

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
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mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:28:40 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	3214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6095	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	11925	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	9612	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	9031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1500	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	645	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	1527	0.048	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.529	128	30618	0.860	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	7730	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	6675	0.296	ng/ul	99
10) Acenaphthylene	14.053	152	77165	2.449	ng/ul	100
11) Acenaphthene	14.400	153	17504	0.725	ng/ul	99
12) Fluorene	15.390	166	63407	2.376	ng/ul	99
15) Phenanthrene	17.124	178	734361	16.967	ng/ul	100
16) Anthracene	17.217	178	213475	5.594	ng/ul	99
19) Fluoranthene	19.150	202	919923	20.712	ng/ul	99
20) Pyrene	19.513	202	641852	14.409	ng/ul	99
21) Benzo(a)anthracene	21.267	228	361156	10.143	ng/ul	97
22) Chrysene	21.319	228	304116	7.135	ng/ul	98
24) Benzo(b)fluoranthene	22.854	252	308677m	7.316	ng/ul	
25) Benzo(k)fluoranthene	22.892	252	132545m	2.783	ng/ul	
26) Benzo(a)pyrene	23.421	252	175125	4.942	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.767	276	110687	2.586	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.777	278	35391	1.055	ng/ul	98
29) Benzo(g,h,i)perylene	26.454	276	6879	0.173	ng/ul#	87

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

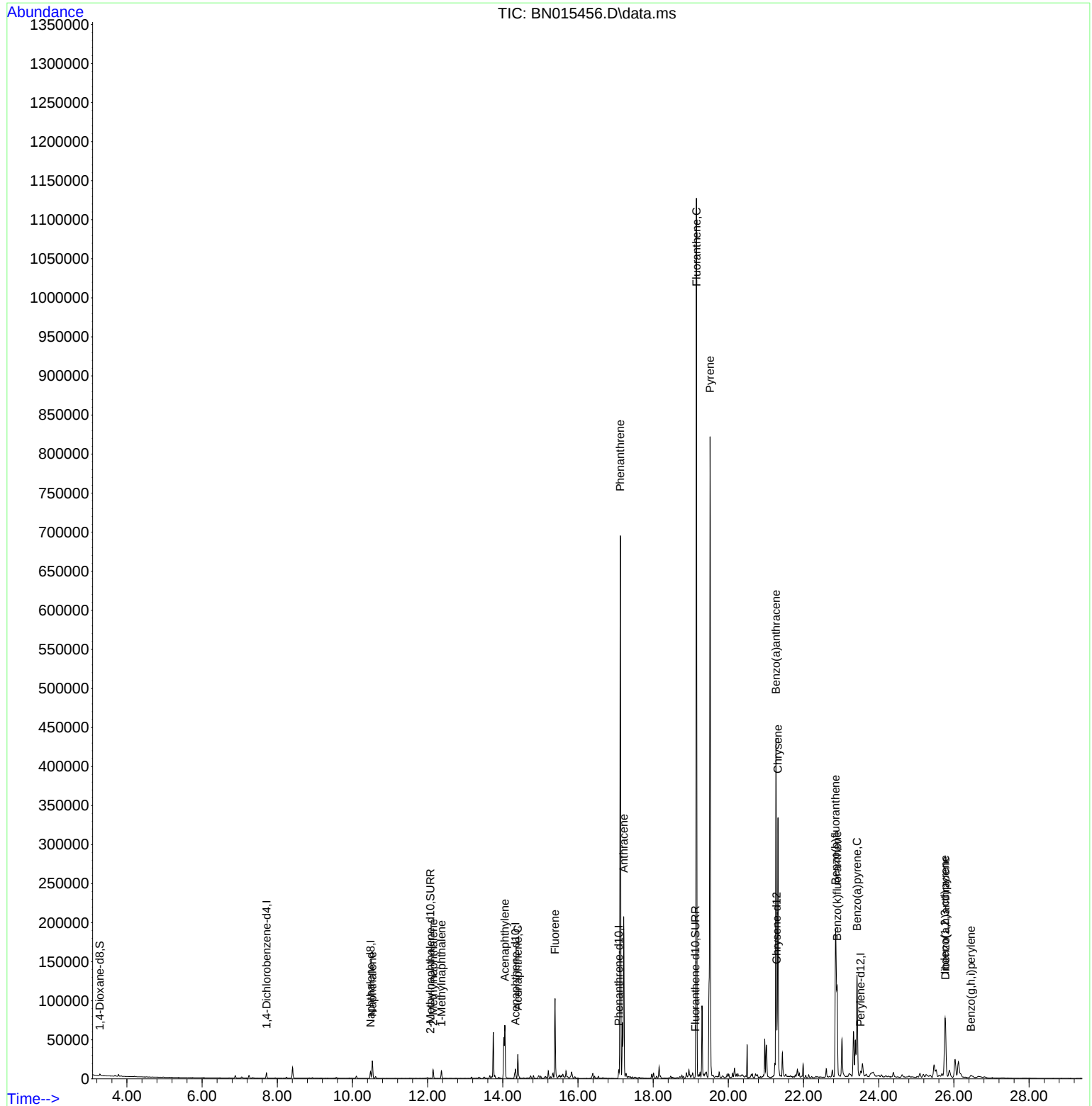
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
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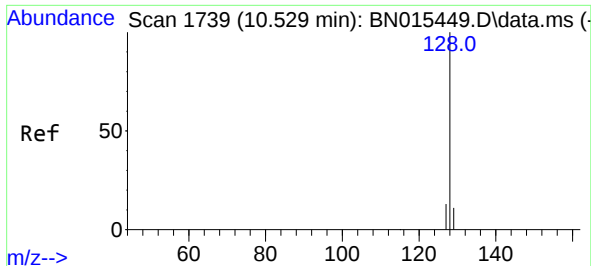
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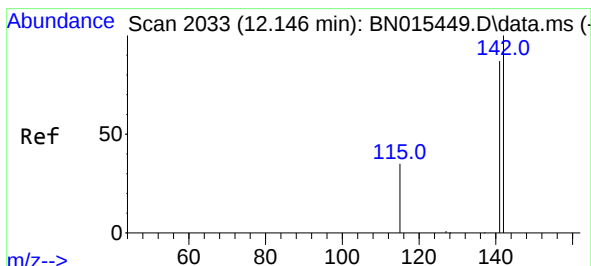
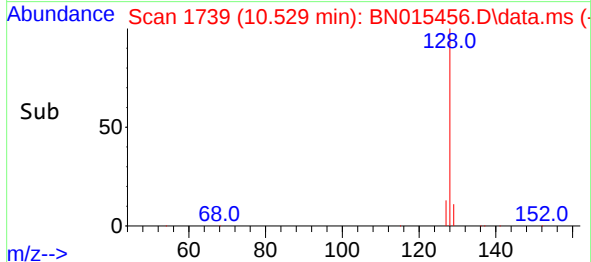
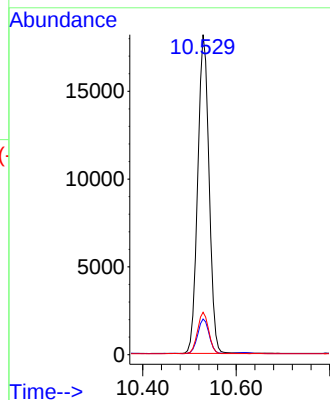
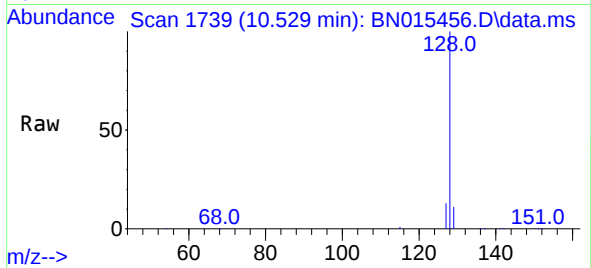
#5
Naphthalene
Concen: 0.860 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:128 Resp: 30618
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.3 10.8 16.2

