

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015489.D
 Acq On : 12 Jul 2021 14:42
 Operator : CG/JU
 Sample : M2808-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2

Manual Integrations
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Quant Time: Jul 12 15:11:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	3556	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	11821	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	7063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	12235	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	9070	0.400	ng/ul	# 0.00
23) Perylene-d12	23.754	264	11504	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	11635	2.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3717	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	9002	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	96230	2.552	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	13677	0.554	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	18044	0.756	ng/ul	100
10) Acenaphthylene	14.164	152	432254	11.837	ng/ul	99
11) Acenaphthene	14.506	153	248609	8.884	ng/ul	99
12) Fluorene	15.496	166	439097	14.201	ng/ul	99
14) Pentachlorophenol	16.853	266	80	0.030	ng/ul	95
15) Phenanthrene	17.242	178	3632933	81.811	ng/ul	99
16) Anthracene	17.331	178	1907355	48.717	ng/ul	99
19) Fluoranthene	19.266	202	4318247	103.033	ng/ul	98
20) Pyrene	19.629	202	3370179	80.177	ng/ul	99
21) Benzo(a)anthracene	21.380	228	2130171m	63.401	ng/ul	
22) Chrysene	21.433	228	1774813	44.125	ng/ul	97
24) Benzo(b)fluoranthene	23.046	252	1958863m	36.449	ng/ul	
25) Benzo(k)fluoranthene	23.084	252	868282m	14.314	ng/ul	
26) Benzo(a)pyrene	23.652	252	1229999	27.249	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.182	276	776507	14.243	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.196	278	237701	5.561	ng/ul	96
29) Benzo(g,h,i)perylene	26.924	276	64075	1.268	ng/ul#	92

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

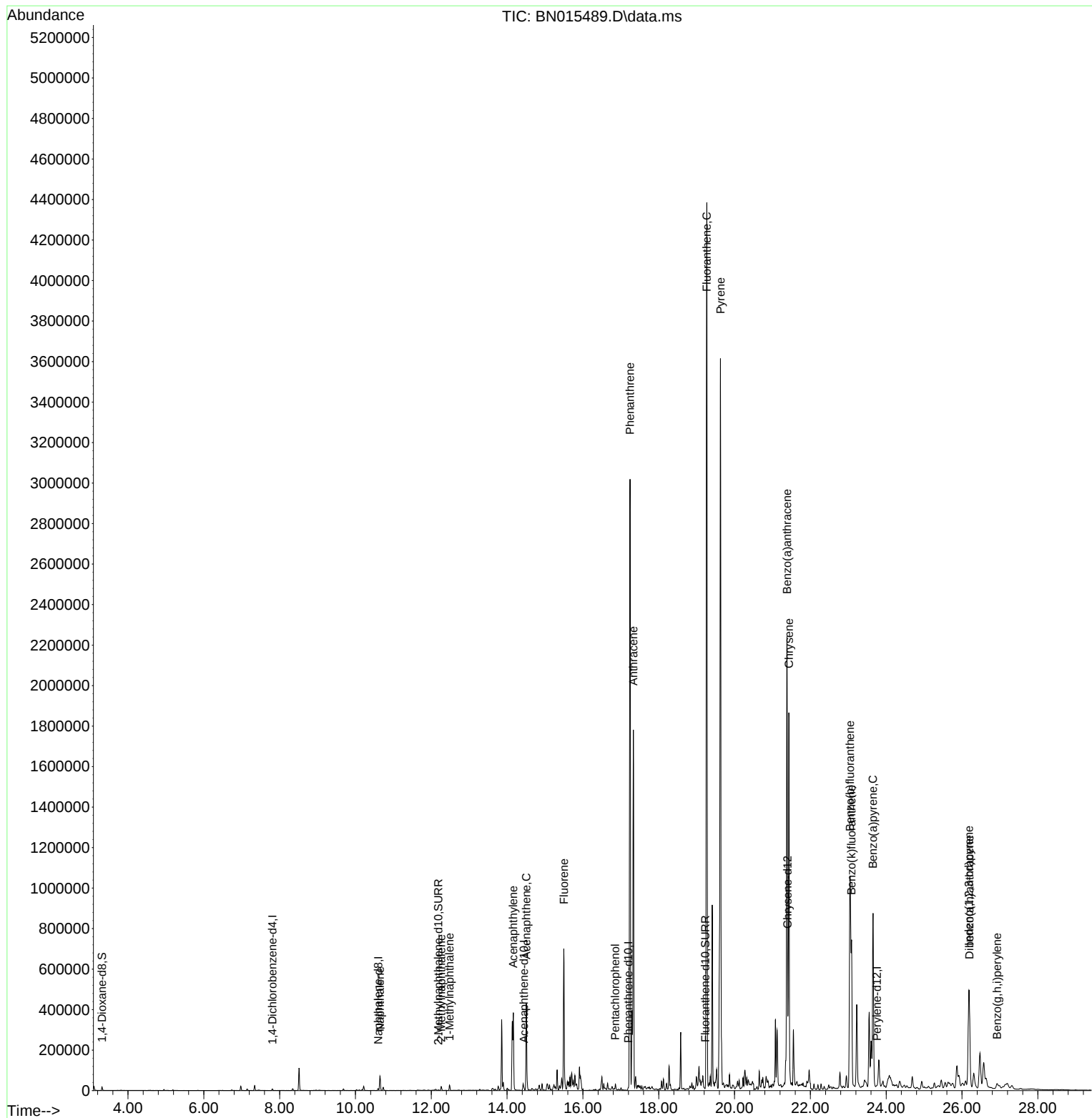
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Data File : BN015489.D
Acq On : 12 Jul 2021 14:42
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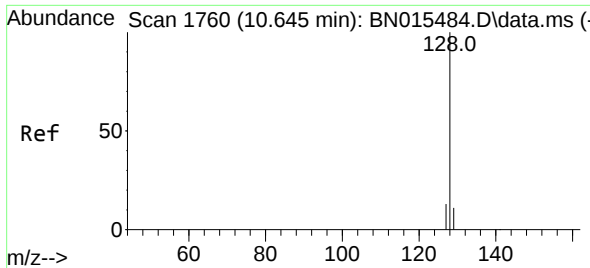
Instrument :
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ClientSampleId :
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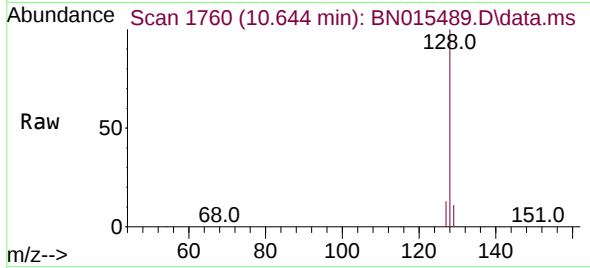
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Quant Time: Jul 12 15:11:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

