

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011591.D
 Acq On : 22 Aug 2020 17:33
 Operator : CG/JU
 Sample : L3729-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)

Manual Integrations
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 8/24/2020 1:51:02 PM

Quant Time: Aug 24 02:39:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1458	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	4825	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	2846	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	6846	0.40	ng	0.00
29) Chrysene-d12	21.00	240	7565	0.40	ng	-0.01
36) Perylene-d12	23.10	264	8136	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1178	0.38	ng	0.00
5) Phenol-d6	6.63	99	989	0.31	ng	0.00
8) Nitrobenzene-d5	8.54	82	1335	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1832	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	383	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	4930	0.42	ng	-0.01
27) Fluoranthene-d10	18.82	212	5397	0.23	ng	-0.01
31) Terphenyl-d14	19.45	244	8263	0.42	ng	0.00
Target Compounds						
9) Naphthalene	10.19	128	3071	0.220	ng	Qvalue 98
12) 2-Methylnaphthalene	11.81	142	793	0.082	ng	# 88
16) Acenaphthylene	13.74	152	8013	0.554	ng	99
17) Acenaphthene	14.09	154	378	0.040	ng	93
18) Fluorene	15.09	166	1444	0.115	ng	# 88
25) Phenanthrene	16.82	178	36708	1.703	ng	100
26) Anthracene	16.92	178	10241	0.570	ng	97
28) Fluoranthene	18.85	202	112019	4.041	ng	99
30) Pyrene	19.22	202	131637	4.375	ng	99
32) Benzo(a)anthracene	20.99	228	67454m	2.715	ng	
33) Chrysene	21.04	228	57924	2.049	ng	98
34) Bis(2-ethylhexyl)phthalate	20.95	149	638	0.059	ng	# 98
35) Indeno(1,2,3-cd)pyrene	25.12	276	56614	2.205	ng	98
37) Benzo(b)fluoranthene	22.49	252	94778m	3.151	ng	
38) Benzo(k)fluoranthene	22.52	252	31409m	0.876	ng	
39) Benzo(a)pyrene	23.01	252	71481	2.568	ng	# 75
40) Dibenzo(a,h)anthracene	25.13	278	9358m	0.402	ng	
41) Benzo(a,h,i)perylene	25.73	276	73192	2.637	ng	93

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

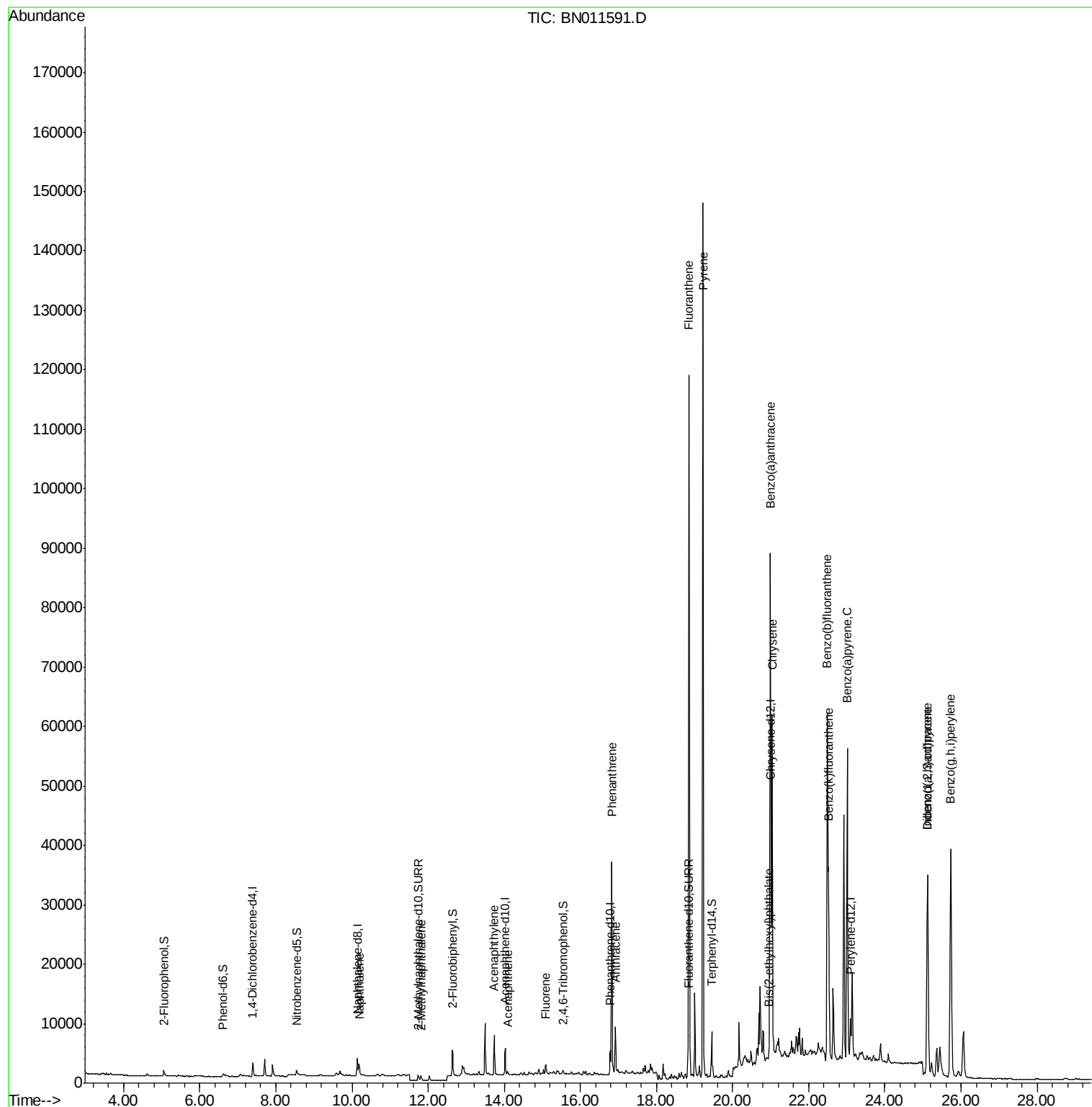
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
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ALS Vial : 36 Sample Multiplier: 1

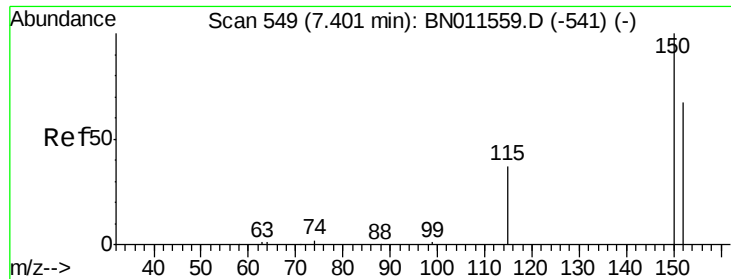
Instrument :
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COMP-5-(4-5)

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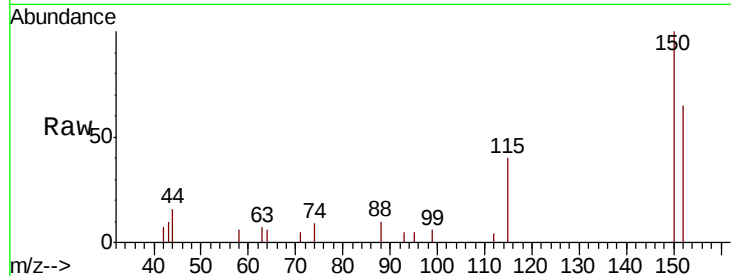
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)

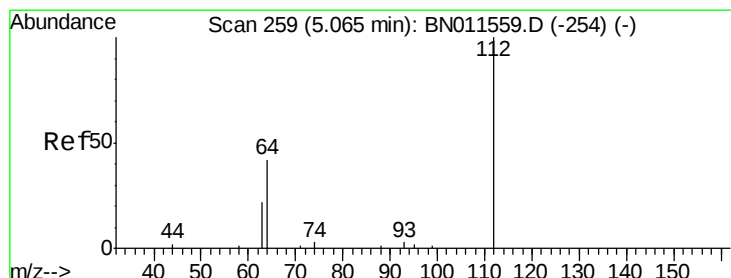
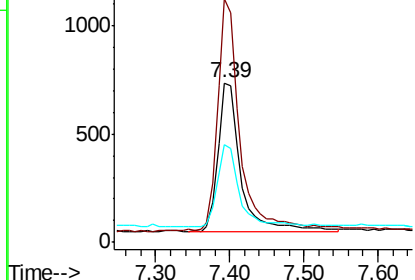
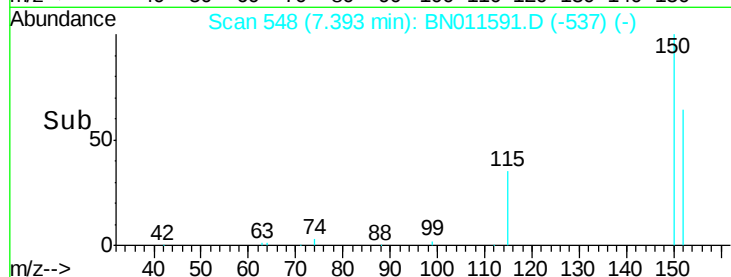
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	117.1	175.7
115	61.1	48.7	73.1

