

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015444.D
 Acq On : 09 Jul 2021 13:58
 Operator : CG/JU
 Sample : M2854-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8

Manual Integrations
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Quant Time: Jul 09 14:27:36 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	2526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	8953	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	5725	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9819	0.400	ng/ul	0.00
17) Chrysene-d12	21.290	240	7620	0.400	ng/ul	# 0.00
23) Perylene-d12	23.529	264	8796	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7468	2.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	3217	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.123	212	7564	0.302	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.529	128	150364	5.264	ng/ul	98
7) 2-Methylnaphthalene	12.146	142	39050	2.089	ng/ul	99
8) 1-Methylnaphthalene	12.366	142	33400	1.848	ng/ul	99
10) Acenaphthylene	14.053	152	377561	12.756	ng/ul	99
11) Acenaphthene	14.400	153	85875	3.786	ng/ul	99
12) Fluorene	15.390	166	303751	12.119	ng/ul	99
14) Pentachlorophenol	16.740	266	47	0.022	ng/ul	96
15) Phenanthrene	17.132	178	2857883	80.193	ng/ul	100
16) Anthracene	17.221	178	979642	31.179	ng/ul	99
19) Fluoranthene	19.155	202	3437554	97.627	ng/ul	98
20) Pyrene	19.518	202	2553213	72.300	ng/ul	98
21) Benzo(a)anthracene	21.273	228	1507778	53.416	ng/ul	95
22) Chrysene	21.325	228	1311488	38.811	ng/ul	98
24) Benzo(b)fluoranthene	22.862	252	1384471m	33.692	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	608137m	13.112	ng/ul	
26) Benzo(a)pyrene	23.435	252	801726	23.229	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.780	276	528843	12.687	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.787	278	170643	5.221	ng/ul	97
29) Benzo(g,h,i)perylene	26.468	276	34135	0.884	ng/ul#	91

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

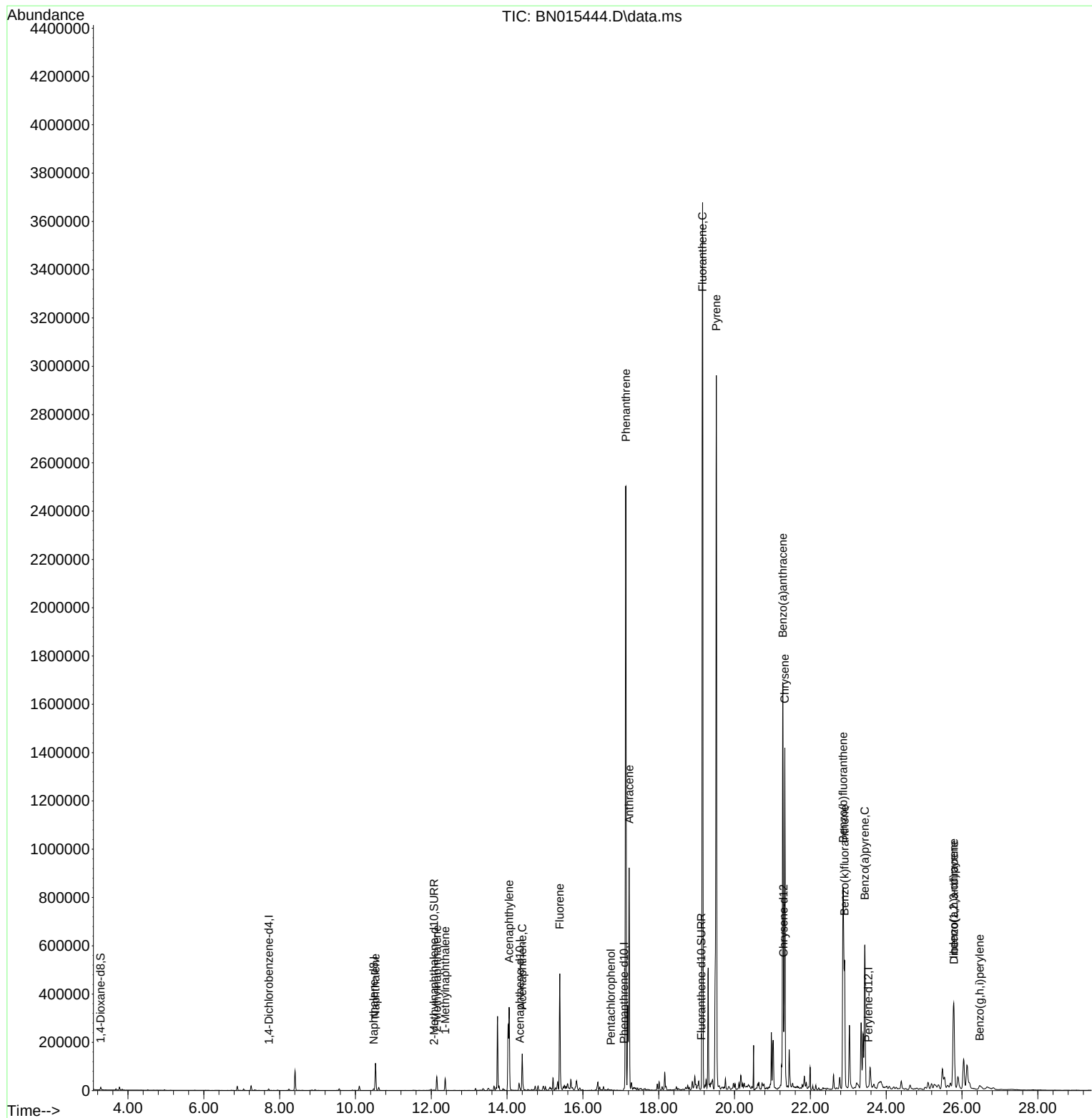
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
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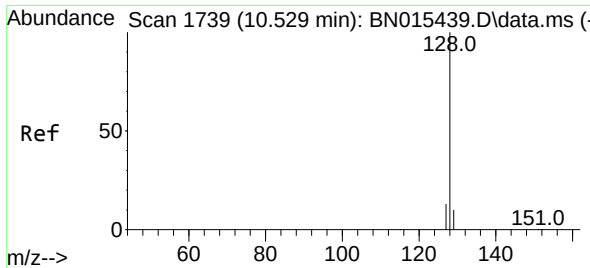
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ClientSampleId :
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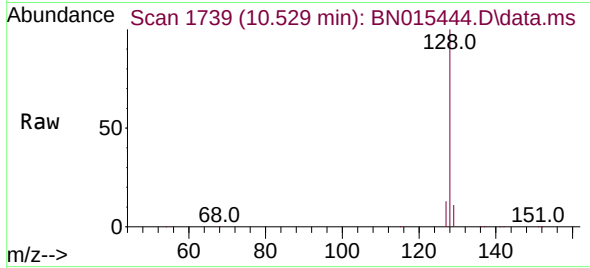
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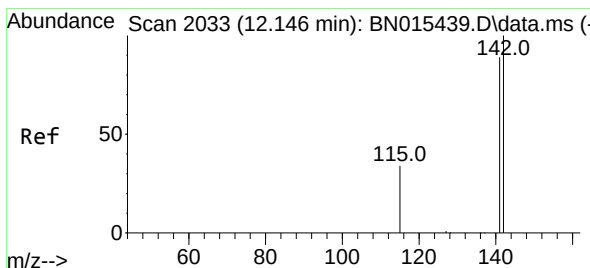
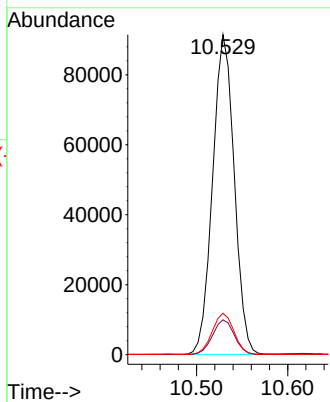
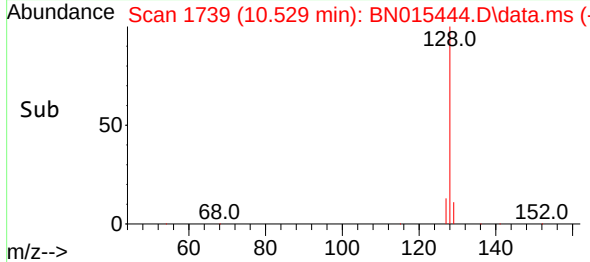