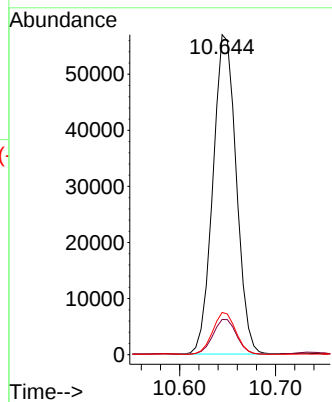
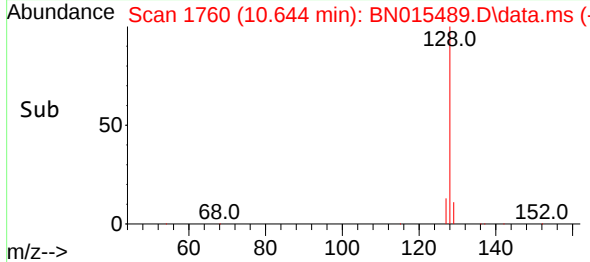




#5
Naphthalene
Concen: 2.552 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



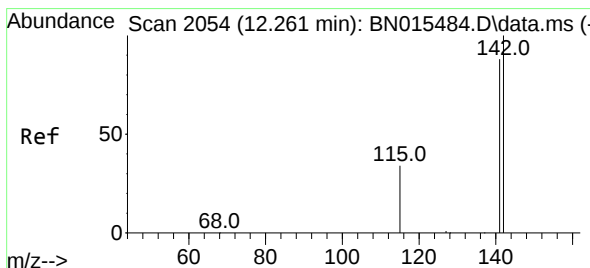
Tgt Ion:128 Resp: 96230
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.2 10.8 16.2



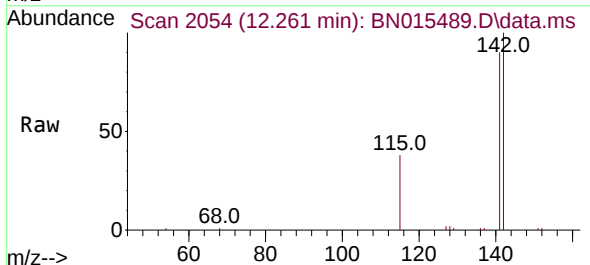
Instrument :
BNA_N
ClientSampled :
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Manual Integrations
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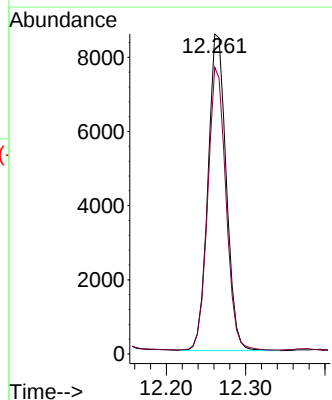
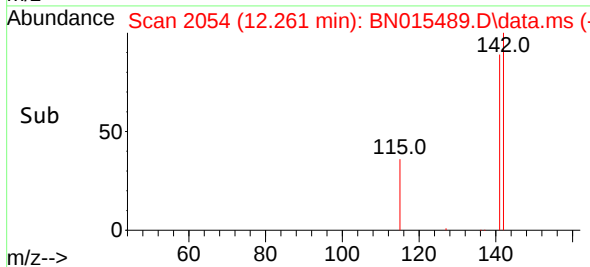
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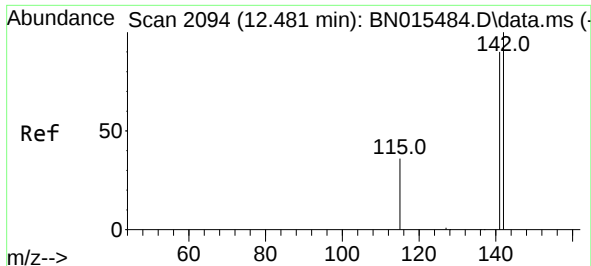


#7
2-Methylnaphthalene
Concen: 0.554 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



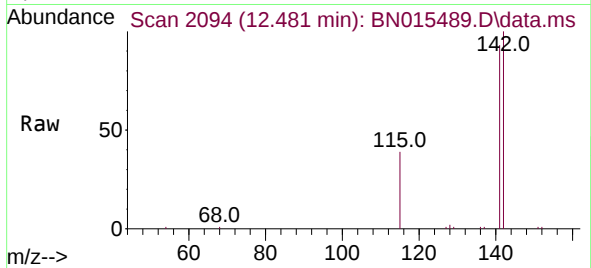
Tgt Ion:142 Resp: 13677
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.756 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

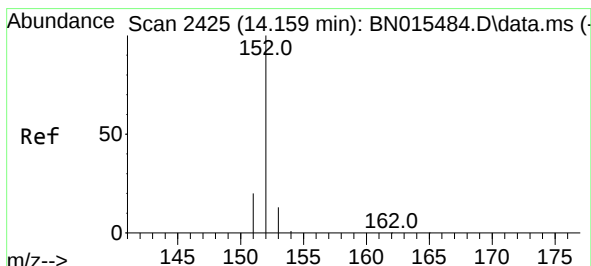
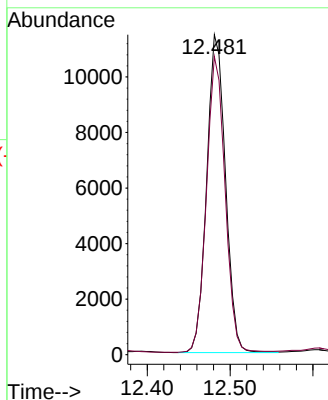
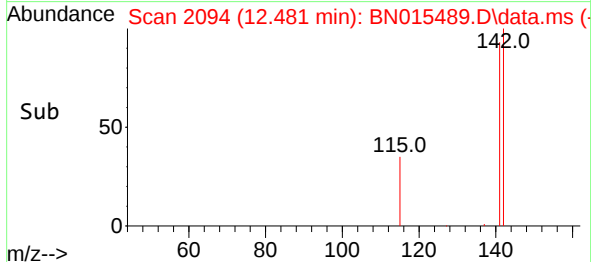
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BNA_N
ClientSampled :
BGDS2



