

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016091.D
 Acq On : 27 Aug 2021 04:51
 Operator : CG/JU
 Sample : M3458-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW8

Manual Integrations
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Quant Time: Aug 27 05:39:42 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	1778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7894	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	5104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	10257	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	9226	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	9573	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4863	2.019	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1847	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	4792	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	27749	1.361	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	18470	1.340	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	16772	1.243	ng/ul	99
10) Acenaphthylene	14.219	152	77369	4.293	ng/ul	97
11) Acenaphthene	14.562	153	10824	0.697	ng/ul	99
12) Fluorene	15.547	166	27771	1.508	ng/ul	97
15) Phenanthrene	17.289	178	753262	26.618	ng/ul	98
16) Anthracene	17.377	178	102726	4.205	ng/ul	98
19) Fluoranthene	19.308	202	1226727	42.555	ng/ul	97
20) Pyrene	19.671	202	946075	32.602	ng/ul	96
21) Benzo(a)anthracene	21.416	228	513306	17.870	ng/ul	98
22) Chrysene	21.471	228	544336	17.611	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	706750m	19.784	ng/ul	
25) Benzo(k)fluoranthene	23.137	252	243799m	6.772	ng/ul	
26) Benzo(a)pyrene	23.716	252	362384	12.064	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.290	276	294062	7.397	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.300	278	81607	2.439	ng/ul	96
29) Benzo(g,h,i)perylene	27.045	276	23916	0.698	ng/ul	94

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

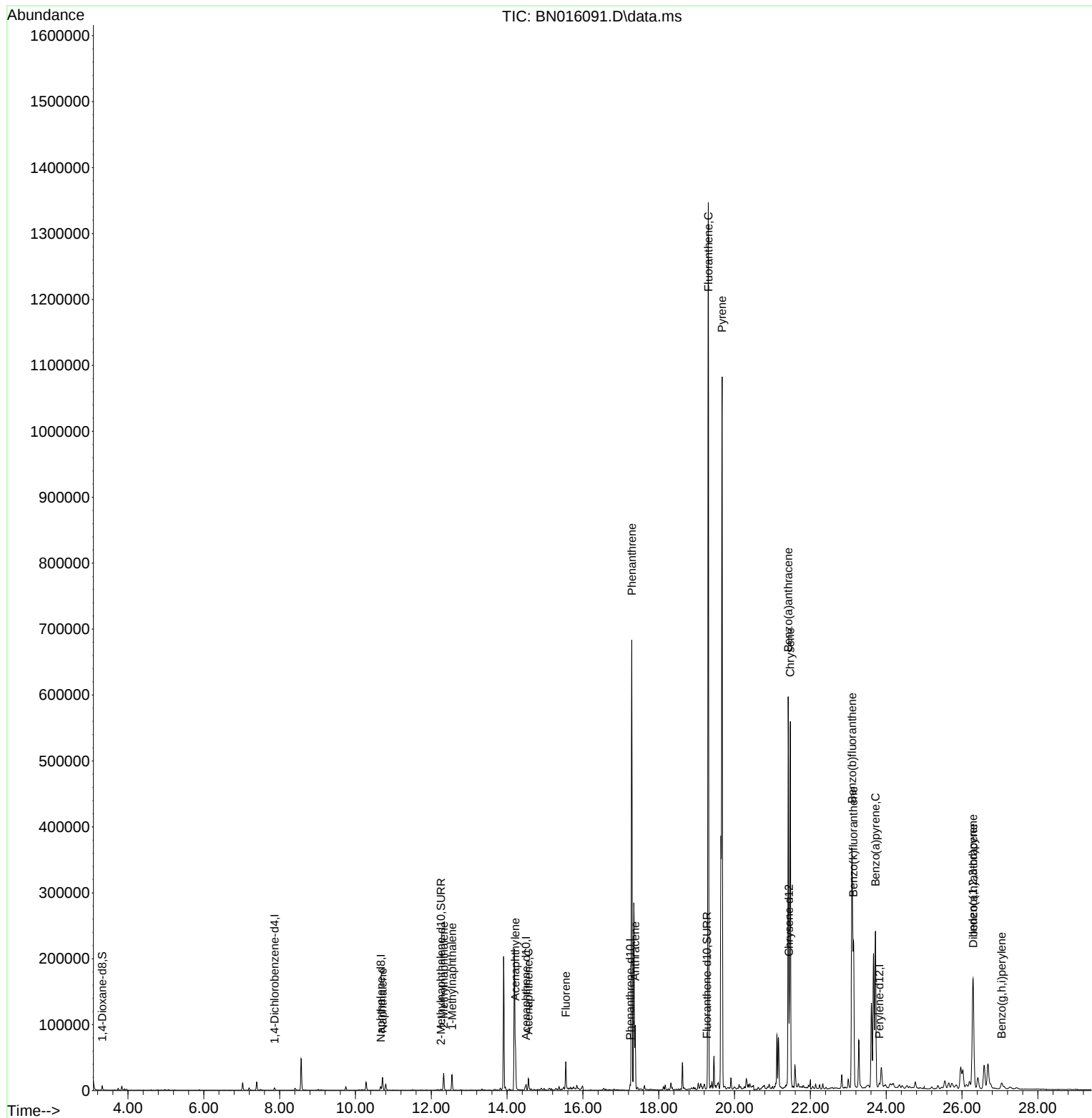
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Data File : BN016091.D
Acq On : 27 Aug 2021 04:51
Operator : CG/JU
Sample : M3458-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

