

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015475.D
 Acq On : 10 Jul 2021 09:13
 Operator : CG/JU
 Sample : M2808-16DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5DL

Manual Integrations
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Quant Time: Jul 11 06:14:24 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	4278	0.40	ng/ul	0.00
4) Naphthalene-d8	10.479	136	14916	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	7682	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	15187	0.40	ng/ul	0.00
17) Chrysene-d12	21.281	240	12457	0.40	ng/ul	0.00
23) Perylene-d12	23.517	264	10951	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1388	0.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	490	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	1076	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1692	0.04	ng/ul#	92
10) Acenaphthylene	14.053	152	2603	0.07	ng/ul#	95
11) Acenaphthene	14.400	153	1207	0.04	ng/ul	98
12) Fluorene	15.385	166	1655	0.05	ng/ul#	96
15) Phenanthrene	17.124	178	25336	0.46	ng/ul	100
16) Anthracene	17.217	178	13385	0.28	ng/ul	100
19) Fluoranthene	19.146	202	78731	1.37	ng/ul	98
20) Pyrene	19.513	202	60874	1.05	ng/ul	99
21) Benzo(a)anthracene	21.264	228	39709	0.86	ng/ul	97
22) Chrysene	21.316	228	35062	0.63	ng/ul	99
24) Benzo(b)fluoranthene	22.851	252	39703m	0.78	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	13330m	0.23	ng/ul	
26) Benzo(a)pyrene	23.418	252	26359	0.61	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.760	276	14233	0.27	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.763	278	4043	0.10	ng/ul#	89
29) Benzo(g,h,i)perylene	26.448	276	2061	0.04	ng/ul#	83

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

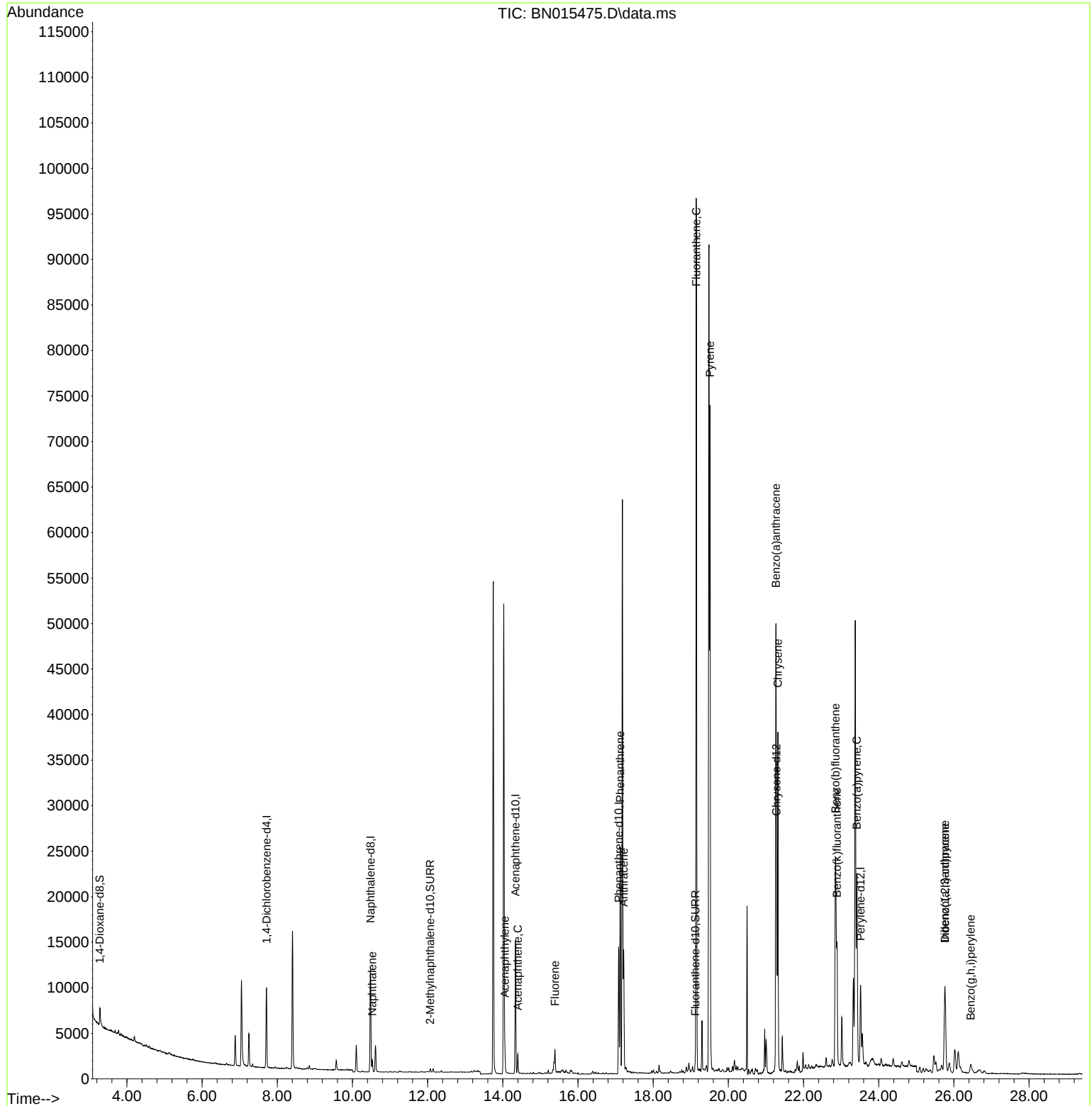
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Data File : BN015475.D
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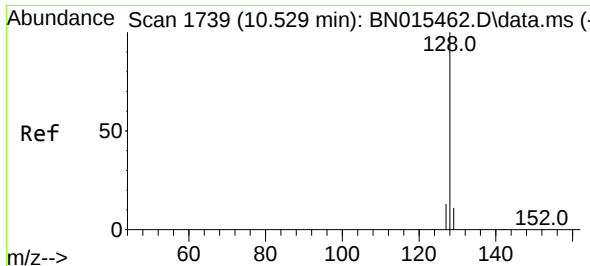
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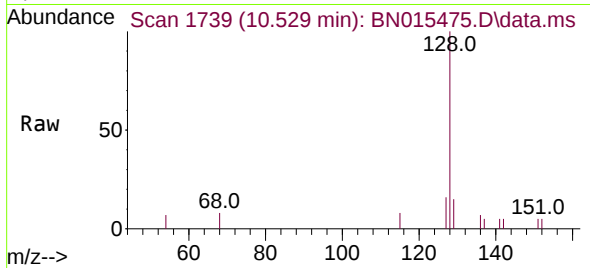
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
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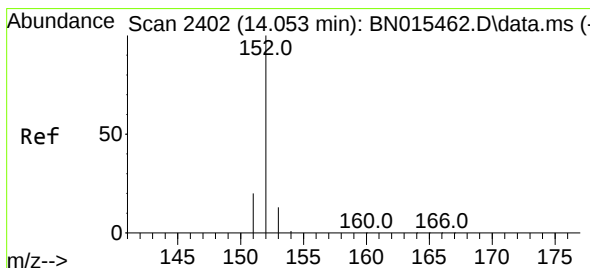
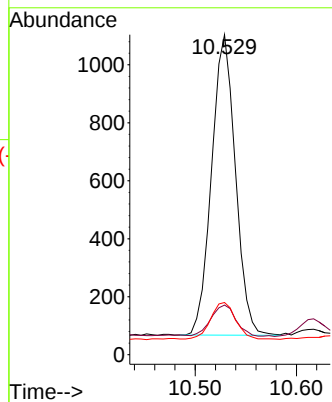
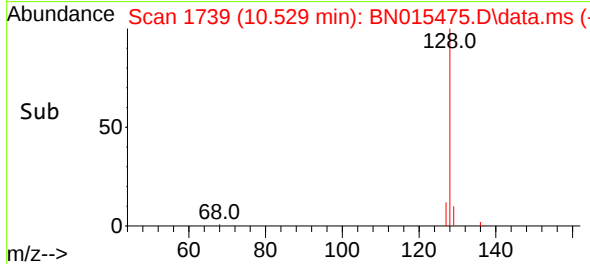