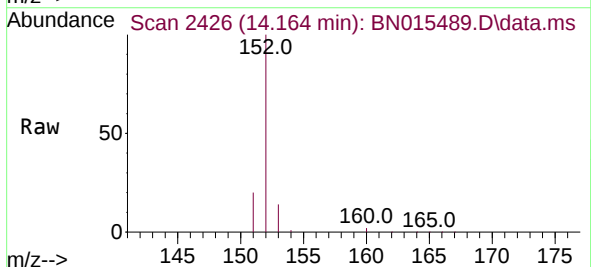
Tgt Ion:142 Resp: 18044
Ion Ratio Lower Upper
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141 92.4 74.2 111.4

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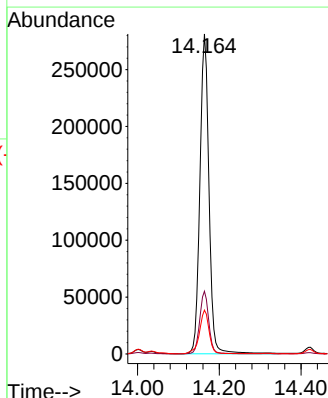
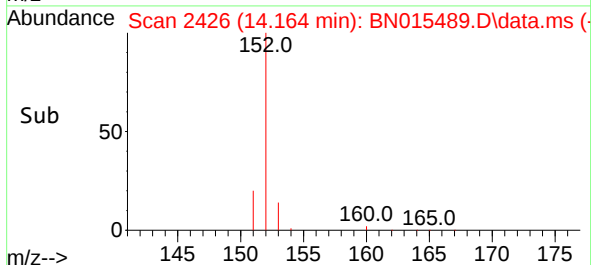
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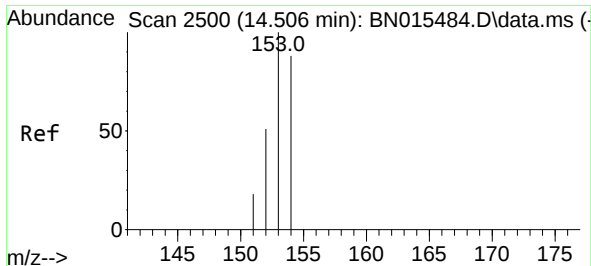


#10
Acenaphthylene
Concen: 11.837 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



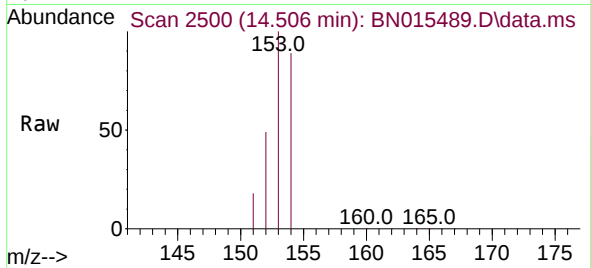
Tgt Ion:152 Resp: 432254
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 8.884 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

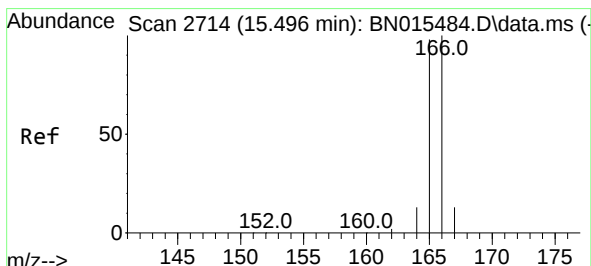
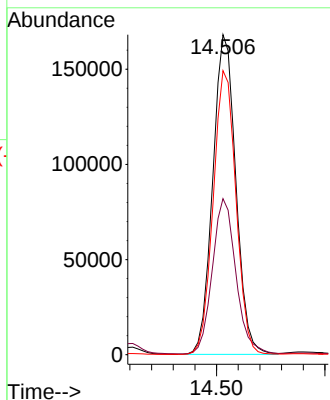
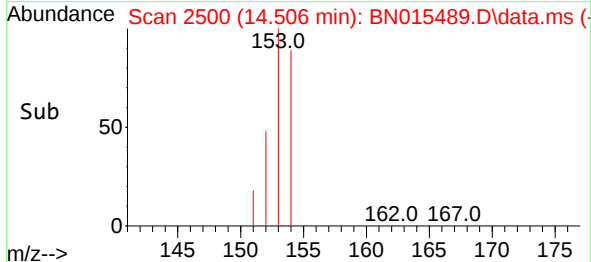
Instrument :
BNA_N
ClientSampleId :
BGDS2



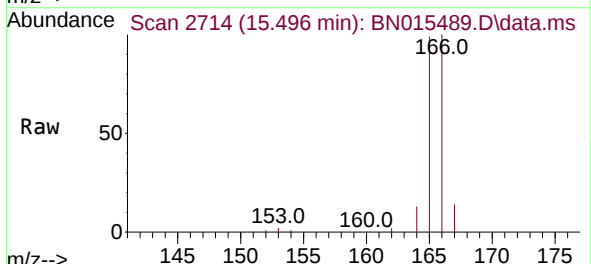
Tgt Ion:153 Resp: 248609
Ion Ratio Lower Upper
153 100
152 48.8 39.8 59.6
154 88.7 69.8 104.8

