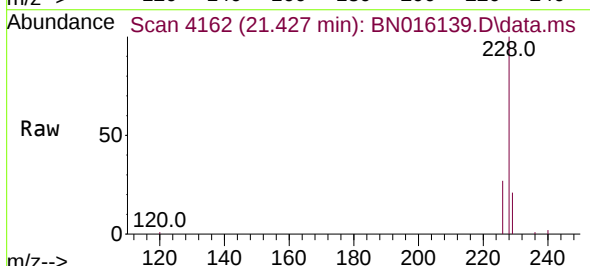
Tgt Ion:202 Resp: 203669
Ion Ratio Lower Upper
202 100
101 12.0 11.5 17.3
100 9.7 9.8 14.8#

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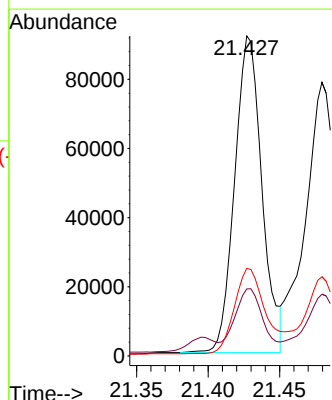
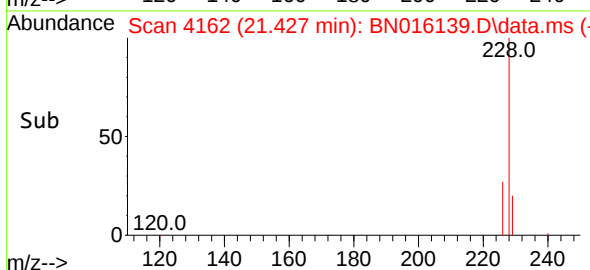
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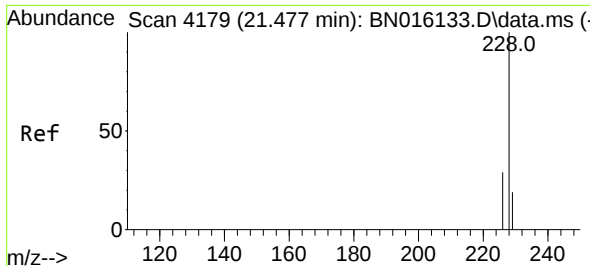


#21
Benzo(a)anthracene
Concen: 3.162 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. 0.002 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

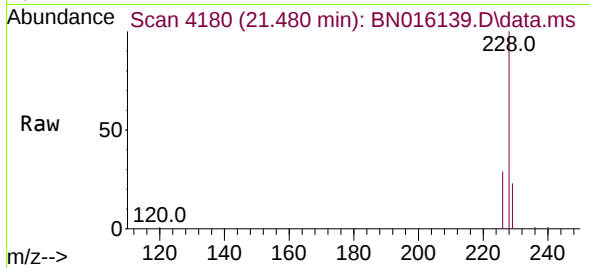


Tgt Ion:228 Resp: 121493
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 27.4 20.8 31.2

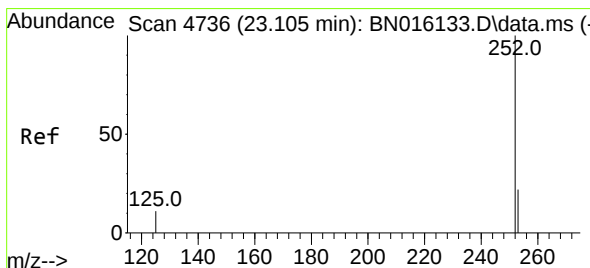
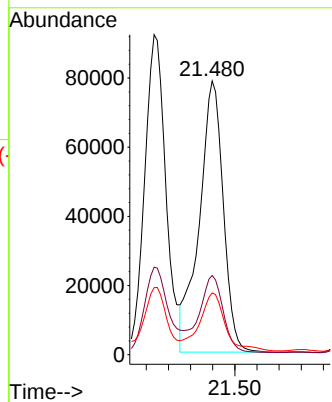
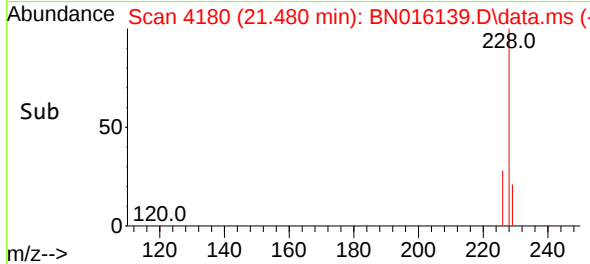