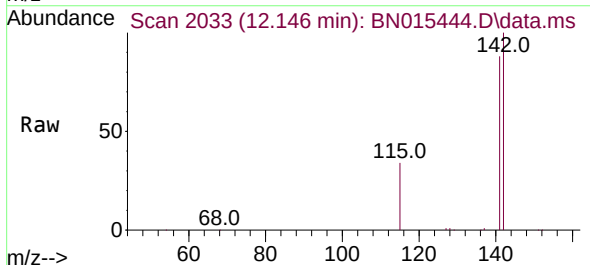
#5
Naphthalene
Concen: 5.264 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



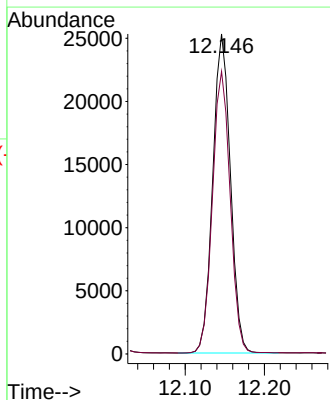
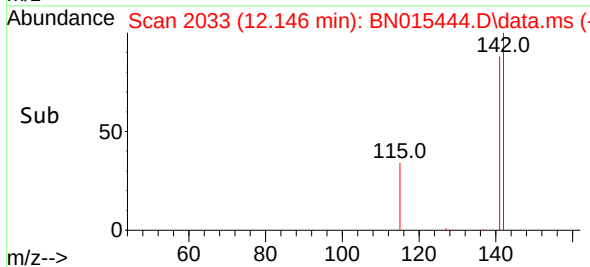
Tgt Ion:128 Resp: 150364
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 10.8 16.2



#7
2-Methylnaphthalene
Concen: 2.089 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



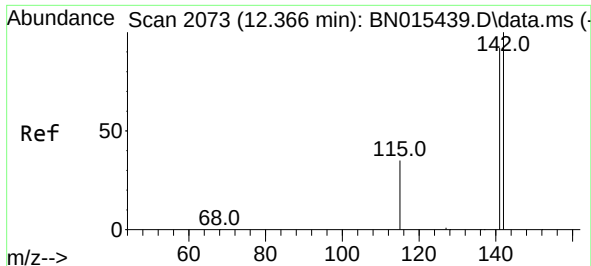
Tgt Ion:142 Resp: 39050
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



Instrument :
BNA_N
ClientSampleId :
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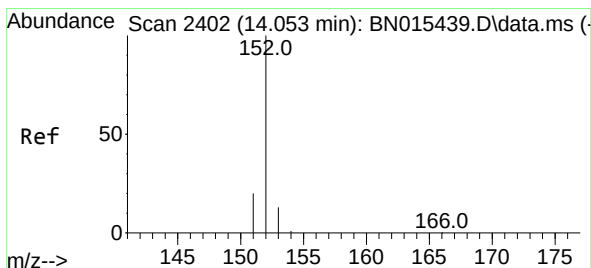
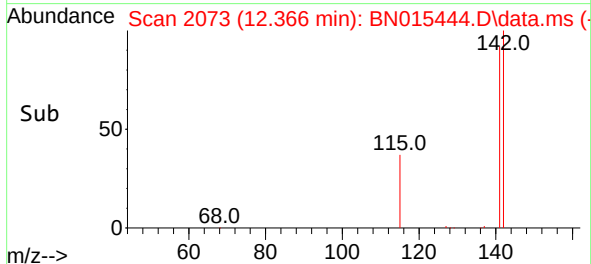
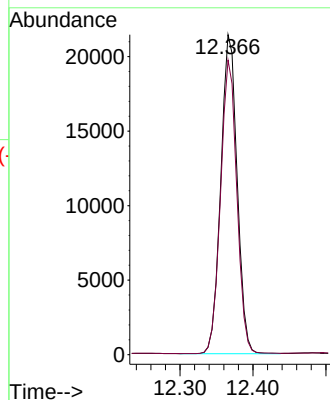
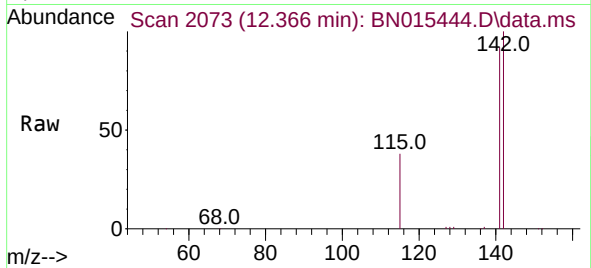
#8
1-Methylnaphthalene
Concen: 1.848 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58