Instrument :
BNA_N
ClientSampleId :
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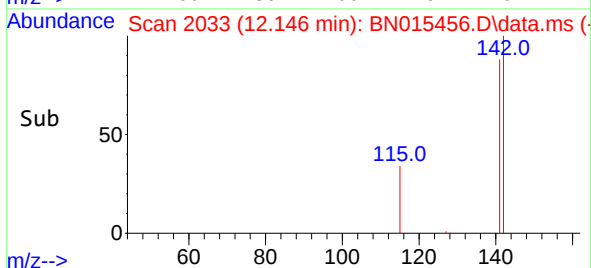
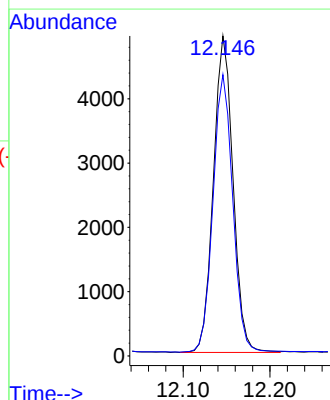
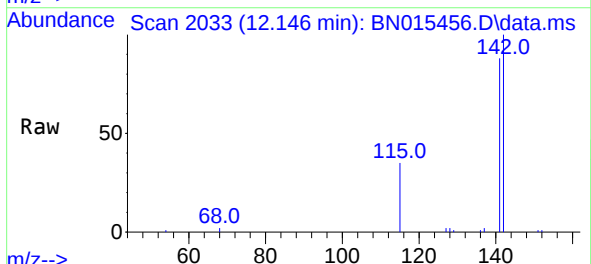
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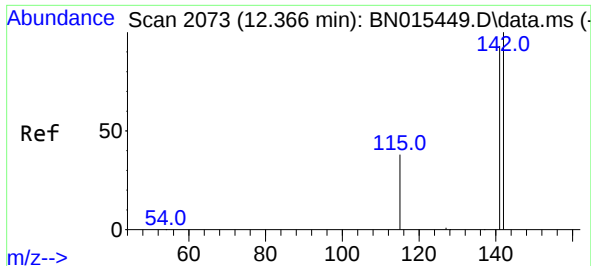
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#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:142 Resp: 7730
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





