

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016234.D
 Acq On : 07 Sep 2021 13:15
 Operator : CG/JU
 Sample : M3486-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Manual Integrations
 APPROVED

mohammad
 9/8/2021 7:00:16 AM

Quant Time: Sep 07 13:44:31 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 : Tue Sep 07 12:55:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	2224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.656	136	9405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	13008	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	13197	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	16216	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	7498	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	3505	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	9985	0.282	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.705	128	45345	1.811	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	32340	1.979	ng/ul	100
8) 1-Methylnaphthalene	12.542	142	24944	1.530	ng/ul	100
10) Acenaphthylene	14.215	152	82819	3.617	ng/ul	99
11) Acenaphthene	14.557	153	2608	0.136	ng/ul	97
12) Fluorene	15.547	166	8036	0.366	ng/ul#	95
14) Pentachlorophenol	16.896	266	75	0.036	ng/ul	90
15) Phenanthrene	17.284	178	90188	2.406	ng/ul	98
16) Anthracene	17.373	178	190802	5.892	ng/ul	98
19) Fluoranthene	19.303	202	286400	6.516	ng/ul	98
20) Pyrene	19.666	202	356367	8.004	ng/ul	95
21) Benzo(a)anthracene	21.418	228	319562	7.918	ng/ul	96
22) Chrysene	21.471	228	682616	14.971	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	651559m	10.679	ng/ul	
25) Benzo(k)fluoranthene	23.143	252	238509m	3.886	ng/ul	
26) Benzo(a)pyrene	23.716	252	429975	8.308	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.300	276	734123	10.977	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.303	278	181438	3.292	ng/ul	98
29) Benzo(g,h,i)perylene	27.068	276	815603	14.049	ng/ul	97

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

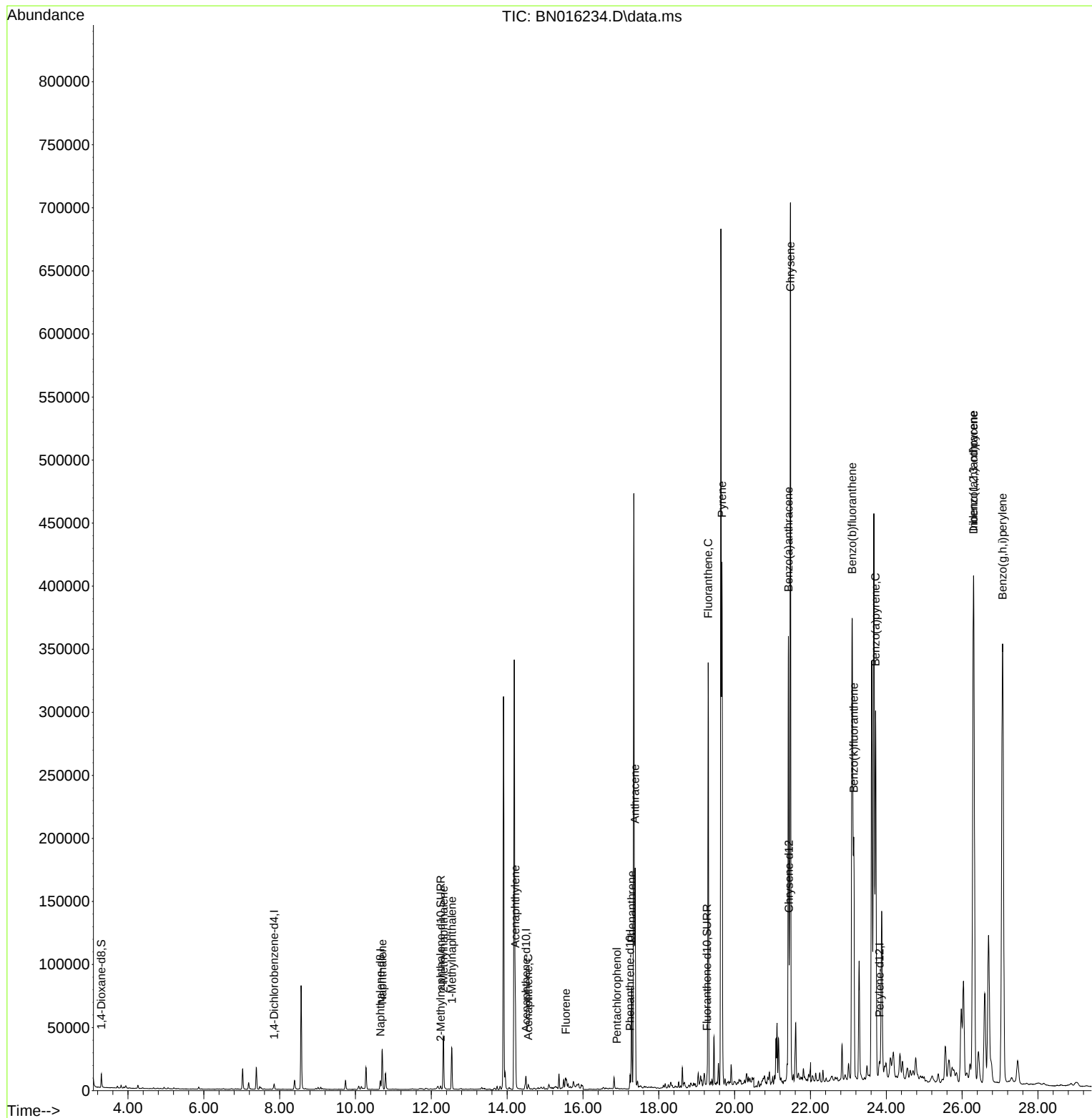
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
Acq On : 07 Sep 2021 13:15
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

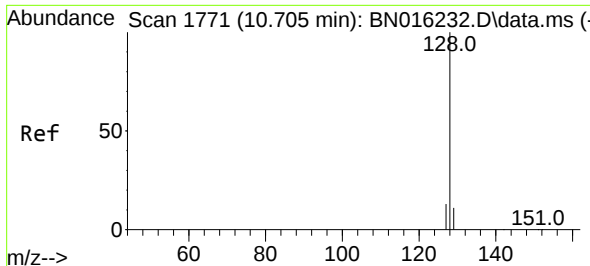
Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual Integrations
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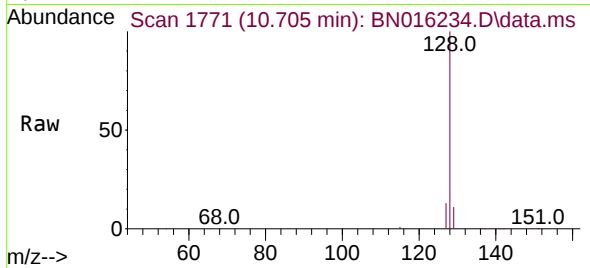
mohammad
9/8/2021 7:00:16 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
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QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