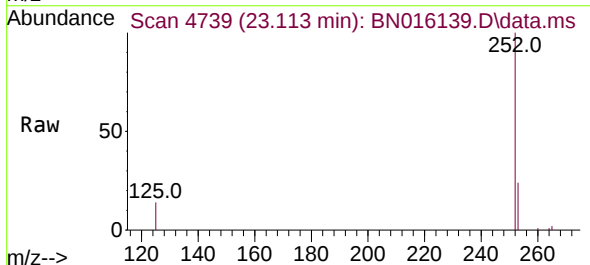
#22
Chrysene
Concen: 2.728 ng/ul
RT: 21.480 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



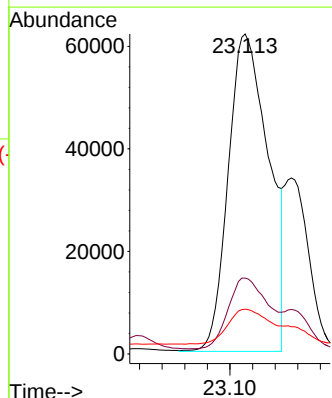
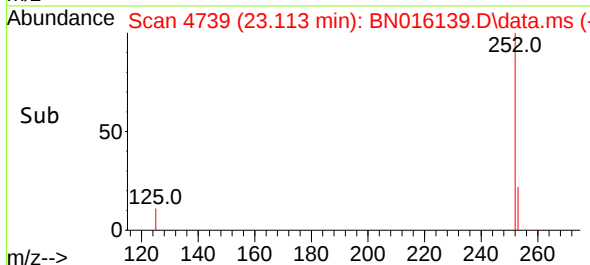
Tgt Ion:228 Resp: 118439
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 22.6 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 3.343 ng/ul m
RT: 23.113 min Scan# 4739
Delta R.T. 0.008 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



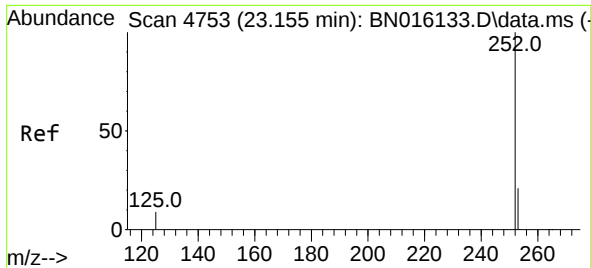
Tgt Ion:252 Resp: 153791
Ion Ratio Lower Upper
252 100
253 23.7 0.0 49.4
125 14.0 0.0 27.0



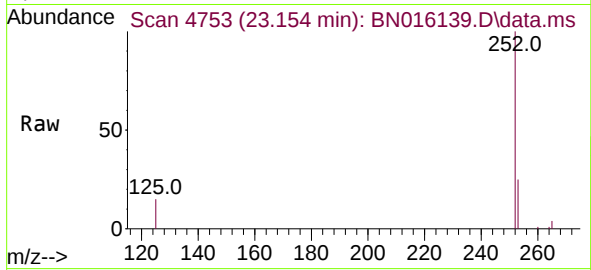
Instrument :
BNA_N
ClientSampleId :
C0AB6