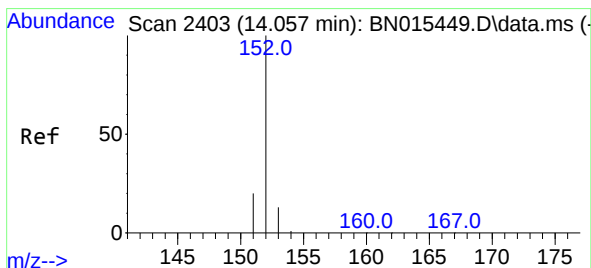
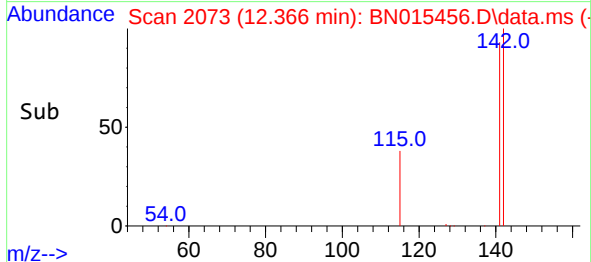
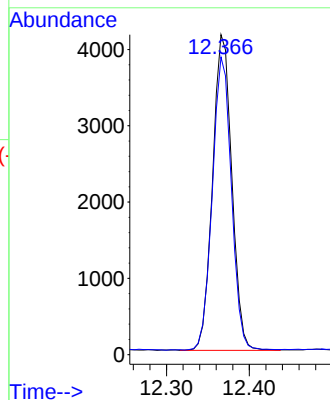
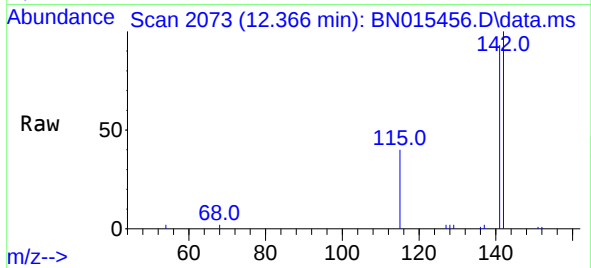
#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:142 Resp: 6675
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4

Instrument :
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ClientSampleId :
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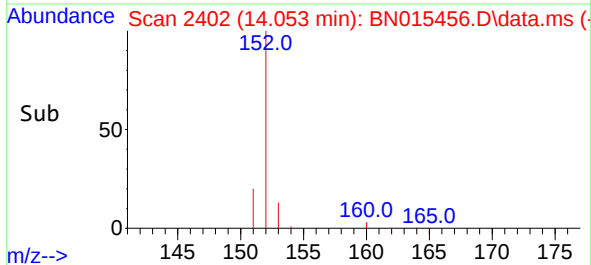
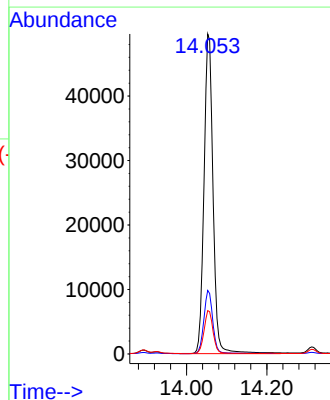
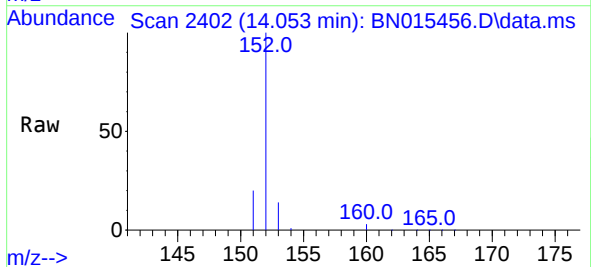
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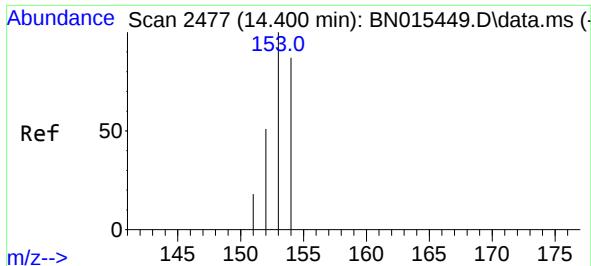
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#10
Acenaphthylene
Concen: 2.449 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

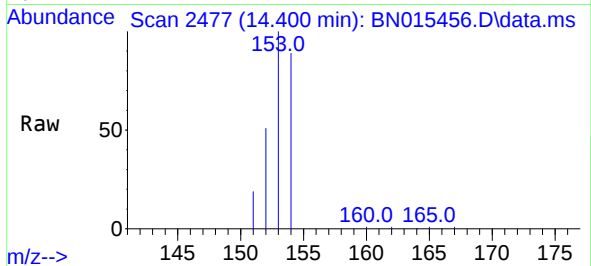
Tgt Ion:152 Resp: 77165
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.725 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

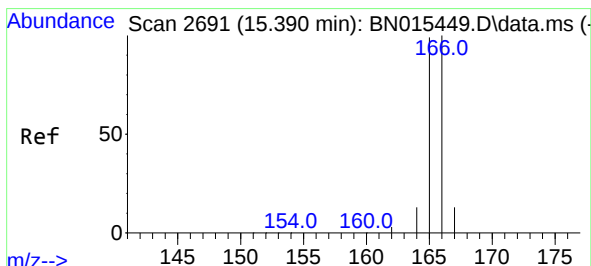
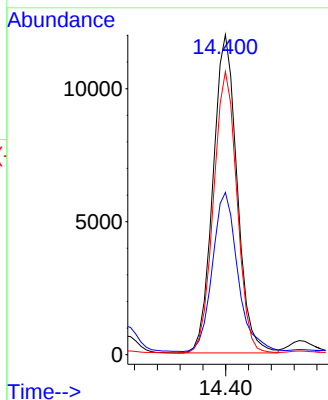
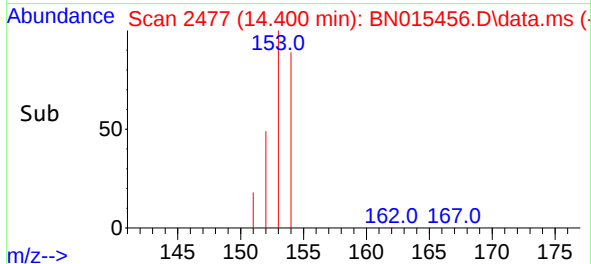
Instrument :
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ClientSampleId :
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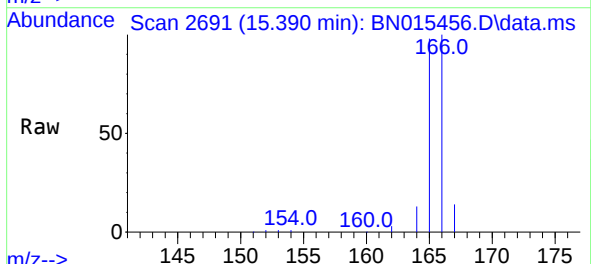
Tgt Ion:153 Resp: 17504
Ion Ratio Lower Upper
153 100
152 50.7 39.8 59.6
154 88.5 69.8 104.8