Manual Integrations
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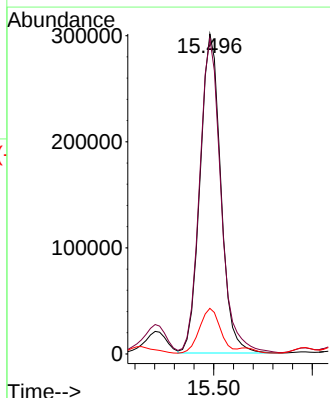
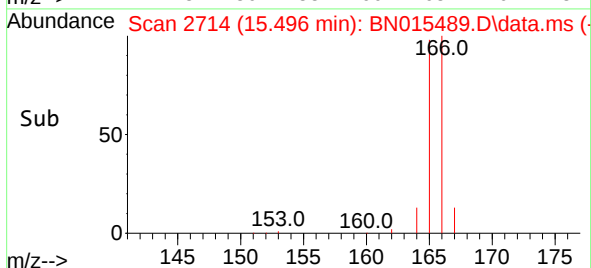
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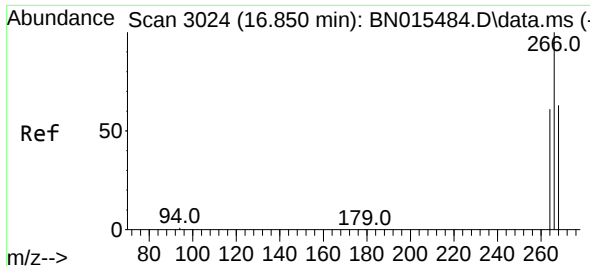


#12
Fluorene
Concen: 14.201 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



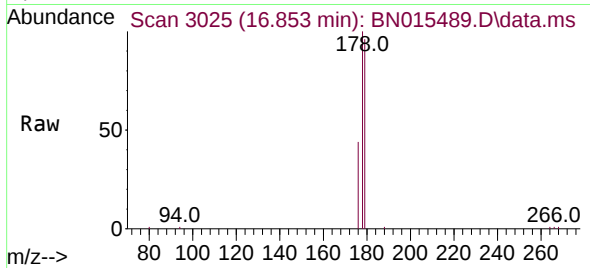
Tgt Ion:166 Resp: 439097
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 14.3 11.2 16.8





#14
 Pentachlorophenol
 Concen: 0.030 ng/ul
 RT: 16.853 min Scan# 3025
 Delta R.T. 0.004 min
 Lab File: BN015489.D
 Acq: 12 Jul 2021 14:42

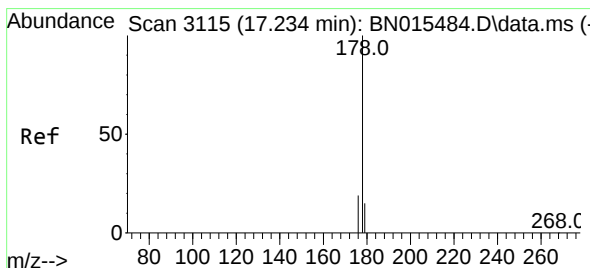
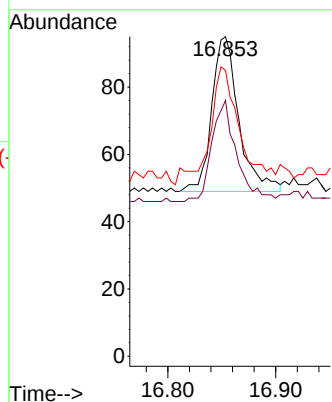
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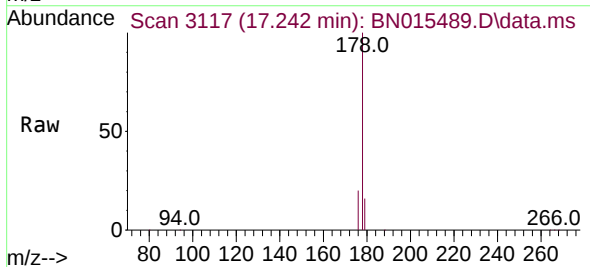
Tgt Ion:266 Resp: 80
 Ion Ratio Lower Upper
 266 100
 264 60.0 50.2 75.2
 268 70.0 51.8 77.6

Manual Integrations
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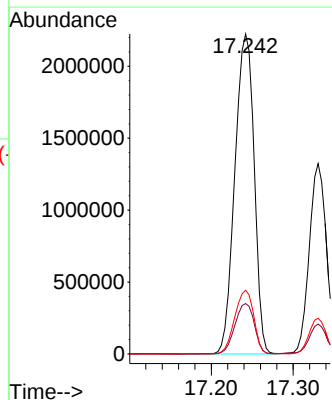
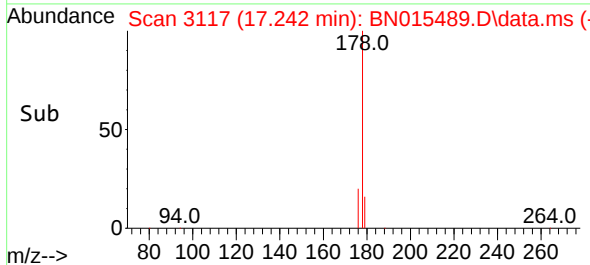
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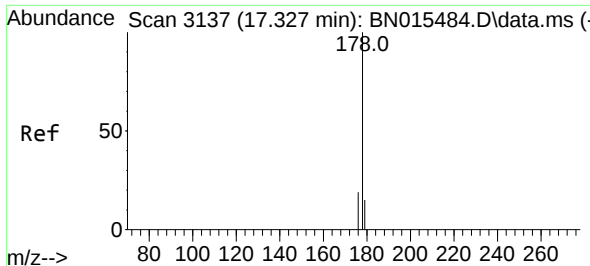


#15
 Phenanthrene
 Concen: 81.811 ng/ul
 RT: 17.242 min Scan# 3117
 Delta R.T. 0.008 min
 Lab File: BN015489.D
 Acq: 12 Jul 2021 14:42



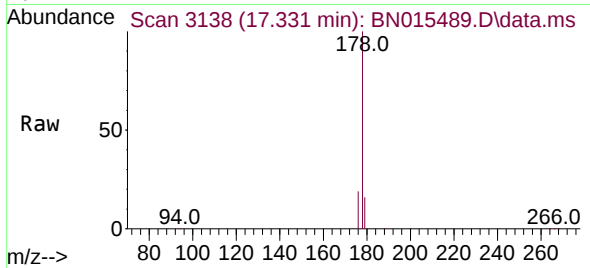
Tgt Ion:178 Resp: 3632933
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 19.9 15.5 23.3





#16
 Anthracene
 Concen: 48.717 ng/ul
 RT: 17.331 min Scan# 3138
 Delta R.T. 0.004 min
 Lab File: BN015489.D
 Acq: 12 Jul 2021 14:42