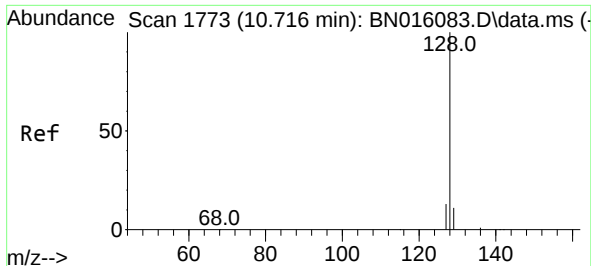
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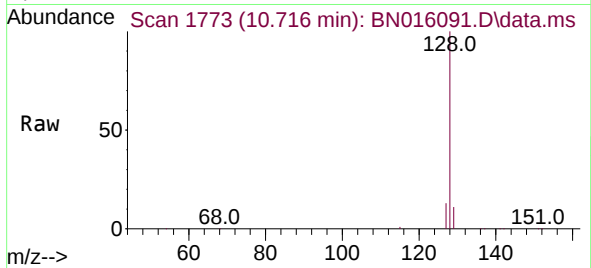
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Quant Time: Aug 27 05:39:42 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

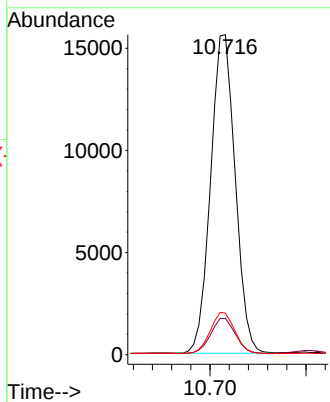
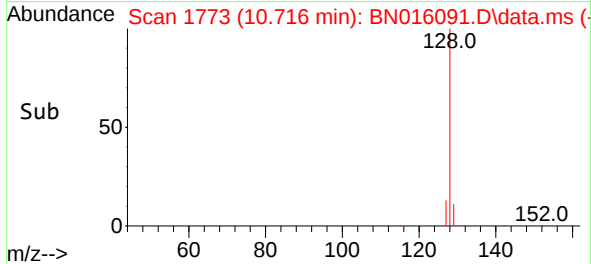




#5
Naphthalene
Concen: 1.361 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



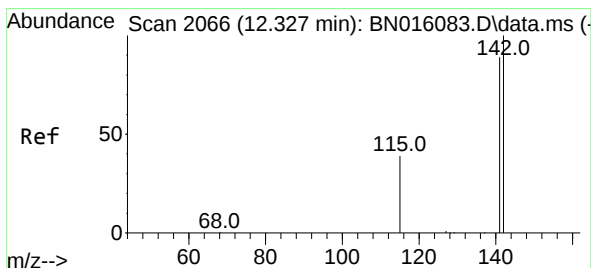
Tgt Ion:128 Resp: 27749
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.0 11.1 16.7



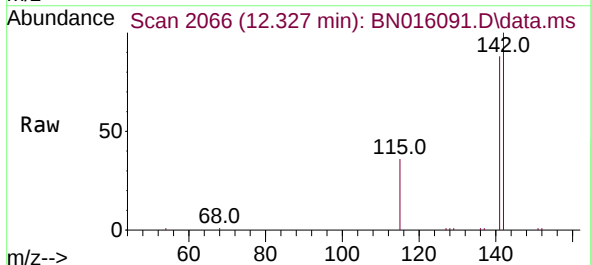
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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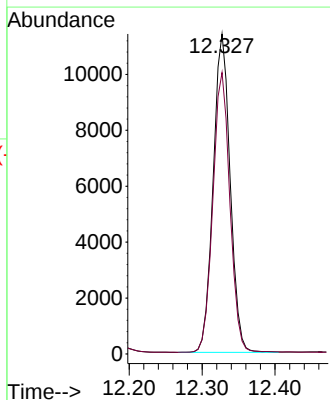
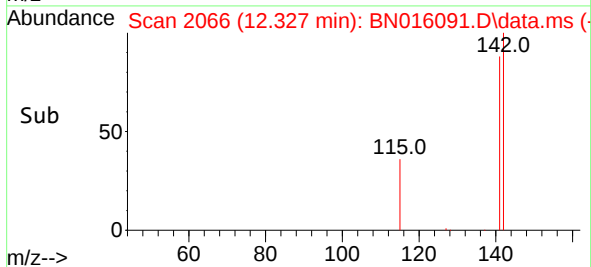
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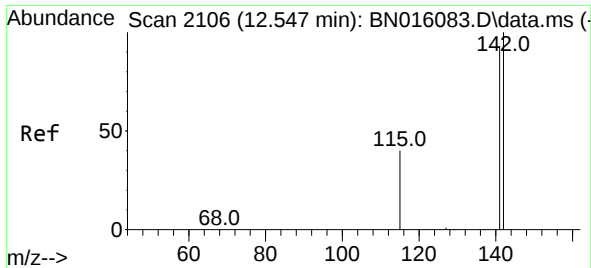


#7
2-Methylnaphthalene
Concen: 1.340 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



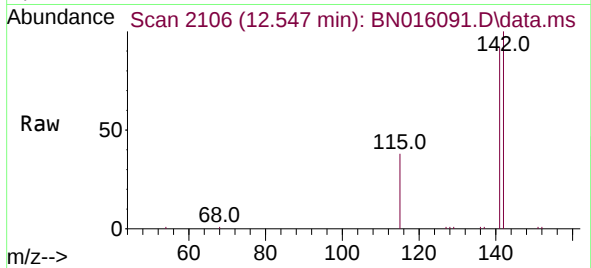
Tgt Ion:142 Resp: 18470
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.6





#8
1-Methylnaphthalene
Concen: 1.243 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