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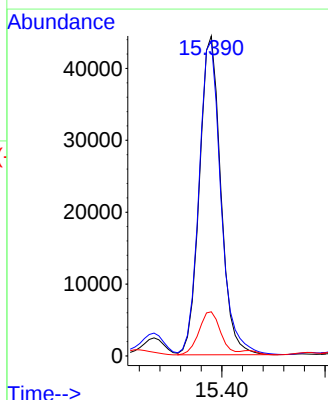
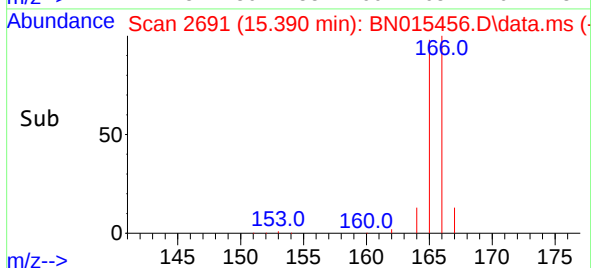
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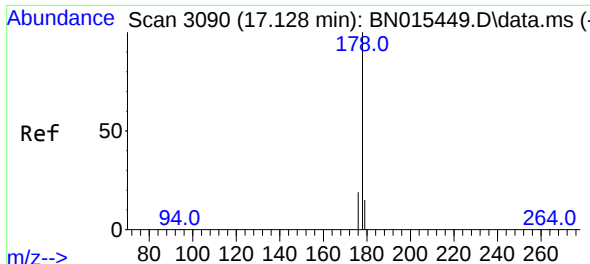


#12
Fluorene
Concen: 2.376 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14



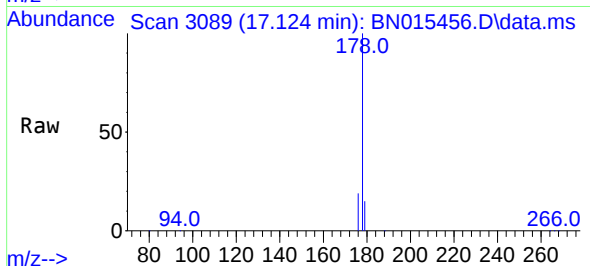
Tgt Ion:166 Resp: 63407
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.8 11.2 16.8





#15
Phenanthrene
Concen: 16.967 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

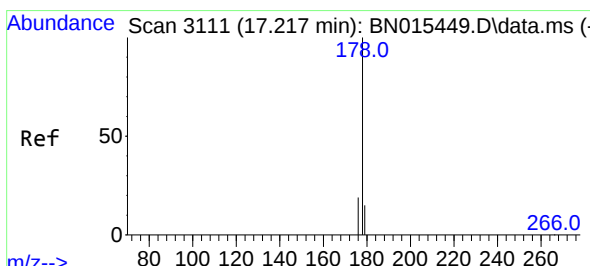
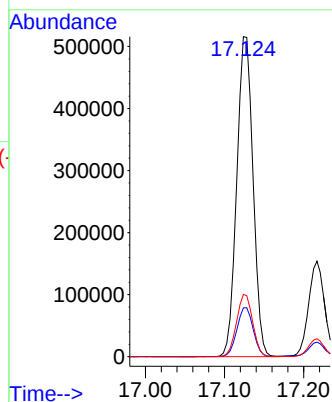
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ClientSampleId :
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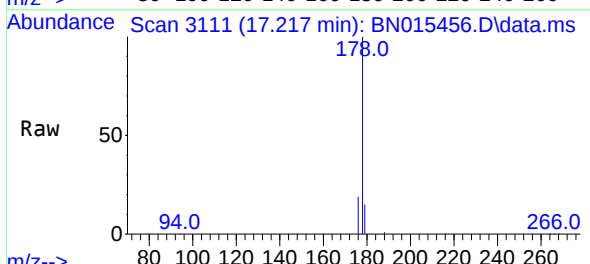
Tgt Ion:178 Resp: 734361
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.5 15.5 23.3