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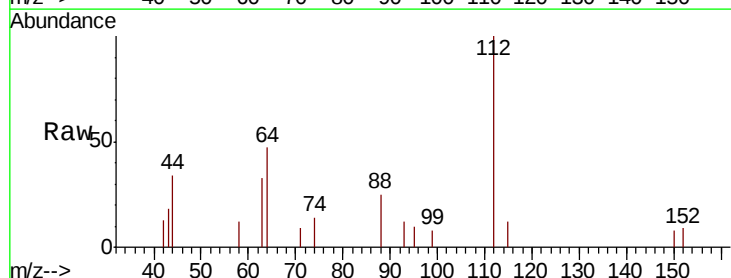


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

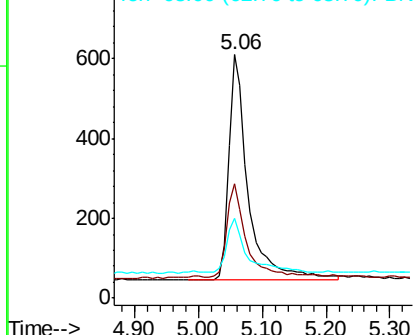
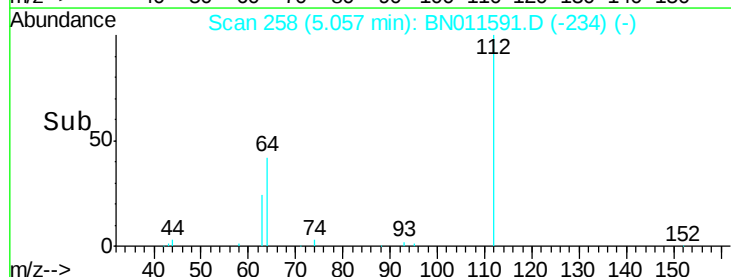


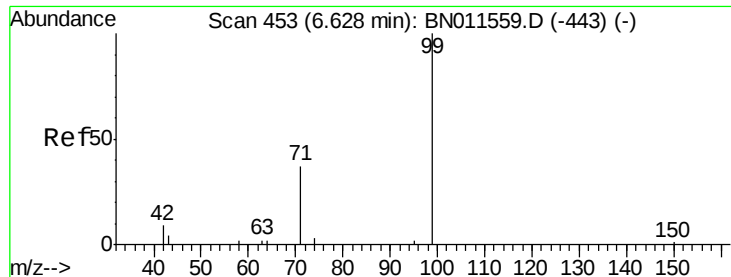
#4
 2-Fluorophenol
 Concen: 0.379 ng
 RT: 5.06 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.9	50.9
63	26.4	17.7	26.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.315 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Instrument :

BNA_N

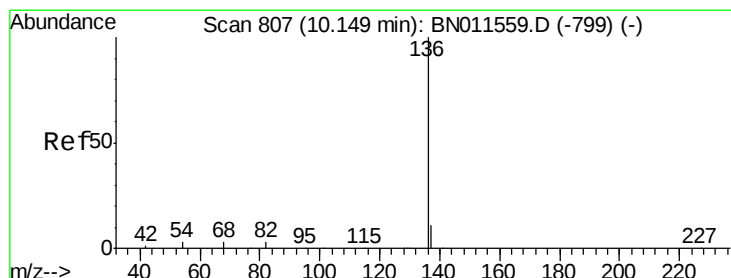
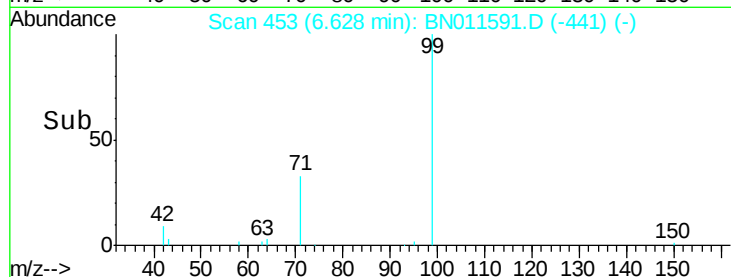
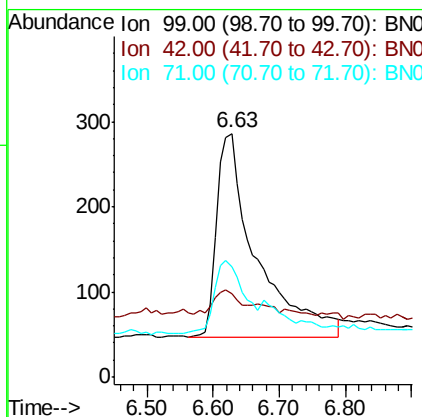
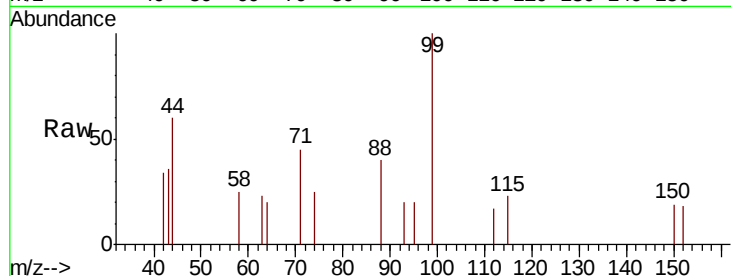
ClientSampleId :

COMP-5-(4-5)

Tot Ion	99	Resp:	989
Ion	Ratio	Lower	Upper
99	100		
42	7.3	9.0	13.4#
71	27.2	30.4	45.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

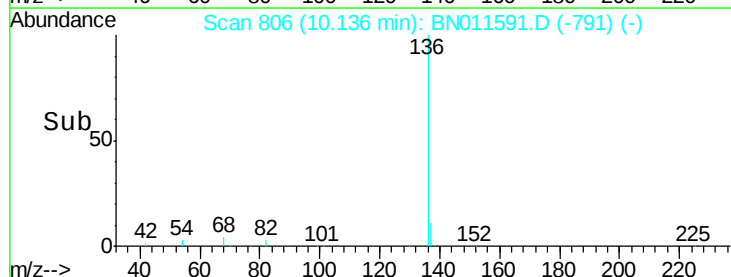
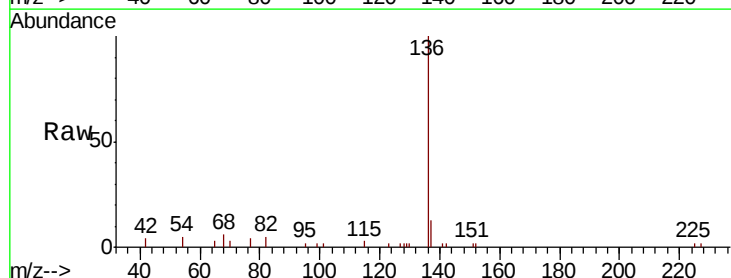
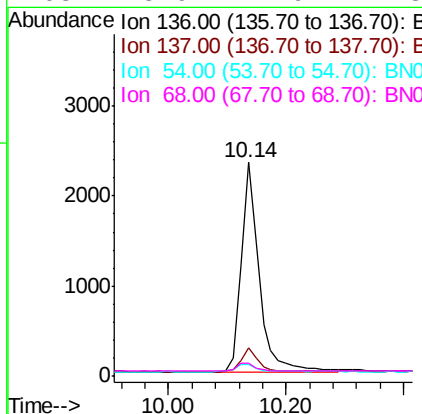
RT: 10.14 min Scan# 806

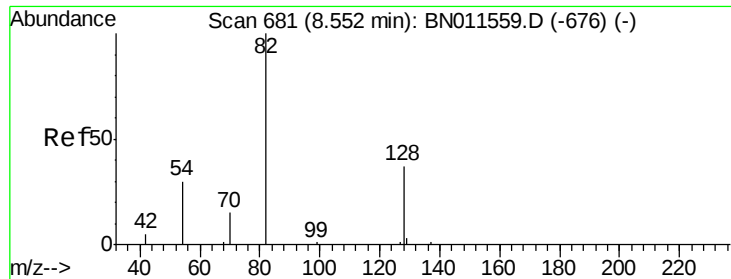
Delta R.T. -0.01 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Tgt Ion	136	Resp:	4825
Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.0	16.4
54	5.1	4.3	6.5
68	5.9	4.9	7.3





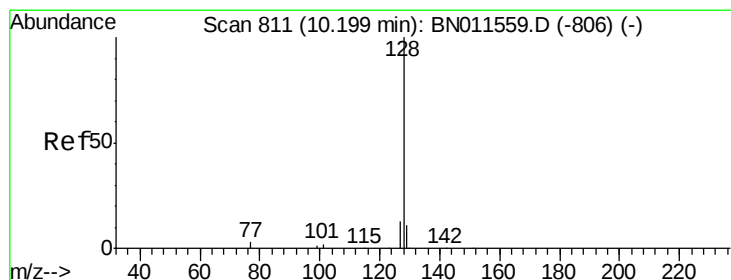
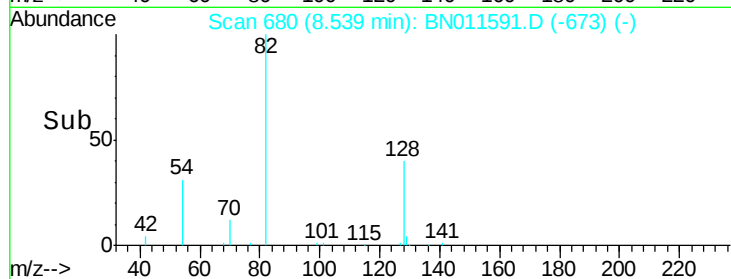
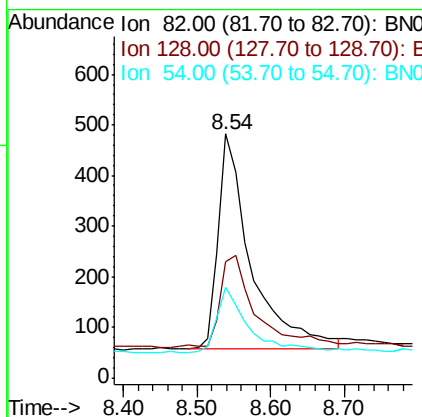
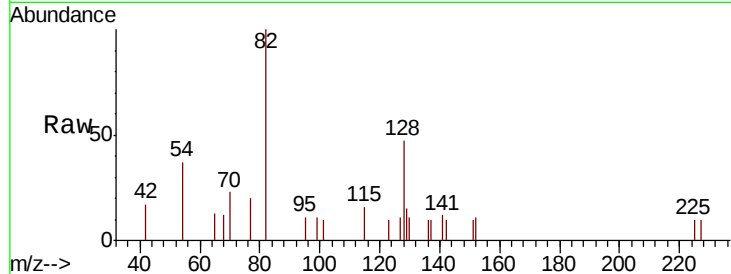
#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.54 min Scan# 680
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	41.7	62.5
54	37.1	34.4	51.6