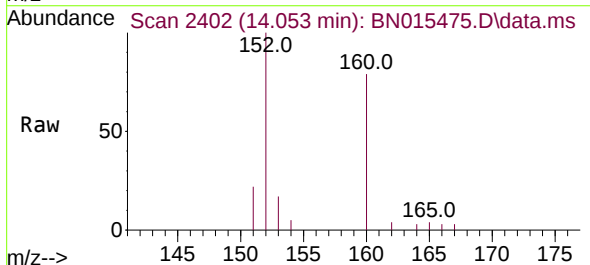
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



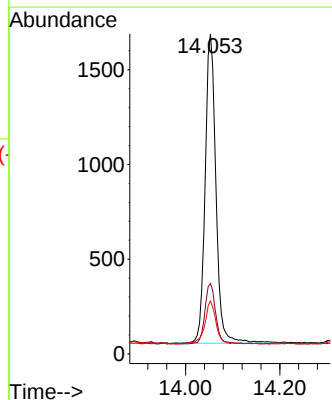
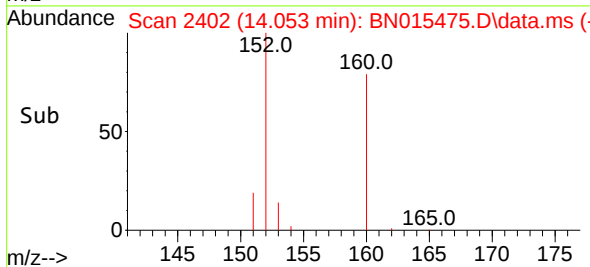
Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
129 15.5 9.3 13.9#
127 16.3 10.8 16.2#