Tgt Ion:142 Resp: 33400
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

Instrument :
BNA_N
ClientSampled :
BGDS8

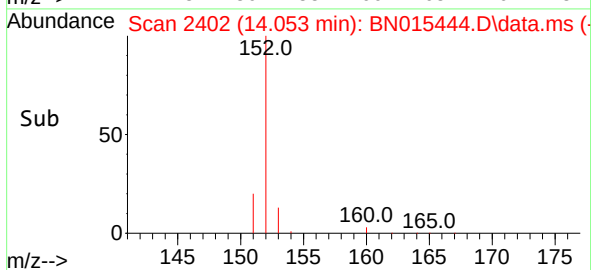
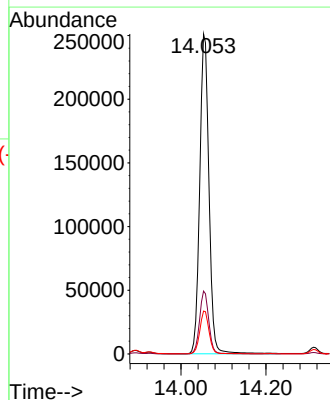
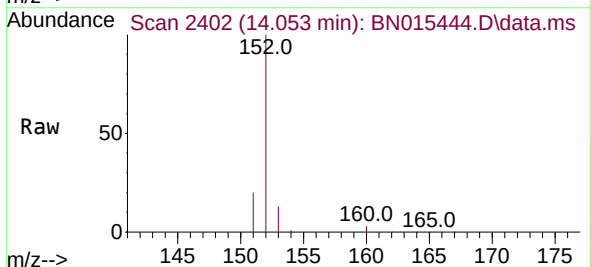
Manual Integrations
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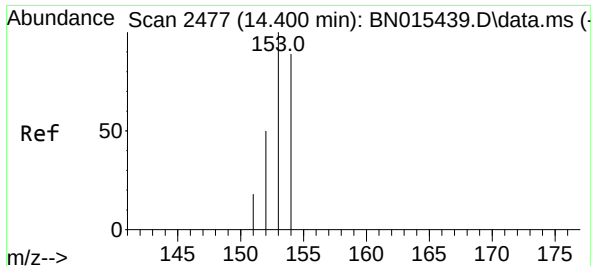
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#10
Acenaphthylene
Concen: 12.756 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58

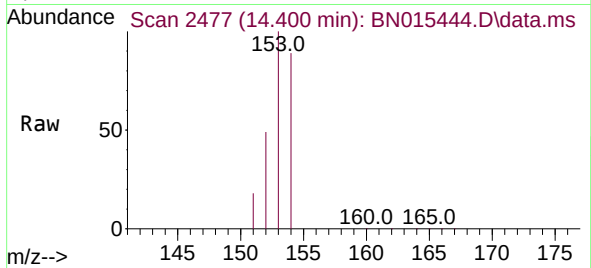
Tgt Ion:152 Resp: 377561
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.4 10.9 16.3



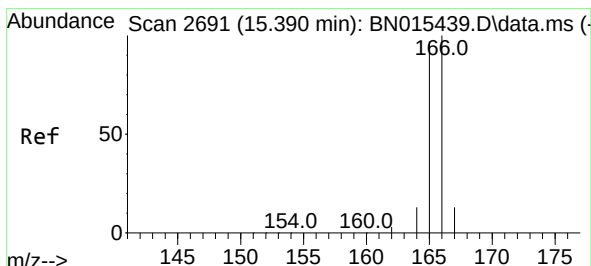
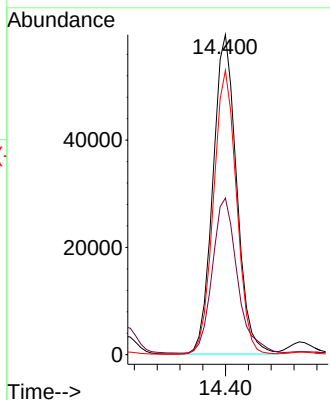
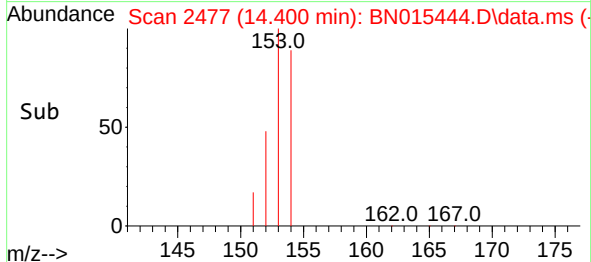


#11
Acenaphthene
Concen: 3.786 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58

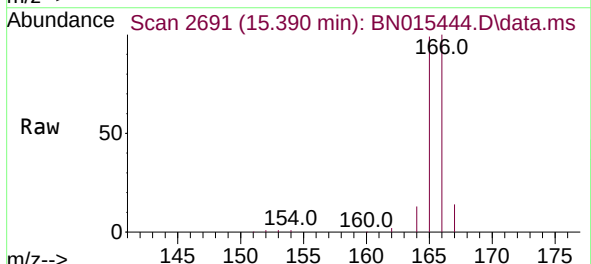
Instrument :
BNA_N
ClientSampleId :
BGDS8



