

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016239.D
 Acq On : 07 Sep 2021 17:02
 Operator : CG/JU
 Sample : M3486-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Manual Integrations
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mohammad
 9/8/2021 7:00:56 AM

Quant Time: Sep 07 17:30:41 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	2516	0.400	ng/ul	0.00
4) Naphthalene-d8	10.656	136	10856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.492	164	6842	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	14519	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	14578	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	14263	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	5500	1.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	2460	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	6878	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.705	128	2511	0.087	ng/ul#	92
7) 2-Methylnaphthalene	12.322	142	2370	0.126	ng/ul	99
8) 1-Methylnaphthalene	12.536	142	1999	0.106	ng/ul	98
10) Acenaphthylene	14.219	152	2088	0.081	ng/ul#	82
12) Fluorene	15.543	166	871	0.035	ng/ul#	89
15) Phenanthrene	17.284	178	9342	0.223	ng/ul	99
16) Anthracene	17.373	178	1522	0.042	ng/ul#	83
19) Fluoranthene	19.304	202	15695	0.323	ng/ul	99
20) Pyrene	19.666	202	16386	0.333	ng/ul	96
21) Benzo(a)anthracene	21.416	228	10258	0.230	ng/ul#	86
22) Chrysene	21.468	228	13071	0.260	ng/ul#	91
24) Benzo(b)fluoranthene	23.093	252	16289m	0.304	ng/ul	
25) Benzo(k)fluoranthene	23.137	252	5945m	0.110	ng/ul	
26) Benzo(a)pyrene	23.710	252	10263	0.225	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.290	276	8058	0.137	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.297	278	2795	0.058	ng/ul#	2
29) Benzo(g,h,i)perylene	27.048	276	12797	0.251	ng/ul#	86

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

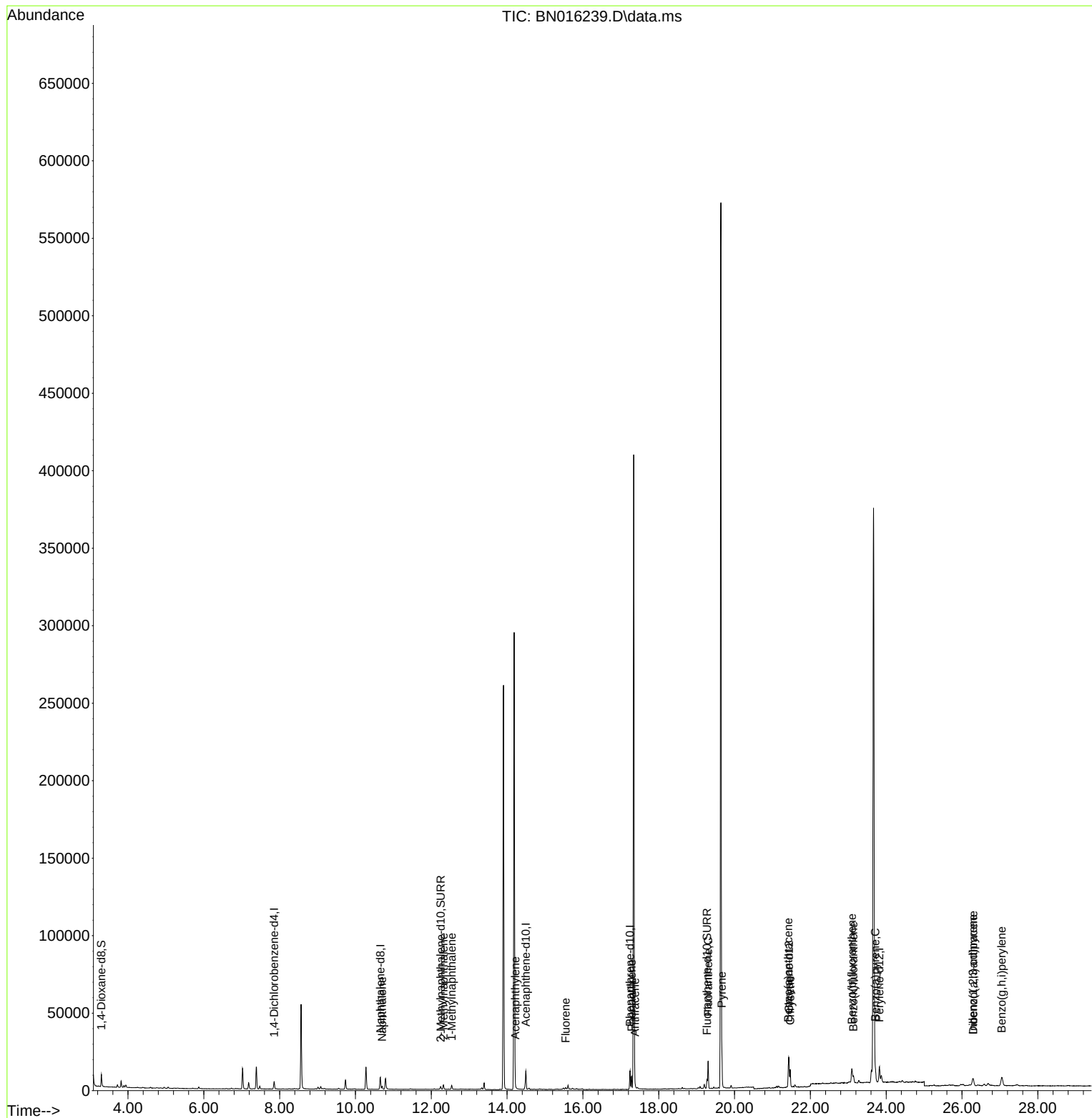
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
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Operator : CG/JU
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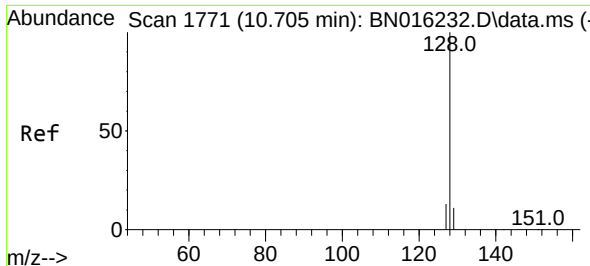
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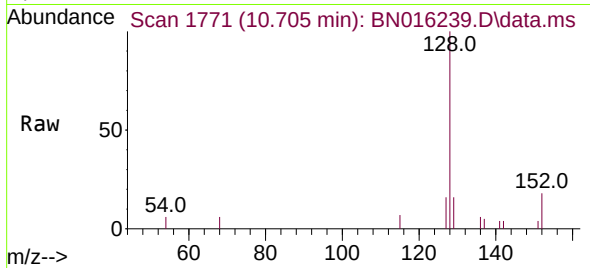
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
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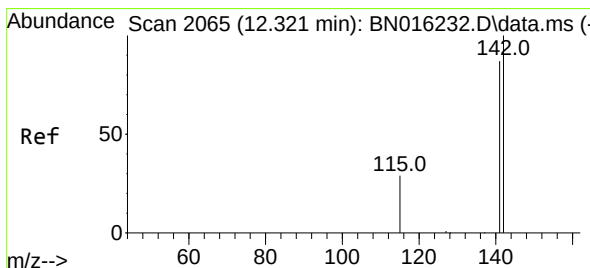
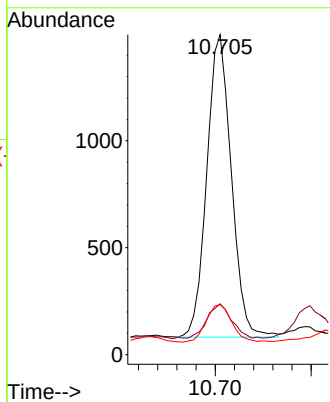
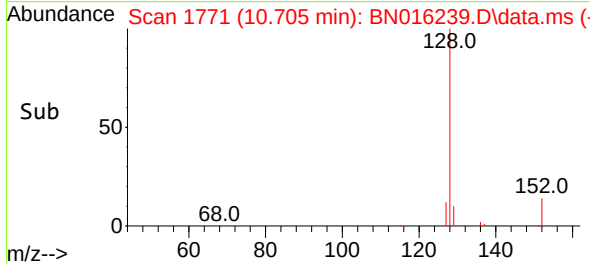