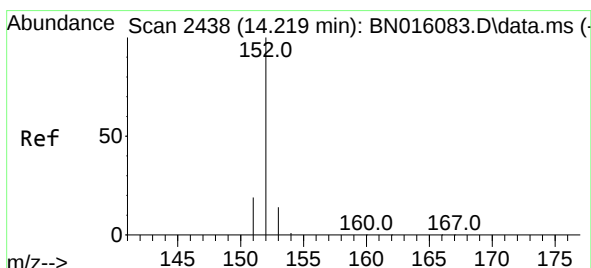
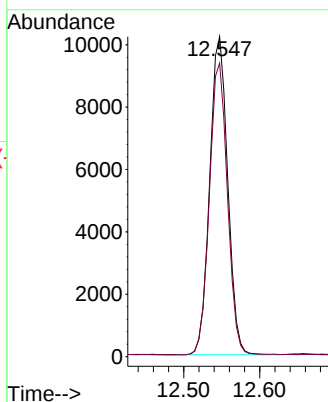
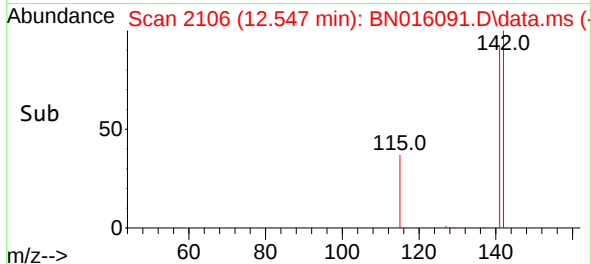
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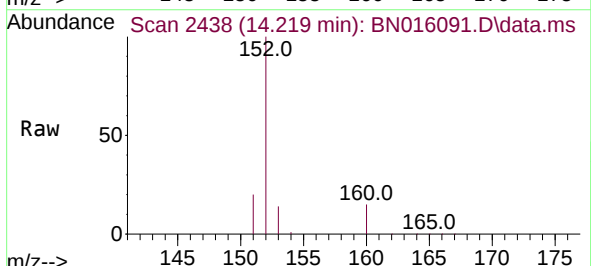
Tgt Ion:142 Resp: 16772
Ion Ratio Lower Upper
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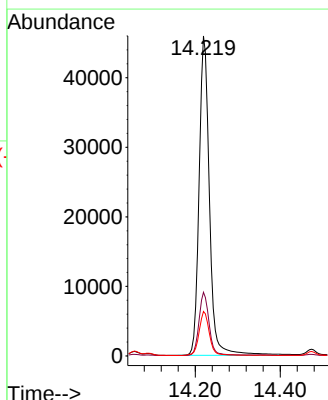
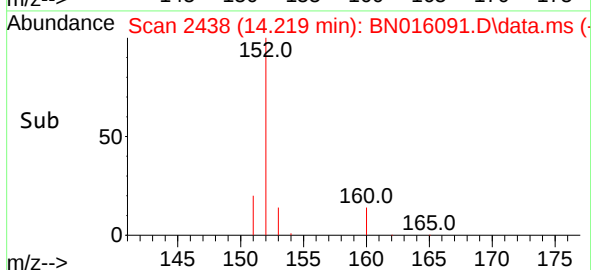
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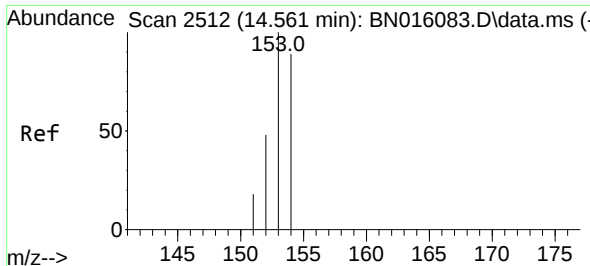


#10
Acenaphthylene
Concen: 4.293 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



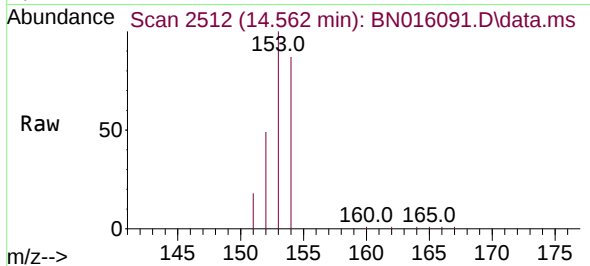
Tgt Ion:152 Resp: 77369
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6
153 13.9 11.8 17.6





#11
Acenaphthene
Concen: 0.697 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

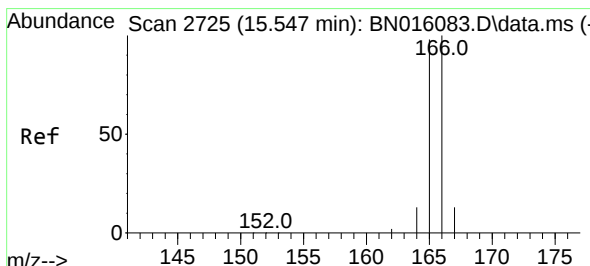
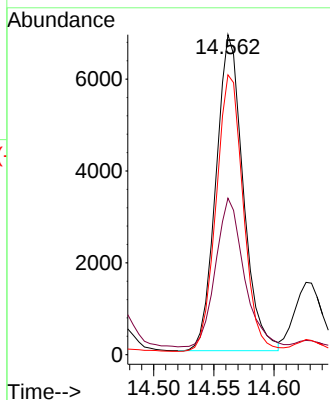
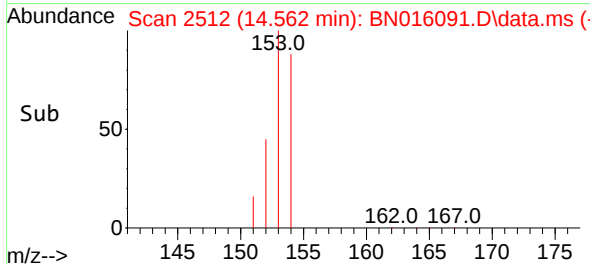
Instrument :
BNA_N
ClientSampled :
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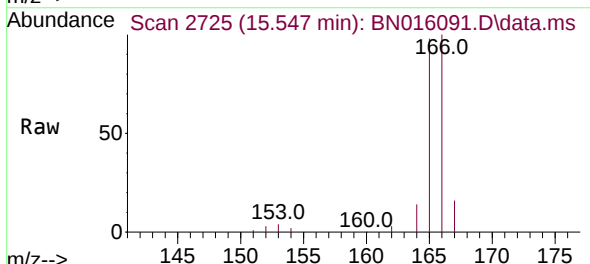
Tgt Ion:153 Resp: 10824
Ion Ratio Lower Upper
153 100
152 48.9 38.3 57.5
154 87.4 70.2 105.2