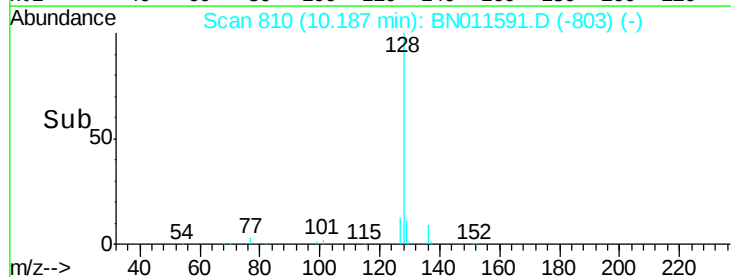
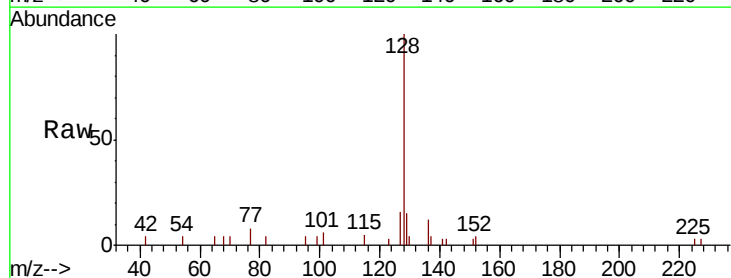
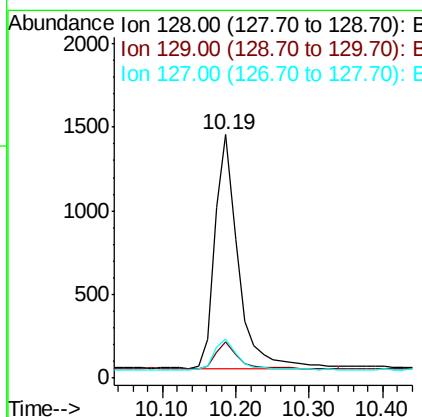
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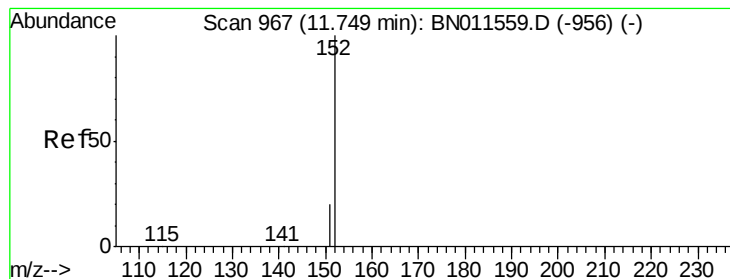
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#9
Naphthalene
Concen: 0.220 ng
RT: 10.19 min Scan# 810
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.6	10.8	16.2
127	15.9	12.3	18.5





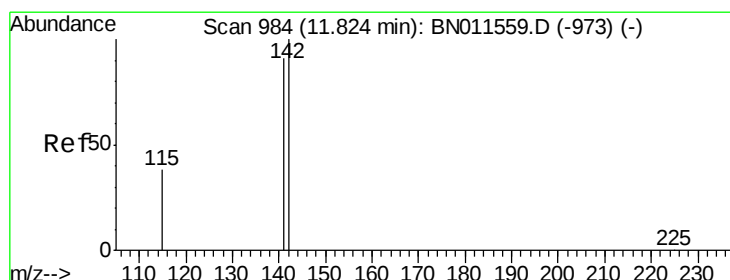
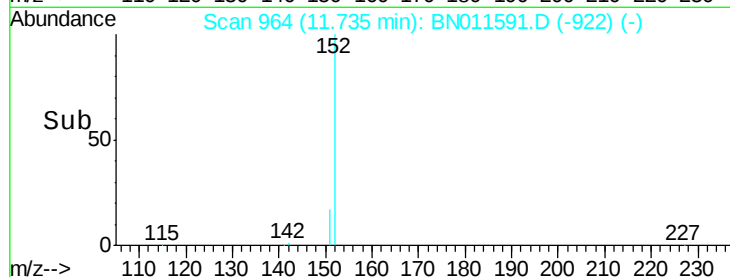
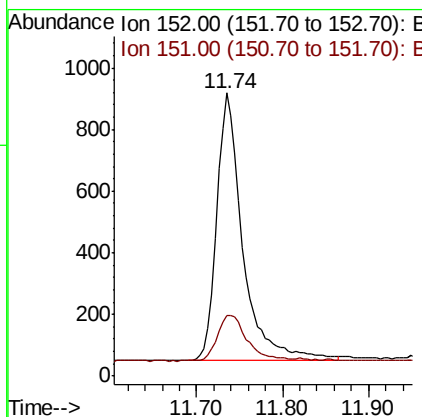
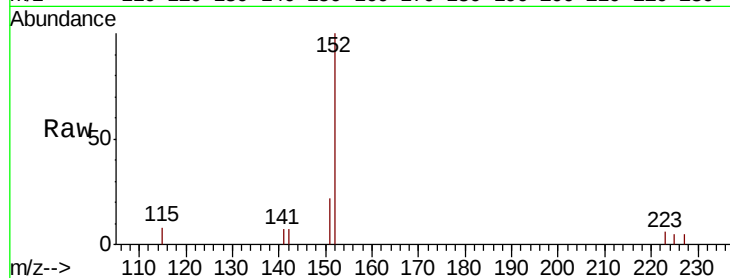
#11
2-Methylnaphthalene-d10
Concen: 0.213 ng
RT: 11.74 min Scan# 964
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8

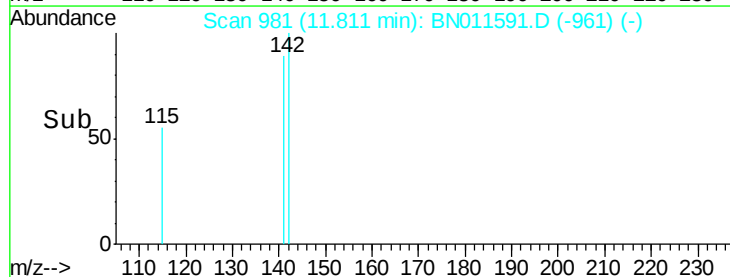
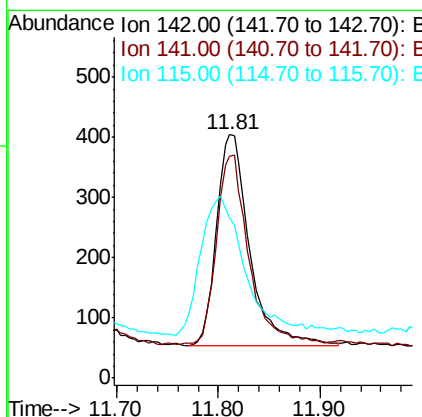
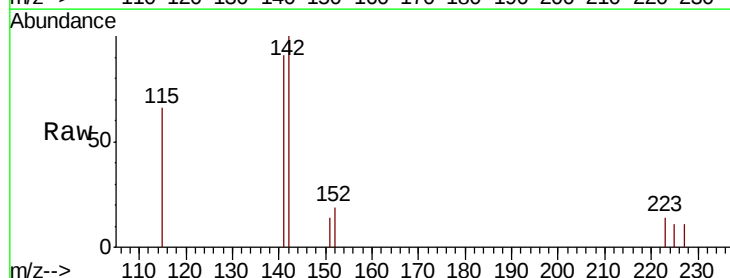
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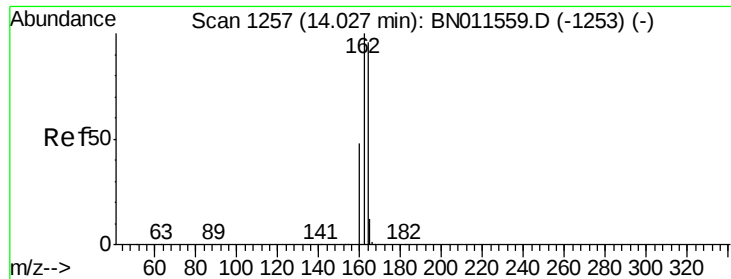
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#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 11.81 min Scan# 981
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
115	66.1	33.4	50.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Instrument :