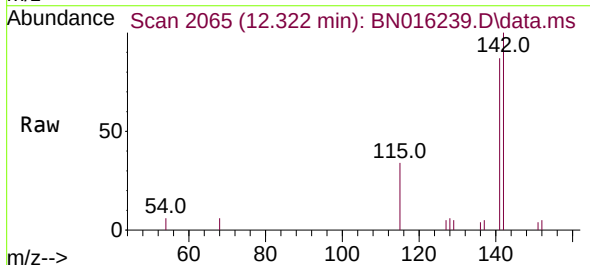
#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



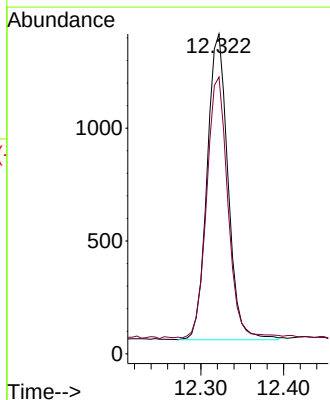
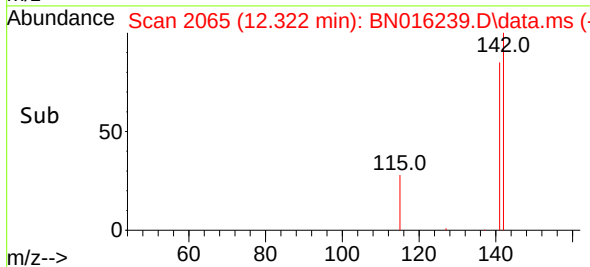
Tgt Ion:128 Resp: 2511
Ion Ratio Lower Upper
128 100
129 15.9 9.4 14.2#
127 15.6 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



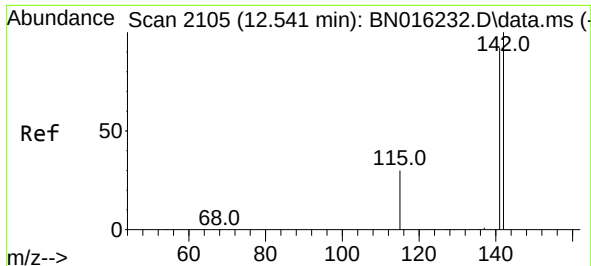
Tgt Ion:142 Resp: 2370
Ion Ratio Lower Upper
142 100
141 86.0 69.5 104.3