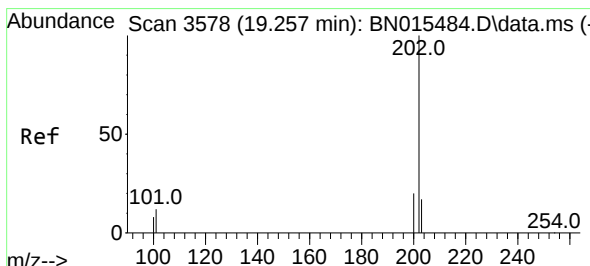
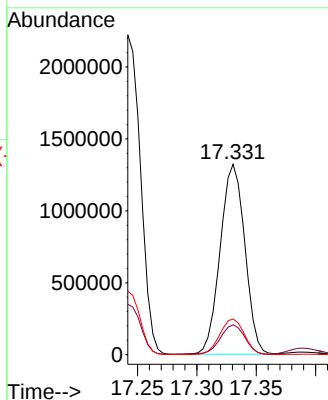
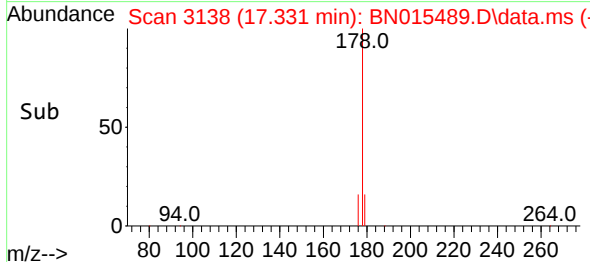
Instrument :
 BNA_N
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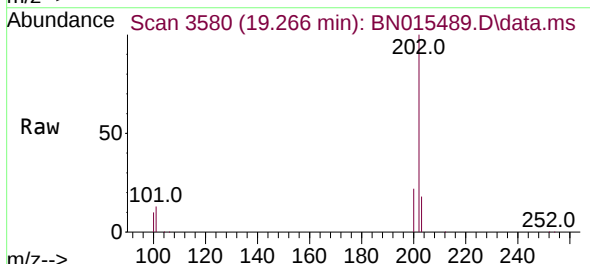
Tgt Ion:178 Resp: 1907355
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.8 19.2
 176 18.7 15.2 22.8

Manual Integrations
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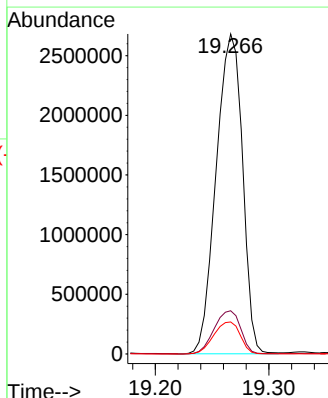
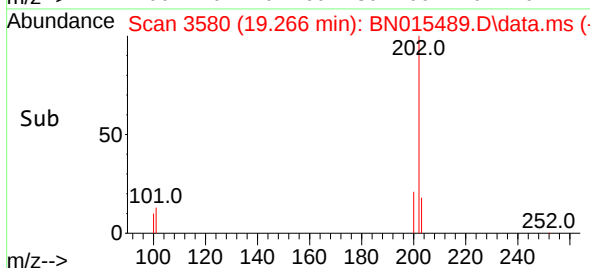
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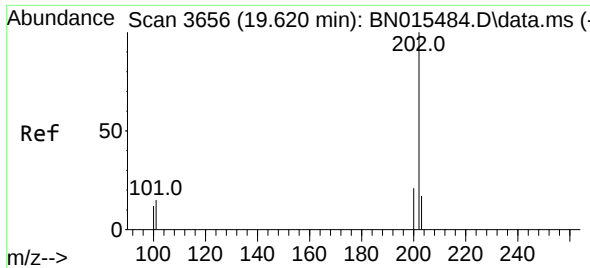


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 Fluoranthene
 Concen: 103.033 ng/ul
 RT: 19.266 min Scan# 3580
 Delta R.T. 0.009 min
 Lab File: BN015489.D
 Acq: 12 Jul 2021 14:42

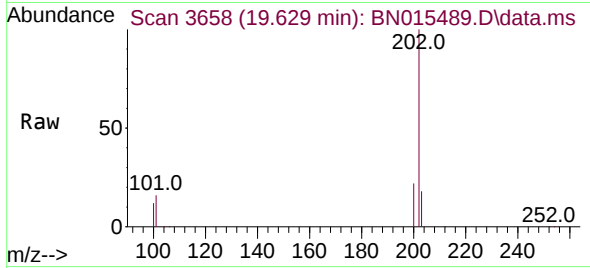


Tgt Ion:202 Resp: 4318247
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.1 15.1
 100 10.0 7.4 11.0

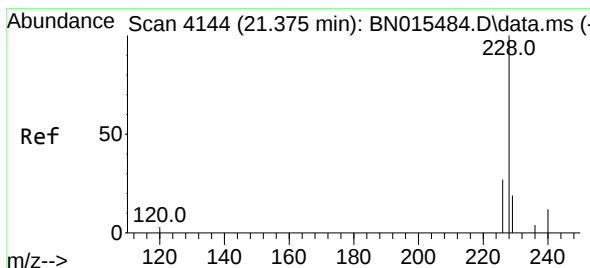
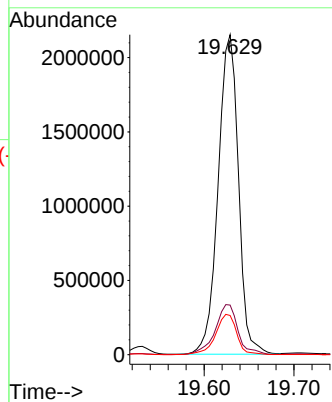
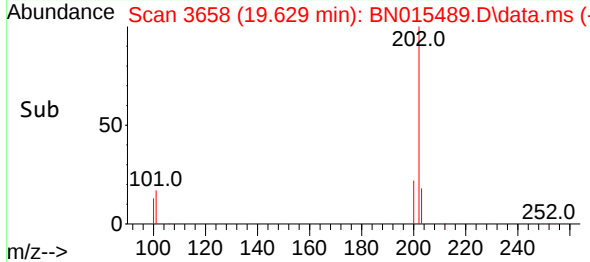