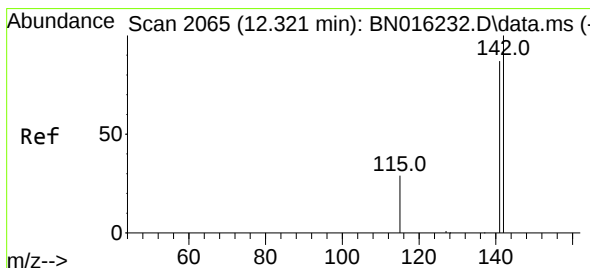
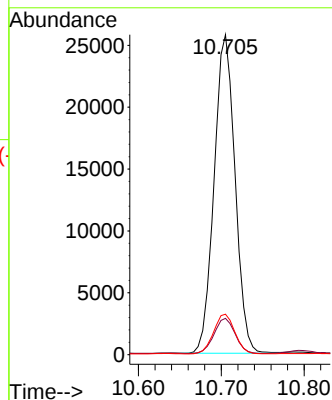
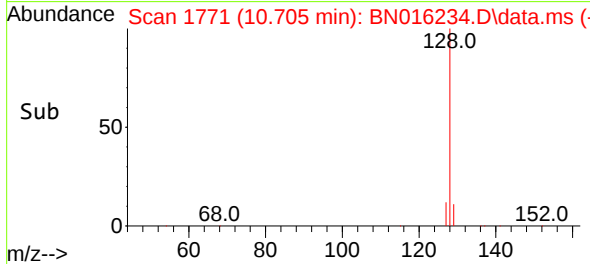




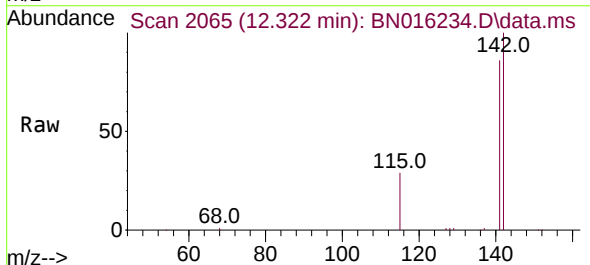
#5
Naphthalene
Concen: 1.811 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



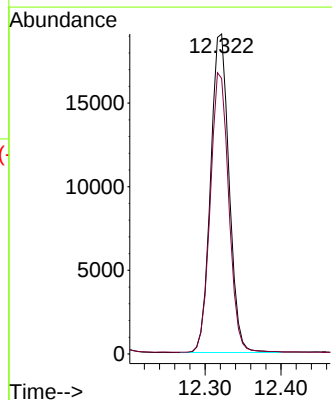
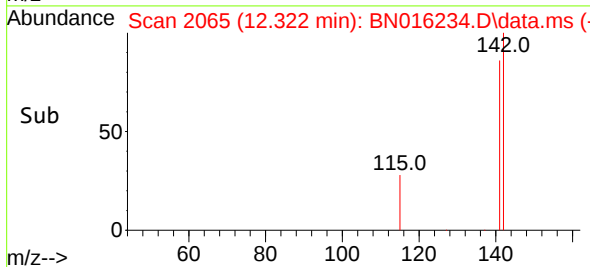
Tgt Ion:128 Resp: 45345
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 12.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 1.979 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



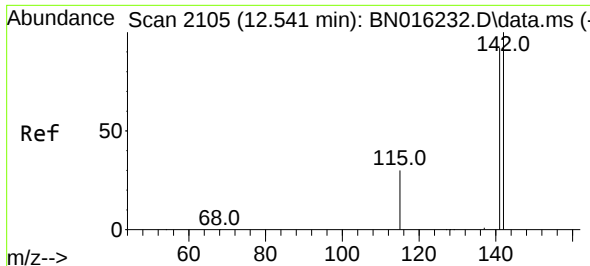
Tgt Ion:142 Resp: 32340
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3



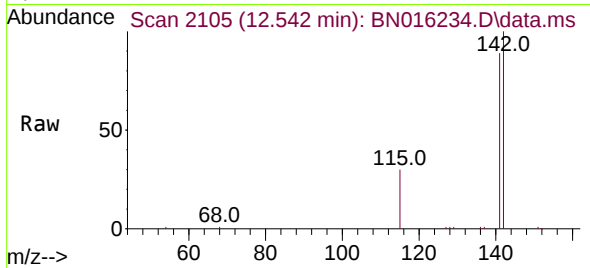
Instrument :
BNA_N
ClientSampleId :
C0AZ4

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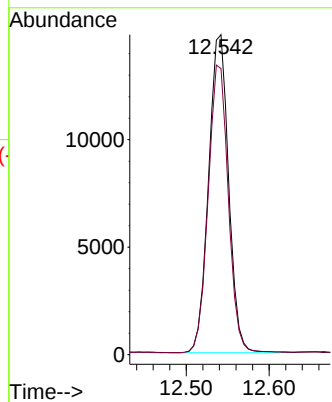
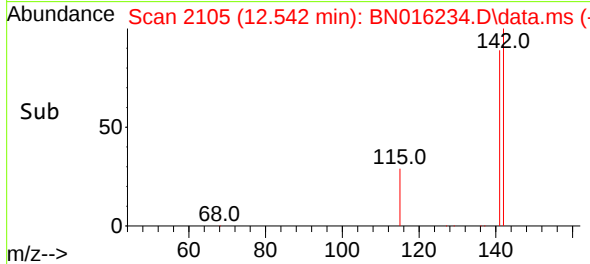
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#8
1-Methylnaphthalene
Concen: 1.530 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