Instrument :
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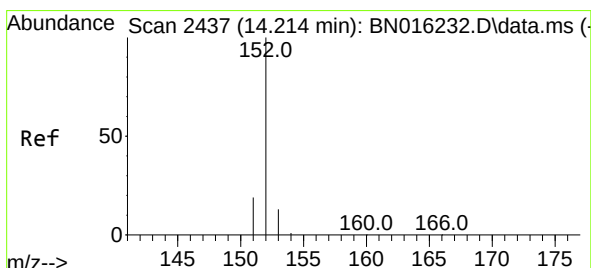
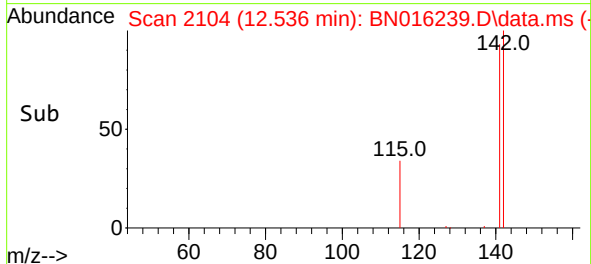
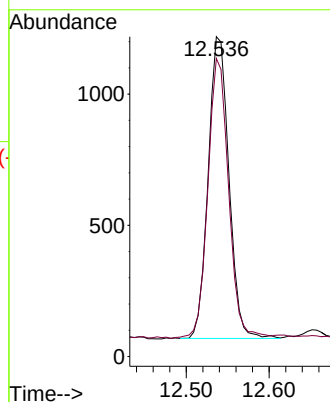
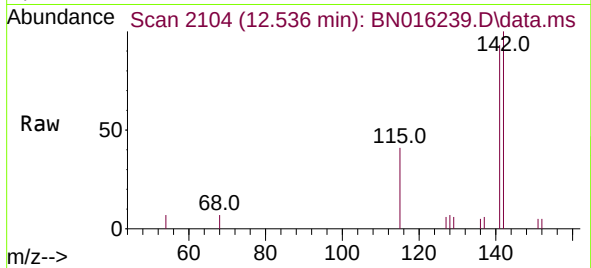
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1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

Tgt Ion:142 Resp: 1999
Ion Ratio Lower Upper
142 100
141 92.6 72.2 108.4

Instrument :
BNA_N
ClientSampled :
C0AW2

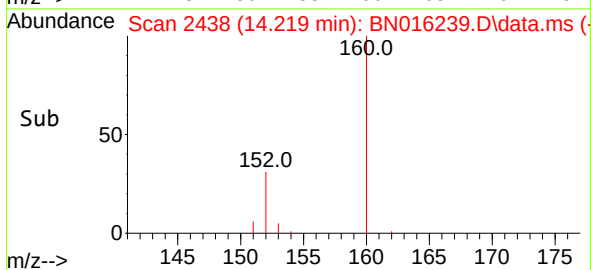
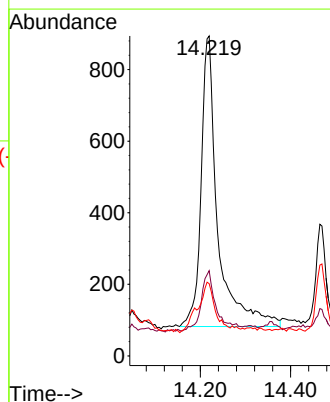
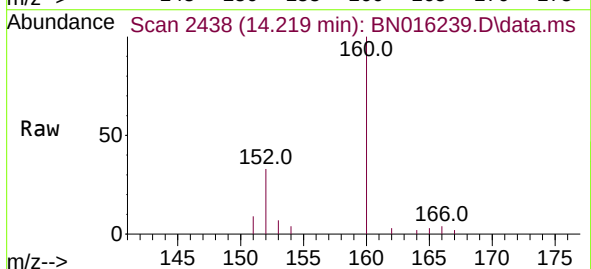
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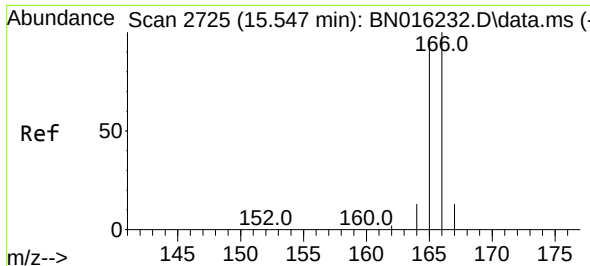
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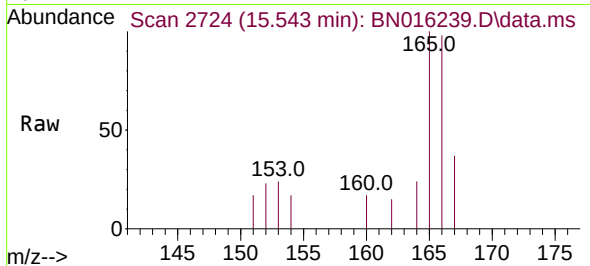
#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.005 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

Tgt Ion:152 Resp: 2088
Ion Ratio Lower Upper
152 100
151 26.6 15.8 23.6#
153 22.6 11.2 16.8#