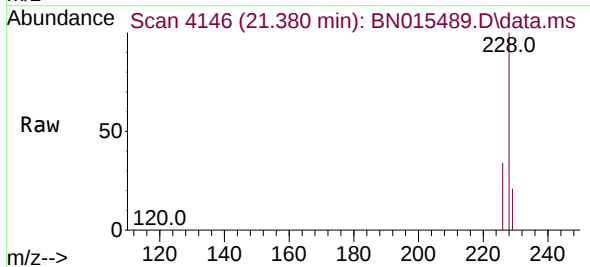
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Pyrene
Concen: 80.177 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.009 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



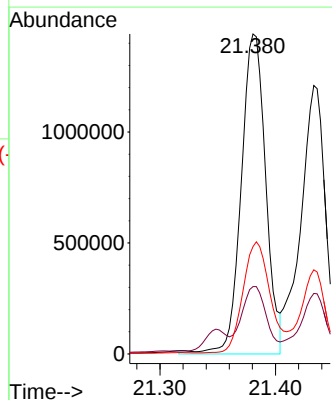
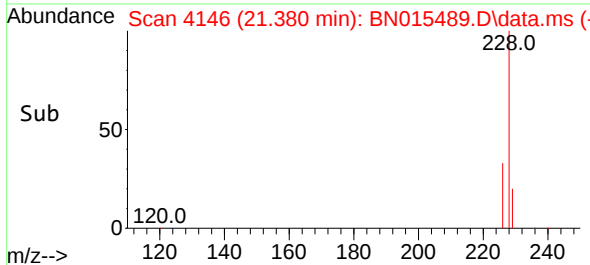
Tgt Ion:202 Resp: 3370179
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.3 9.6 14.4



#21
Benzo(a)anthracene
Concen: 63.401 ng/ul m
RT: 21.380 min Scan# 4146
Delta R.T. 0.006 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



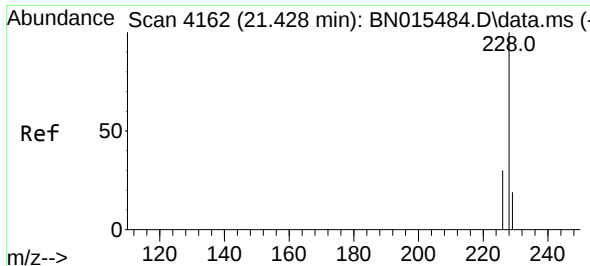
Tgt Ion:228 Resp: 2130171
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 33.6 21.8 32.8#



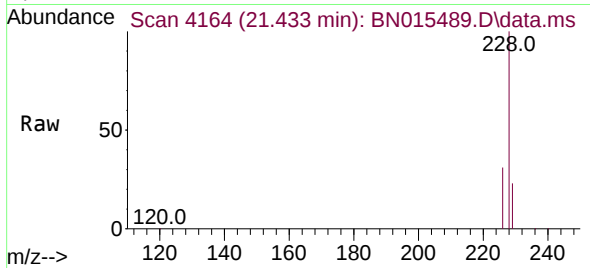
Instrument :
BNA_N
ClientSampled :
BGDS2

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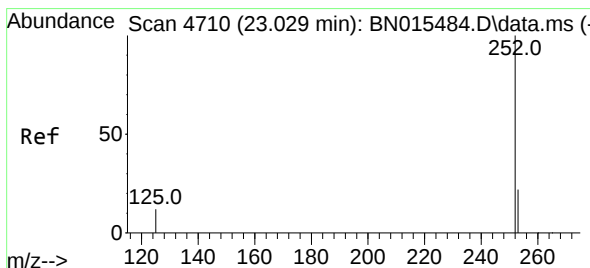
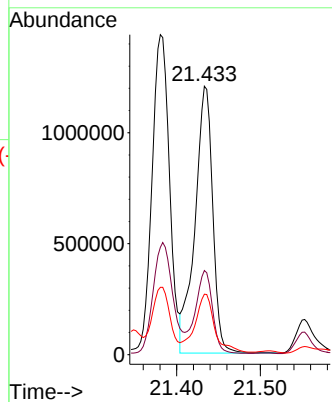
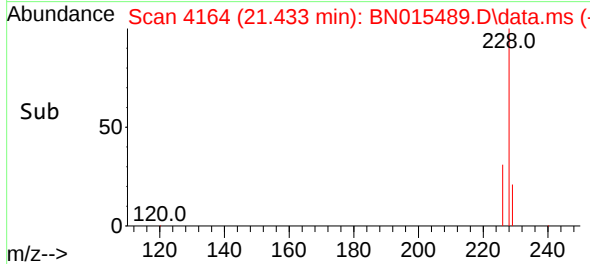
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7/13/2021 1:43:52 PM



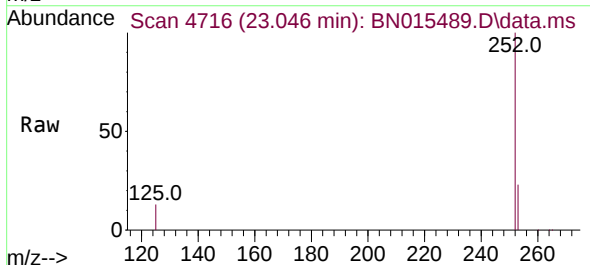
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Chrysene
Concen: 44.125 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. 0.006 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



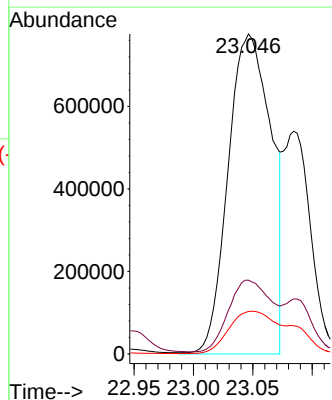
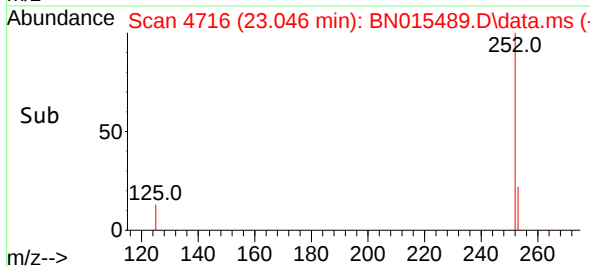
Tgt Ion:228 Resp: 1774813
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 22.6 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 36.449 ng/ul m
RT: 23.046 min Scan# 4716
Delta R.T. 0.017 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42



