

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015532.D
 Acq On : 13 Jul 2021 17:16
 Operator : CG/JU
 Sample : M2869-07DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD5DL

Manual Integrations
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Quant Time: Jul 13 17:49:38 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	7.808	152	3063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10590	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	6362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11357	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8877	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	10536	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1878	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	762	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1929	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	54219	1.605	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	7473	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	2948	0.138	ng/ul	99
10) Acenaphthylene	14.159	152	51353	1.561	ng/ul	98
11) Acenaphthene	14.506	153	245225	9.729	ng/ul	98
12) Fluorene	15.492	166	268874	9.654	ng/ul	99
15) Phenanthrene	17.238	178	1910093	46.340	ng/ul	99
16) Anthracene	17.326	178	772091	21.245	ng/ul	99
19) Fluoranthene	19.257	202	1812518	44.187	ng/ul	99
20) Pyrene	19.620	202	1374982	33.422	ng/ul	100
21) Benzo(a)anthracene	21.372	228	862406	26.226	ng/ul	95
22) Chrysene	21.425	228	688774	17.497	ng/ul	99
24) Benzo(b)fluoranthene	23.035	252	835950m	16.984	ng/ul	
25) Benzo(k)fluoranthene	23.076	252	323367m	5.821	ng/ul	
26) Benzo(a)pyrene	23.640	252	533268	12.899	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.169	276	338589	6.781	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.173	278	101461	2.592	ng/ul	96
29) Benzo(g,h,i)perylene	26.910	276	30441	0.658	ng/ul#	92

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

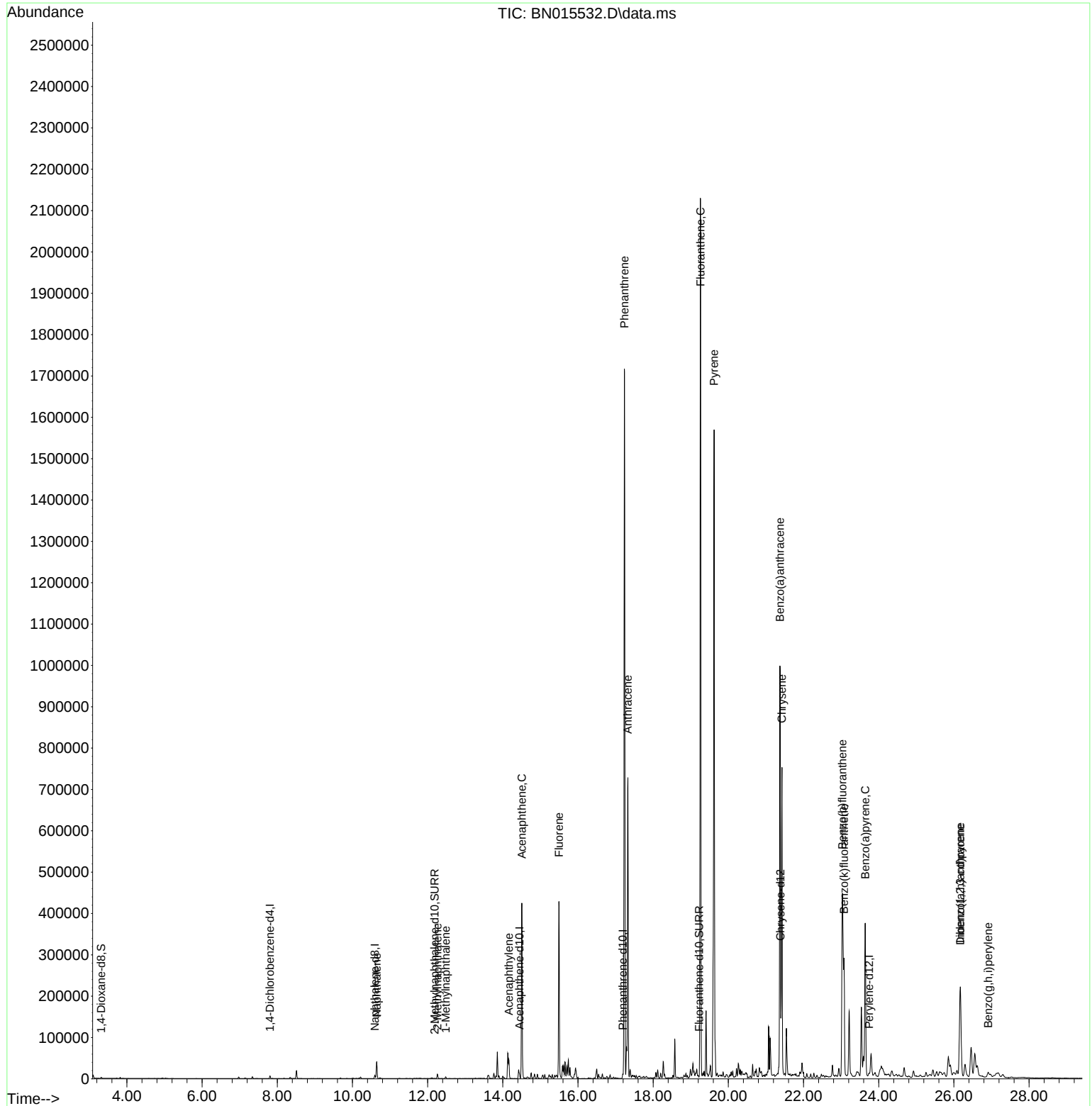
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015532.D
Acq On : 13 Jul 2021 17:16
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