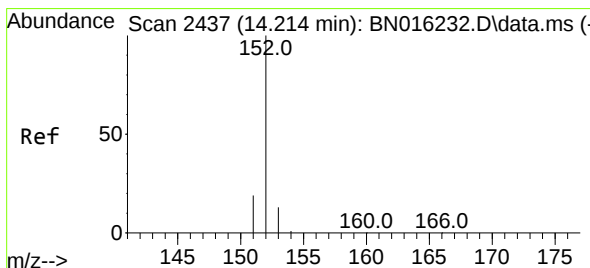
Tgt Ion:142 Resp: 24944
Ion Ratio Lower Upper
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141 90.7 72.2 108.4



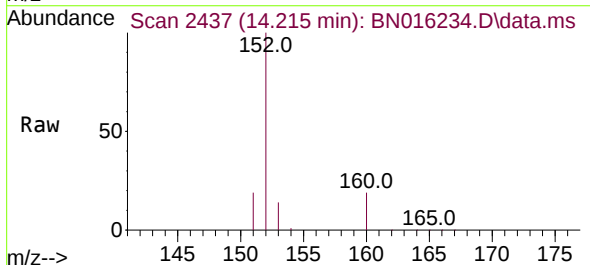
Instrument :
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ClientSampleId :
C0AZ4

Manual Integrations
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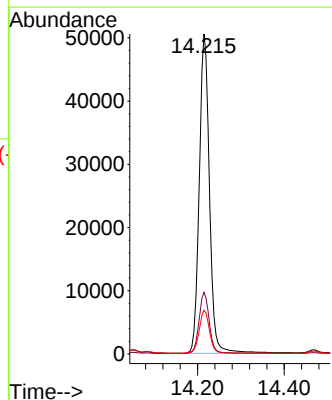
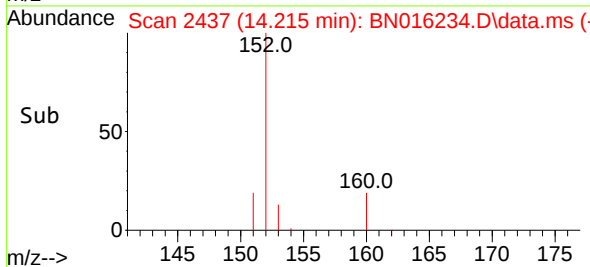
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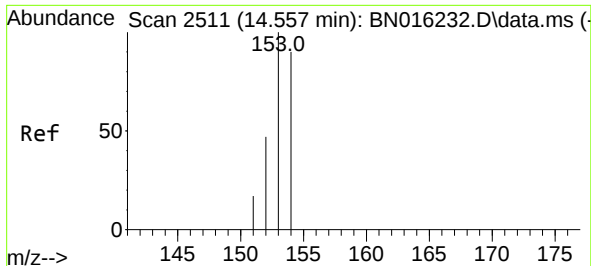


#10
Acenaphthylene
Concen: 3.617 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



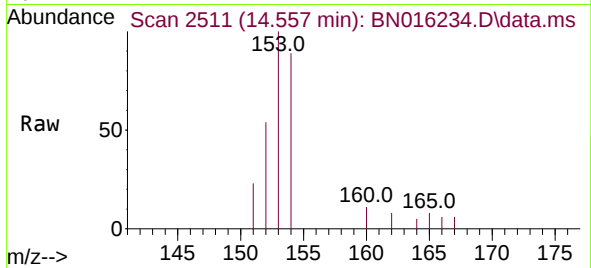
Tgt Ion:152 Resp: 82819
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.6 11.2 16.8





#11
Acenaphthene
Concen: 0.136 ng/uI
RT: 14.557 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

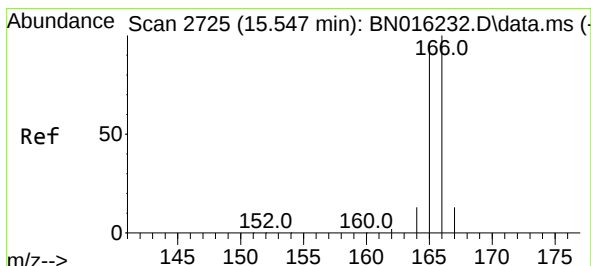
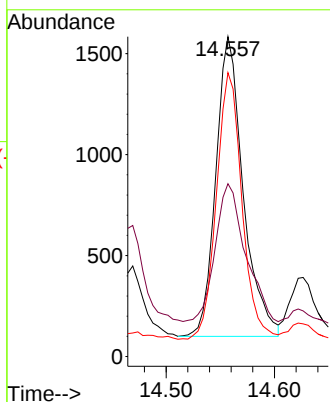
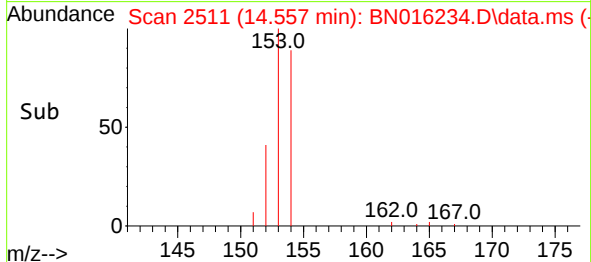
Instrument :
BNA_N
ClientSampleId :
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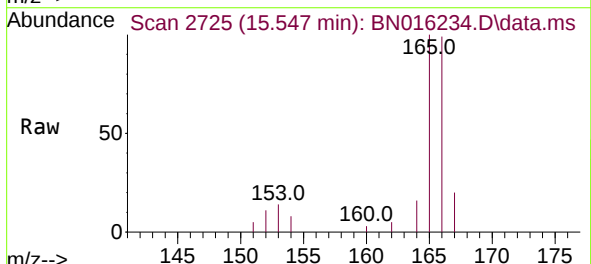
Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.0	38.5	57.7
154	88.8	71.3	106.9