BNA_N

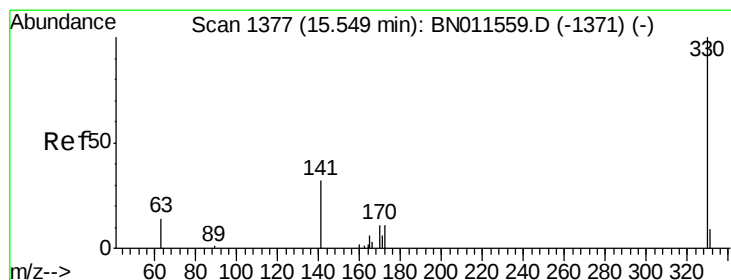
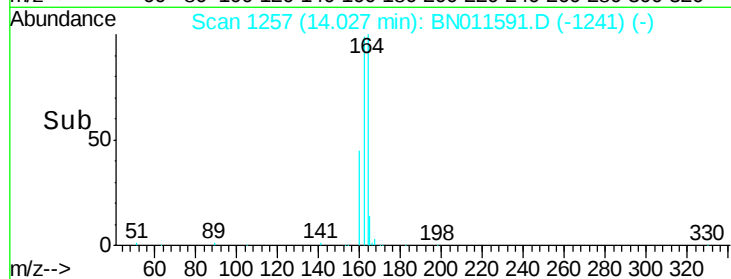
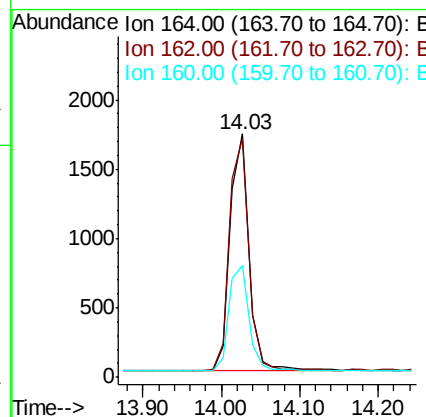
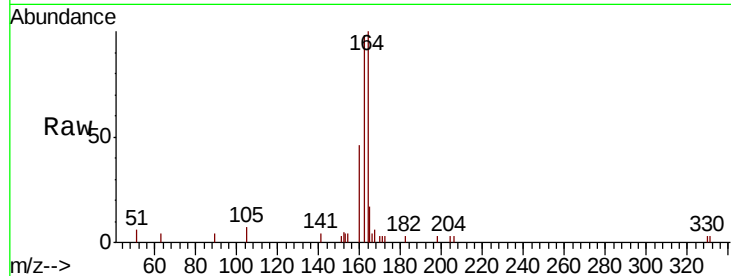
ClientSampleId :

COMP-5-(4-5)

Tot Ion:	164	Resp:	2846
Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.7	125.5
160	46.0	41.1	61.7

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#14

2,4,6-Tribromophenol

Concen: 0.270 ng

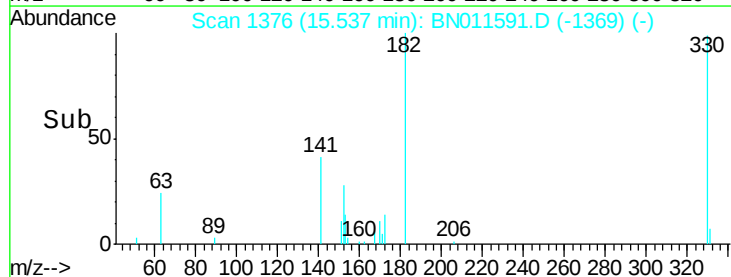
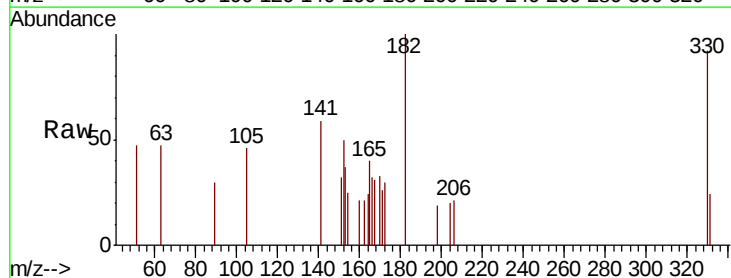
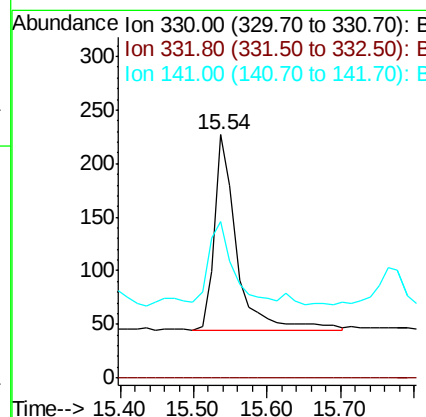
RT: 15.54 min Scan# 1376

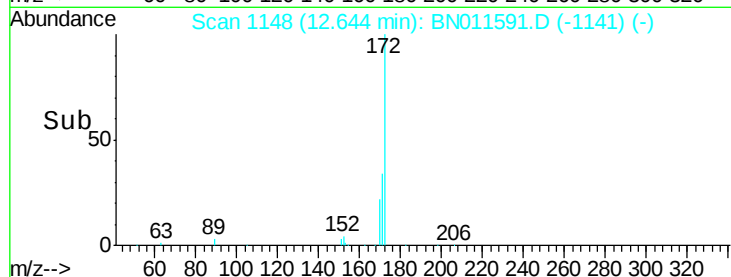
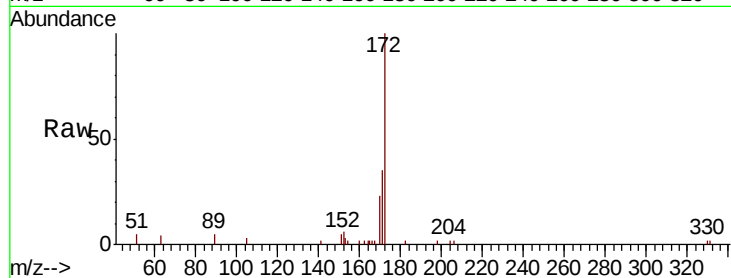
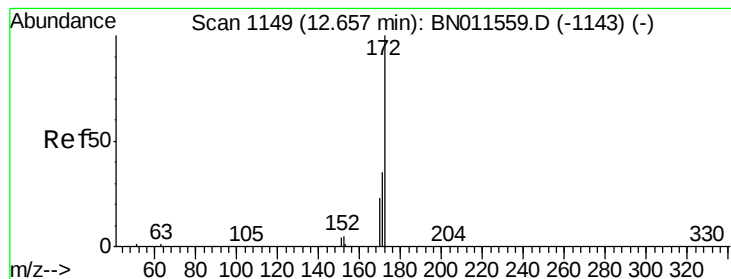
Delta R.T. -0.01 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Tgt Ion:	330	Resp:	383
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.6	34.6	52.0





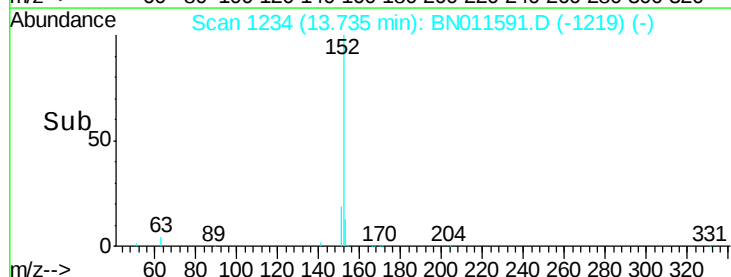
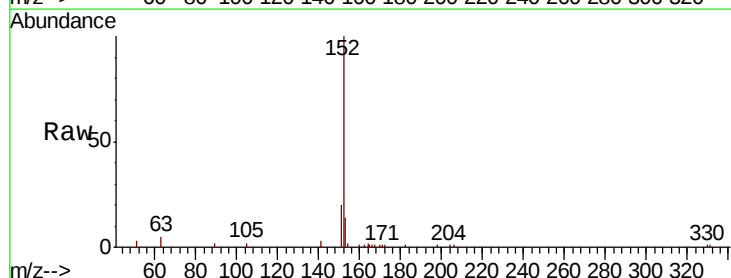
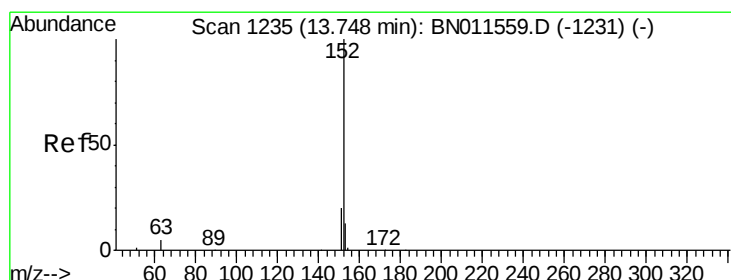
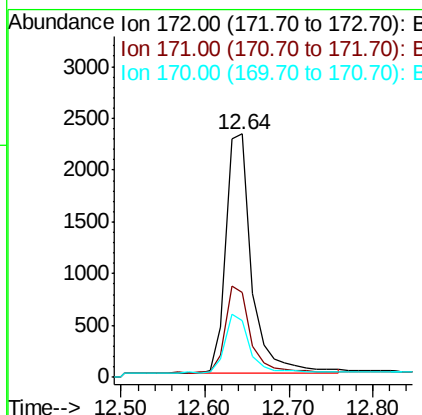
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tot Ion:172	Resp:	4930
Ion Ratio	Lower	Upper
172	100	
171	35.0	29.4 44.0
170	23.2	20.1 30.1

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ClientSampleId :
COMP-5-(4-5)