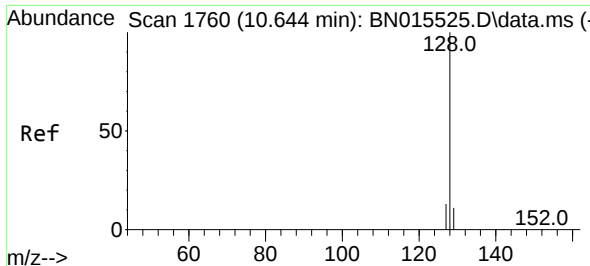
Instrument :
BNA_N
ClientSampleId :
BGDX5DL

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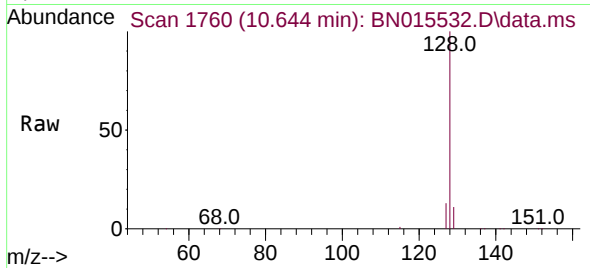
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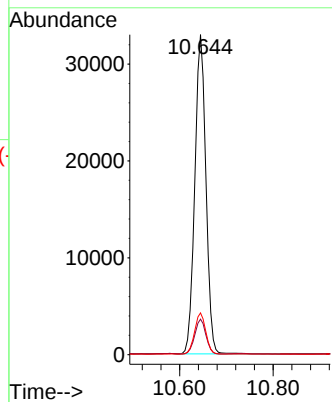
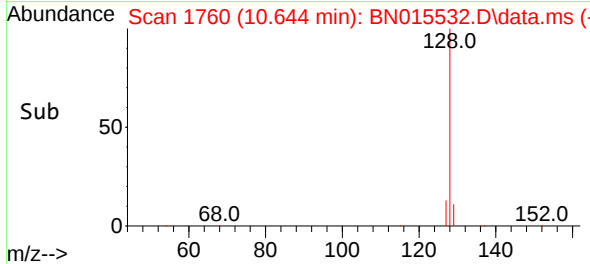




#5
Naphthalene
Concen: 1.605 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



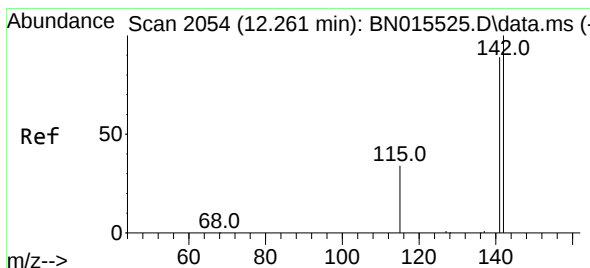
Tgt Ion:128 Resp: 54219
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.1 10.8 16.2



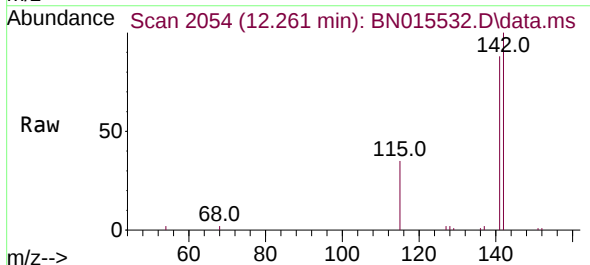
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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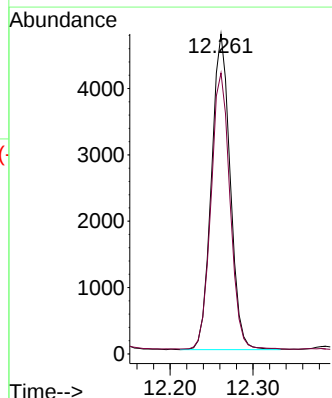
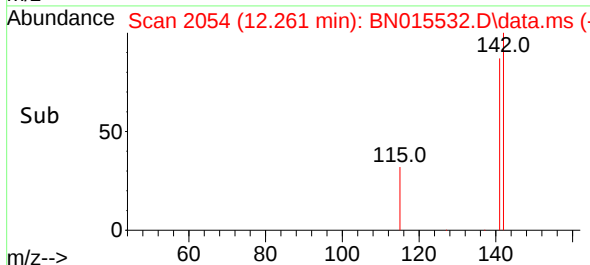
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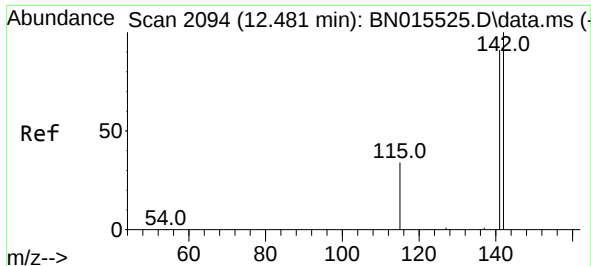


#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

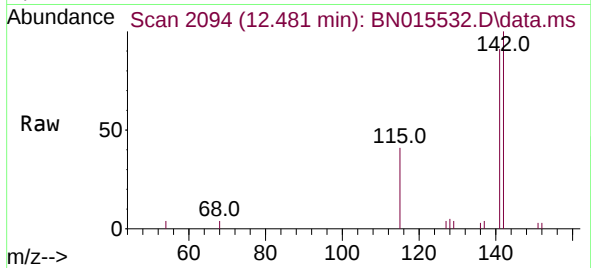


Tgt Ion:142 Resp: 7473
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5

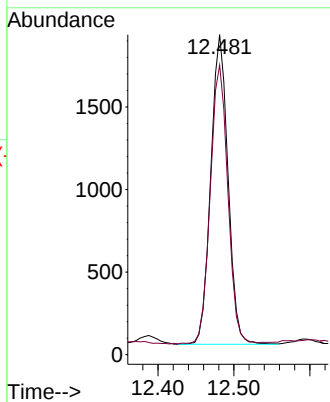
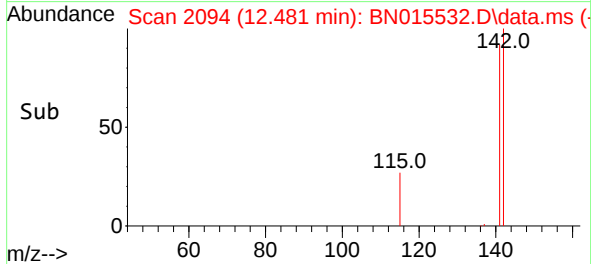