Manual Integrations
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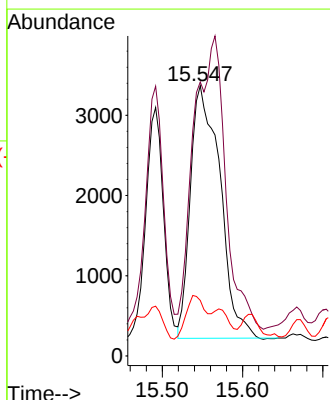
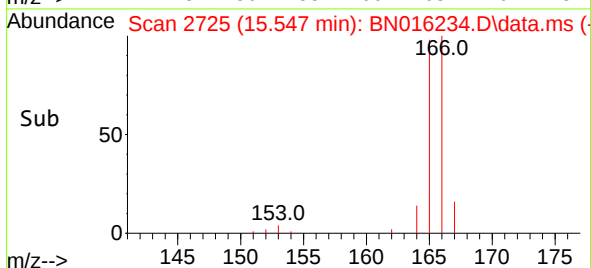
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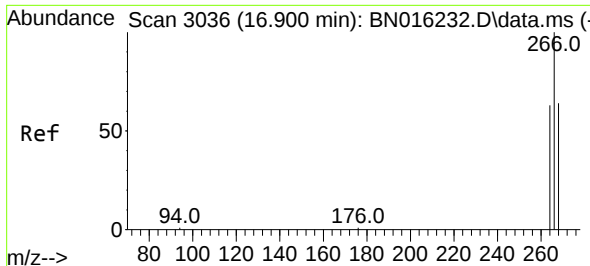


#12
Fluorene
Concen: 0.366 ng/uI
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



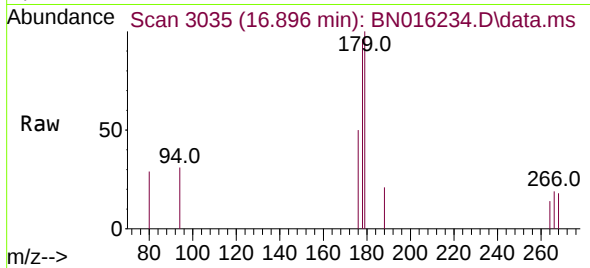
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.9	116.9
167	20.6	11.8	17.8





#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. -0.004 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

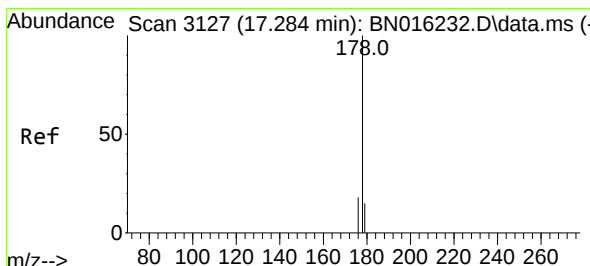
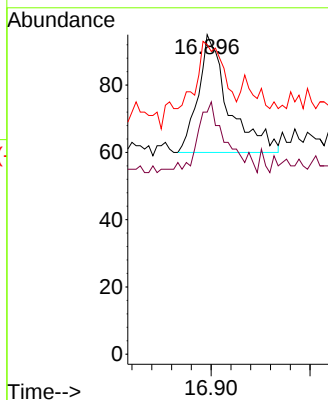
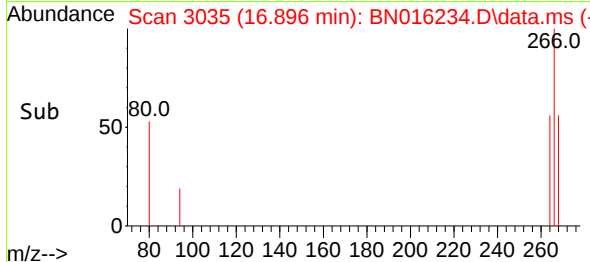
Instrument :
BNA_N
ClientSampled :
C0AZ4



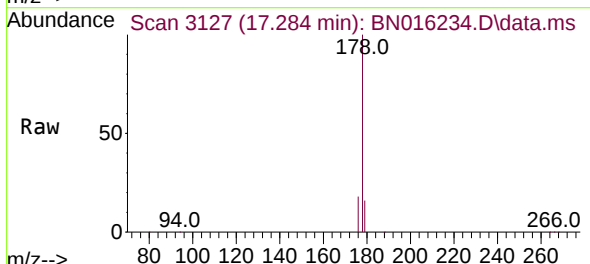
Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
264 53.3 50.3 75.5
268 58.7 51.4 77.2

Manual Integrations
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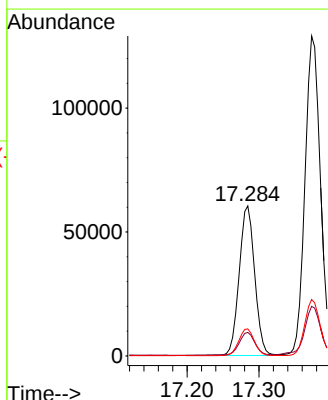
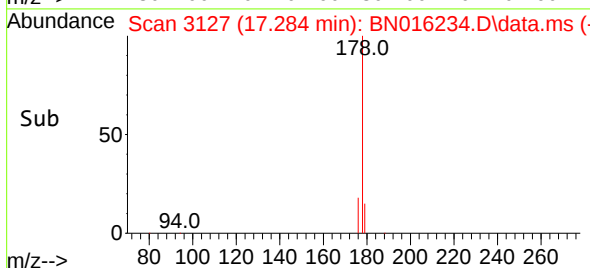
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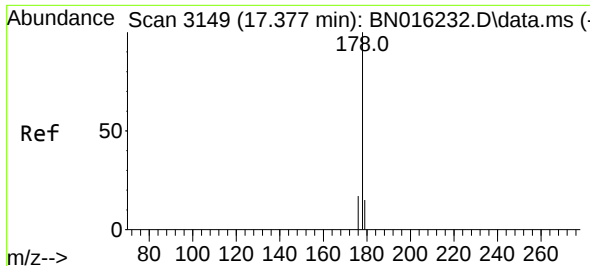


#15
Phenanthrene
Concen: 2.406 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



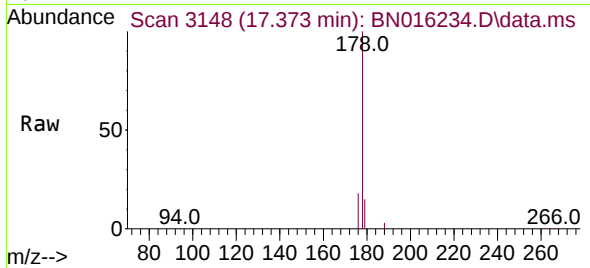
Tgt Ion:178 Resp: 90188
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 18.1 15.2 22.8