#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



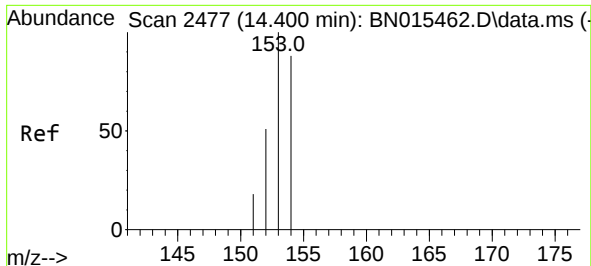
Tgt Ion:152 Resp: 2603
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 16.5 10.9 16.3#



Instrument :
BNA_N
ClientSampleId :
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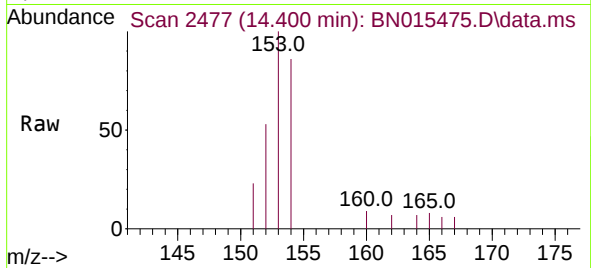
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#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

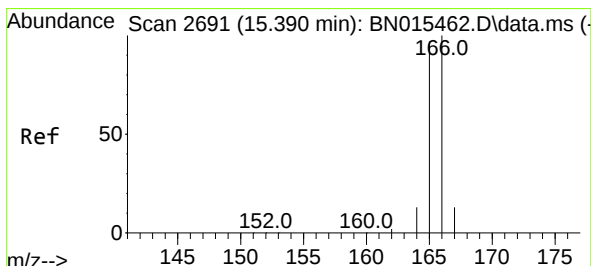
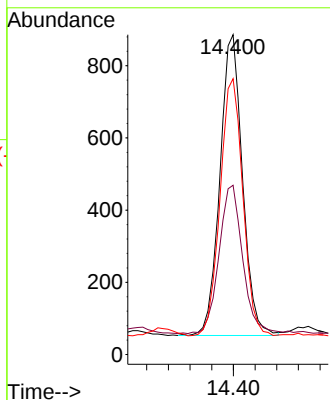
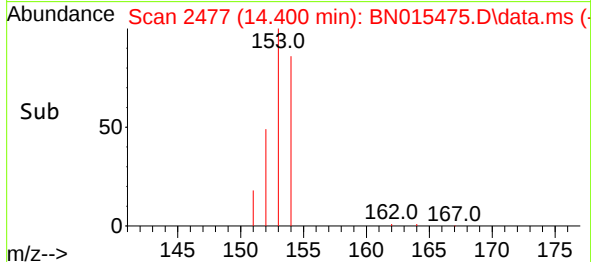
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BNA_N
ClientSampleId :
BGDW5DL



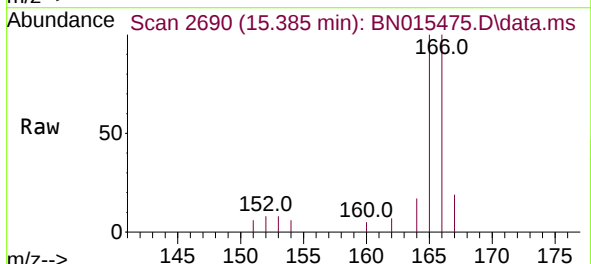
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Ion Ratio Lower Upper
153 100
152 52.9 39.8 59.6
154 86.2 69.8 104.8

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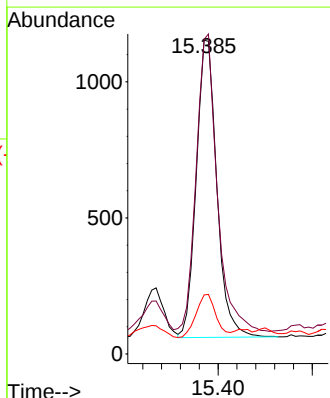
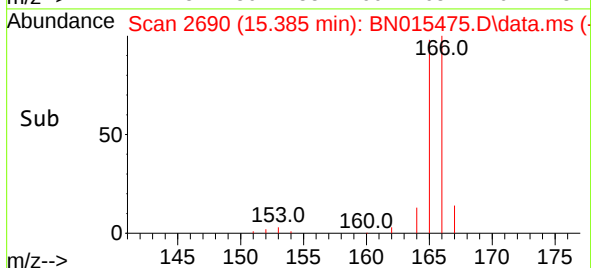
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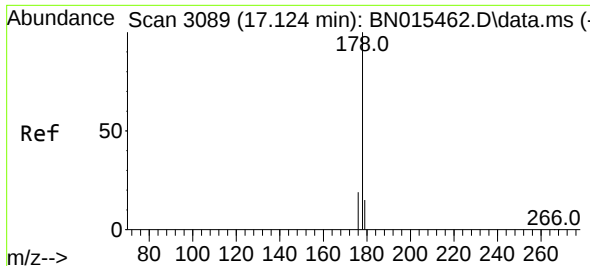


#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.385 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