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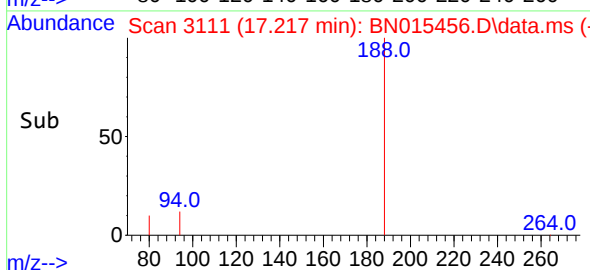
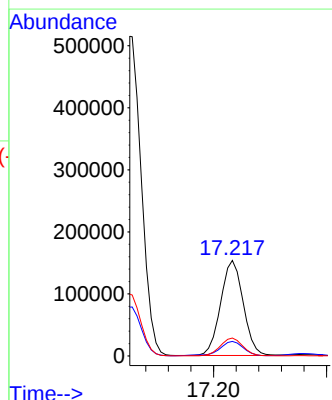
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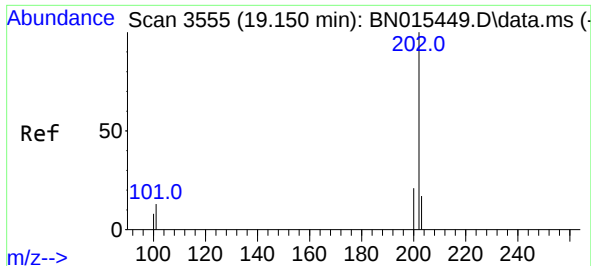


#16
Anthracene
Concen: 5.594 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

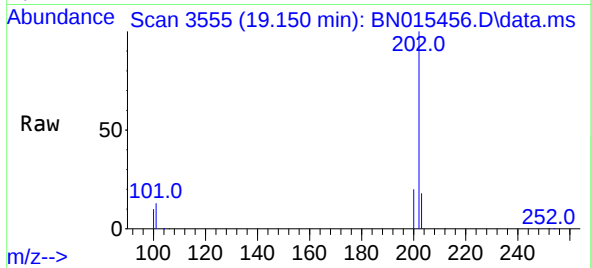


Tgt Ion:178 Resp: 213475
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 18.7 15.2 22.8

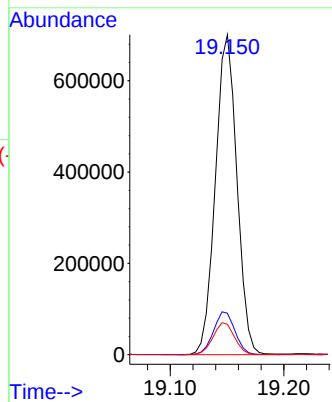




#19
Fluoranthene
Concen: 20.712 ng/u1
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14



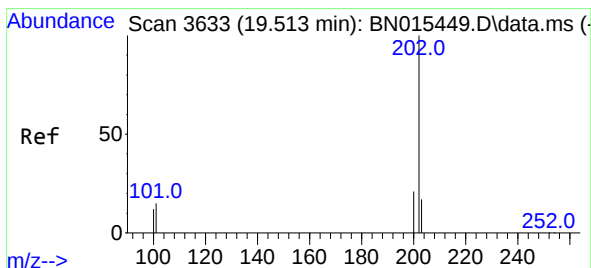
Tgt Ion:202 Resp: 919923
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.5 7.4 11.0



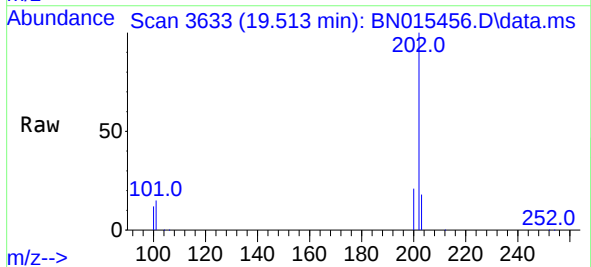
Instrument :
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ClientSampleId :
BGDS8DL

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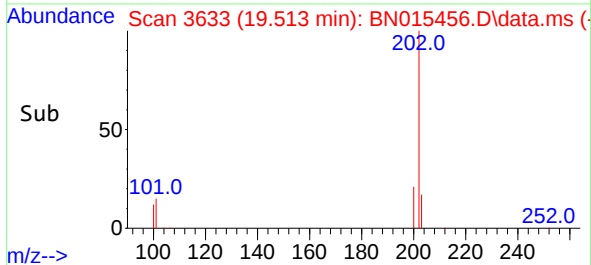
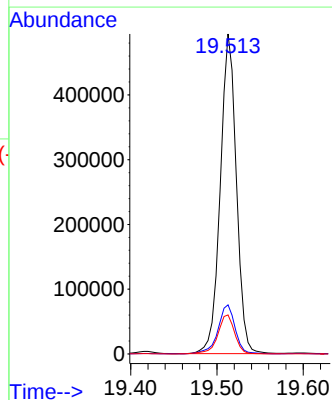
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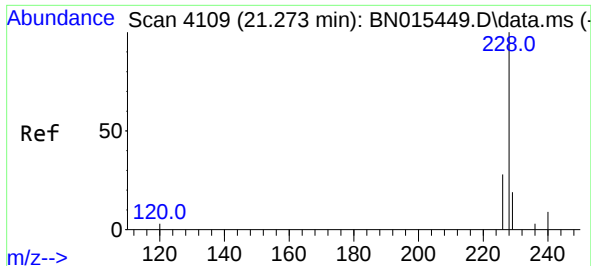


#20
Pyrene
Concen: 14.409 ng/u1
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14



Tgt Ion:202 Resp: 641852
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.2 9.6 14.4