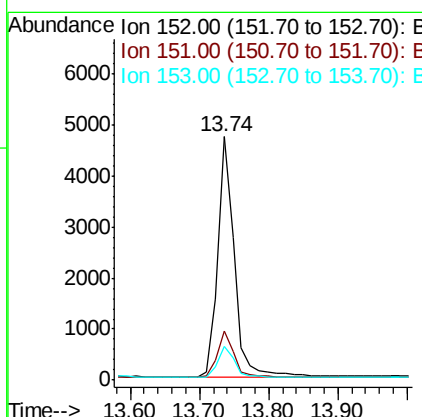
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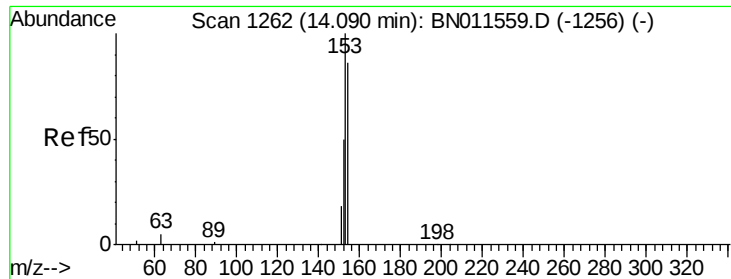
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#16
Acenaphthylene
Concen: 0.554 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion:152	Resp:	8013
Ion Ratio	Lower	Upper
152	100	
151	19.7	15.8 23.8
153	12.9	10.6 16.0





#17

Acenaphthene

Concen: 0.040 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Instrument :

BNA_N

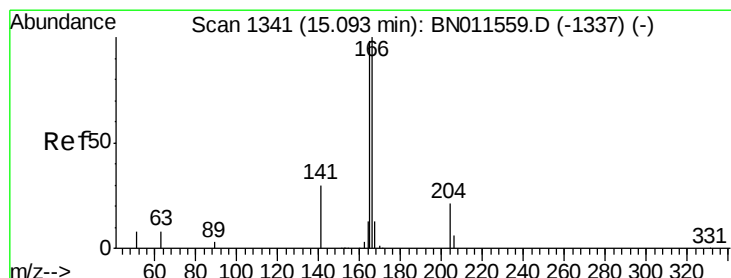
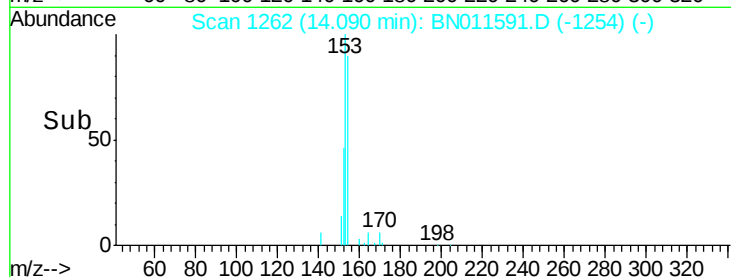
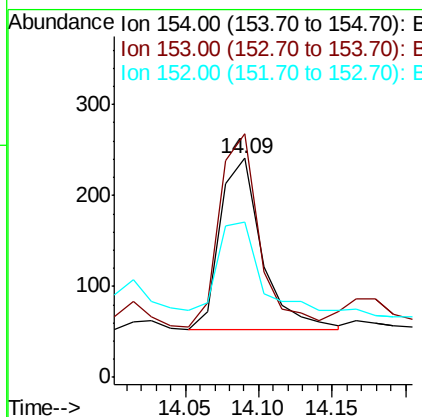
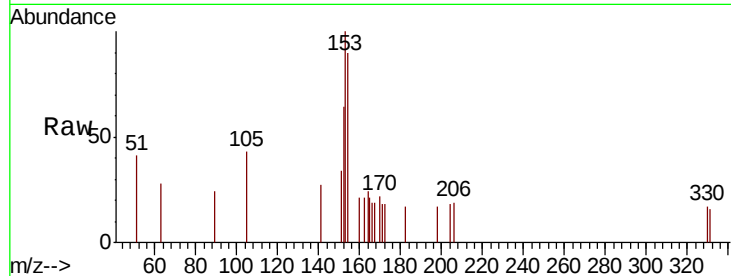
ClientSampleId :

COMP-5-(4-5)

Tot Ion:	154	Resp:	378
Ion	Ratio	Lower	Upper
154	100		
153	105.0	91.8	137.8
152	60.3	46.3	69.5

Manual Integrations
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#18

Fluorene

Concen: 0.115 ng

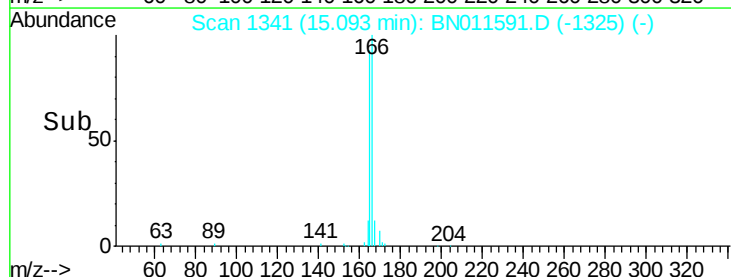
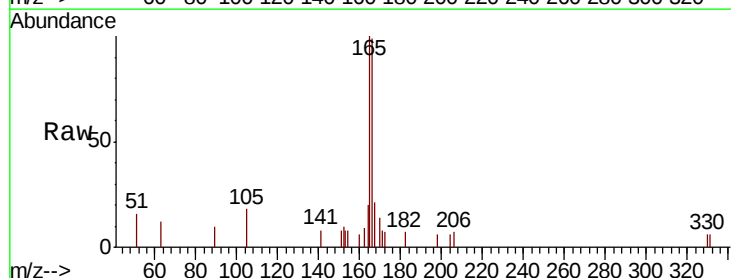
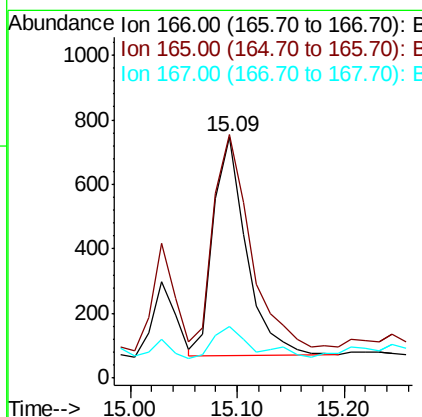
RT: 15.09 min Scan# 1341

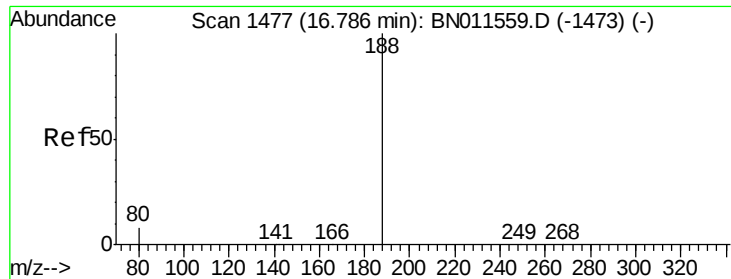
Delta R.T. 0.00 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Tgt Ion:	166	Resp:	1444
Ion	Ratio	Lower	Upper
166	100		
165	109.6	78.2	117.2
167	18.0	10.7	16.1#





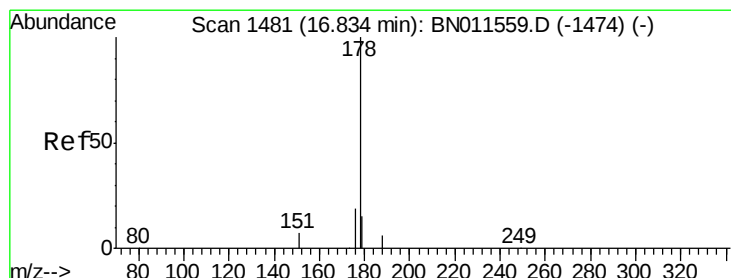
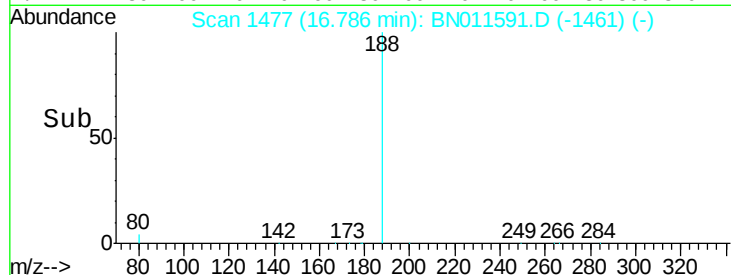
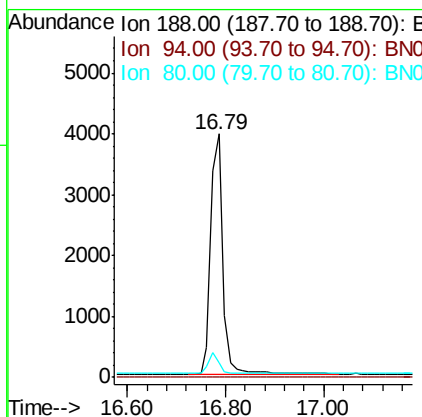
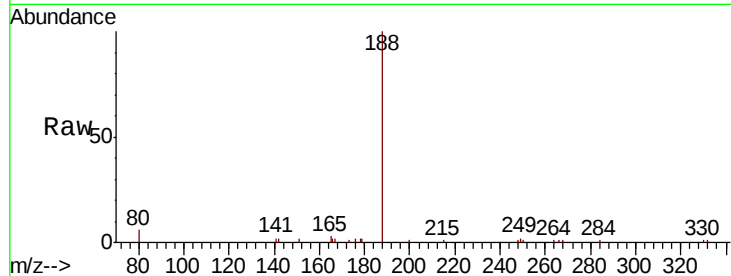
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	7.6	11.4#