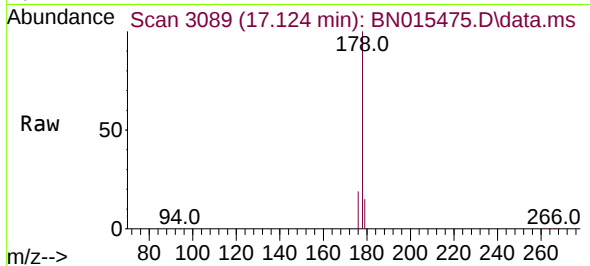
Tgt Ion:166 Resp: 1655
Ion Ratio Lower Upper
166 100
165 100.3 77.8 116.8
167 18.8 11.2 16.8#





#15
Phenanthrene
Concen: 0.46 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

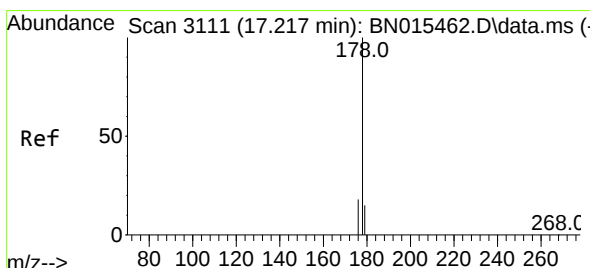
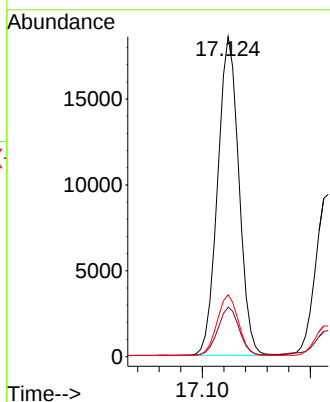
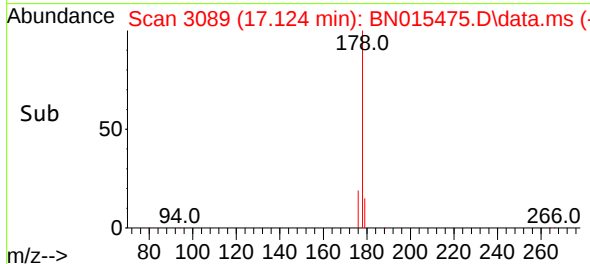
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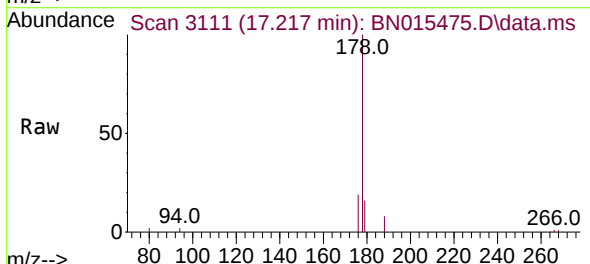
Tgt Ion:178 Resp: 25336
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.3 15.5 23.3

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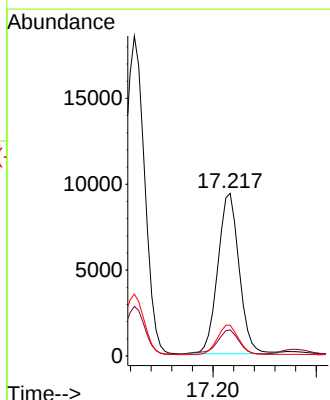
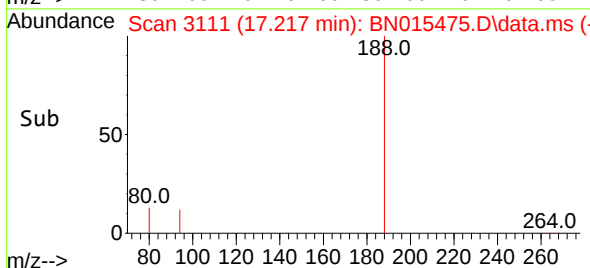
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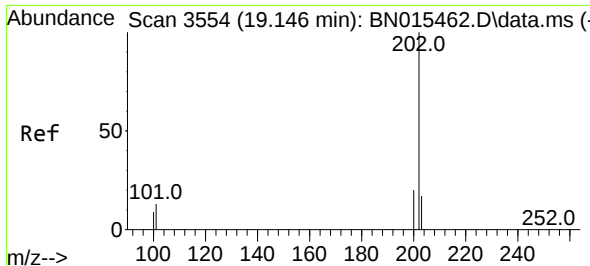


#16
Anthracene
Concen: 0.28 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



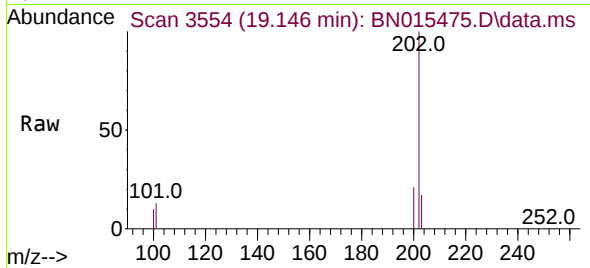
Tgt Ion:178 Resp: 13385
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 18.9 15.2 22.8





#19
Fluoranthene
Concen: 1.37 ng/ul
RT: 19.146 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