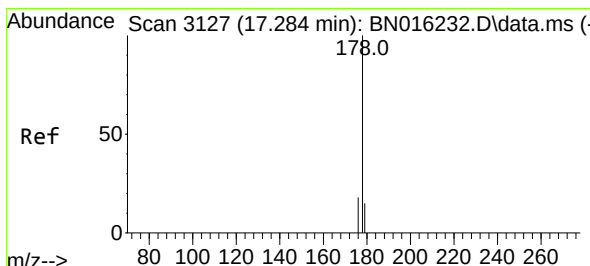
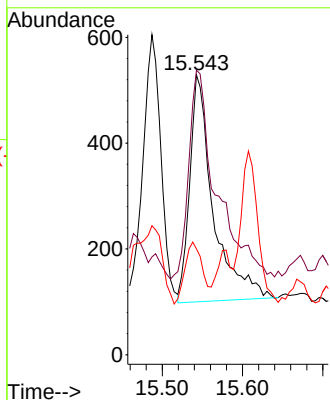
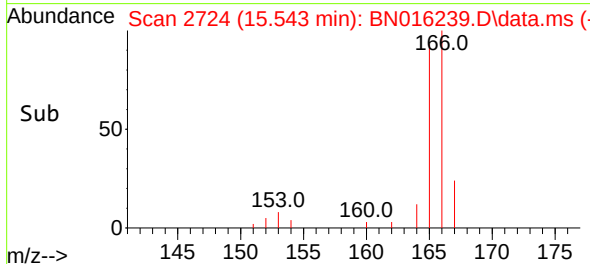




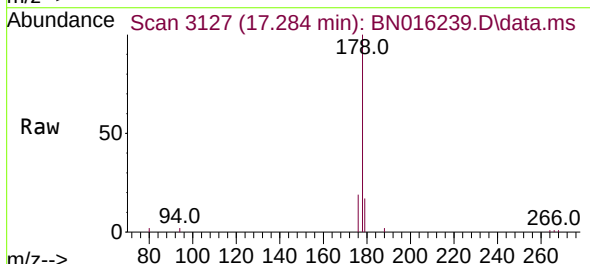
#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.543 min Scan# 2724
Delta R.T. -0.004 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



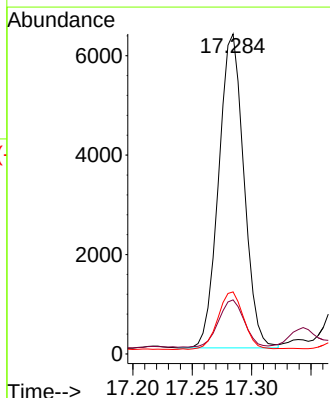
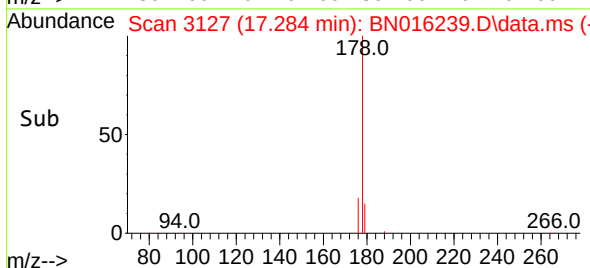
Tgt Ion:166 Resp: 871
Ion Ratio Lower Upper
166 100
165 101.7 77.9 116.9
167 37.8 11.8 17.8#



#15
Phenanthrene
Concen: 0.223 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



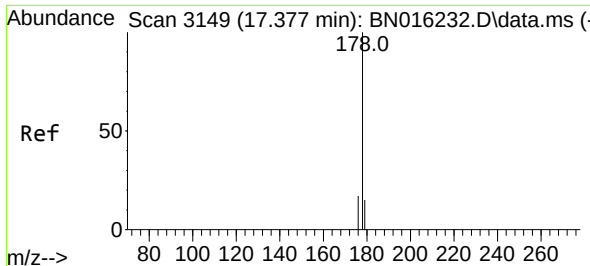
Tgt Ion:178 Resp: 9342
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.4 15.2 22.8



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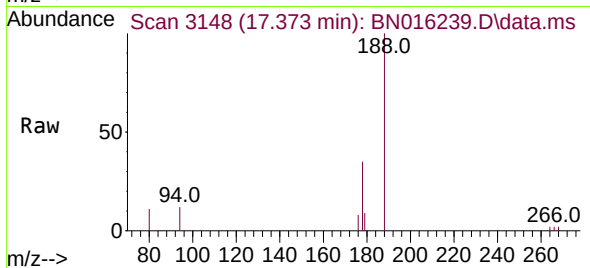
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#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.373 min Scan# 3148
 Delta R.T. -0.004 min
 Lab File: BN016239.D
 Acq: 07 Sep 2021 17:02

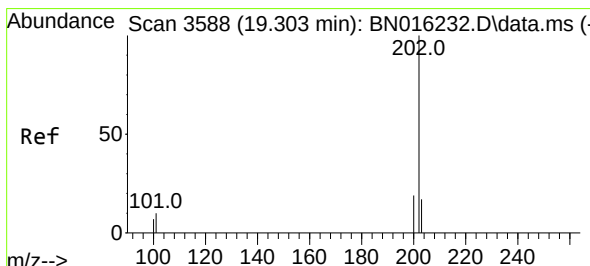
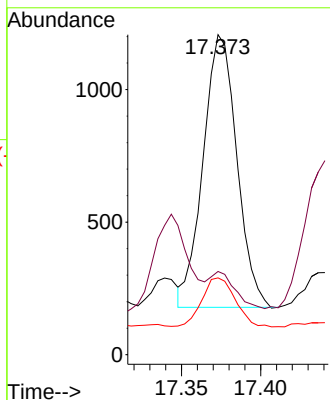
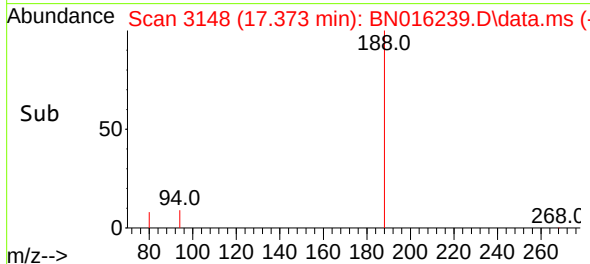
Instrument :
 BNA_N
 ClientSampled :
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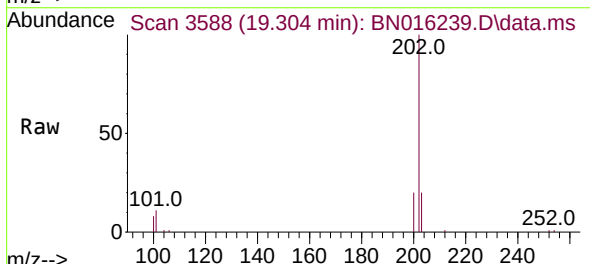
Tgt Ion:178 Resp: 1522
 Ion Ratio Lower Upper
 178 100
 179 26.0 13.3 19.9#
 176 24.0 14.9 22.3#