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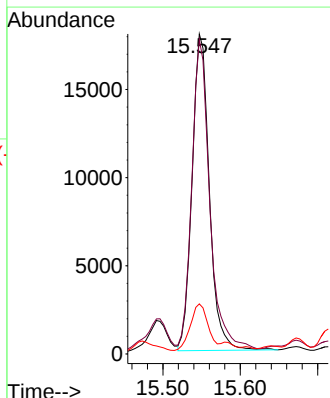
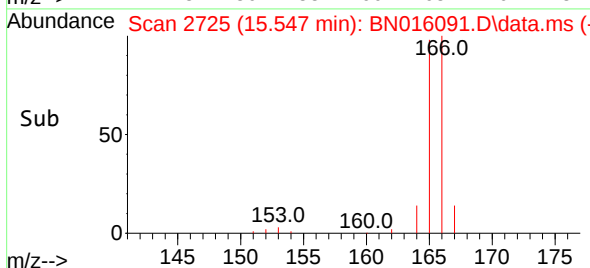
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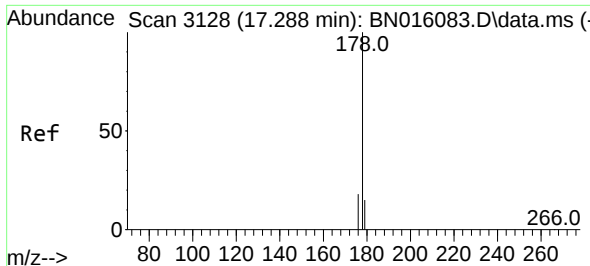


#12
Fluorene
Concen: 1.508 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



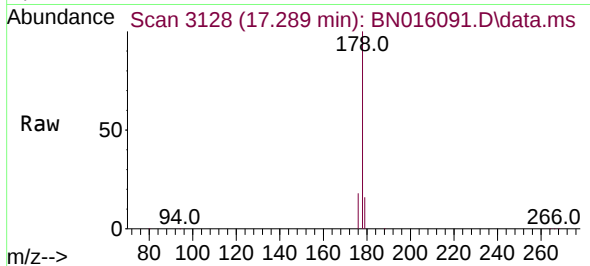
Tgt Ion:166 Resp: 27771
Ion Ratio Lower Upper
166 100
165 98.3 76.2 114.2
167 15.6 11.5 17.3





#15
Phenanthrene
Concen: 26.618 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

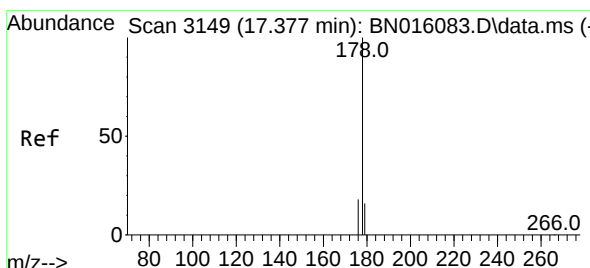
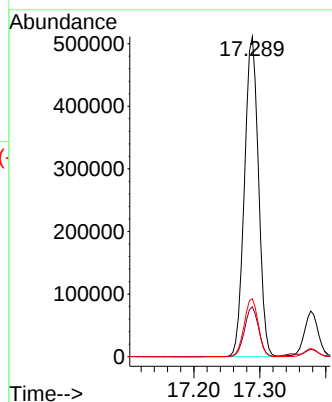
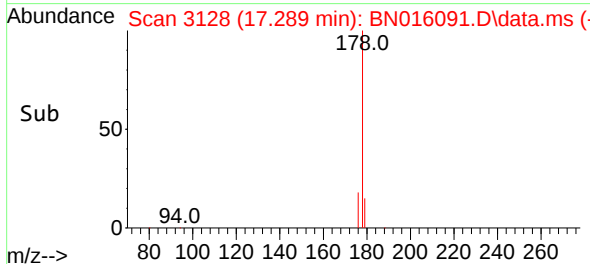
Instrument :
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ClientSampled :
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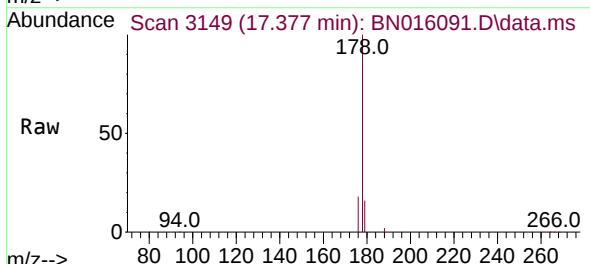
Tgt Ion:178 Resp: 753262
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.1 15.0 22.4