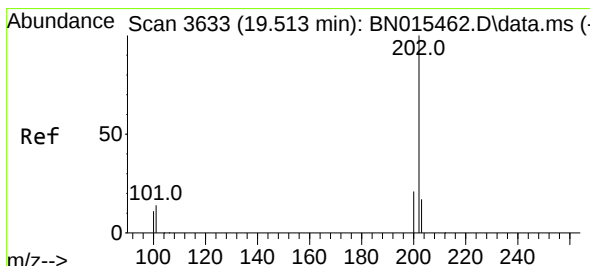
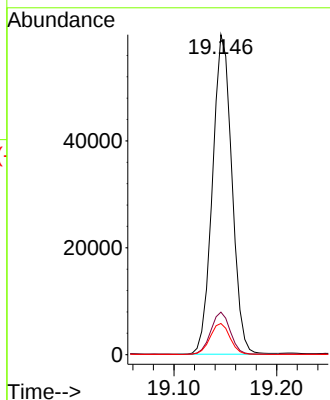
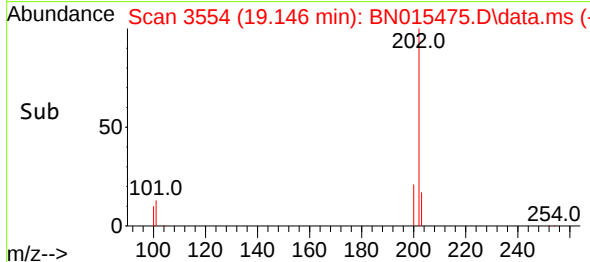
Instrument :
BNA_N
ClientSampleId :
BGDW5DL



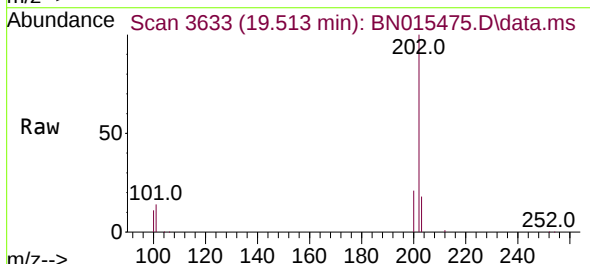
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.1	15.1
100	9.8	7.4	11.0

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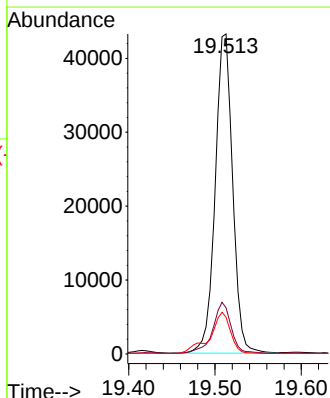
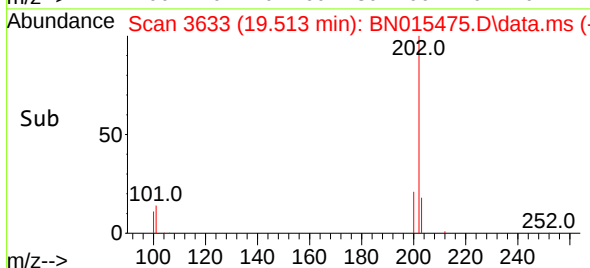
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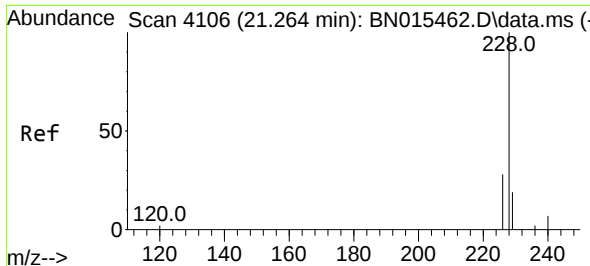


#20
Pyrene
Concen: 1.05 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.0	18.0
100	11.4	9.6	14.4





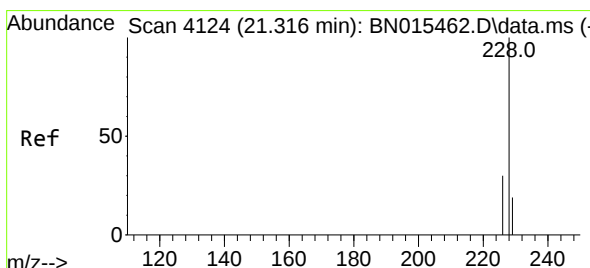
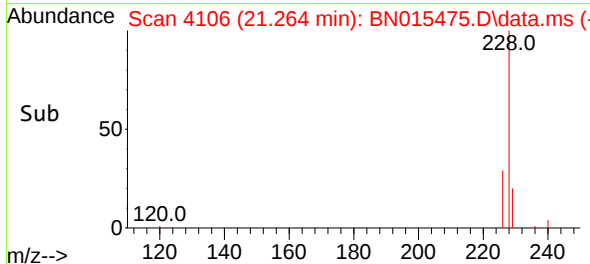
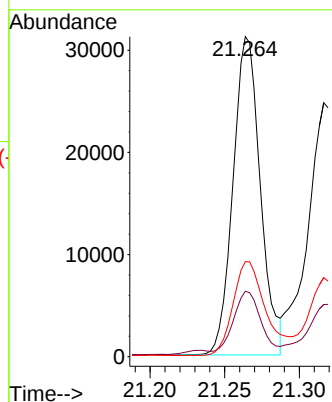
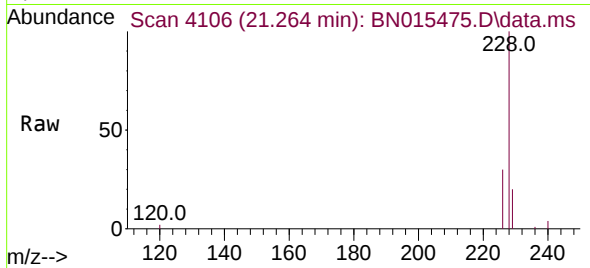
#21
Benzo(a)anthracene
Concen: 0.86 ng/ul
RT: 21.264 min Scan# 4106
Delta R.T. -0.008 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion:228 Resp: 39709
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 29.7 21.8 32.8