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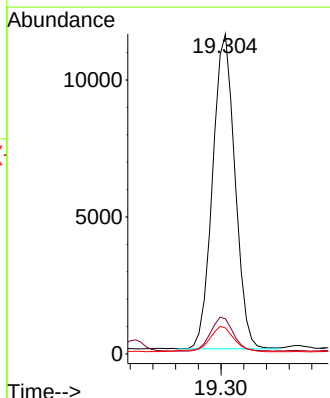
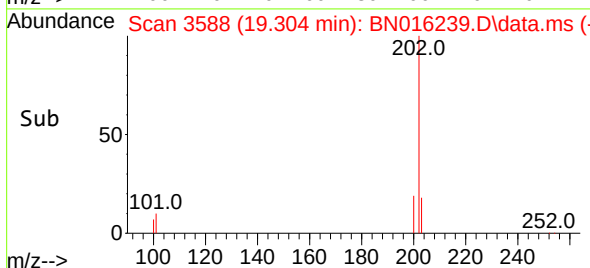
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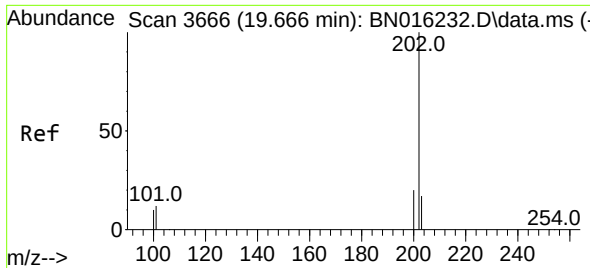


#19
 Fluoranthene
 Concen: 0.323 ng/ul
 RT: 19.304 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: BN016239.D
 Acq: 07 Sep 2021 17:02



Tgt Ion:202 Resp: 15695
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.2 13.8
 100 8.2 6.7 10.1





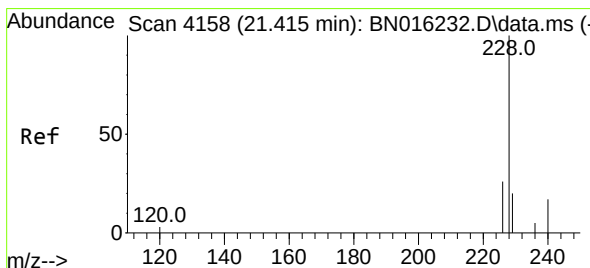
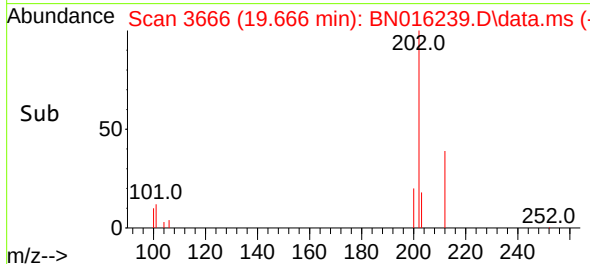
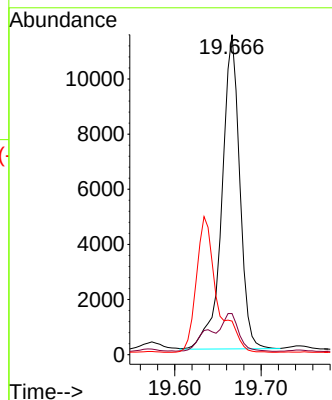
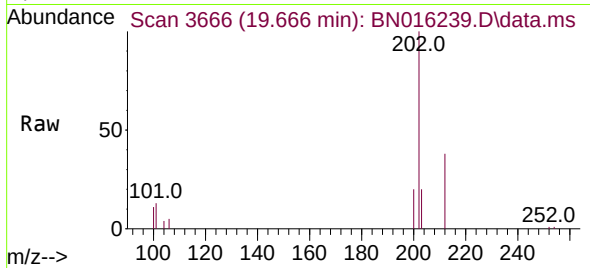
#20
Pyrene
Concen: 0.333 ng/u1
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

Tgt Ion:202 Resp: 16386
Ion Ratio Lower Upper
202 100
101 12.8 11.5 17.3
100 10.5 9.8 14.8