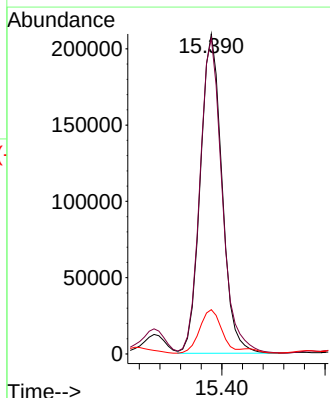
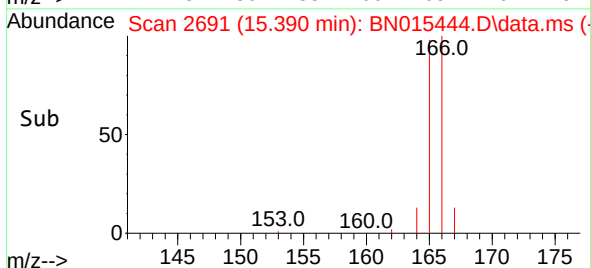
Tgt Ion:153 Resp: 85875
Ion Ratio Lower Upper
153 100
152 48.9 39.8 59.6
154 88.8 69.8 104.8

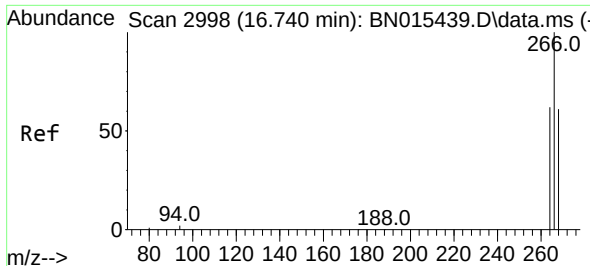


#12
Fluorene
Concen: 12.119 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



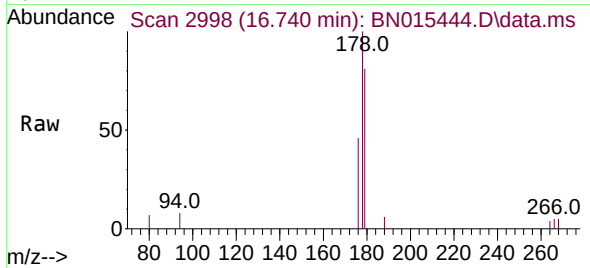
Tgt Ion:166 Resp: 303751
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 13.8 11.2 16.8





#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.740 min Scan# 2998
 Delta R.T. 0.000 min
 Lab File: BN015444.D
 Acq: 09 Jul 2021 13:58

Instrument :
 BNA_N
 ClientSampled :
 BGDS8

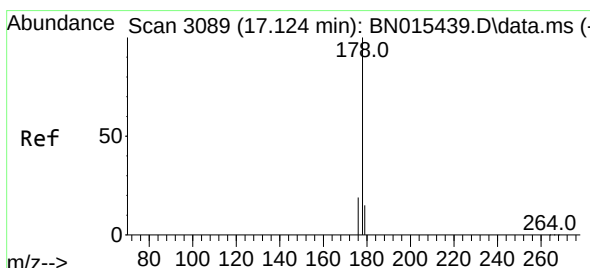
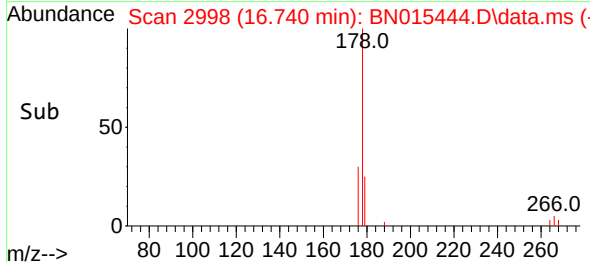
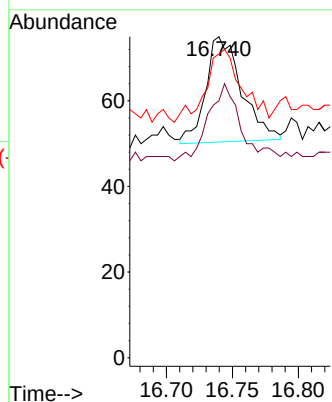


Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	66.0	50.2	75.2
268	68.1	51.8	77.6

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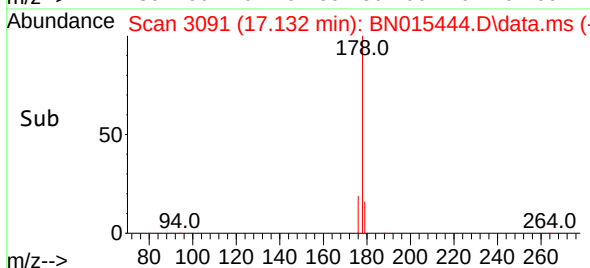
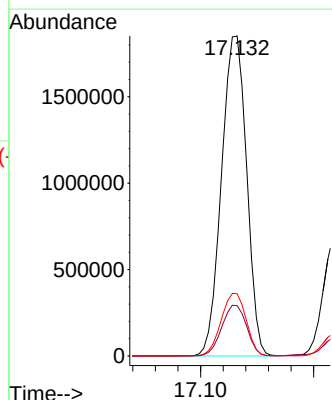
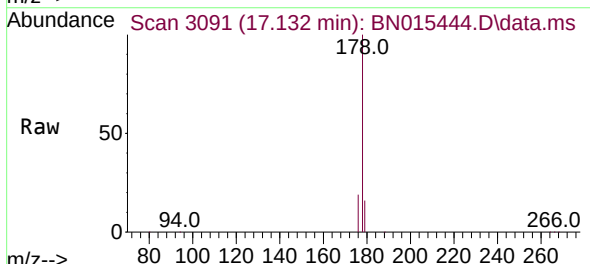
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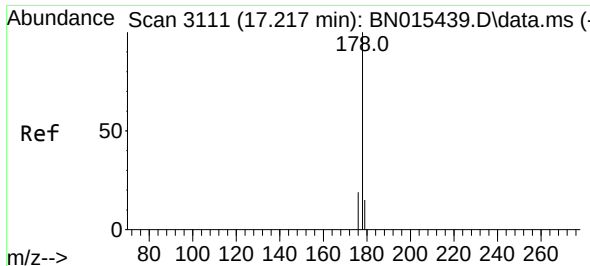


#15
 Phenanthrene
 Concen: 80.193 ng/ul
 RT: 17.132 min Scan# 3091
 Delta R.T. 0.004 min
 Lab File: BN015444.D
 Acq: 09 Jul 2021 13:58