Instrument :
BNA_N
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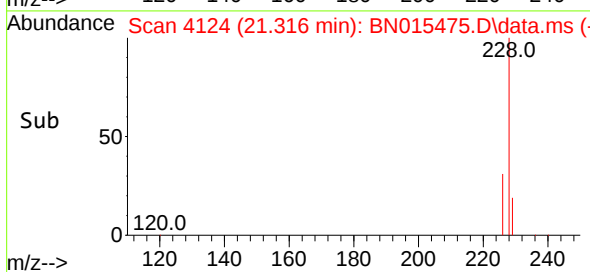
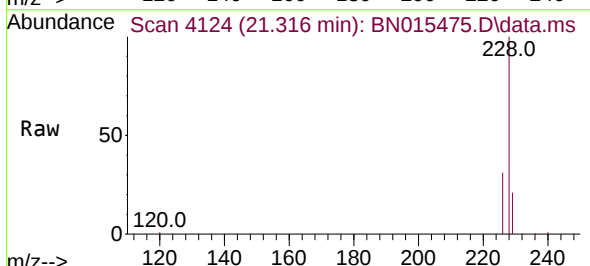
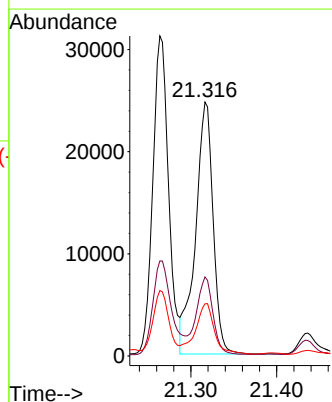
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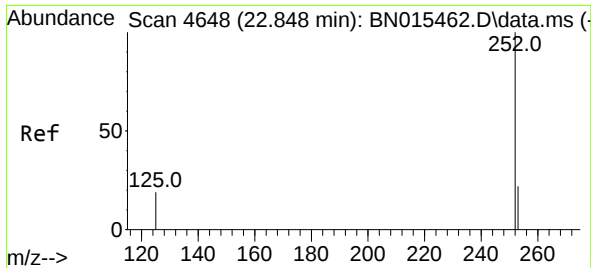
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#22
Chrysene
Concen: 0.63 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion:228 Resp: 35062
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.5 15.7 23.5





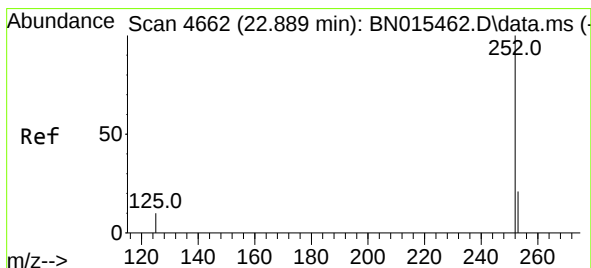
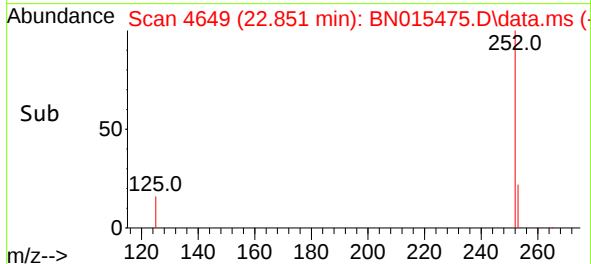
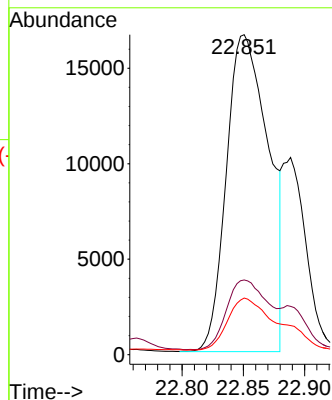
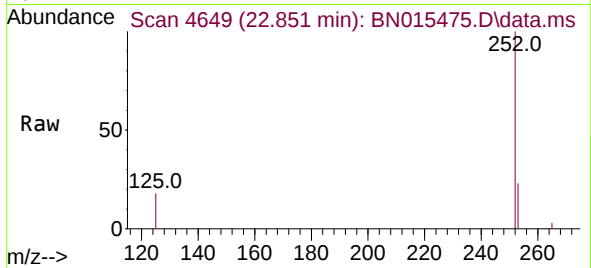
#24
Benzo(b)fluoranthene
Concen: 0.78 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion:252 Resp: 39703
Ion Ratio Lower Upper
252 100
253 23.4 0.0 45.6
125 17.7 0.0 28.4