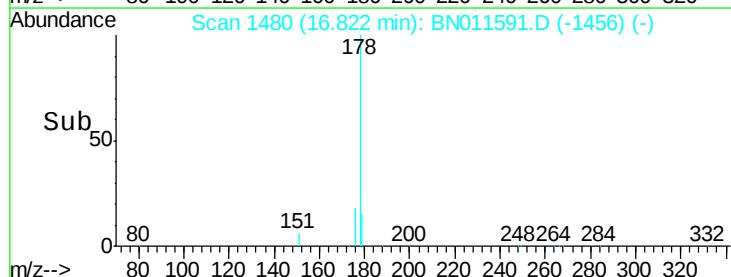
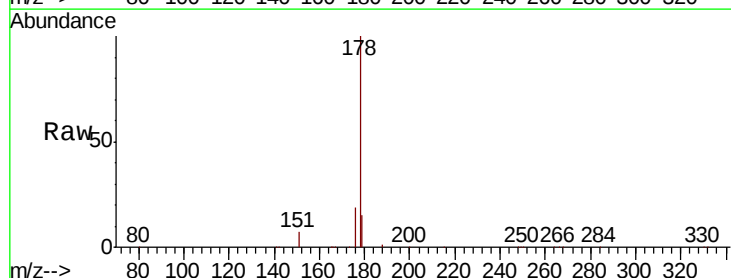
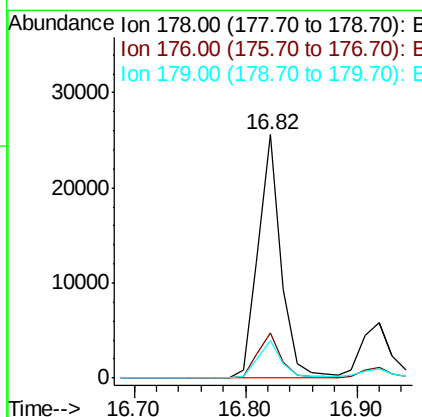
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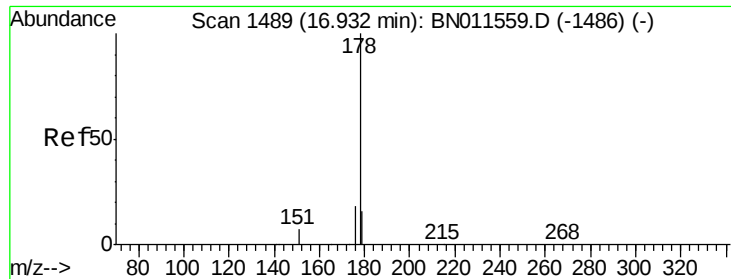
Sohil
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#25
Phenanthrene
Concen: 1.703 ng
RT: 16.82 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5





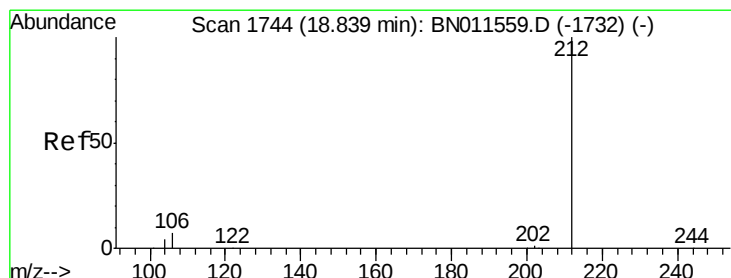
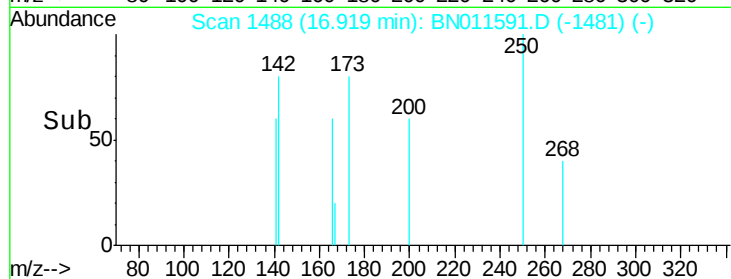
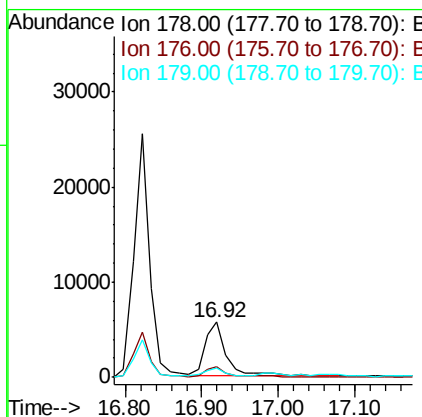
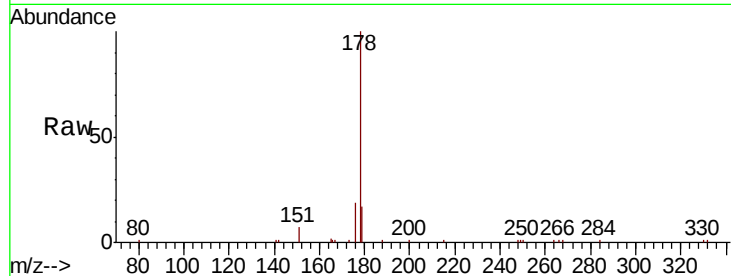
#26
 Anthracene
 Concen: 0.570 ng
 RT: 16.92 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	13.9	12.9	19.3

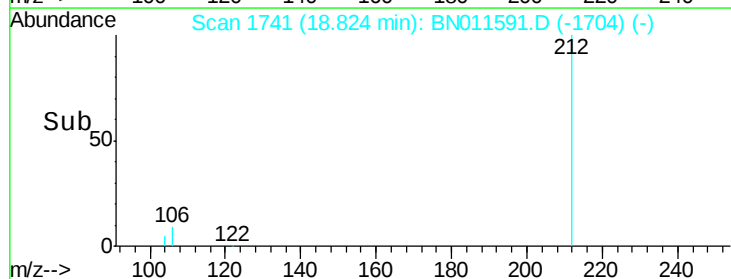
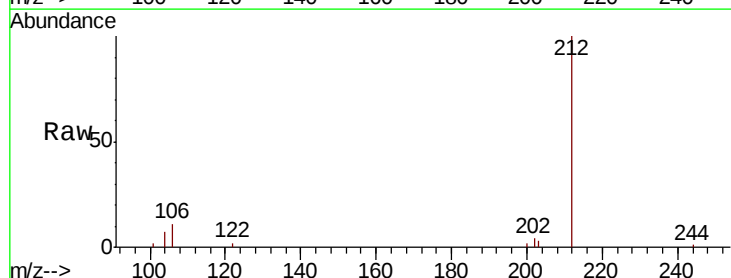
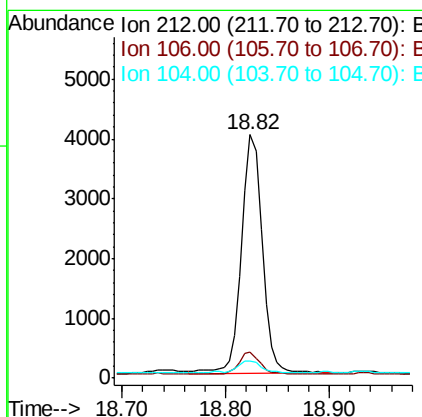
Manual Integrations
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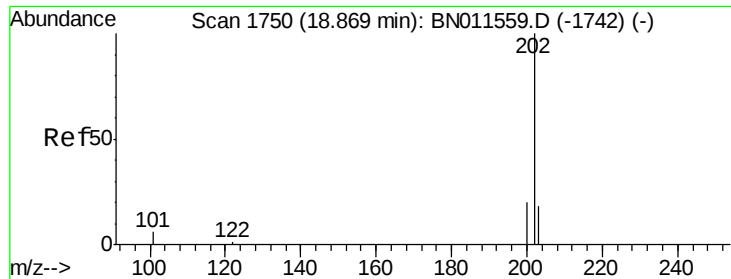
Sohil
 8/24/2020 1:51:02 PM



#27
 Fluoranthene-d10
 Concen: 0.234 ng
 RT: 18.82 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
212	100		
106	8.7	6.2	9.2
104	5.9	3.8	5.6