Tgt Ion:178 Resp: 2857883

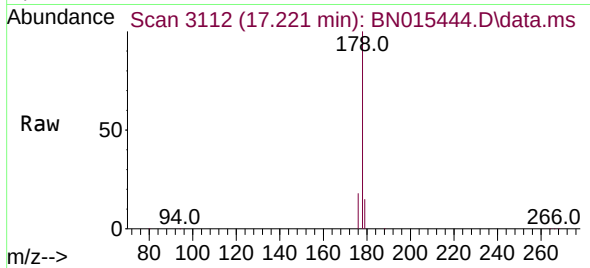
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	15.5	23.3





#16
 Anthracene
 Concen: 31.179 ng/uI
 RT: 17.221 min Scan# 3112
 Delta R.T. 0.004 min
 Lab File: BN015444.D
 Acq: 09 Jul 2021 13:58

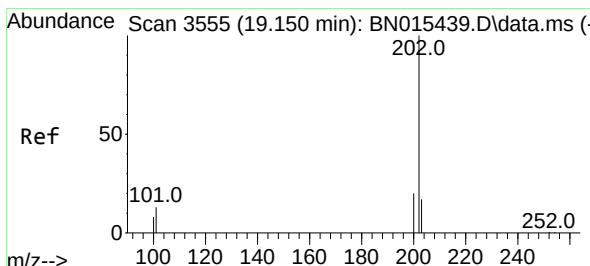
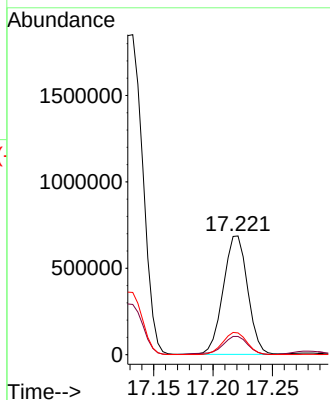
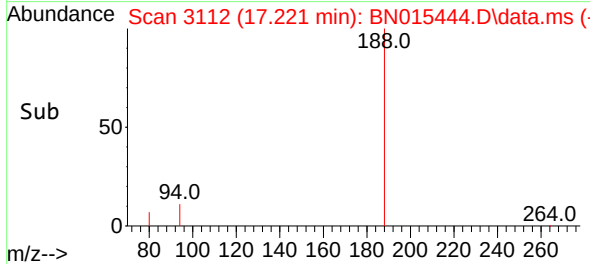
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 BNA_N
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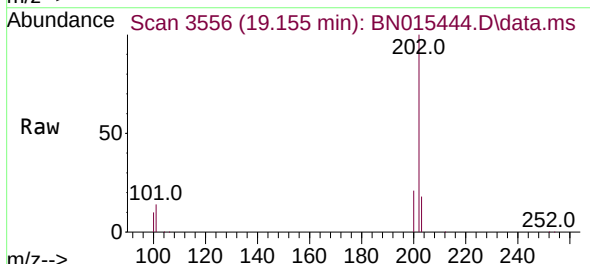
Tgt Ion:178 Resp: 979642
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.8 19.2
 176 18.4 15.2 22.8

Manual Integrations
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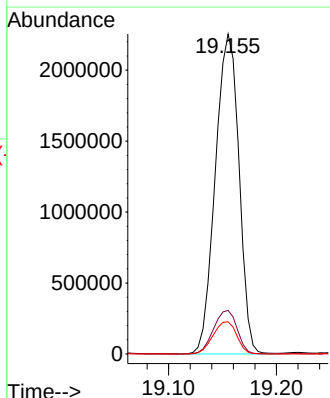
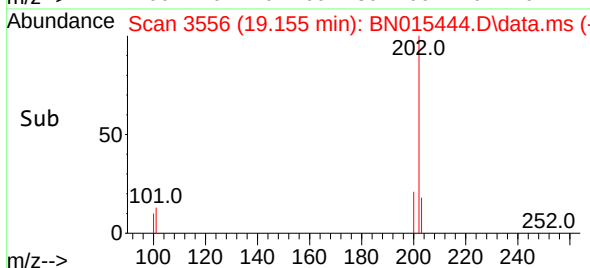
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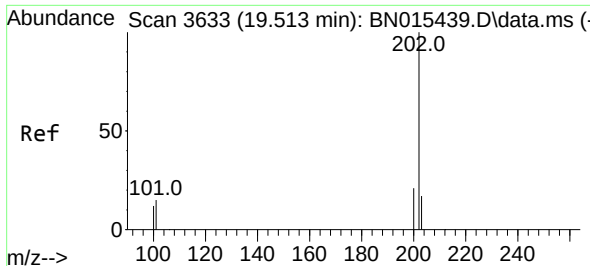


#19
 Fluoranthene
 Concen: 97.627 ng/uI
 RT: 19.155 min Scan# 3556
 Delta R.T. 0.005 min
 Lab File: BN015444.D
 Acq: 09 Jul 2021 13:58



Tgt Ion:202 Resp: 3437554
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.1 15.1
 100 10.0 7.4 11.0





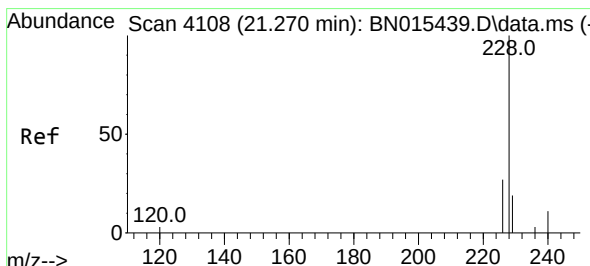
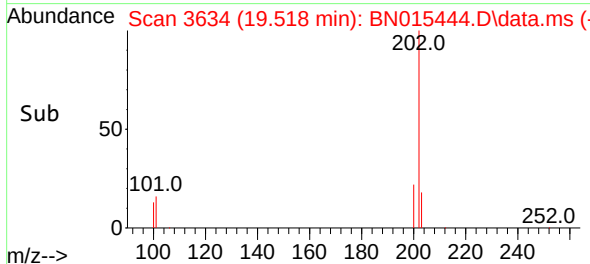
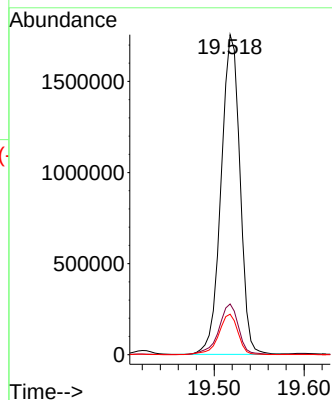
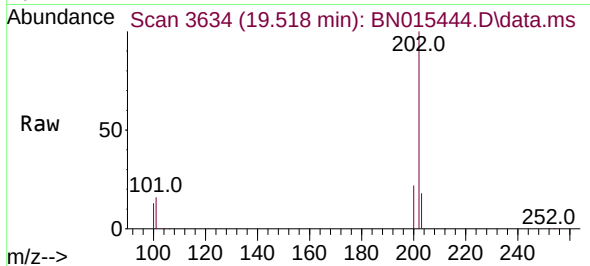
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Pyrene
Concen: 72.300 ng/ul
RT: 19.518 min Scan# 3634
Delta R.T. 0.001 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58