Instrument :
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ClientSampleId :
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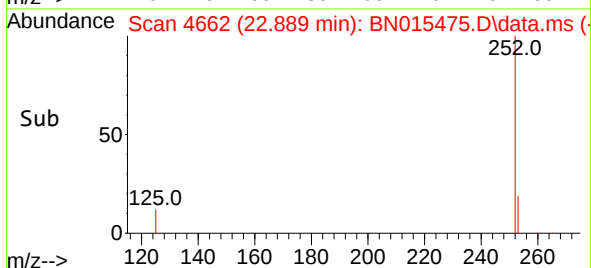
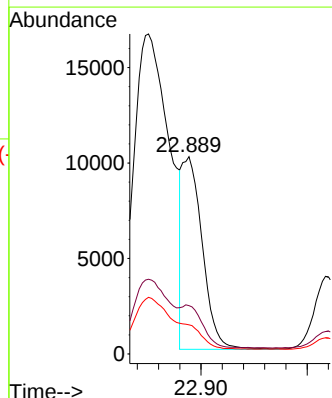
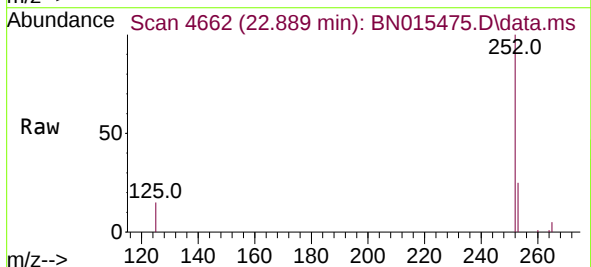
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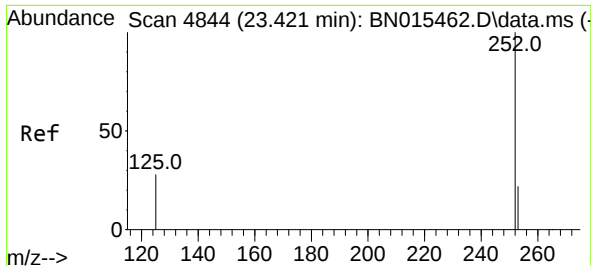
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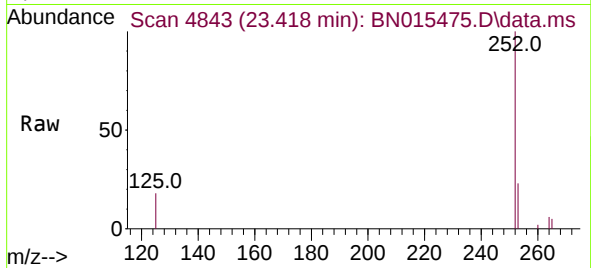
#25
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion:252 Resp: 13330
Ion Ratio Lower Upper
252 100
253 24.5 18.1 27.1
125 14.8 11.5 17.3

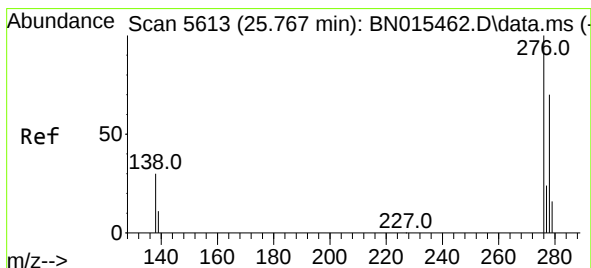
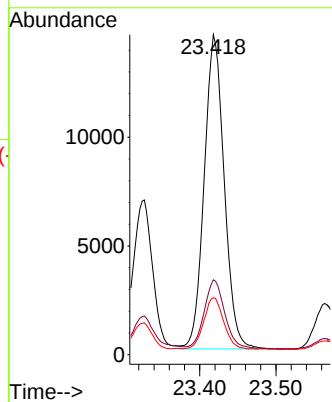
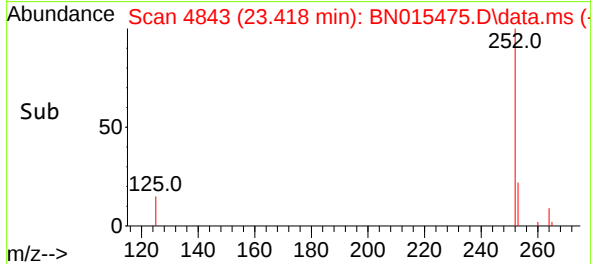