#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



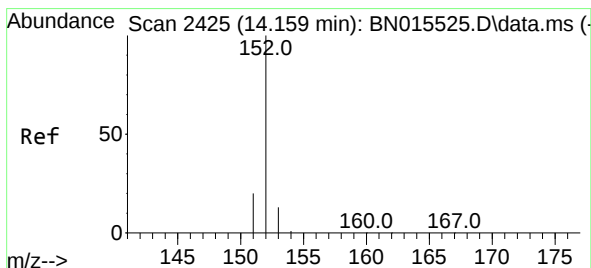
Tgt Ion:142 Resp: 2948
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4



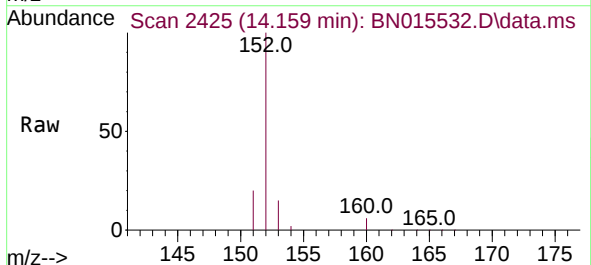
Instrument :
BNA_N
ClientSampled :
BGDX5DL

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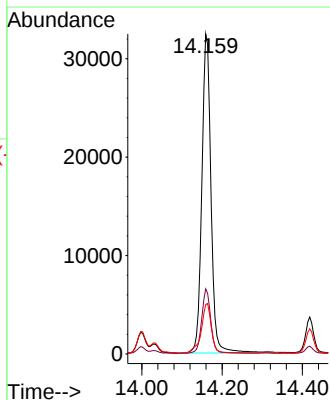
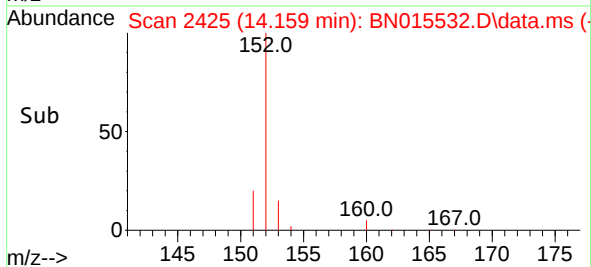
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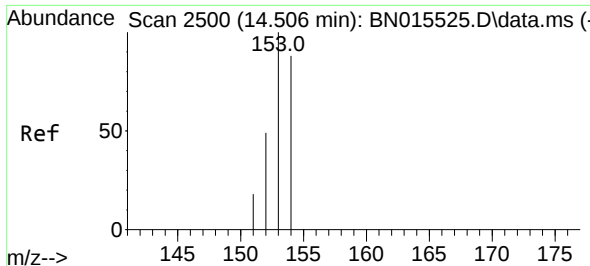


#10
Acenaphthylene
Concen: 1.561 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



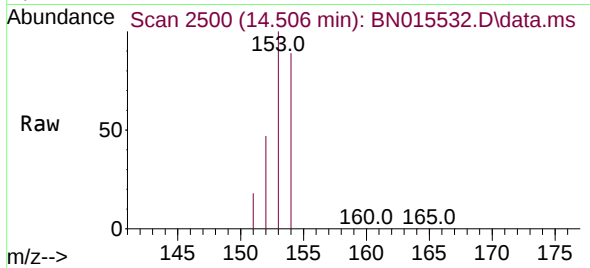
Tgt Ion:152 Resp: 51353
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 15.5 10.9 16.3



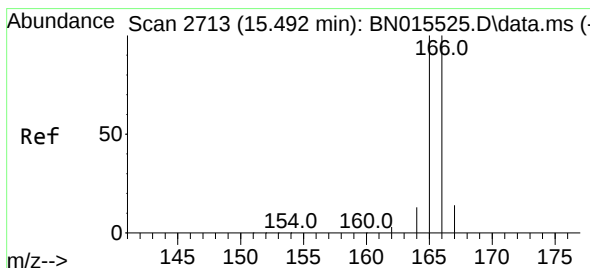
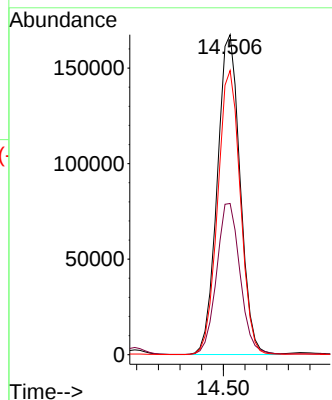
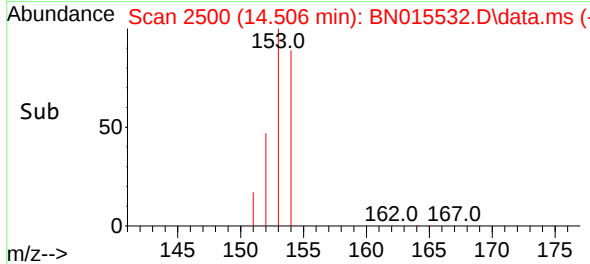