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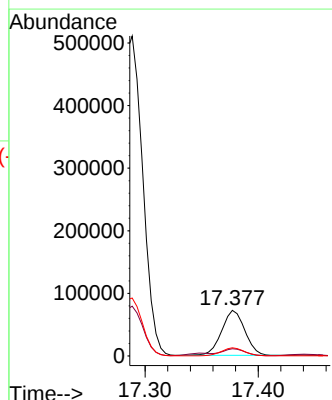
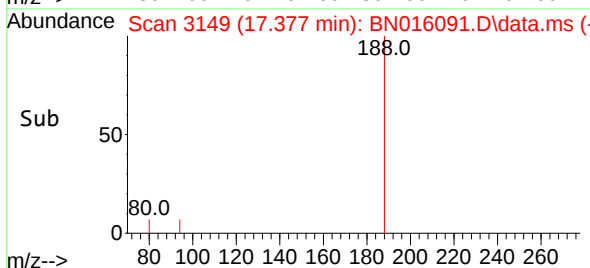
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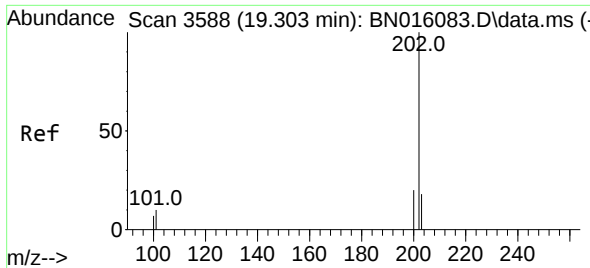


#16
Anthracene
Concen: 4.205 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



Tgt Ion:178 Resp: 102726
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.0
176 17.9 14.9 22.3





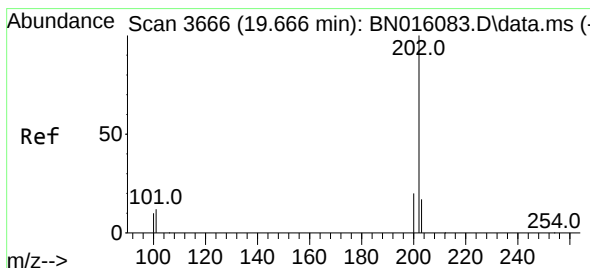
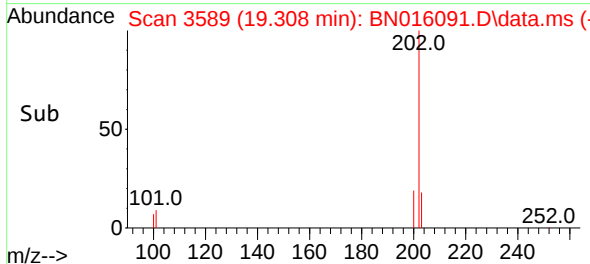
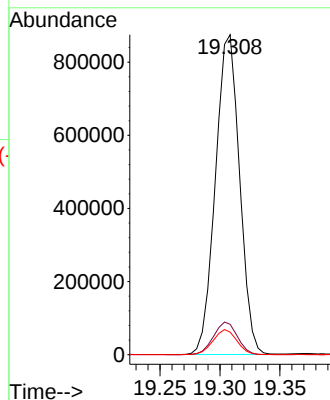
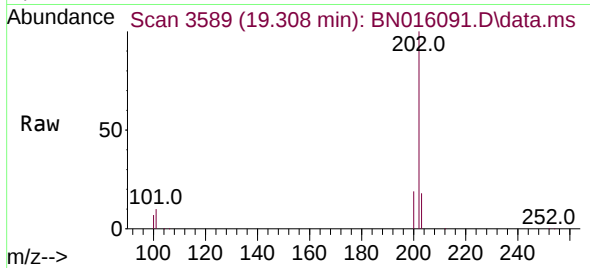
#19
Fluoranthene
Concen: 42.555 ng/u1
RT: 19.308 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

Tgt Ion:202 Resp: 1226727
Ion Ratio Lower Upper
202 100
101 9.5 8.3 12.5
100 7.1 6.6 9.8

Instrument :
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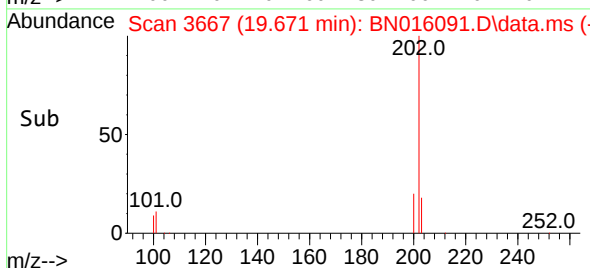
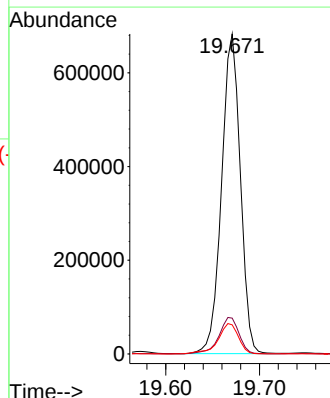
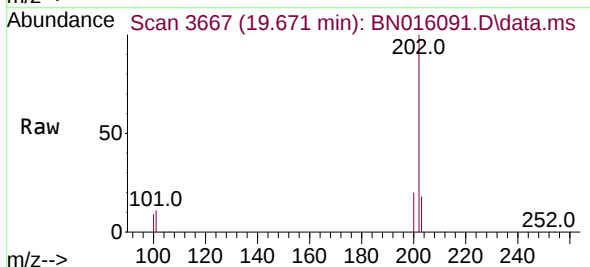
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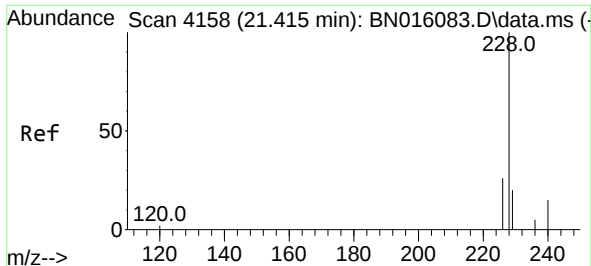
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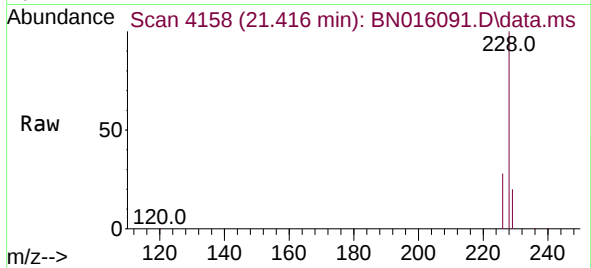
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Pyrene
Concen: 32.602 ng/u1
RT: 19.671 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