Tgt Ion:202 Resp: 2553213
Ion Ratio Lower Upper
202 100
101 15.9 12.0 18.0
100 12.6 9.6 14.4

Instrument :
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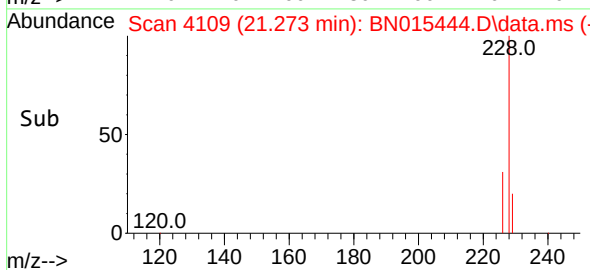
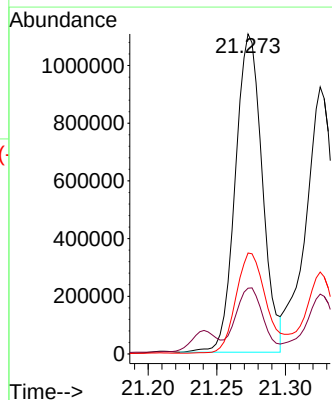
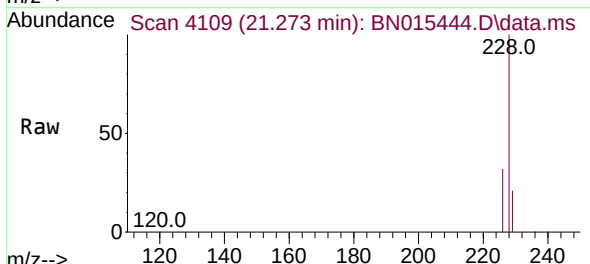
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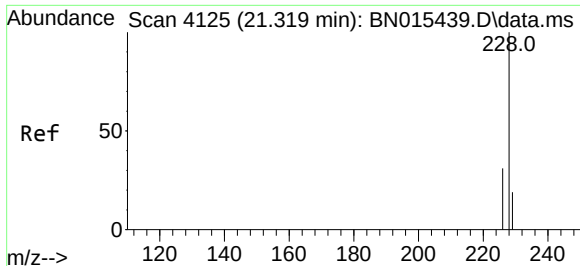
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7/9/2021 3:05:04 PM



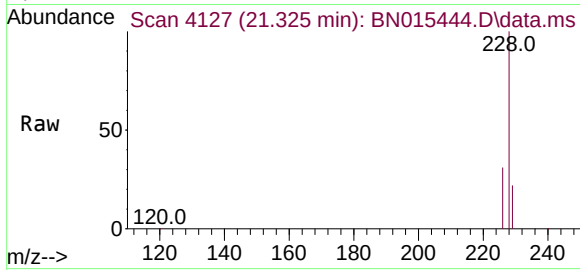
#21
Benzo(a)anthracene
Concen: 53.416 ng/ul
RT: 21.273 min Scan# 4109
Delta R.T. 0.001 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58

Tgt Ion:228 Resp: 1507778
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 31.6 21.8 32.8

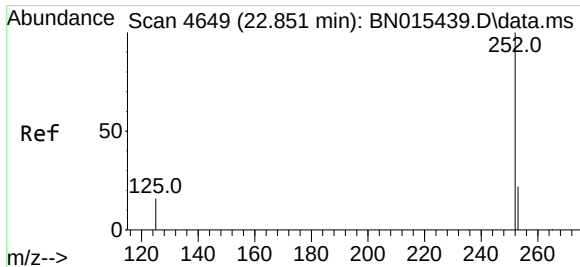
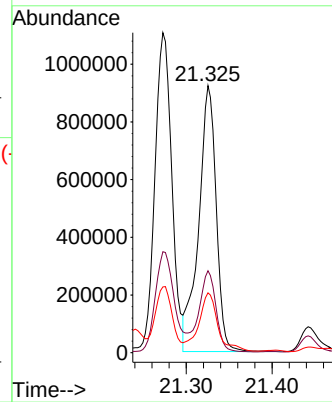
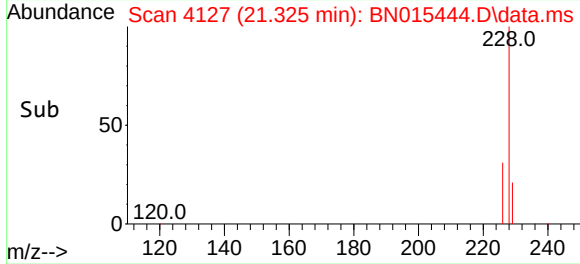




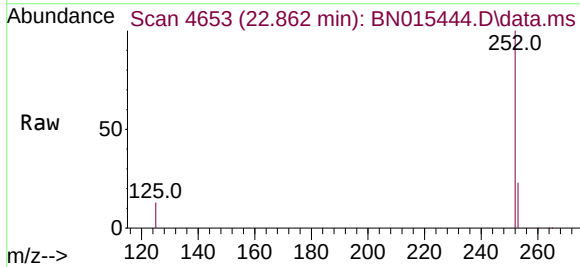
#22
Chrysene
Concen: 38.811 ng/ul
RT: 21.325 min Scan# 4127
Delta R.T. 0.004 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