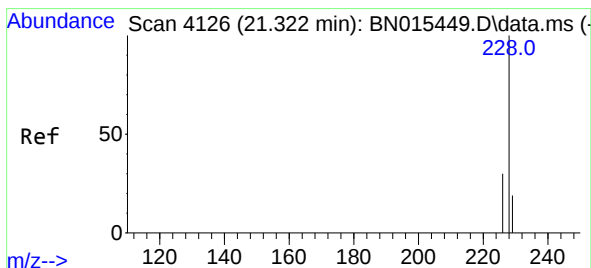
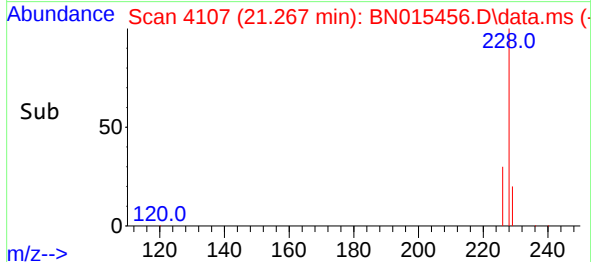
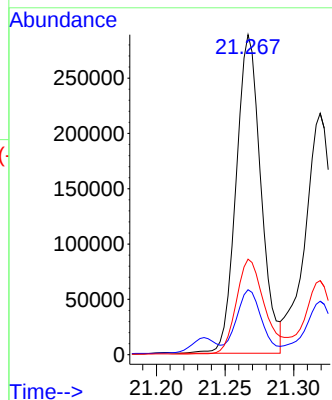
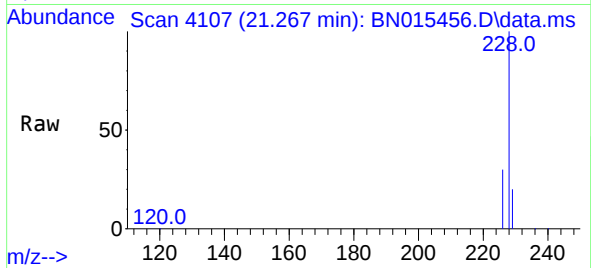
#21
Benzo(a)anthracene
Concen: 10.143 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:228	Resp:	361156
Ion Ratio	Lower	Upper
228	100	
229	20.3	15.8 23.8
226	29.9	21.8 32.8

Instrument :
BNA_N
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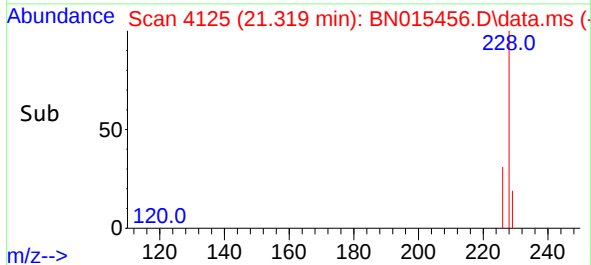
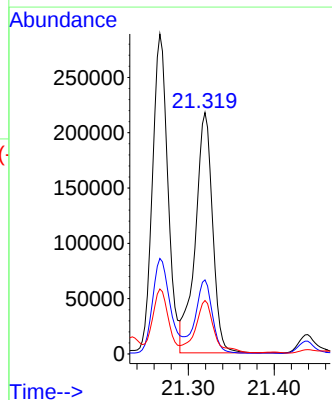
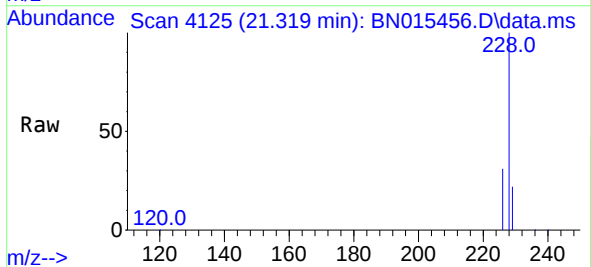
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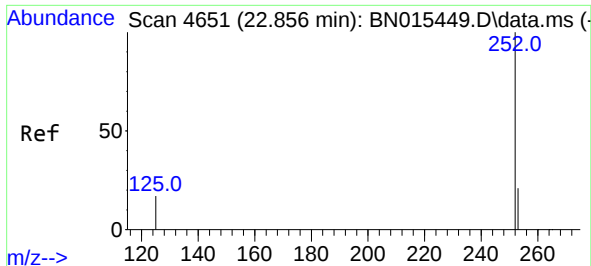
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#22
Chrysene
Concen: 7.135 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:228	Resp:	304116
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.6 37.0
229	22.2	15.7 23.5