#11
Acenaphthene
Concen: 9.729 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

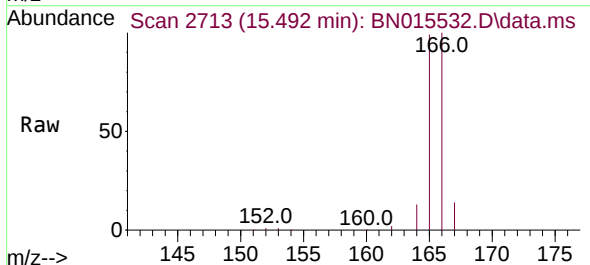
Instrument :
BNA_N
ClientSampleId :
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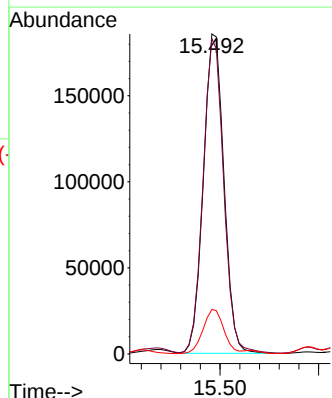
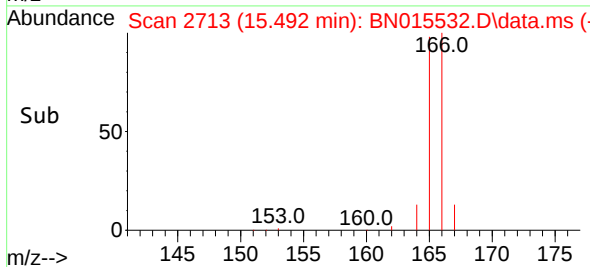
Tgt Ion:153 Resp: 245225
Ion Ratio Lower Upper
153 100
152 47.3 39.8 59.6
154 88.8 69.8 104.8

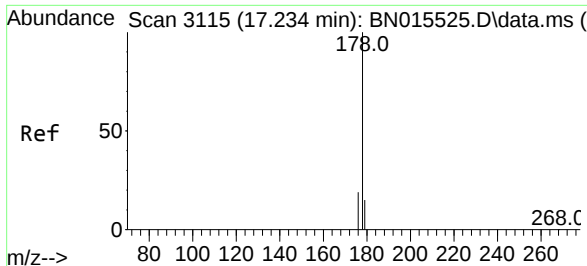


#12
Fluorene
Concen: 9.654 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



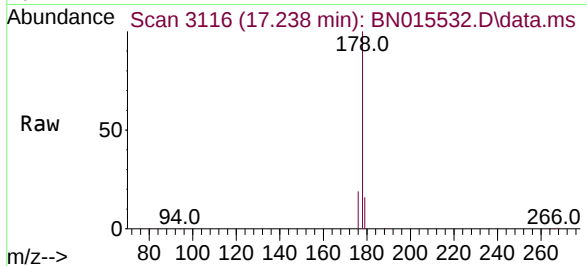
Tgt Ion:166 Resp: 268874
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.9 11.2 16.8





#15
Phenanthrene
Concen: 46.340 ng/ul
RT: 17.238 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

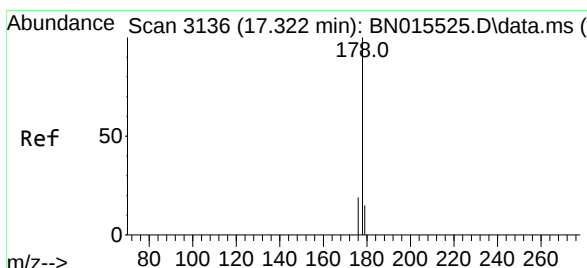
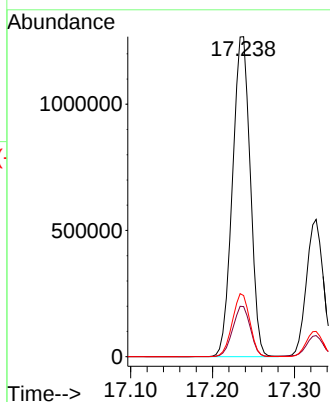
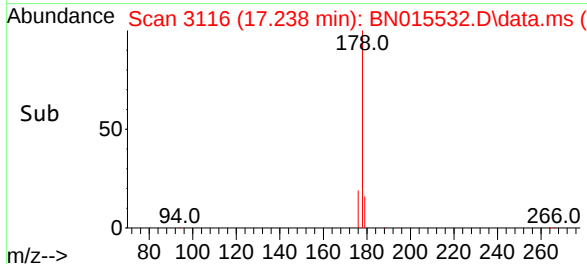
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ClientSampleId :
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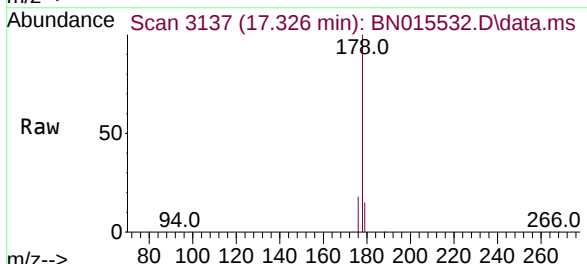
Tgt Ion:178 Resp: 1910093
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.1 15.5 23.3