#16
 Anthracene
 Concen: 5.892 ng/ul
 RT: 17.373 min Scan# 3148
 Delta R.T. -0.004 min
 Lab File: BN016234.D
 Acq: 07 Sep 2021 13:15

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

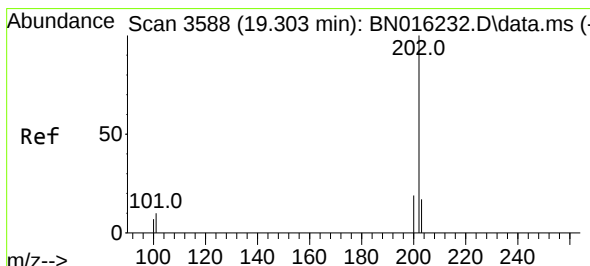
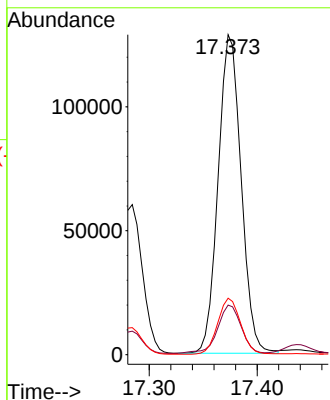
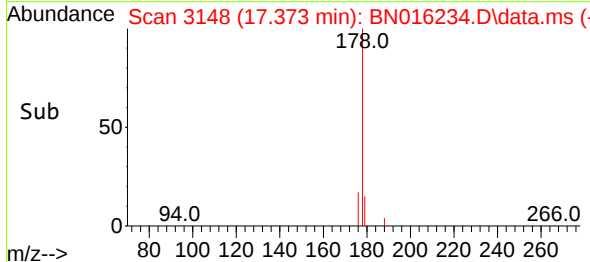


Tgt Ion:178 Resp: 190802

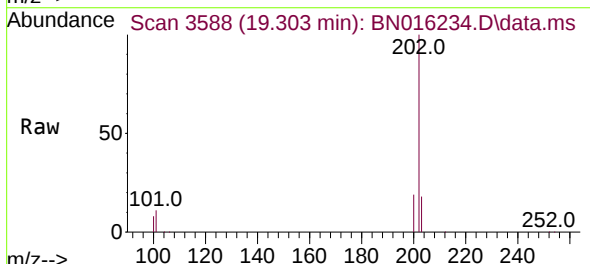
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	17.6	14.9	22.3

Manual Integrations
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 9/8/2021 7:00:16 AM

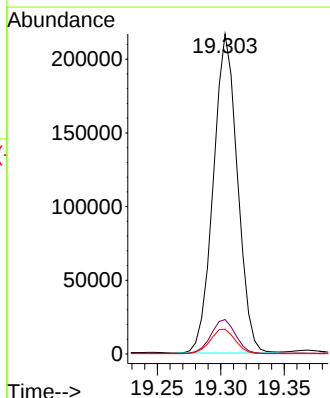
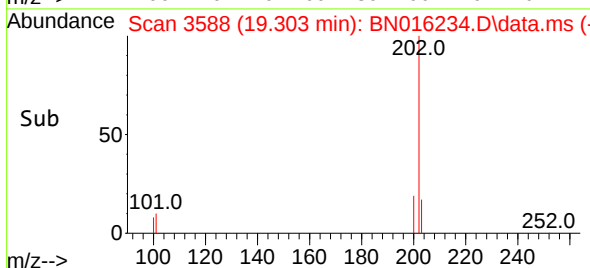


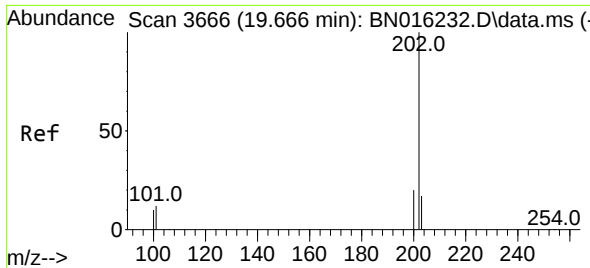
#19
 Fluoranthene
 Concen: 6.516 ng/ul
 RT: 19.303 min Scan# 3588
 Delta R.T. -0.000 min
 Lab File: BN016234.D
 Acq: 07 Sep 2021 13:15



Tgt Ion:202 Resp: 286400

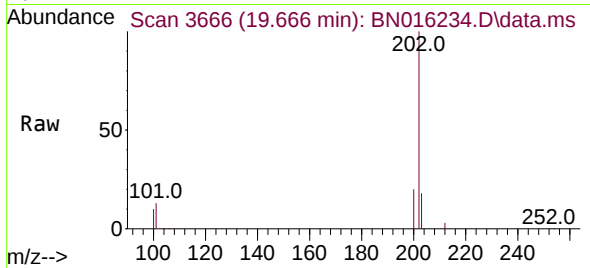
Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
100	7.7	6.7	10.1





#20
Pyrene
Concen: 8.004 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

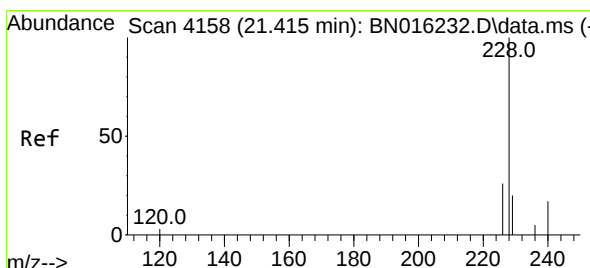
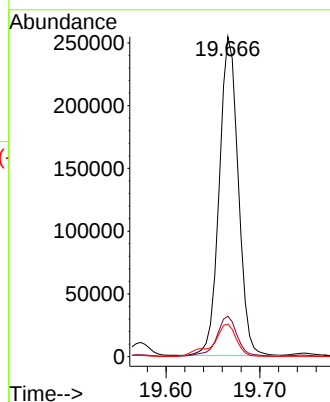
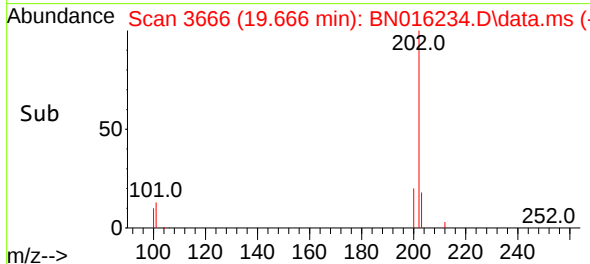
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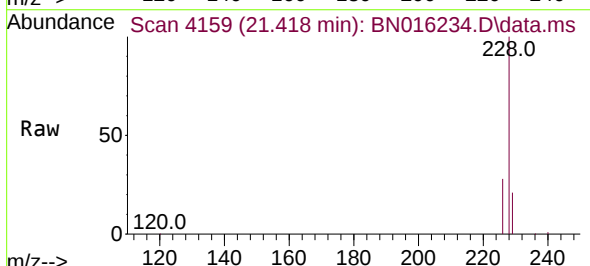
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Ion Ratio Lower Upper
202 100
101 12.7 11.5 17.3
100 10.2 9.8 14.8