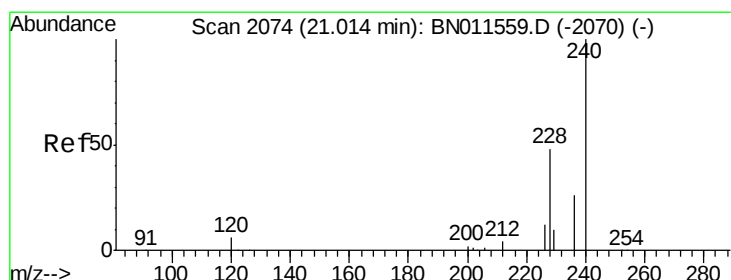
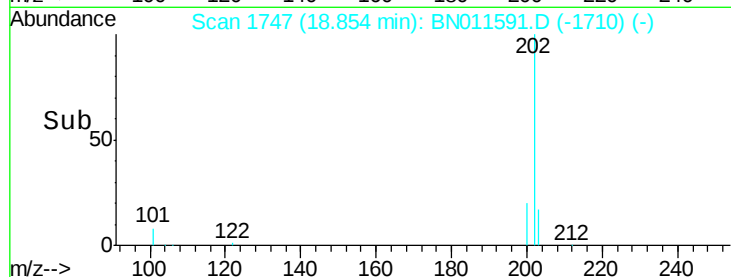
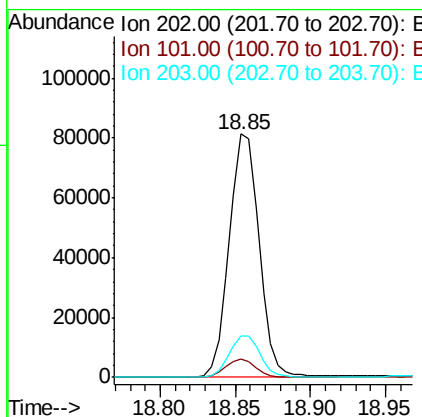
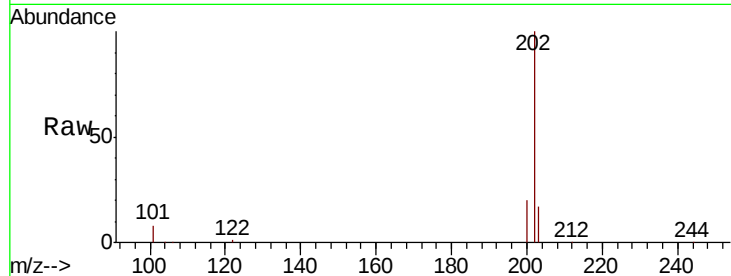
#28
Fluoranthene
 Concen: 4.041 ng
 RT: 18.85 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Instrument :
 BNA_N
 ClientSampled :
 COMP-5-(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	112019		
101	7.3		5.2	7.8
203	17.4		13.6	20.4

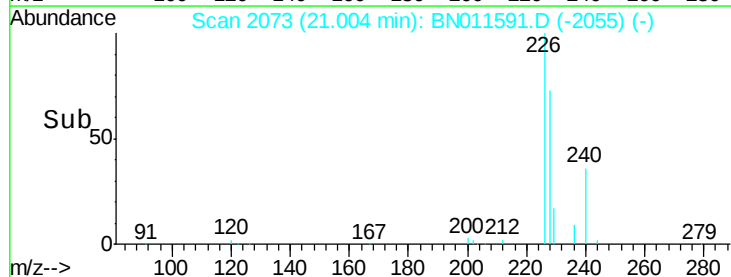
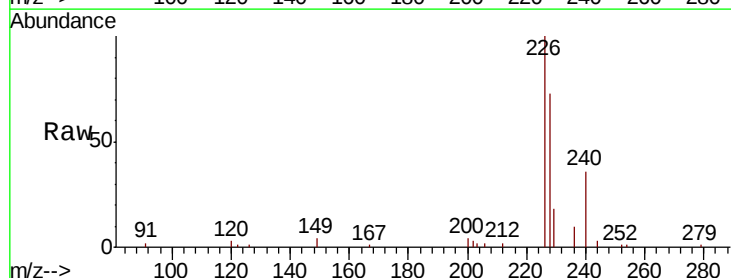
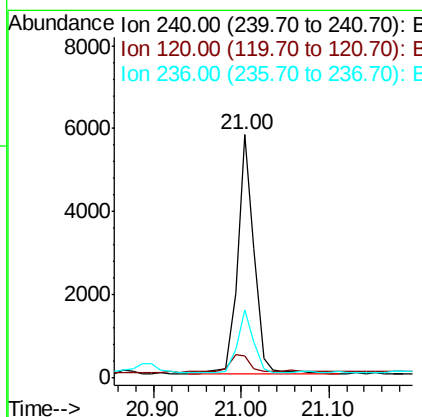
Manual Integrations
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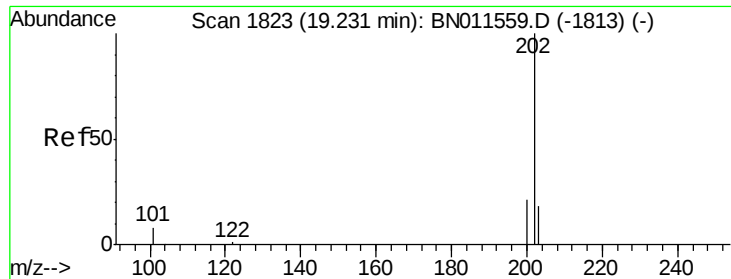
Sohil
 8/24/2020 1:51:02 PM



#29
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	7565		
120	9.2		7.4	11.0
236	28.1		22.3	33.5





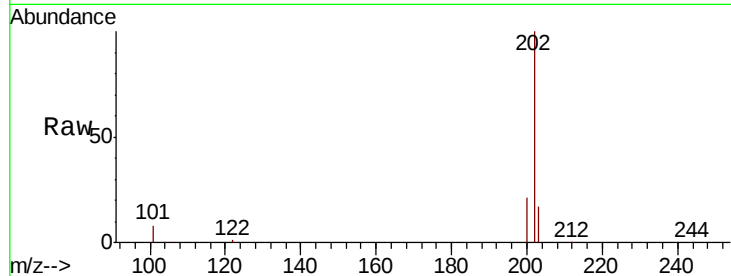
#30
Pvrene
Concen: 4.375 ng
RT: 19.22 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.2	14.2	21.2

Manual Integrations
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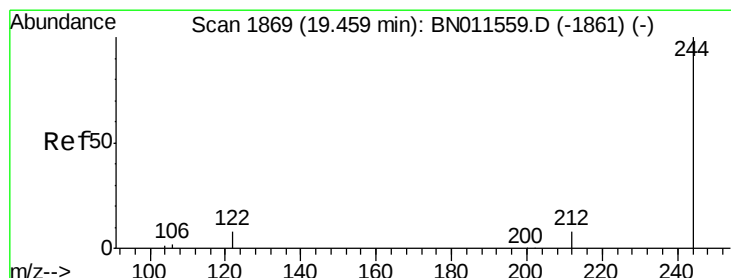
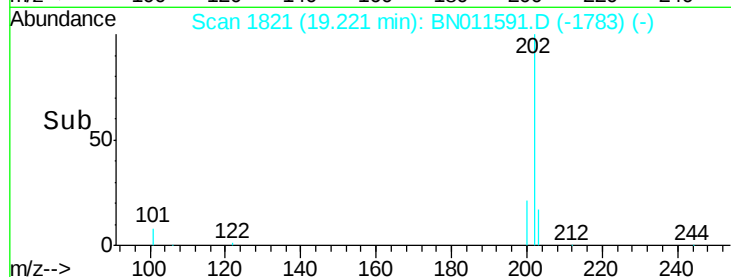
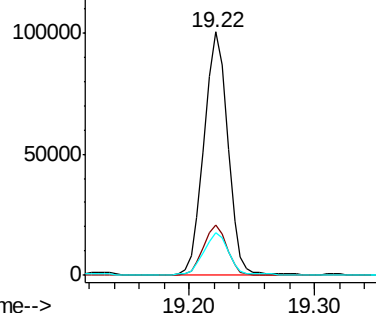


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.45 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

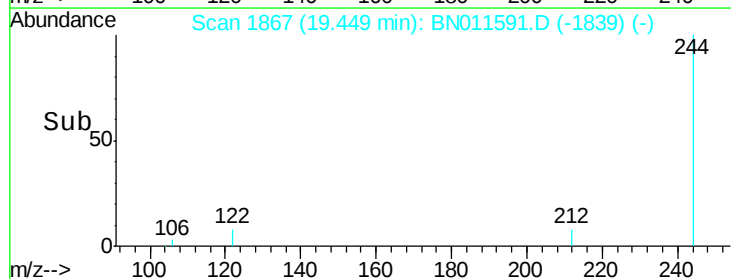
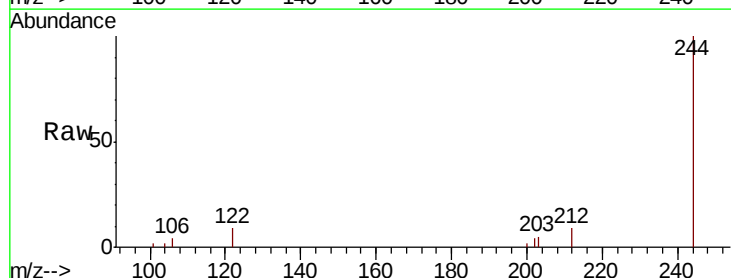
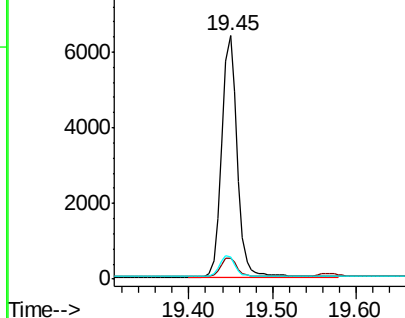
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.2	12.4
122	9.2	8.0	12.0

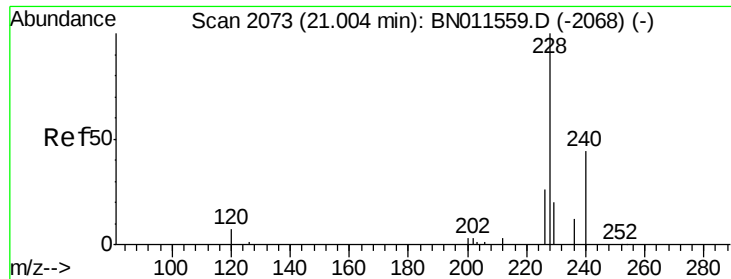
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