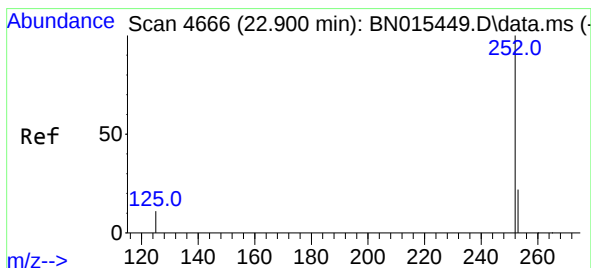
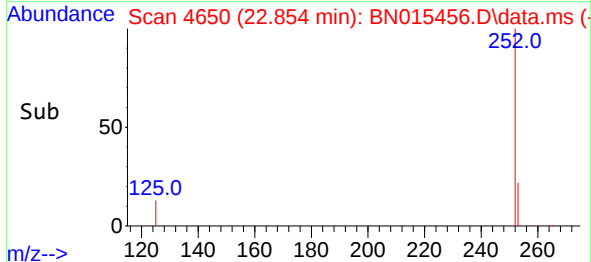
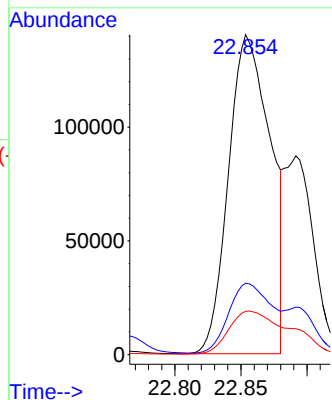
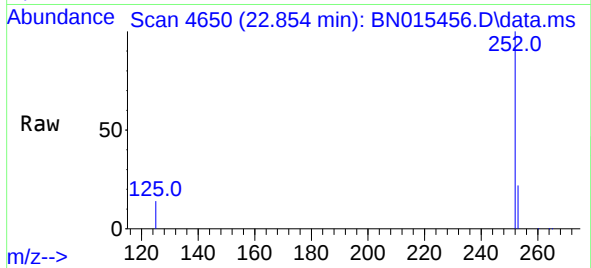
#24
Benzo(b)fluoranthene
Concen: 7.316 ng/ul m
RT: 22.854 min Scan# 4650
Delta R.T. -0.002 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:252 Resp: 308677
Ion Ratio Lower Upper
252 100
253 22.3 0.0 45.6
125 13.5 0.0 28.4

Instrument :
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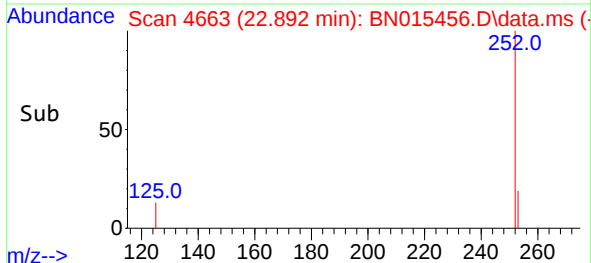
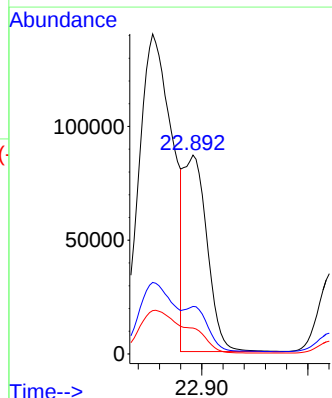
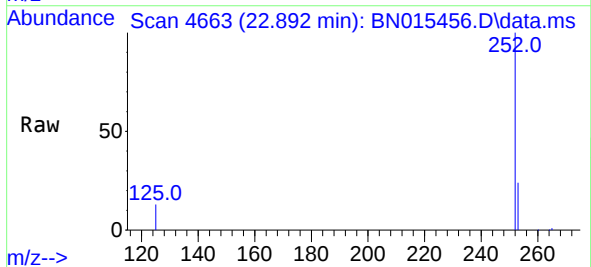
Manual Integrations
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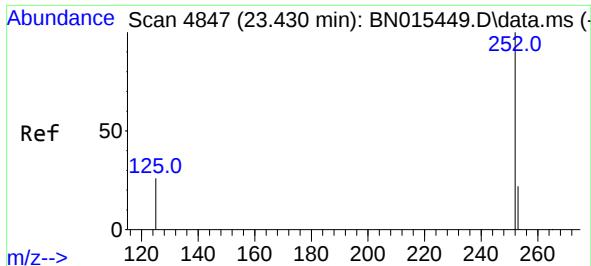
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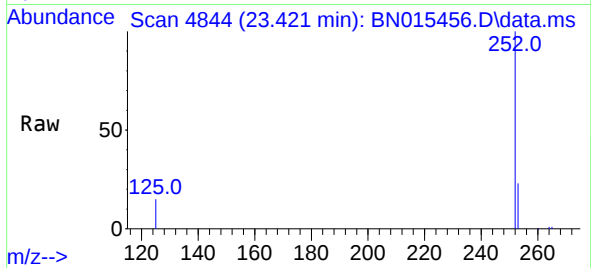
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Benzo(k)fluoranthene
Concen: 2.783 ng/ul m
RT: 22.892 min Scan# 4663
Delta R.T. -0.008 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:252 Resp: 132545
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 13.0 11.5 17.3

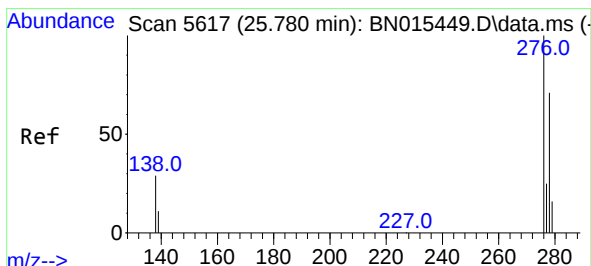
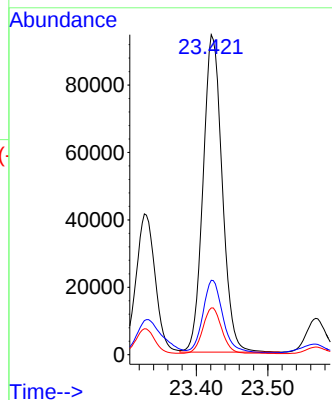
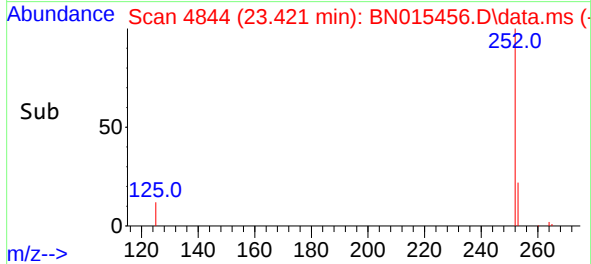