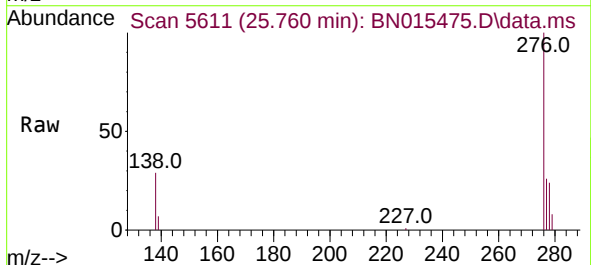
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Benzo(a)pyrene
Concen: 0.61 ng/ul
RT: 23.418 min Scan# 4843
Delta R.T. -0.011 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



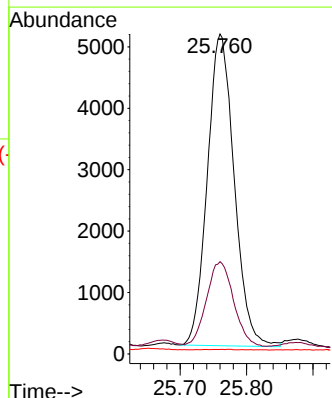
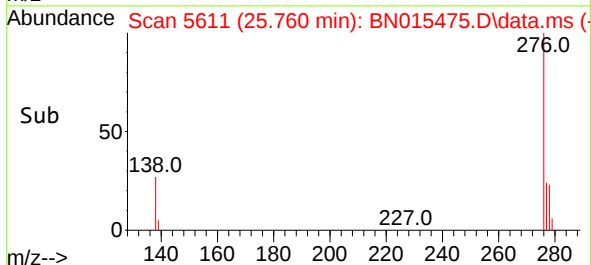
Tgt Ion:252 Resp: 26359
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 17.8 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng/ul
RT: 25.760 min Scan# 5611
Delta R.T. -0.016 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13



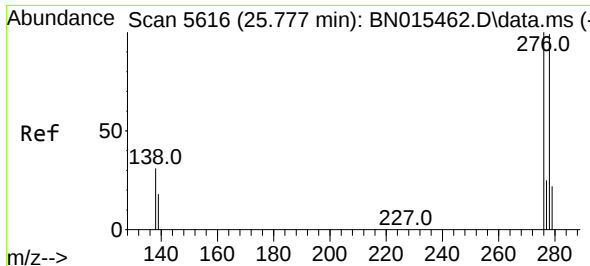
Tgt Ion:276 Resp: 14233
Ion Ratio Lower Upper
276 100
138 27.7 26.3 39.5
227 0.1 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDW5DL

Manual Integrations
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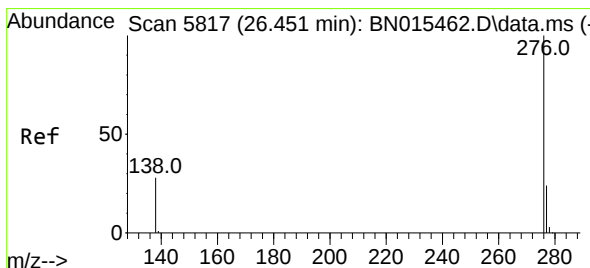
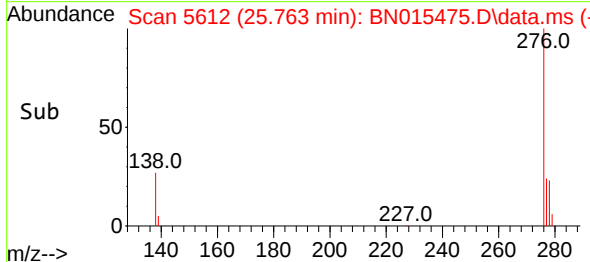
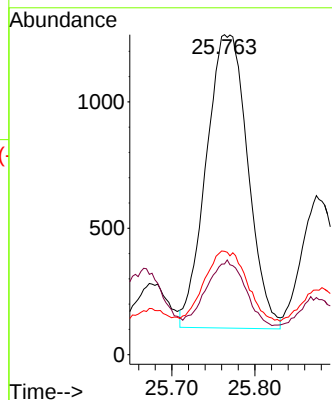
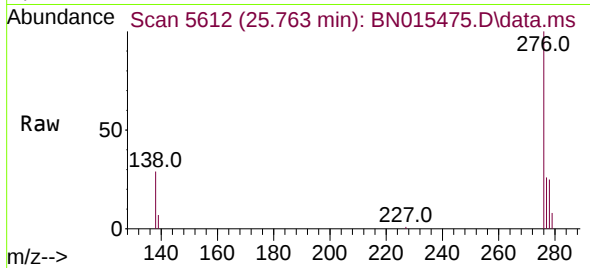
#28
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.026 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion: 278 Resp: 4043
Ion Ratio Lower Upper
278 100
139 28.4 18.9 28.3#
279 32.3 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGDW5DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.448 min Scan# 5816
Delta R.T. -0.016 min
Lab File: BN015475.D
Acq: 10 Jul 2021 09:13

Tgt Ion: 276 Resp: 2061
Ion Ratio Lower Upper
276 100
138 37.5 23.0 34.4#
277 32.6 19.3 28.9#