Manual Integrations
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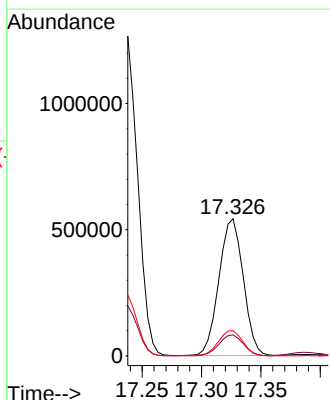
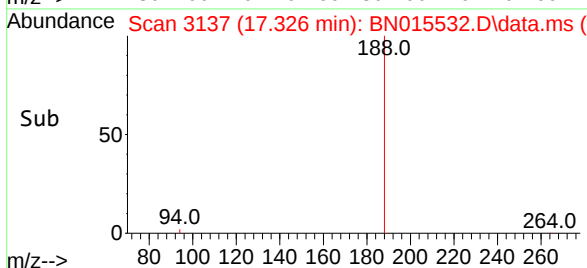
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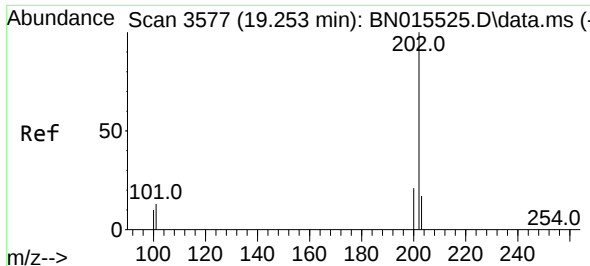


#16
Anthracene
Concen: 21.245 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

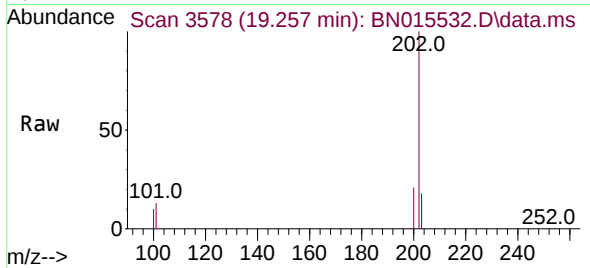


Tgt Ion:178 Resp: 772091
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.4 15.2 22.8

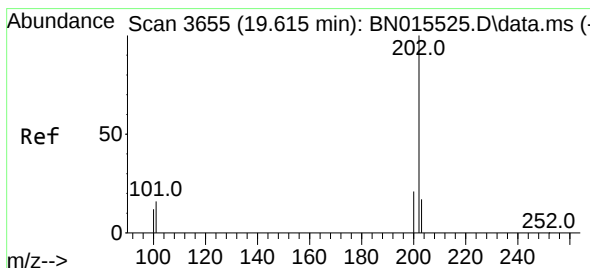
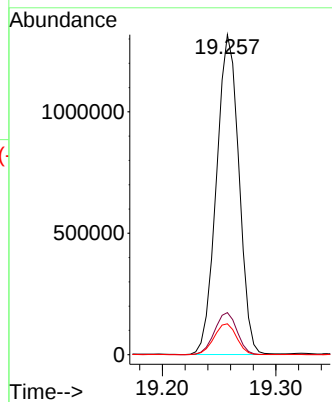
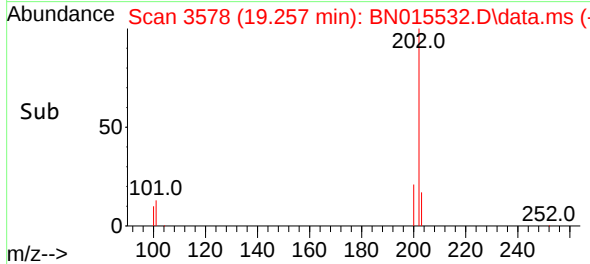




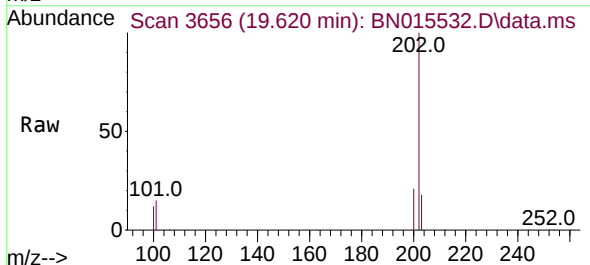
#19
Fluoranthene
Concen: 44.187 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



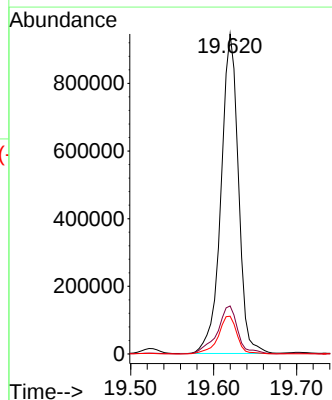
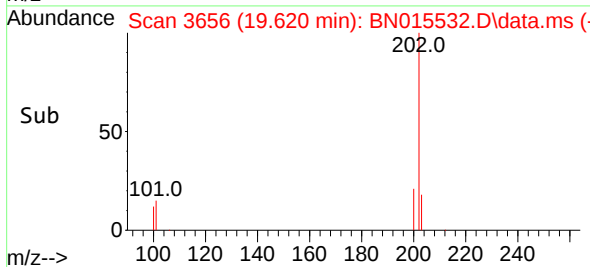
Tgt Ion:202 Resp: 1812518
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.6 7.4 11.0



#20
Pyrene
Concen: 33.422 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



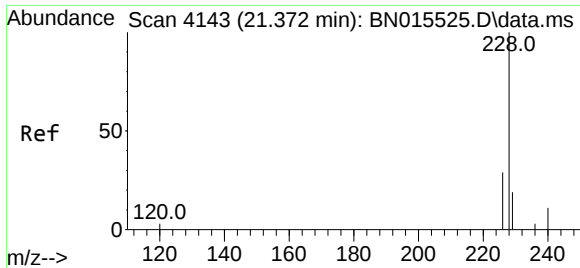
Tgt Ion:202 Resp: 1374982
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 11.8 9.6 14.4