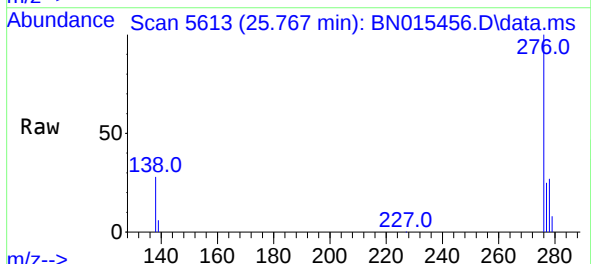
#26
Benzo(a)pyrene
Concen: 4.942 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14



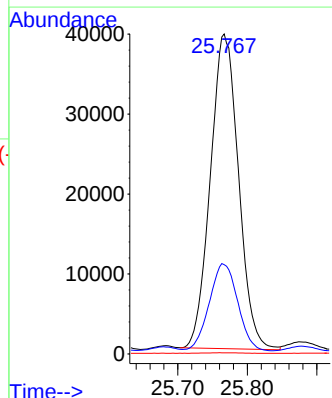
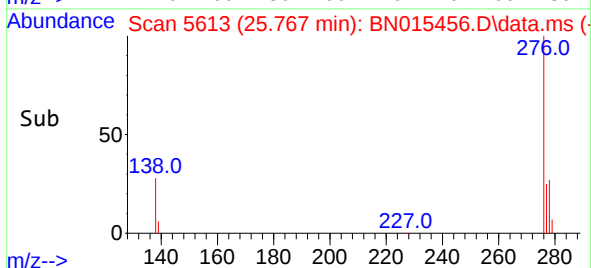
Tgt Ion:252 Resp: 175125
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 14.6 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.586 ng/ul
RT: 25.767 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14



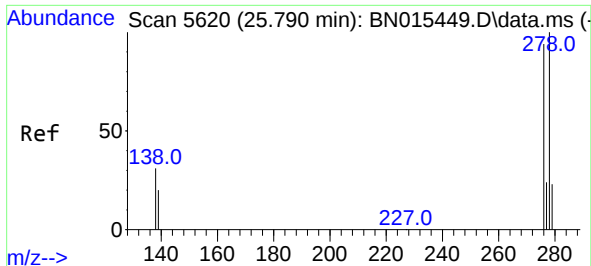
Tgt Ion:276 Resp: 110687
Ion Ratio Lower Upper
276 100
138 28.4 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDS8DL

Manual Integrations
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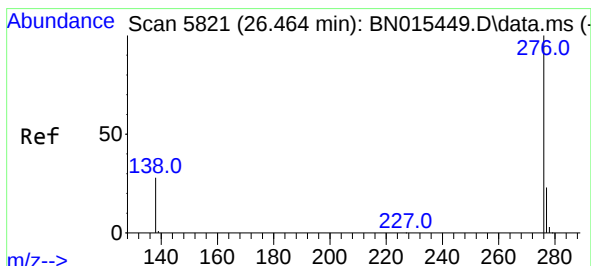
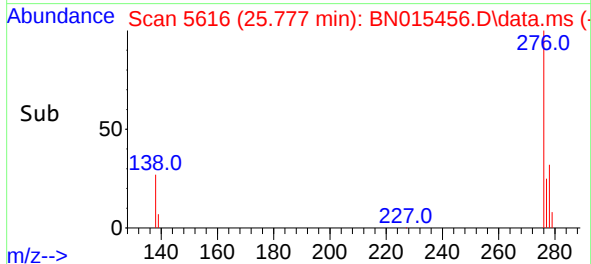
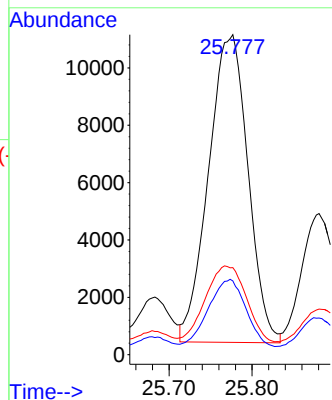
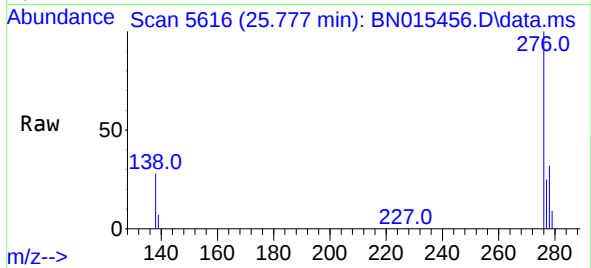
#28
Dibenzo(a,h)anthracene
Concen: 1.055 ng/ul
RT: 25.777 min Scan# 5616
Delta R.T. -0.013 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:	278	Resp:	35391
Ion Ratio	Lower	Upper	
278	100		
139	23.0	18.9	28.3
279	27.2	20.8	31.2

Instrument :
BNA_N
ClientSampleID :
BGDS8DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.010 min
Lab File: BN015456.D
Acq: 09 Jul 2021 21:14

Tgt Ion:	276	Resp:	6879
Ion Ratio	Lower	Upper	
276	100		
138	33.7	23.0	34.4
277	32.3	19.3	28.9