Tgt Ion:202 Resp: 946075
Ion Ratio Lower Upper
202 100
101 11.2 10.0 15.0
100 9.1 8.4 12.6

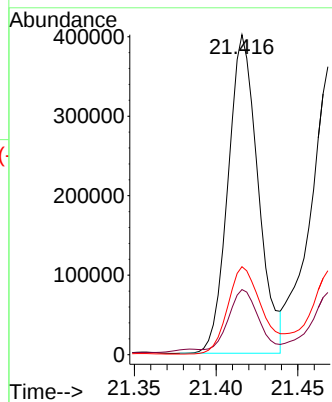
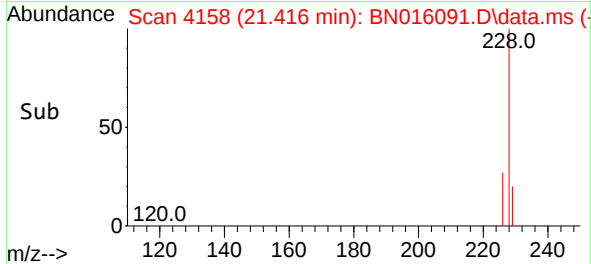




#21
Benzo(a)anthracene
Concen: 17.870 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



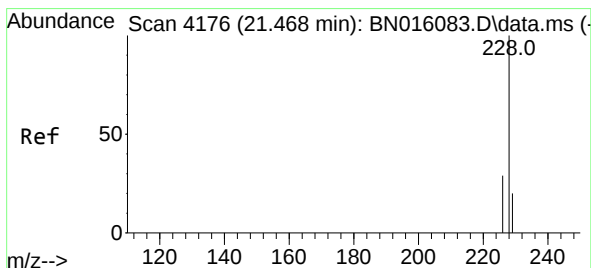
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Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.5 20.6 31.0



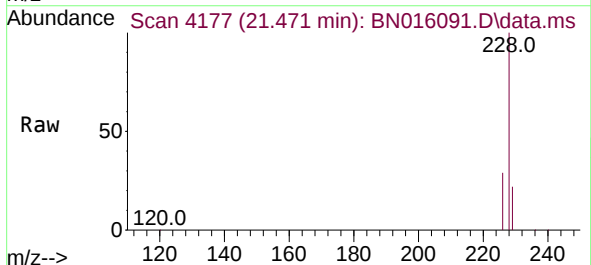
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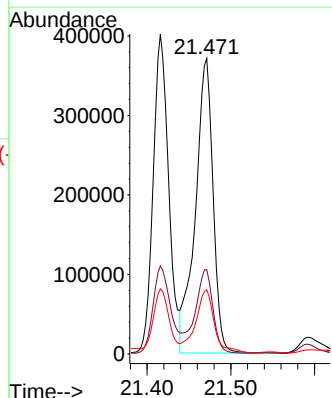
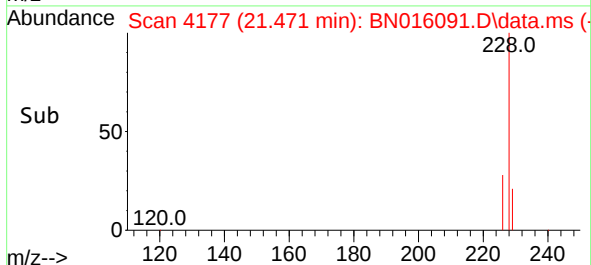
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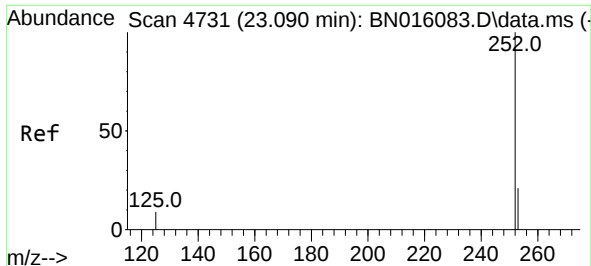


#22
Chrysene
Concen: 17.611 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



Tgt Ion:228 Resp: 544336
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.0
229 21.7 16.4 24.6