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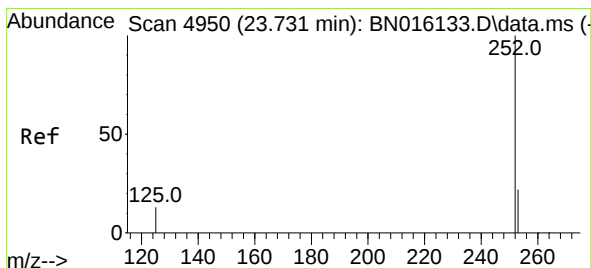
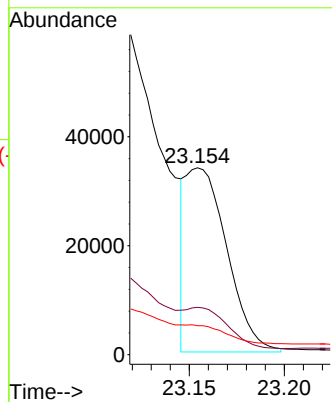
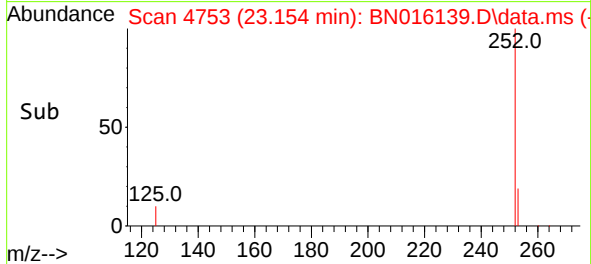
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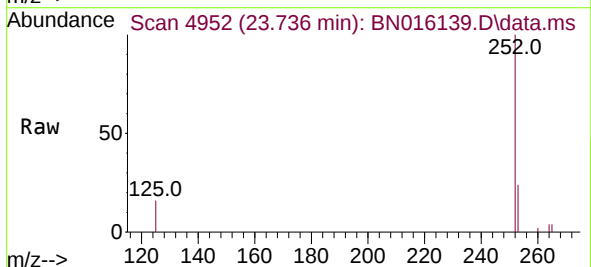
#25
Benzo(k)fluoranthene
Concen: 1.100 ng/ul m
RT: 23.154 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



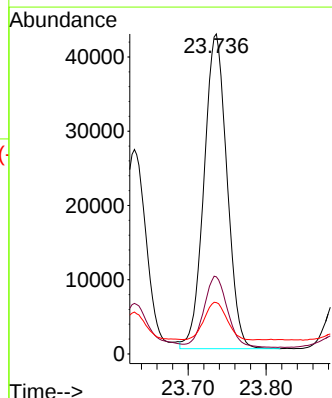
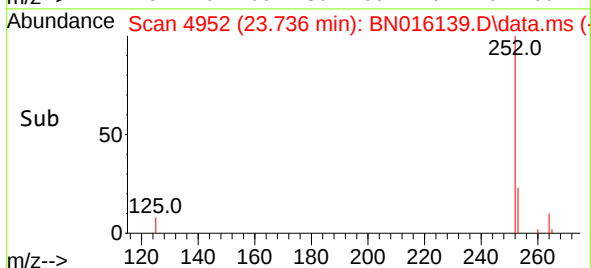
Tgt Ion:252 Resp: 50917
Ion Ratio Lower Upper
252 100
253 25.3 19.4 29.0
125 15.5 10.9 16.3



#26
Benzo(a)pyrene
Concen: 2.218 ng/ul
RT: 23.736 min Scan# 4952
Delta R.T. 0.005 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



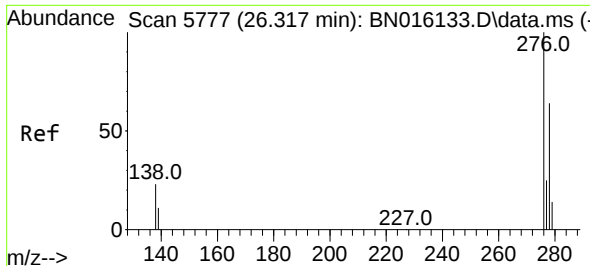
Tgt Ion:252 Resp: 86526
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.2
125 16.1 12.6 18.8



Instrument :
BNA_N
ClientSampleId :
C0AB6

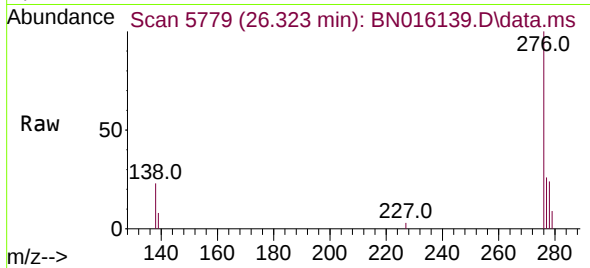
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.324 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. 0.006 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