Manual Integrations
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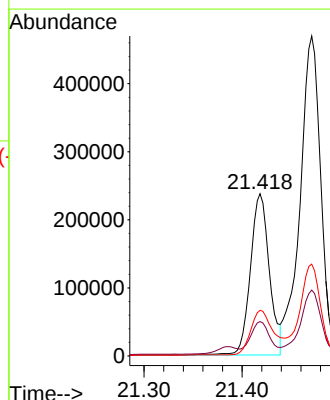
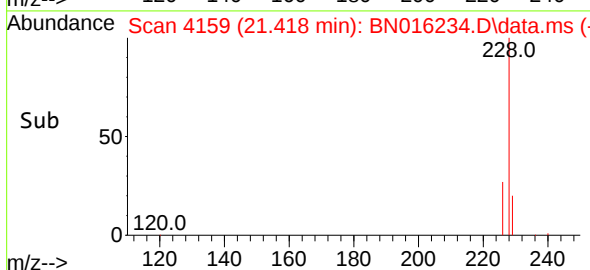
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9/8/2021 7:00:16 AM

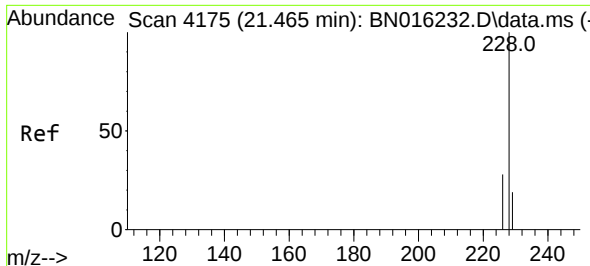


#21
Benzo(a)anthracene
Concen: 7.918 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

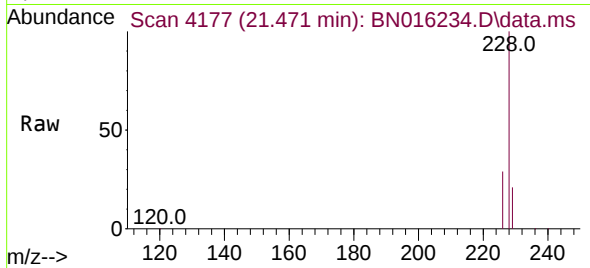


Tgt Ion:228 Resp: 319562
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.1 20.8 31.2

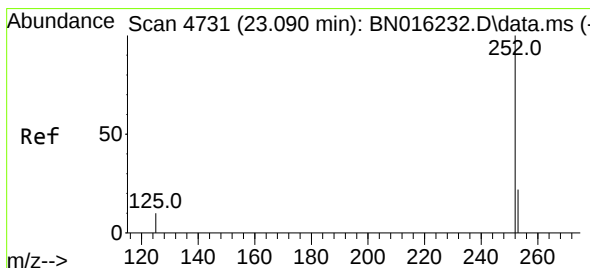
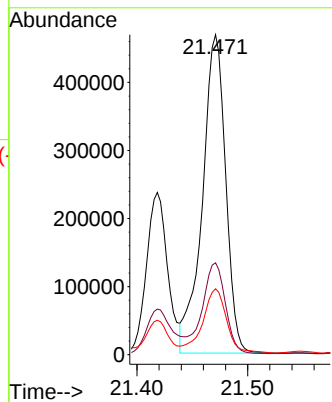
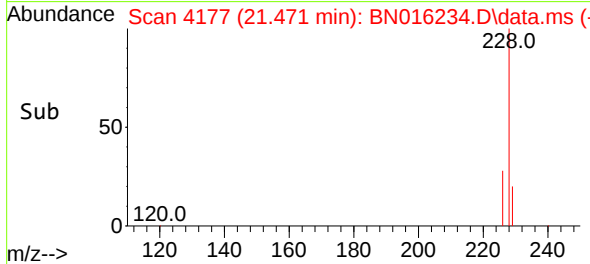




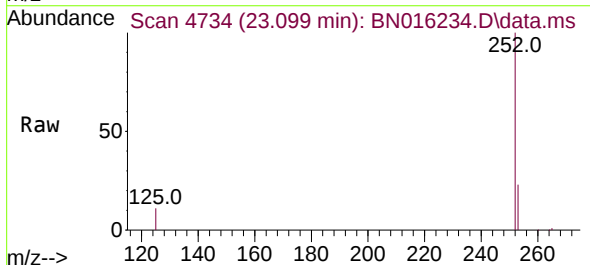
#22
Chrysene
Concen: 14.971 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



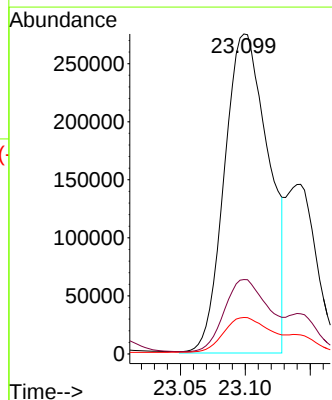
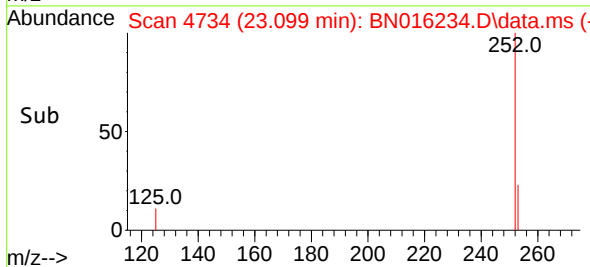
Tgt Ion:228 Resp: 682616
Ion Ratio Lower Upper
228 100
226 28.7 23.2 34.8
229 20.6 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 10.679 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. 0.009 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