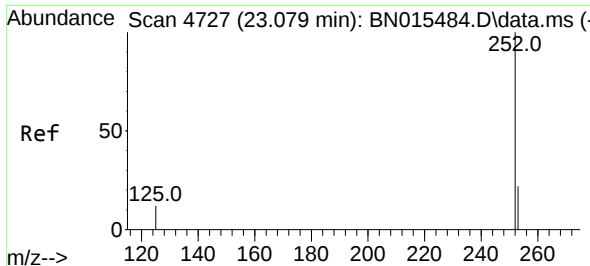
Tgt Ion:252 Resp: 1958863
Ion Ratio Lower Upper
252 100
253 23.0 0.0 45.6
125 13.3 0.0 28.4



Instrument :
BNA_N
ClientSampled :
BGDS2

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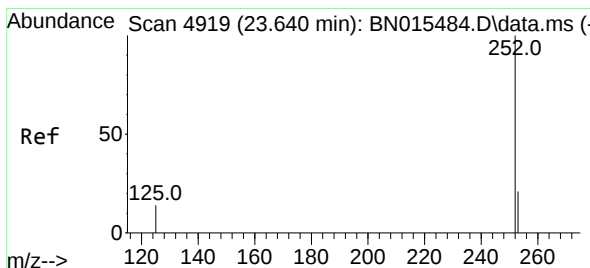
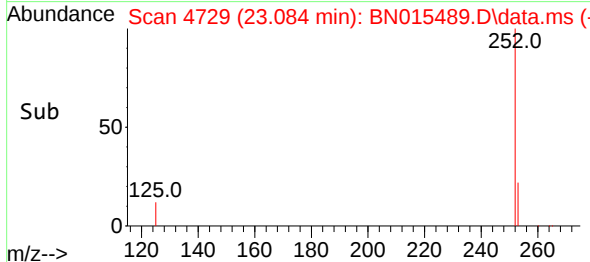
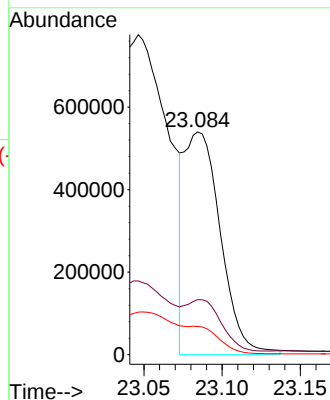
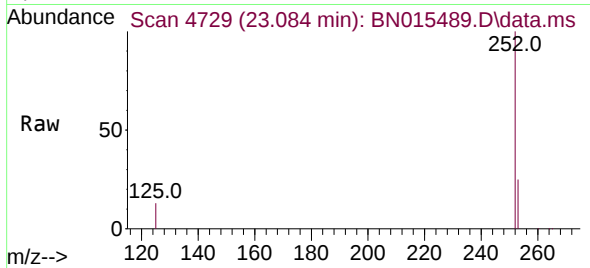
#25
Benzo(k)fluoranthene
Concen: 14.314 ng/ul m
RT: 23.084 min Scan# 4729
Delta R.T. 0.006 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

Tgt Ion:252 Resp: 868282
Ion Ratio Lower Upper
252 100
253 24.7 18.1 27.1
125 12.6 11.5 17.3

Instrument :
BNA_N
ClientSampled :
BGDS2

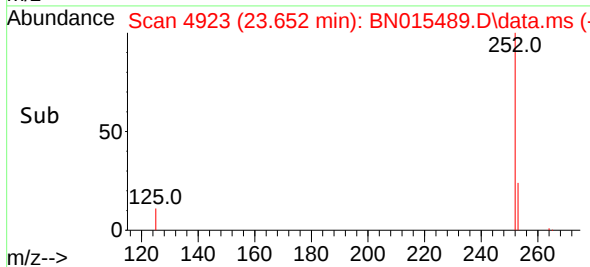
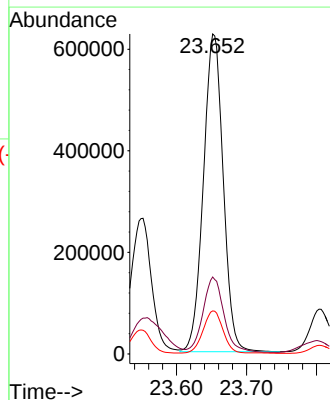
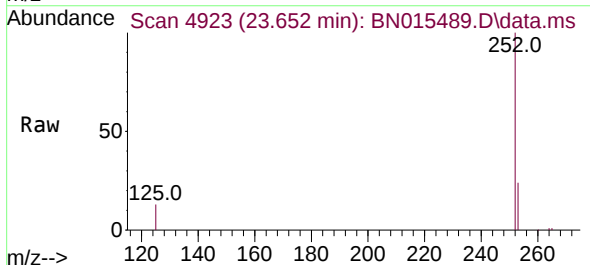
Manual Integrations
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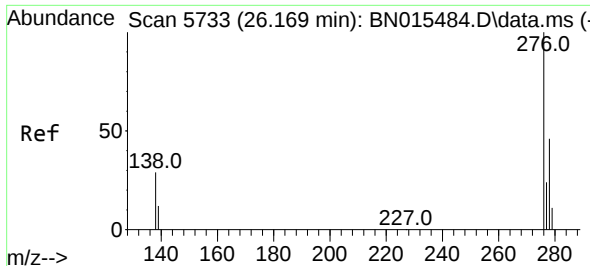
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#26
Benzo(a)pyrene
Concen: 27.249 ng/ul
RT: 23.652 min Scan# 4923
Delta R.T. 0.011 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

Tgt Ion:252 Resp: 1229999
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 13.5 13.5 20.3#

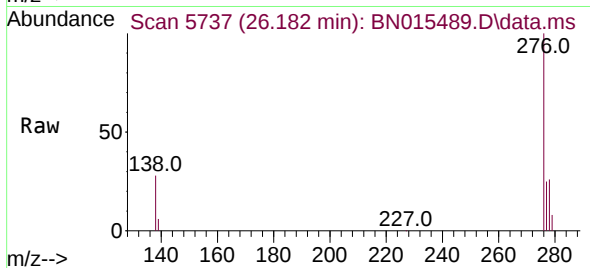




#27

Indeno(1,2,3-cd)pyrene
Concen: 14.243 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. 0.013 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