Instrument :
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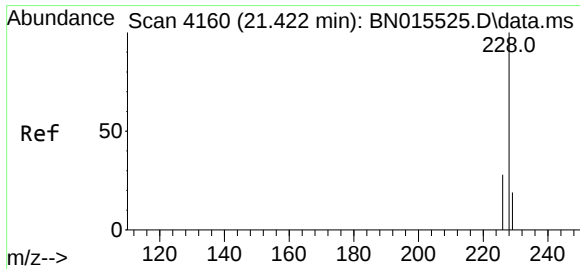
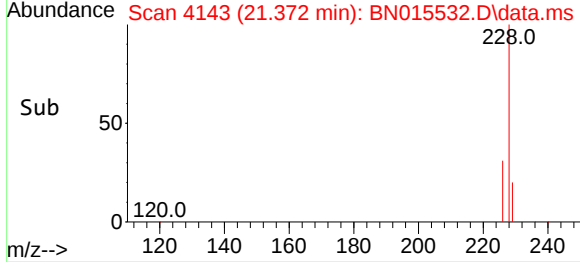
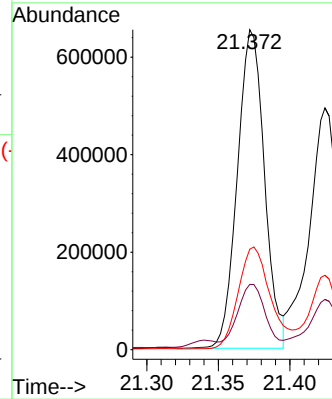
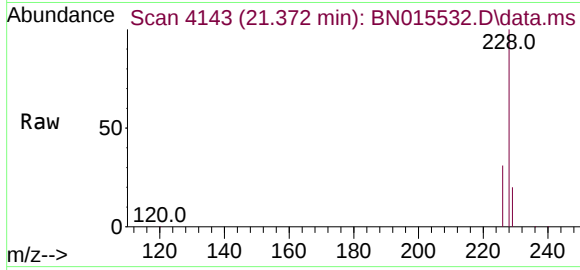
#21
Benzo(a)anthracene
Concen: 26.226 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

Tgt Ion:228	Resp:	862406
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.8 23.8
226	31.4	21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDX5DL

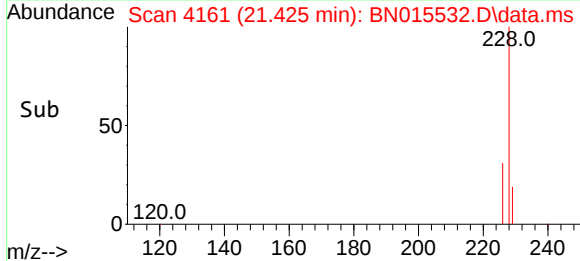
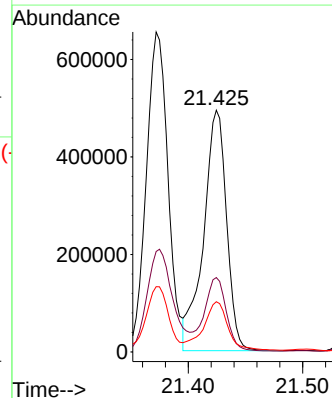
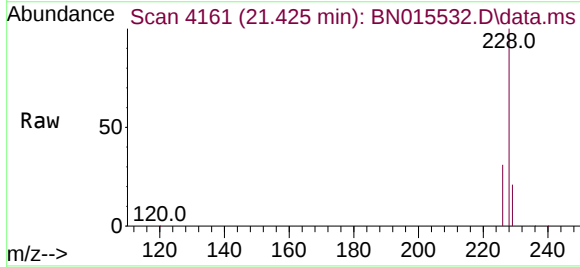
Manual Integrations
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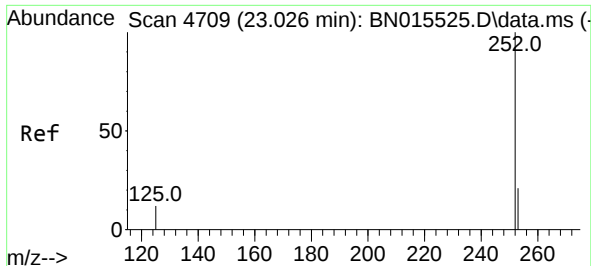
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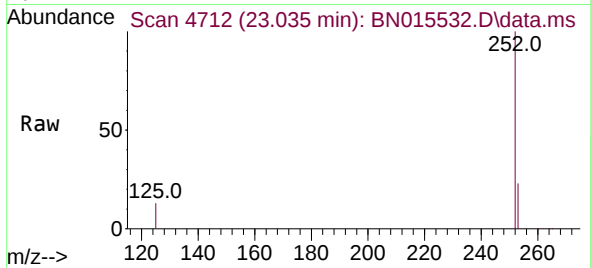
#22
Chrysene
Concen: 17.497 ng/ul
RT: 21.425 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

Tgt Ion:228	Resp:	688774
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.6 37.0
229	20.8	15.7 23.5