Instrument :
BNA_N
ClientSampleId :
C0AW2

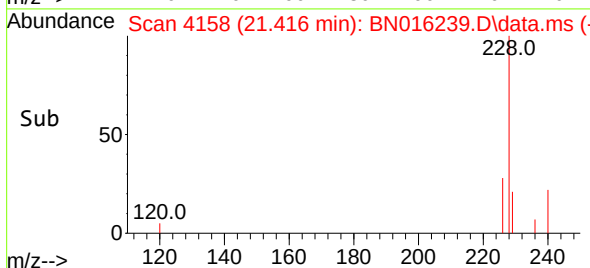
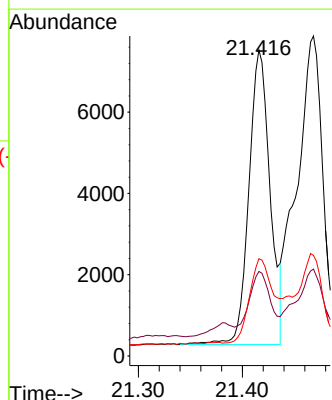
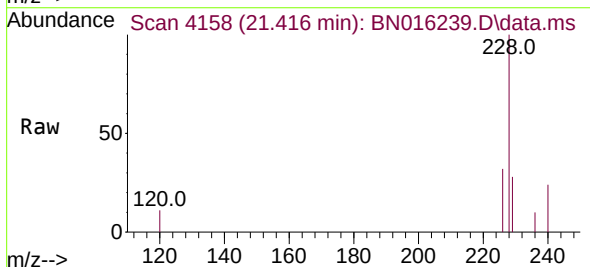
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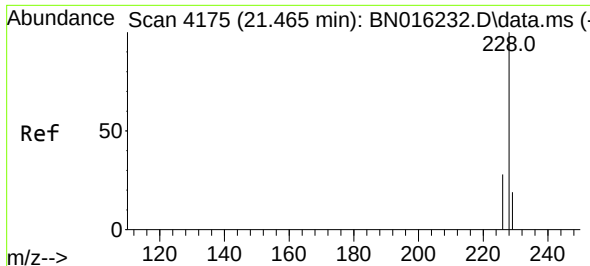
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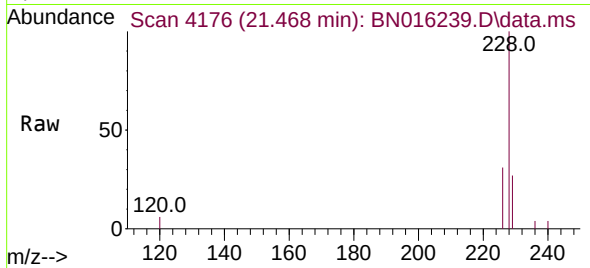
#21
Benzo(a)anthracene
Concen: 0.230 ng/u1
RT: 21.416 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

Tgt Ion:228 Resp: 10258
Ion Ratio Lower Upper
228 100
229 27.6 15.7 23.5#
226 31.8 20.8 31.2#

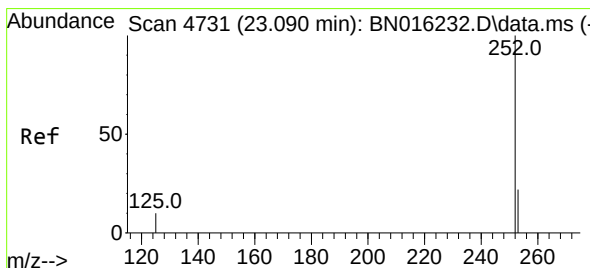
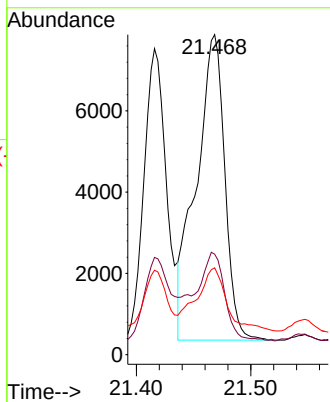
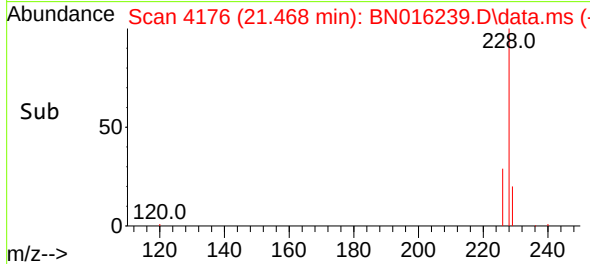




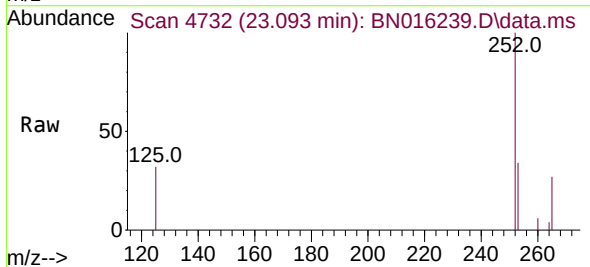
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Chrysene
Concen: 0.260 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



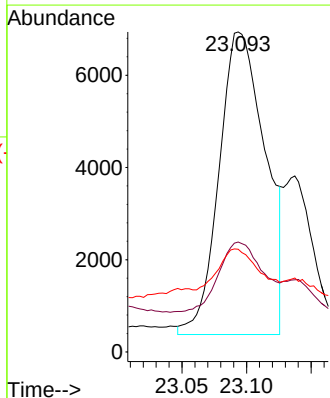
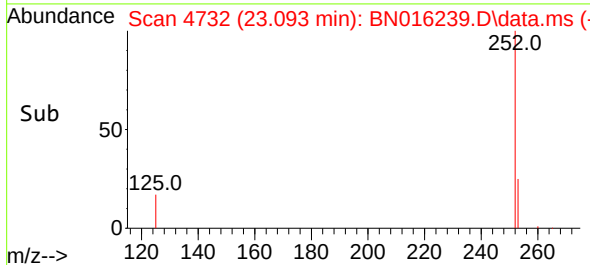
Tgt Ion:228 Resp: 13071
Ion Ratio Lower Upper
228 100
226 31.4 23.2 34.8
229 27.1 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul m
RT: 23.093 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02