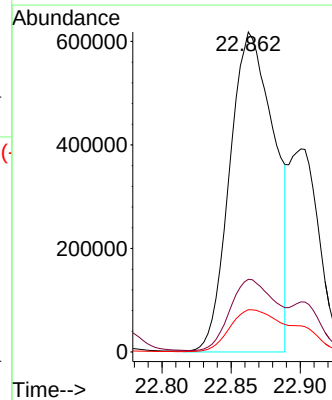
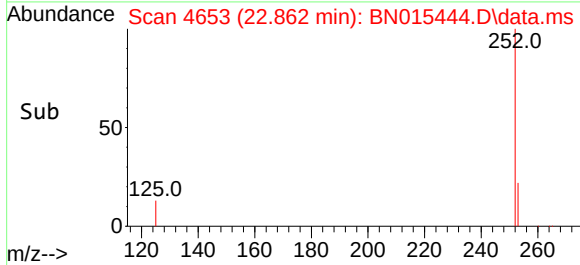
Tgt Ion:228 Resp: 1311488
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 33.692 ng/ul m
RT: 22.862 min Scan# 4653
Delta R.T. 0.006 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



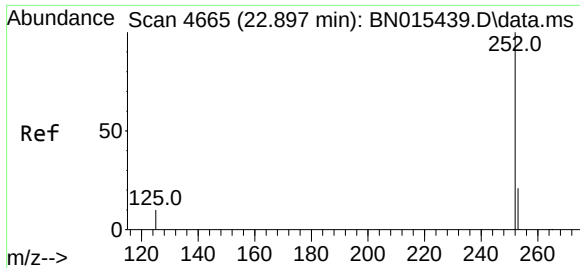
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Ion Ratio Lower Upper
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253 22.7 0.0 45.6
125 13.2 0.0 28.4



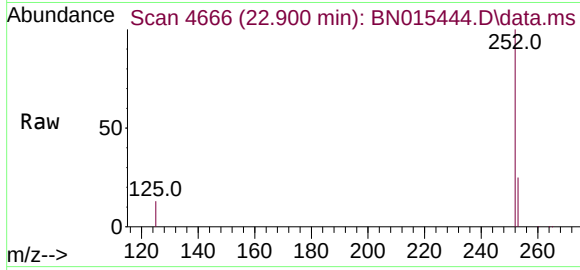
Instrument :
BNA_N
ClientSampled :
BGDS8

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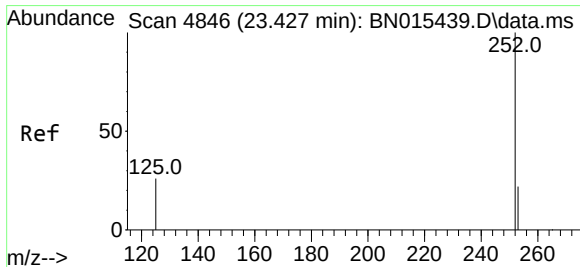
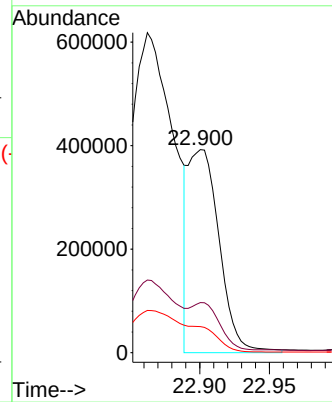
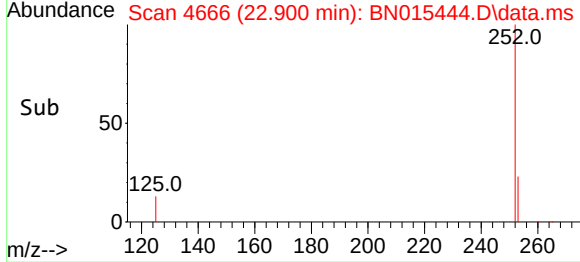
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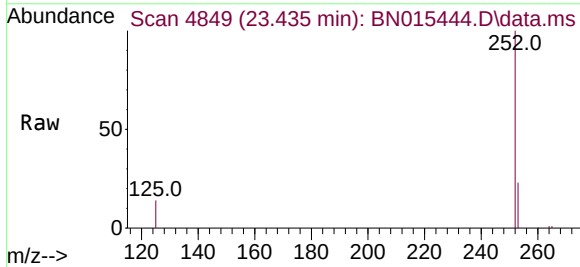
#25
Benzo(k)fluoranthene
Concen: 13.112 ng/ul m
RT: 22.900 min Scan# 4666
Delta R.T. 0.001 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



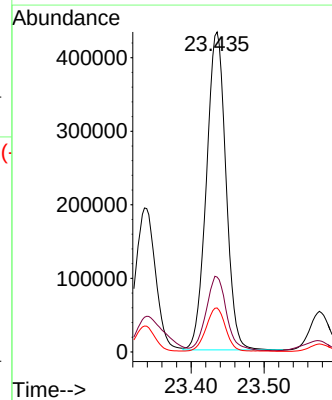
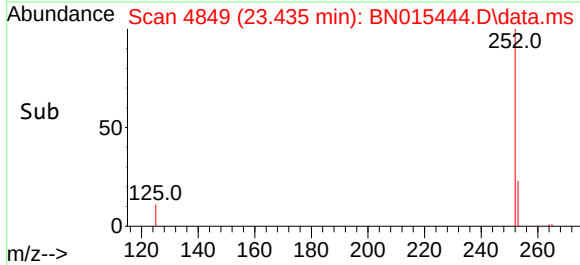
Tgt Ion:252 Resp: 608137
Ion Ratio Lower Upper
252 100
253 24.7 18.1 27.1
125 12.8 11.5 17.3



#26
Benzo(a)pyrene
Concen: 23.229 ng/ul
RT: 23.435 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