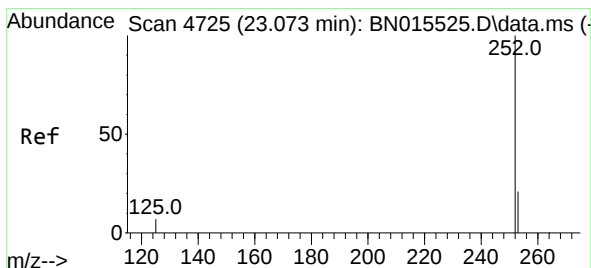
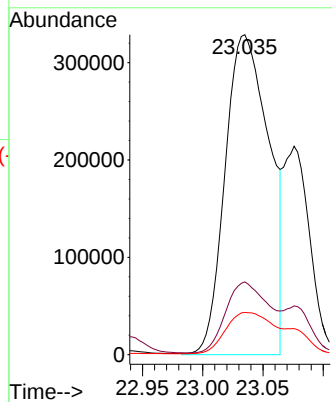
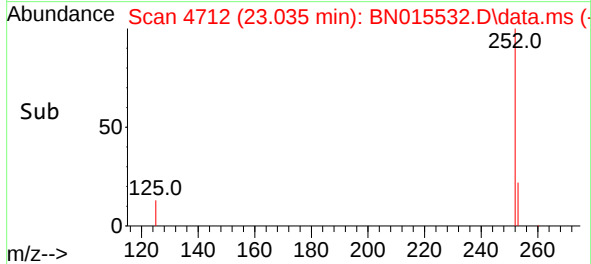




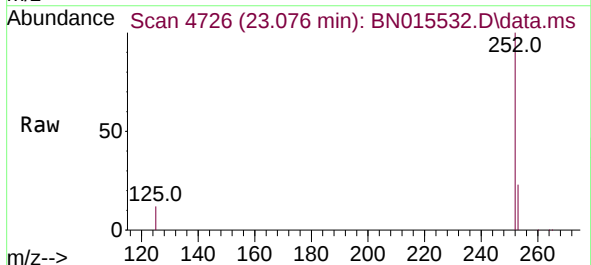
#24
Benzo(b)fluoranthene
Concen: 16.984 ng/ul m
RT: 23.035 min Scan# 4712
Delta R.T. 0.006 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



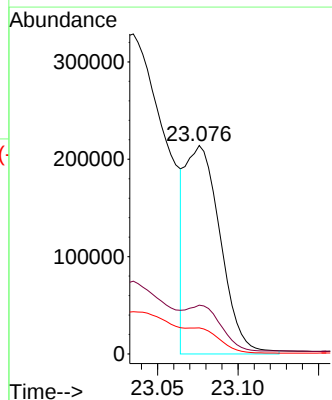
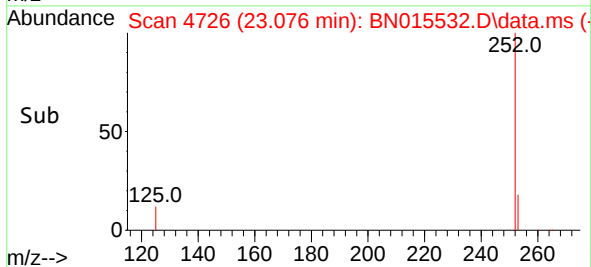
Tgt Ion:252 Resp: 835950
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 13.2 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 5.821 ng/ul m
RT: 23.076 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



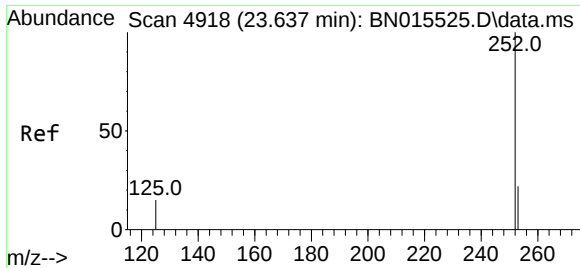
Tgt Ion:252 Resp: 323367
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.5 11.5 17.3



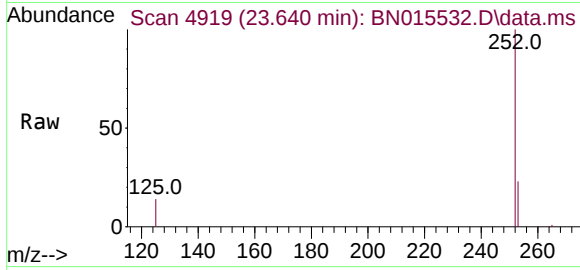
Instrument :
BNA_N
ClientSampleId :
BGDX5DL

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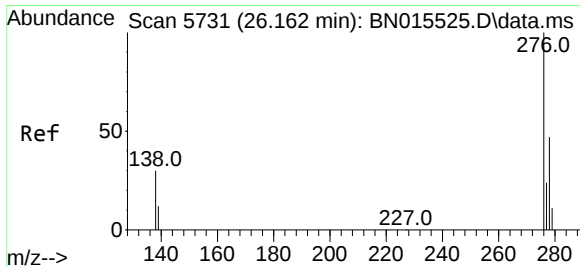
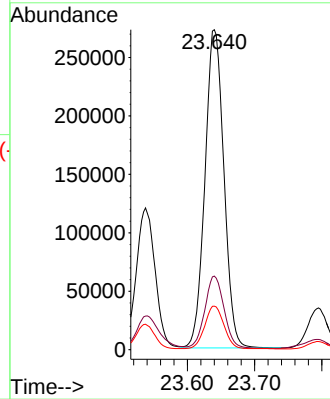
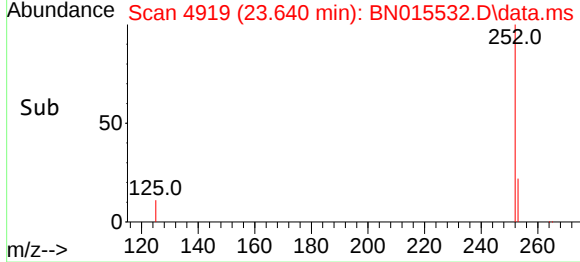
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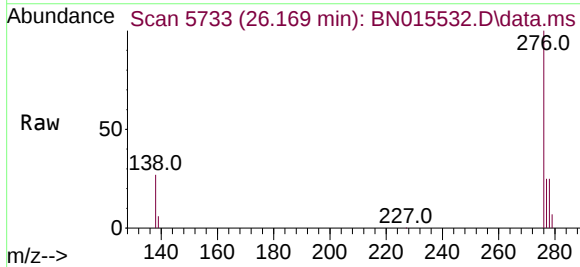
#26
Benzo(a)pyrene
Concen: 12.899 ng/ul
RT: 23.640 min Scan# 4919
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