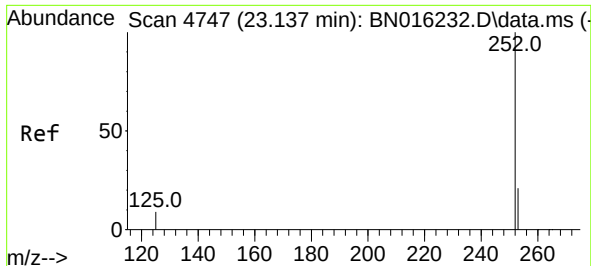
Tgt Ion:252 Resp: 16289
Ion Ratio Lower Upper
252 100
253 34.4 0.0 49.4
125 32.1 0.0 27.0#



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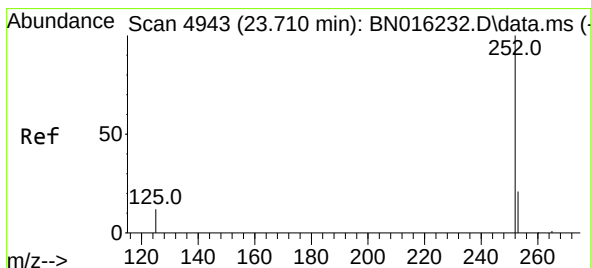
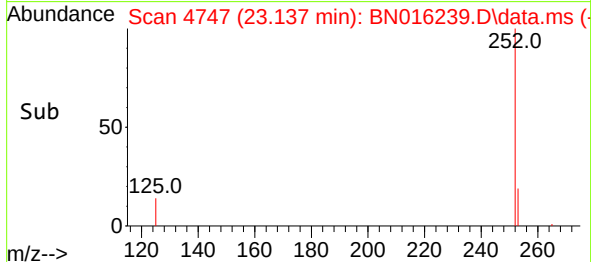
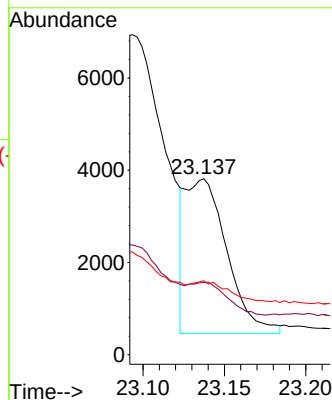
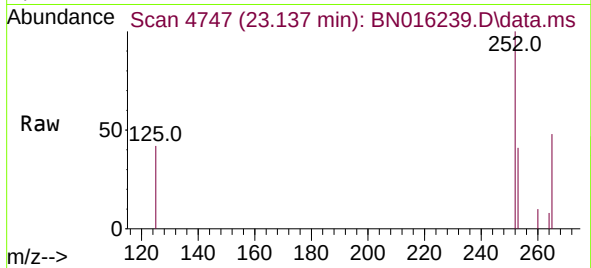
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Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	19.4	29.0#
125	42.0	10.9	16.3#

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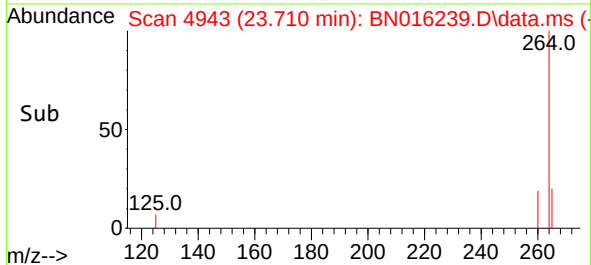
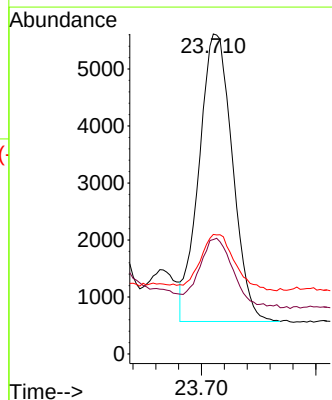
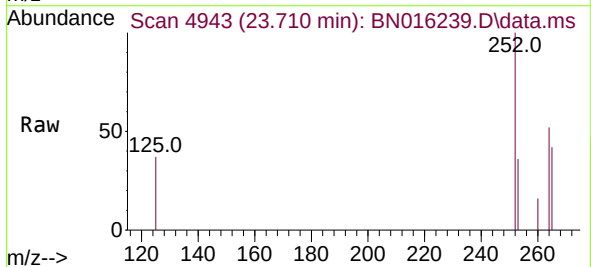
Manual Integrations
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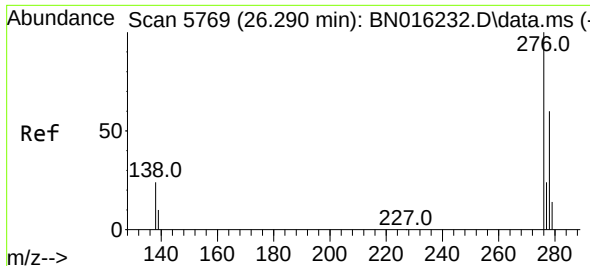
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#26
Benzo(a)pyrene
Concen: 0.225 ng/ul
RT: 23.710 min Scan# 4943
Delta R.T. 0.000 min
Lab File: BN016239.D
Acq: 07 Sep 2021 17:02