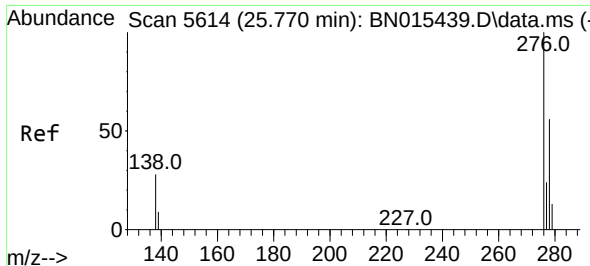
Tgt Ion:252 Resp: 801726
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 13.8 13.5 20.3



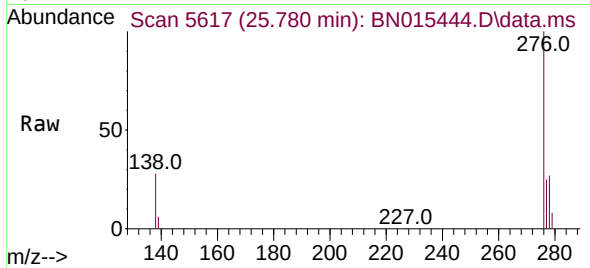
Instrument :
BNA_N
ClientSampleId :
BGDS8

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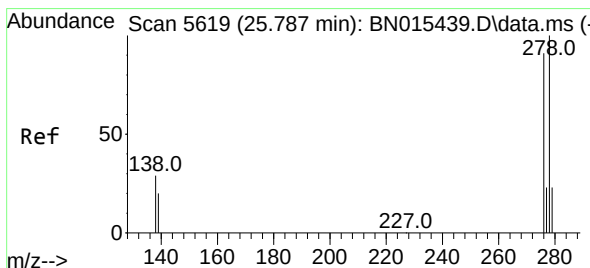
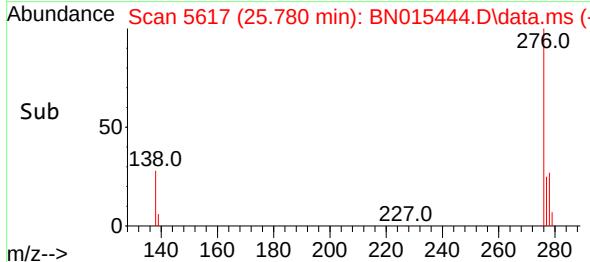
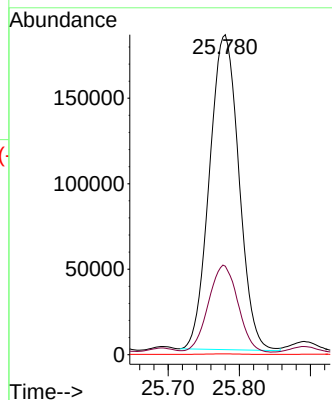
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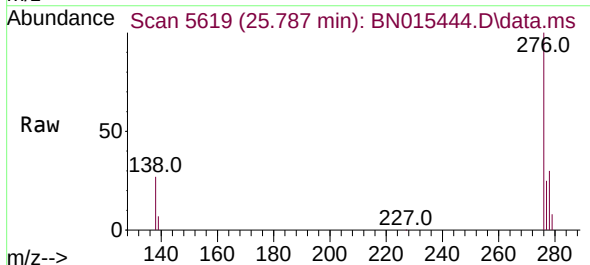
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.687 ng/ul
RT: 25.780 min Scan# 5617
Delta R.T. 0.004 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



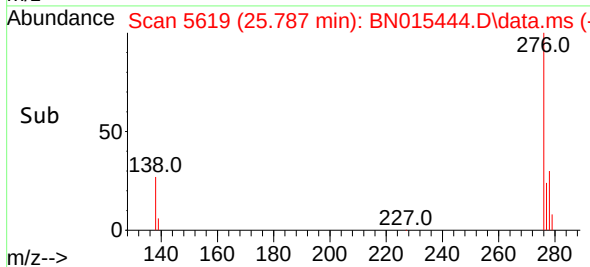
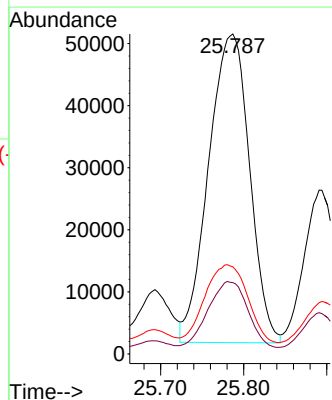
Tgt Ion:276 Resp: 528843
Ion Ratio Lower Upper
276 100
138 28.0 26.3 39.5
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 5.221 ng/ul
RT: 25.787 min Scan# 5619
Delta R.T. -0.003 min
Lab File: BN015444.D
Acq: 09 Jul 2021 13:58



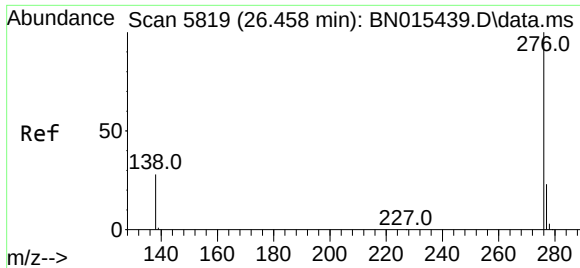
Tgt Ion:278 Resp: 170643
Ion Ratio Lower Upper
278 100
139 22.3 18.9 28.3
279 27.2 20.8 31.2



Instrument :
BNA_N
ClientSampled :
BGDS8

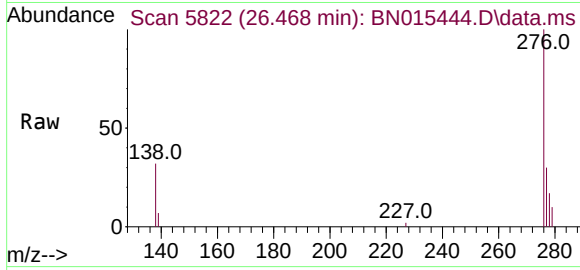
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#29
 Benzo(g,h,i)perylene
 Concen: 0.884 ng/ul
 RT: 26.468 min Scan# 5822
 Delta R.T. 0.004 min
 Lab File: BN015444.D
 Acq: 09 Jul 2021 13:58

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8



Tgt Ion:	276	Resp:	34135
Ion Ratio	Lower	Upper	
276	100		
138	31.9	23.0	34.4
277	30.2	19.3	28.9#

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