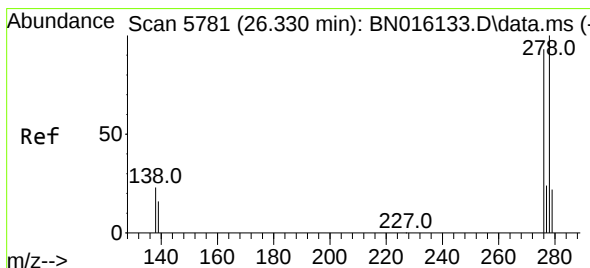
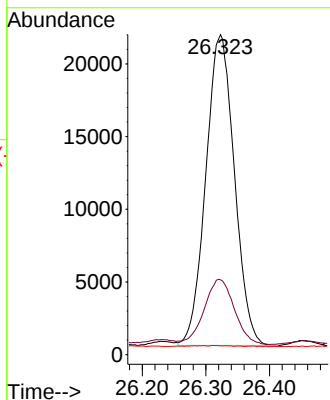
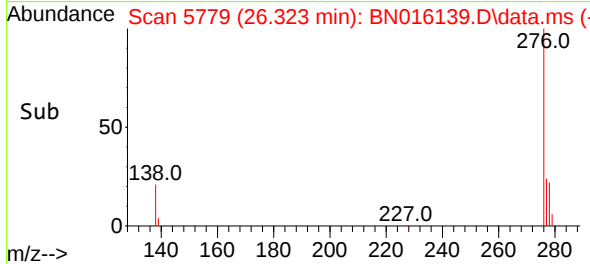
Instrument :
BNA_N
ClientSampled :
C0AB6



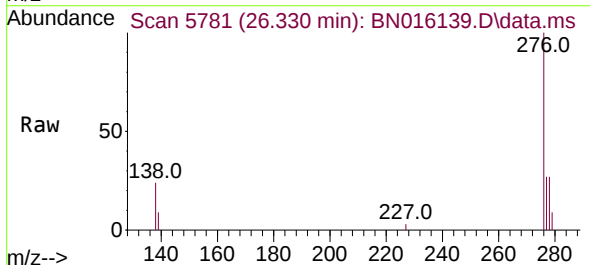
Tgt Ion:276 Resp: 66751
Ion Ratio Lower Upper
276 100
138 22.1 22.7 34.1#
227 0.2 0.2 0.2

Manual Integrations
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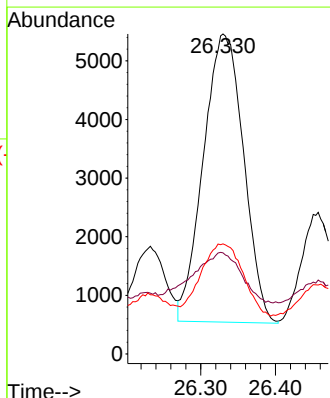
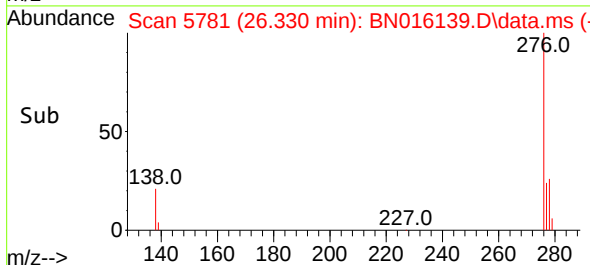
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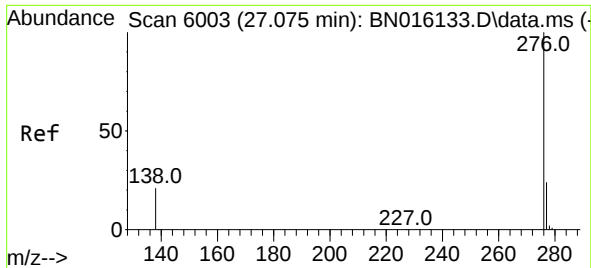


#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.000 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17



Tgt Ion:278 Resp: 18405
Ion Ratio Lower Upper
278 100
139 31.6 15.1 22.7#
279 34.4 20.5 30.7#





#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.013 min
Lab File: BN016139.D
Acq: 02 Sep 2021 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.3	19.3	28.9#
277	36.3	19.8	29.8#

Instrument :
BNA_N
ClientSampleId :
C0AB6

Manual Integrations
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