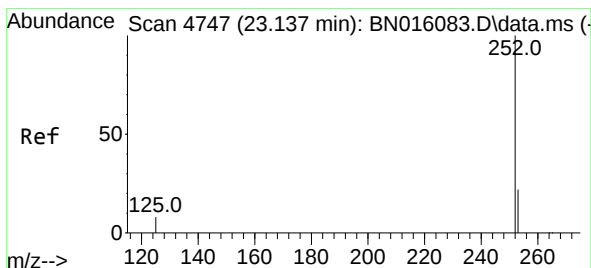
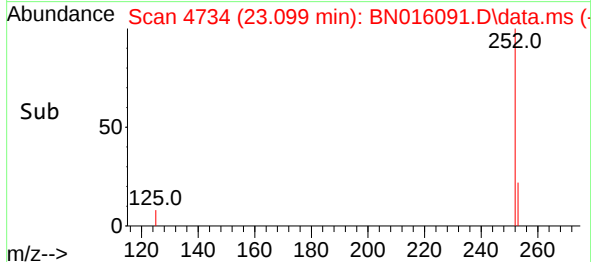
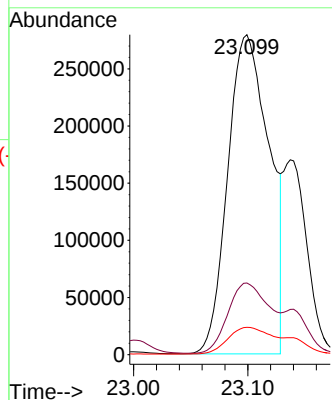
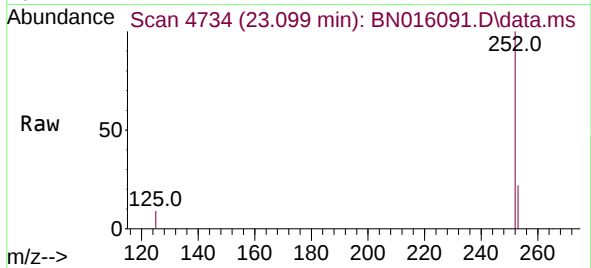
#24
Benzo(b)fluoranthene
Concen: 19.784 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. 0.009 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

Tgt Ion:252 Resp: 706750
Ion Ratio Lower Upper
252 100
253 22.4 0.0 50.6
125 8.6 0.0 21.6

Instrument :
BNA_N
ClientSampleId :
C0AW8

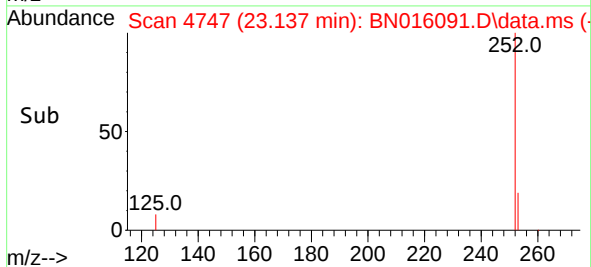
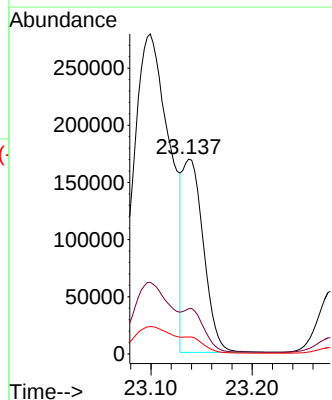
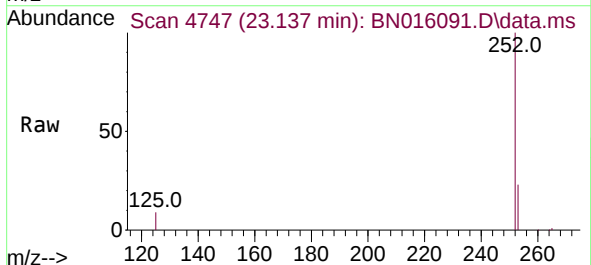
Manual Integrations
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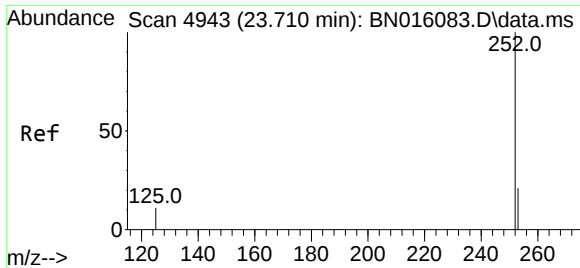
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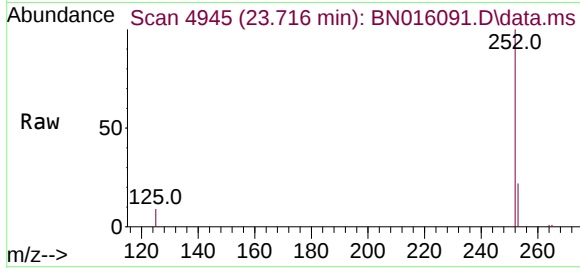
#25
Benzo(k)fluoranthene
Concen: 6.772 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

Tgt Ion:252 Resp: 243799
Ion Ratio Lower Upper
252 100
253 23.2 20.7 31.1
125 8.7 8.2 12.4

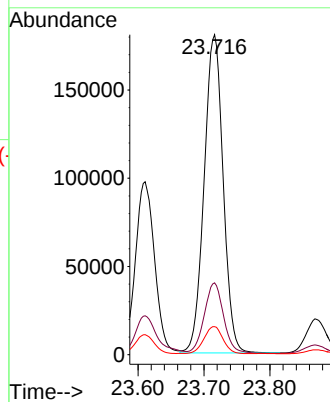
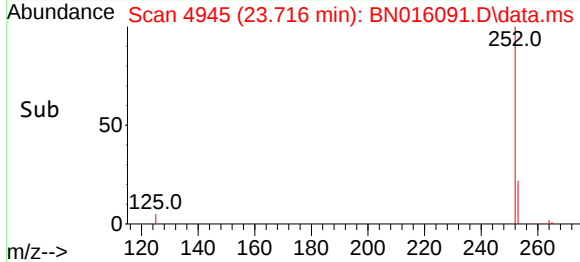




#26
Benzo(a)pyrene
Concen: 12.064 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. 0.006 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