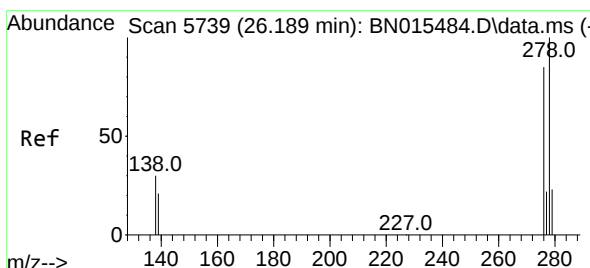
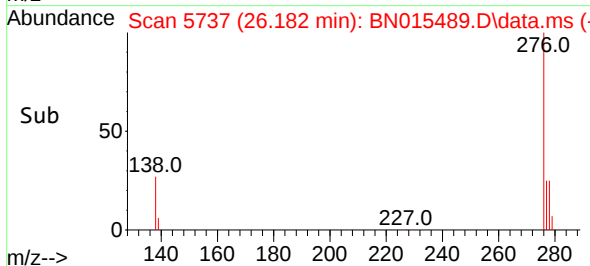
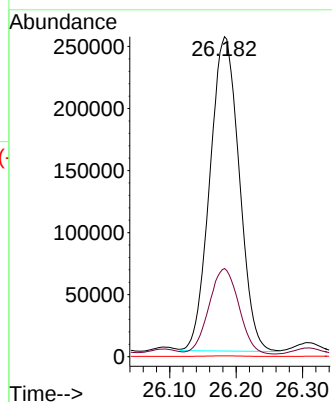
Instrument :
BNA_N
ClientSampled :
BGDS2



Tgt Ion:276 Resp: 776507
Ion Ratio Lower Upper
276 100
138 27.7 26.3 39.5
227 0.2 0.1 0.1#

Manual Integrations
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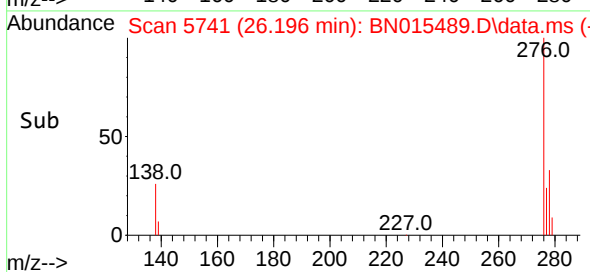
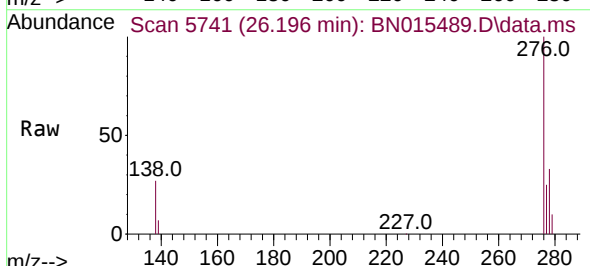
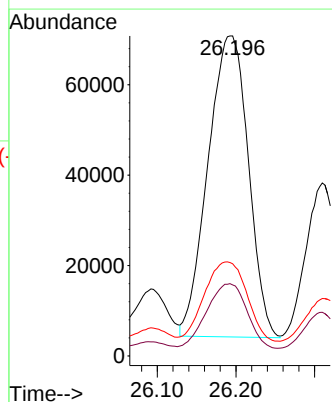
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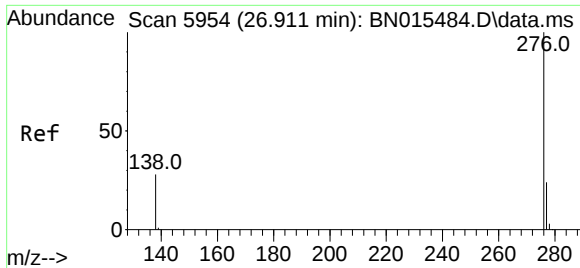


#28

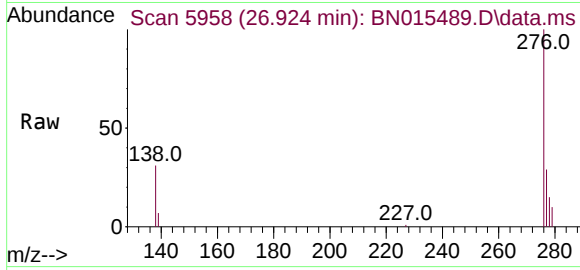
Dibenzo(a,h)anthracene
Concen: 5.561 ng/ul
RT: 26.196 min Scan# 5741
Delta R.T. 0.006 min
Lab File: BN015489.D
Acq: 12 Jul 2021 14:42

Tgt Ion:278 Resp: 237701
Ion Ratio Lower Upper
278 100
139 22.2 18.9 28.3
279 28.8 20.8 31.2

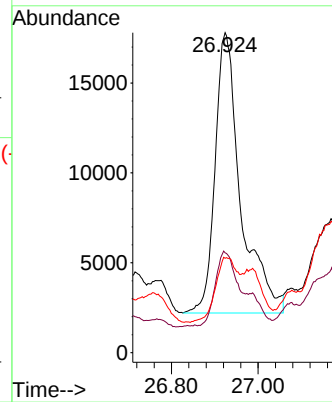
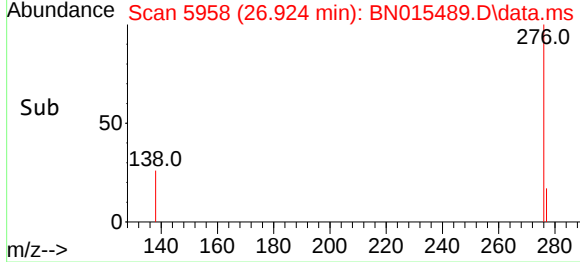




#29
 Benzo(g,h,i)perylene
 Concen: 1.268 ng/ul
 RT: 26.924 min Scan# 5958
 Delta R.T. 0.013 min
 Lab File: BN015489.D
 Acq: 12 Jul 2021 14:42



Tgt Ion:	276	Resp:	64075
Ion Ratio	Lower	Upper	
276	100		
138	31.2	23.0	34.4
277	29.5	19.3	28.9#



Instrument :
 BNA_N
 ClientSampleId :
 BGDS2

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