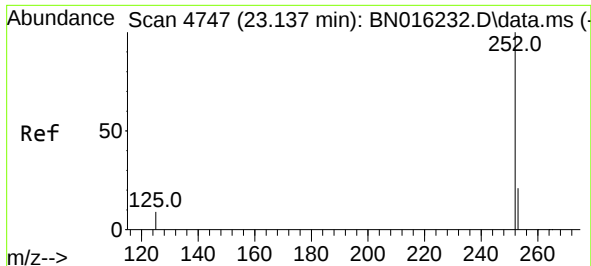
Tgt Ion:252 Resp: 651559
Ion Ratio Lower Upper
252 100
253 23.3 0.0 49.4
125 11.4 0.0 27.0



Instrument :
BNA_N
ClientSampled :
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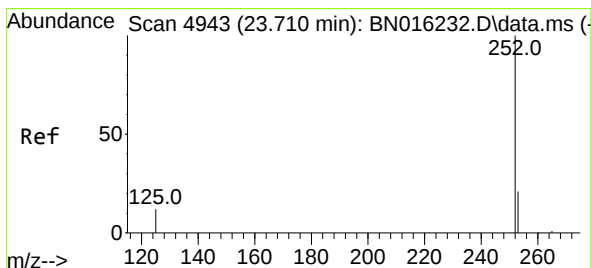
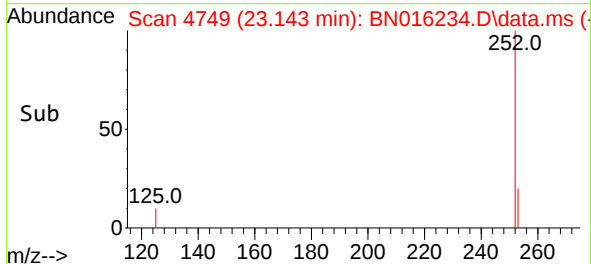
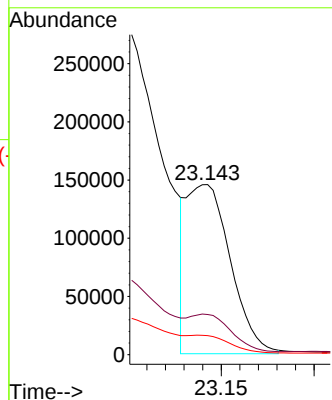
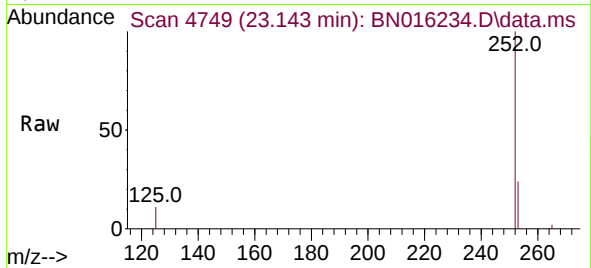
#25
Benzo(k)fluoranthene
Concen: 3.886 ng/ul m
RT: 23.143 min Scan# 4749
Delta R.T. 0.006 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

Tgt Ion:252 Resp: 238509
Ion Ratio Lower Upper
252 100
253 23.7 19.4 29.0
125 11.2 10.9 16.3

Instrument :
BNA_N
ClientSampleId :
C0AZ4

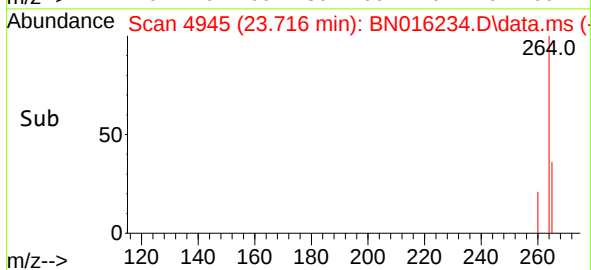
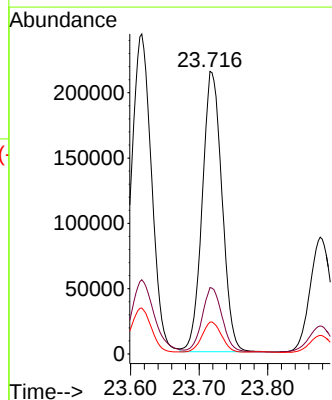
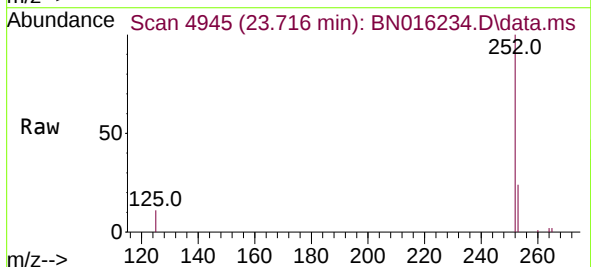
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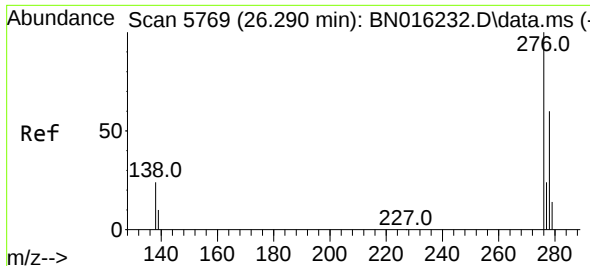
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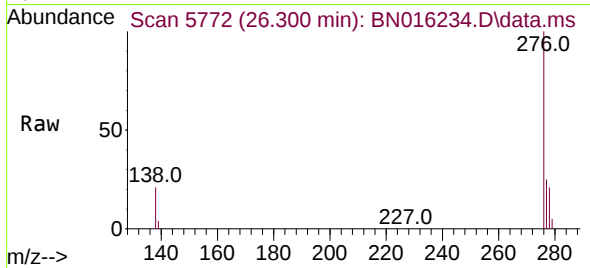
#26
Benzo(a)pyrene
Concen: 8.308 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. 0.006 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15