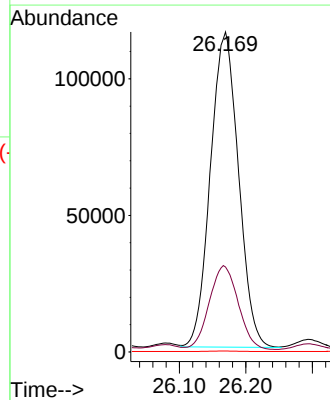
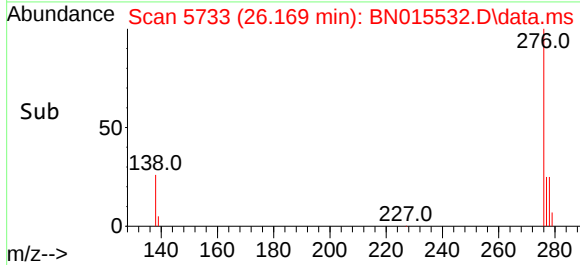
Tgt Ion:252 Resp: 533268
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 13.6 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.781 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



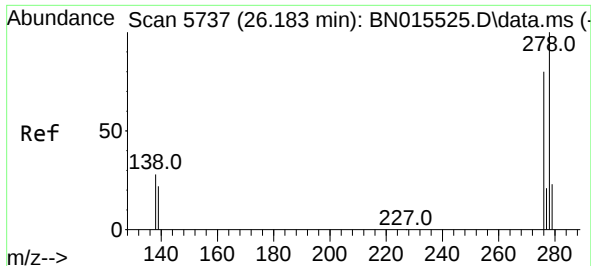
Tgt Ion:276 Resp: 338589
Ion Ratio Lower Upper
276 100
138 27.4 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDX5DL

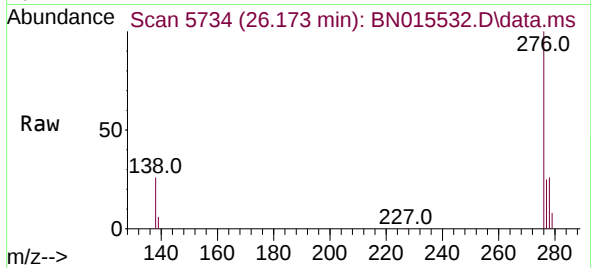
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#28
Dibenzo(a,h)anthracene
Concen: 2.592 ng/ul
RT: 26.173 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16

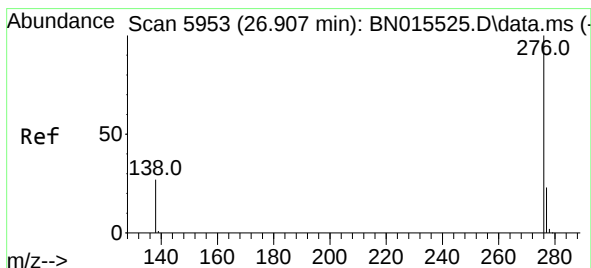
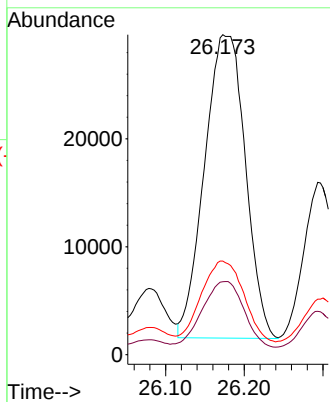
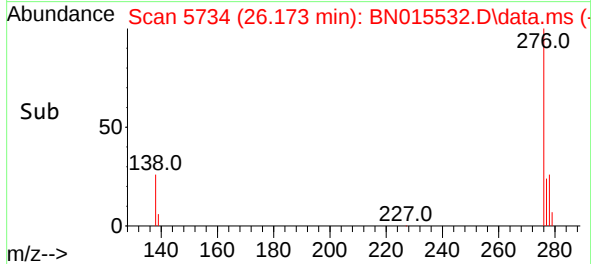
Instrument :
BNA_N
ClientSampleId :
BGDX5DL



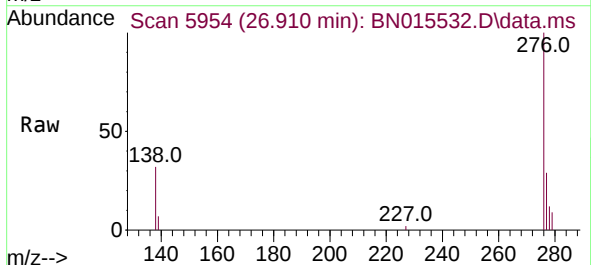
Tgt Ion:278 Resp: 101461
Ion Ratio Lower Upper
278 100
139 22.8 18.9 28.3
279 29.3 20.8 31.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.658 ng/ul
RT: 26.910 min Scan# 5954
Delta R.T. -0.000 min
Lab File: BN015532.D
Acq: 13 Jul 2021 17:16



Tgt Ion:276 Resp: 30441
Ion Ratio Lower Upper
276 100
138 32.0 23.0 34.4
277 29.3 19.3 28.9#