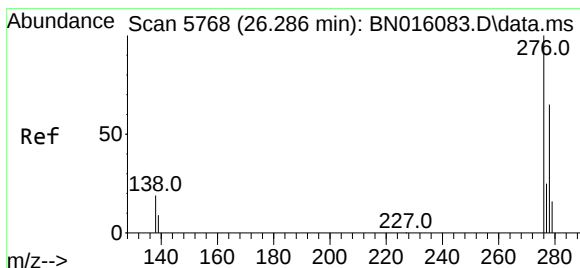
Tgt Ion:252 Resp: 362384
Ion Ratio Lower Upper
252 100
253 22.5 22.1 33.1
125 8.7 10.2 15.4#



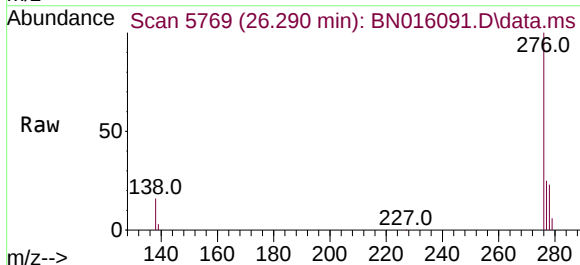
Instrument :
BNA_N
ClientSampled :
C0AW8

Manual Integrations
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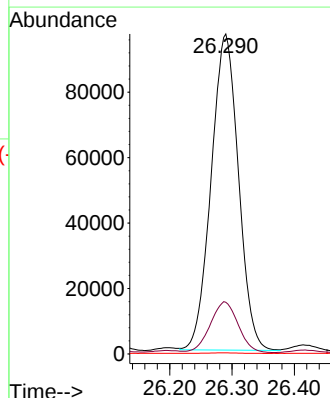
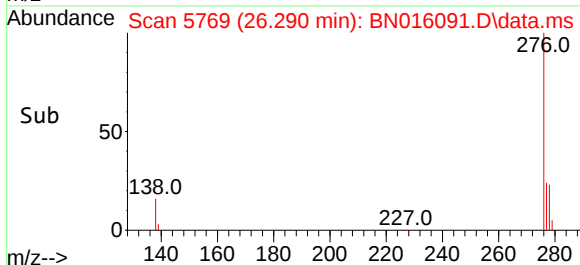
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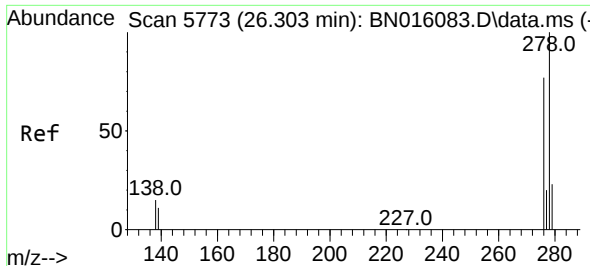


#27
Indeno(1,2,3-cd)pyrene
Concen: 7.397 ng/ul
RT: 26.290 min Scan# 5769
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51



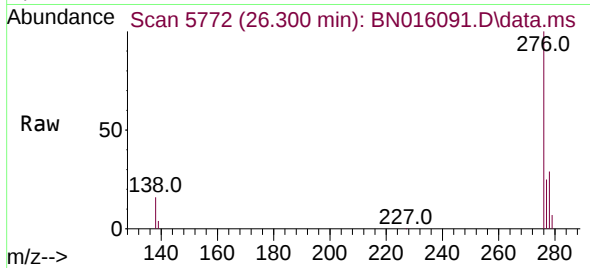
Tgt Ion:276 Resp: 294062
Ion Ratio Lower Upper
276 100
138 16.4 15.1 22.7
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.439 ng/ul
RT: 26.300 min Scan# 5772
Delta R.T. 0.000 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

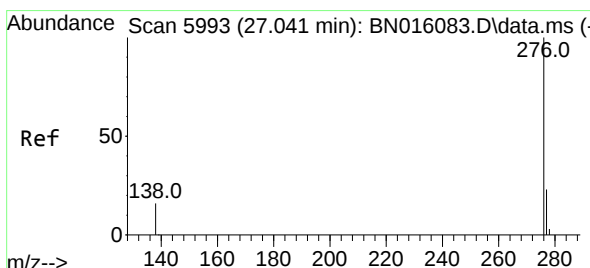
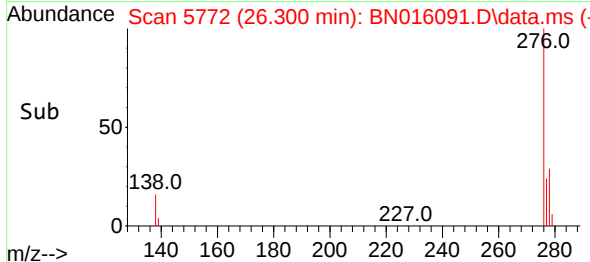
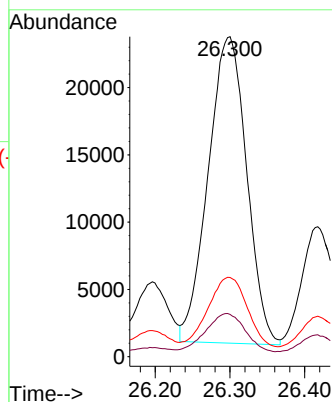
Instrument :
BNA_N
ClientSampled :
C0AW8



Tgt Ion:278 Resp: 81607
Ion Ratio Lower Upper
278 100
139 13.2 12.0 18.0
279 24.7 21.0 31.6

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.698 ng/ul
RT: 27.045 min Scan# 5994
Delta R.T. 0.007 min
Lab File: BN016091.D
Acq: 27 Aug 2021 04:51

Tgt Ion:276 Resp: 23916
Ion Ratio Lower Upper
276 100
138 20.0 13.8 20.8
277 28.5 20.5 30.7