Tgt Ion:252 Resp: 429975
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 11.3 12.6 18.8#

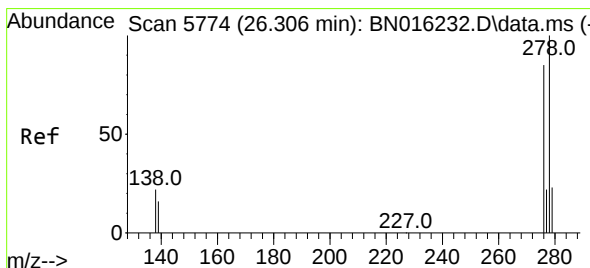
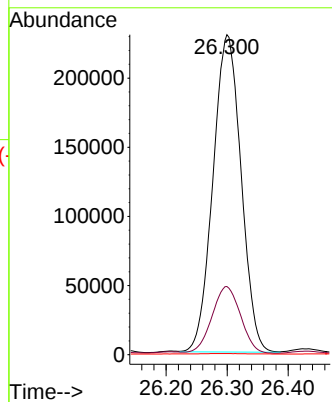
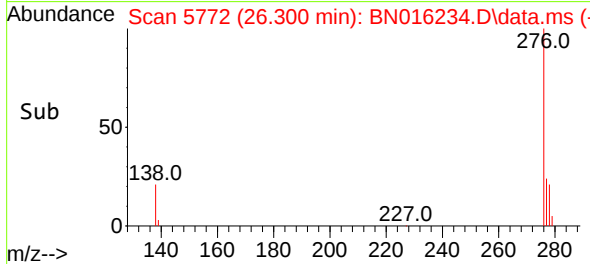




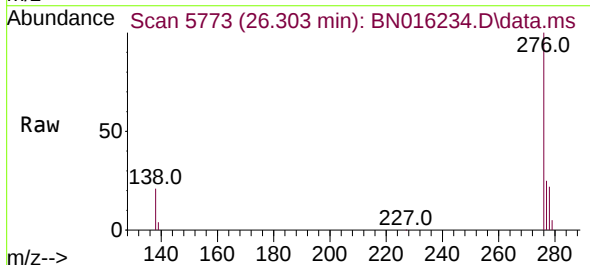
#27
Indeno(1,2,3-cd)pyrene
Concen: 10.977 ng/ul
RT: 26.300 min Scan# 5772
Delta R.T. 0.010 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



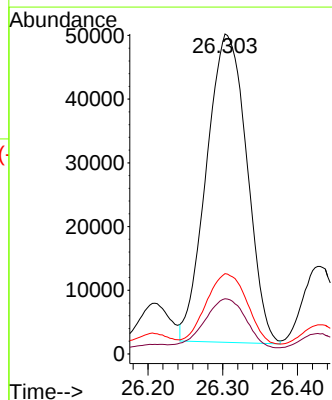
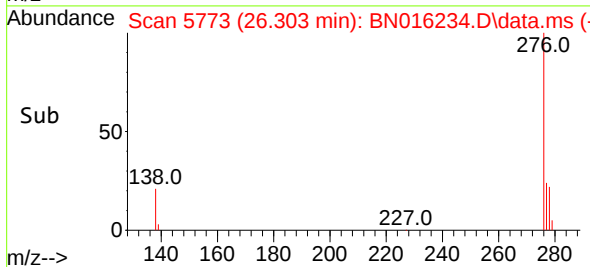
Tgt Ion: 276 Resp: 734123
Ion Ratio Lower Upper
276 100
138 21.4 22.7 34.1#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 3.292 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. -0.003 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



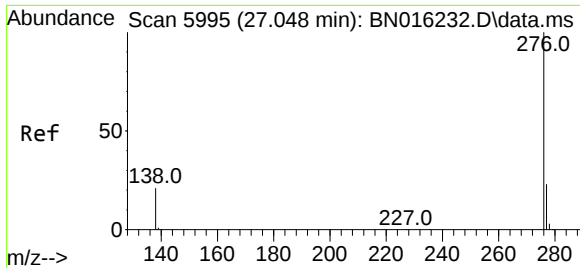
Tgt Ion: 278 Resp: 181438
Ion Ratio Lower Upper
278 100
139 17.2 15.1 22.7
279 25.1 20.5 30.7



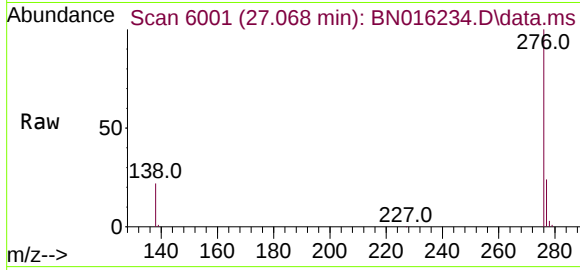
Instrument :
BNA_N
ClientSampleId :
C0AZ4

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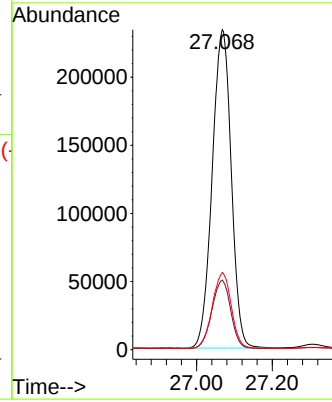
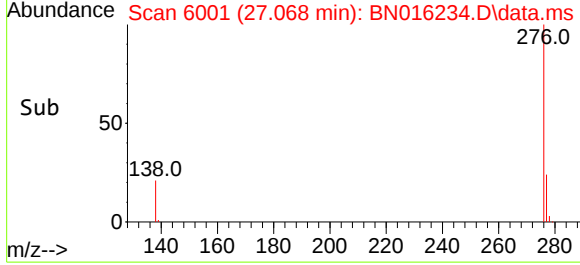
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#29
Benzo(g,h,i)perylene
Concen: 14.049 ng/ul
RT: 27.068 min Scan# 6001
Delta R.T. 0.020 min
Lab File: BN016234.D
Acq: 07 Sep 2021 13:15



Tgt Ion: 276 Resp: 815603
Ion Ratio Lower Upper
276 100
138 21.8 19.3 28.9
277 24.1 19.8 29.8



Instrument :
BNA_N
ClientSampleId :
C0AZ4

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