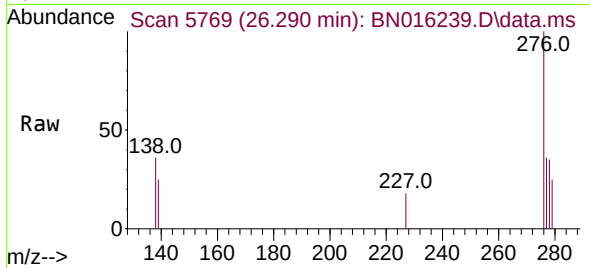
Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	20.2	30.2#
125	37.4	12.6	18.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.137 ng/ul
 RT: 26.290 min Scan# 5769
 Delta R.T. 0.000 min
 Lab File: BN016239.D
 Acq: 07 Sep 2021 17:02

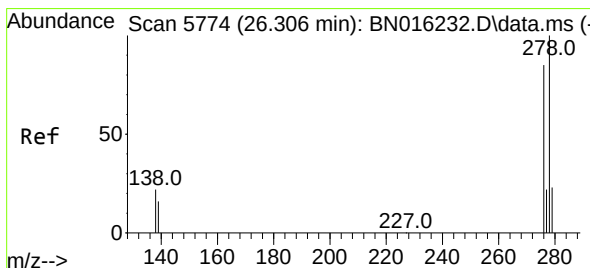
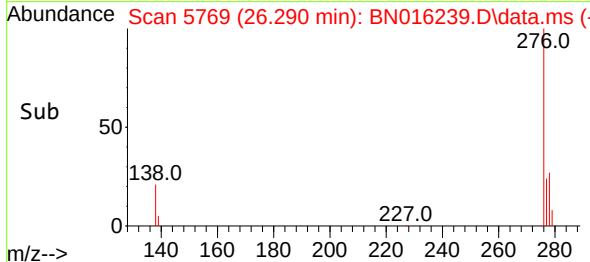
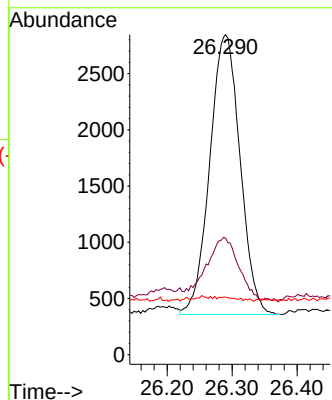
Instrument :
 BNA_N
 ClientSampled :
 C0AW2



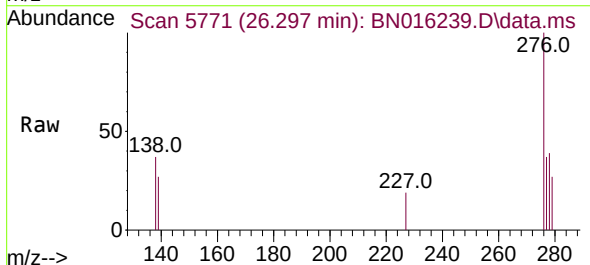
Tgt Ion:276 Resp: 8058
 Ion Ratio Lower Upper
 276 100
 138 23.7 22.7 34.1
 227 0.5 0.2 0.2#

Manual Integrations
 APPROVED

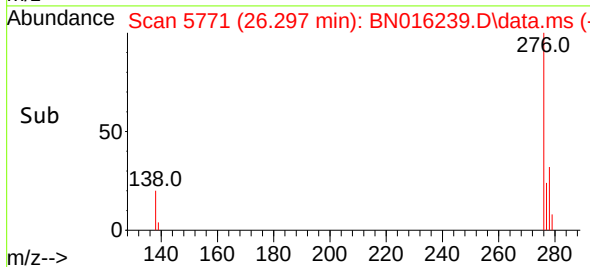
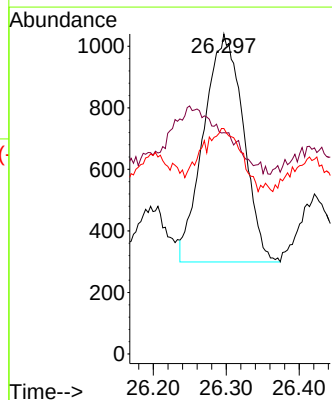
mohammad
 9/8/2021 7:00:56 AM

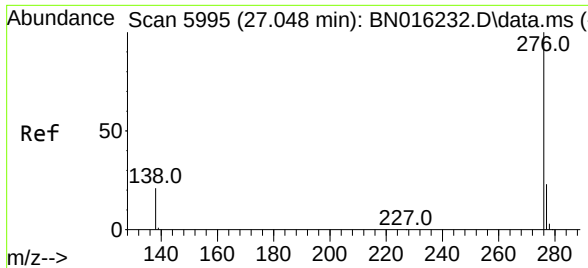


#28
 Dibenzo(a,h)anthracene
 Concen: 0.058 ng/ul
 RT: 26.297 min Scan# 5771
 Delta R.T. -0.010 min
 Lab File: BN016239.D
 Acq: 07 Sep 2021 17:02



Tgt Ion:278 Resp: 2795
 Ion Ratio Lower Upper
 278 100
 139 69.1 15.1 22.7#
 279 70.5 20.5 30.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 27.048 min Scan# 5995
 Delta R.T. 0.000 min
 Lab File: BN016239.D
 Acq: 07 Sep 2021 17:02

Tgt Ion:	276	Resp:	12797
Ion Ratio	Lower	Upper	
276	100		
138	31.6	19.3	28.9#
277	31.7	19.8	29.8#

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Manual Integrations
 APPROVED

mohammad
 9/8/2021 7:00:56 AM