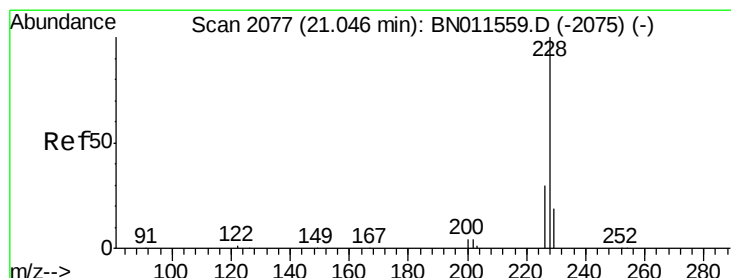
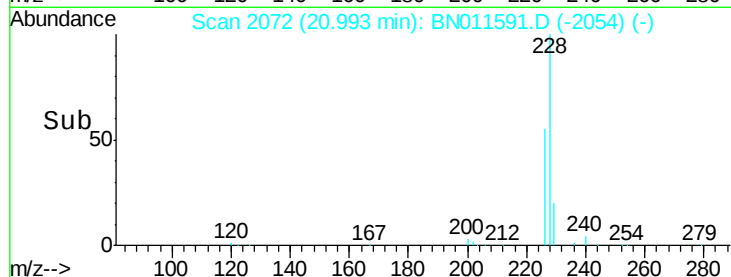
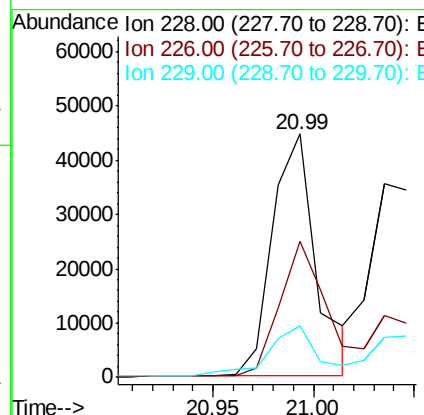
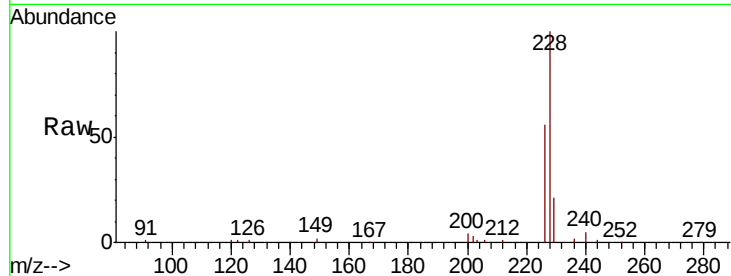
#32
Benzo(a)anthracene
Concen: 2.715 ng m
RT: 20.99 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	55.8	22.2	33.2
229	21.2	16.9	25.3

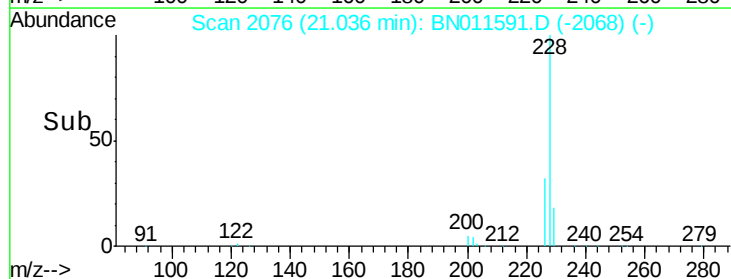
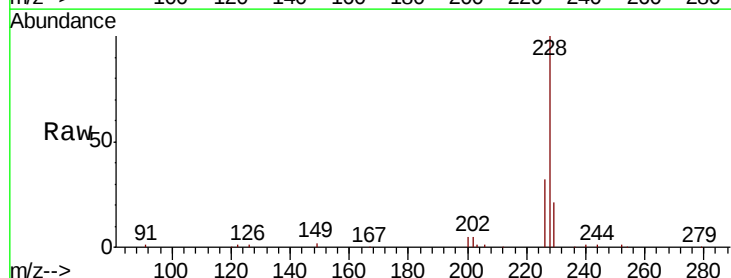
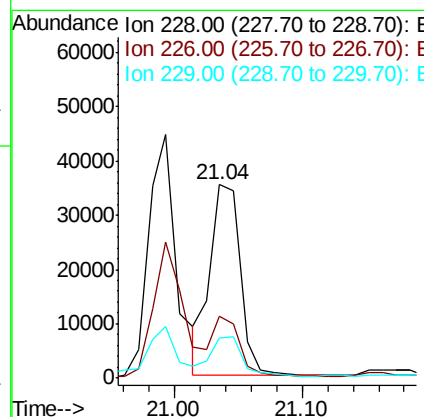
Manual Integrations
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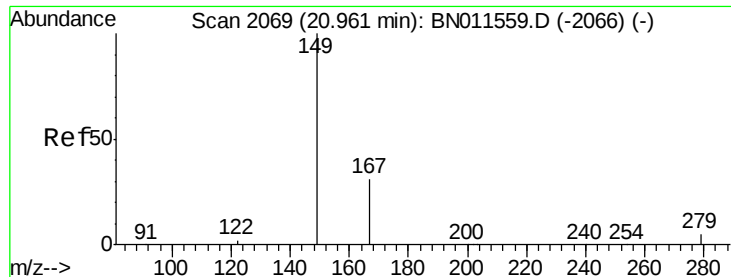
Sohil
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#33
Chrysene
Concen: 2.049 ng
RT: 21.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	20.9	16.2	24.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Instrument :

BNA_N

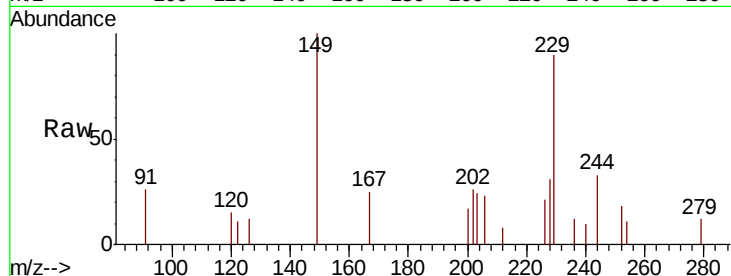
ClientSampled :

COMP-5-(4-5)

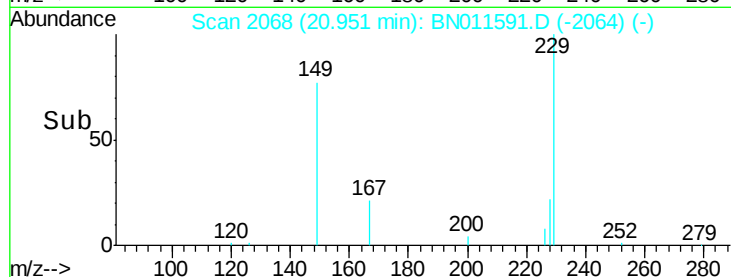
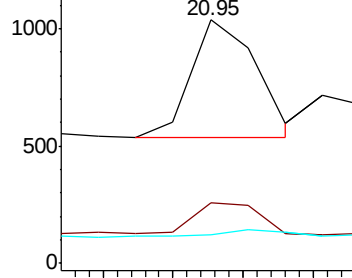
Tot Ion:	149	Resp:	638
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.8	34.2
279	7.4	4.2	6.2#

Manual Integrations
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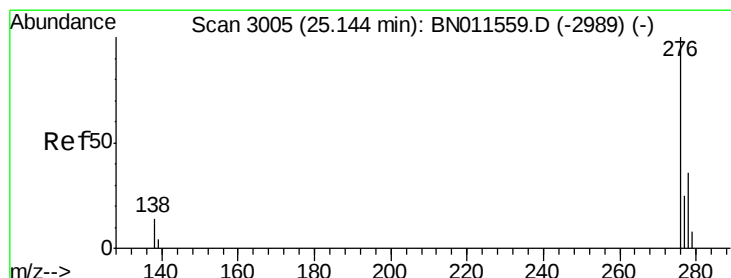
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#35

Indeno(1,2,3-cd)pyrene

Concen: 2.205 ng

RT: 25.12 min Scan# 2998

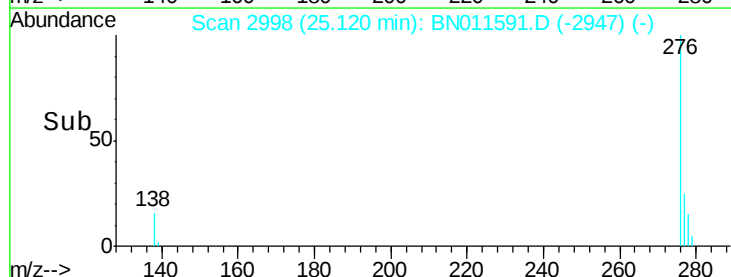
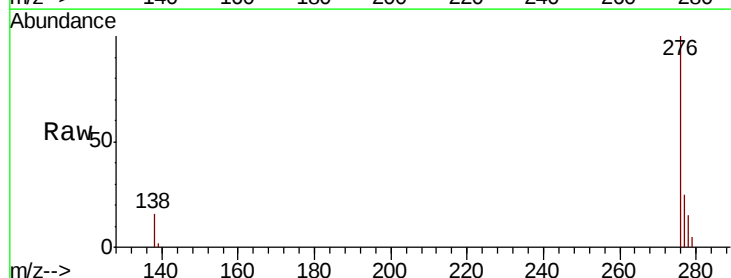
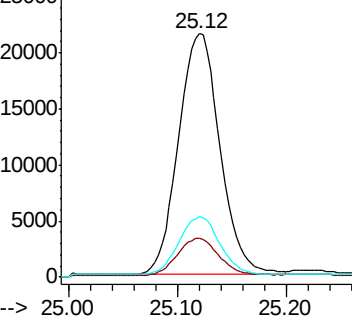
Delta R.T. -0.02 min

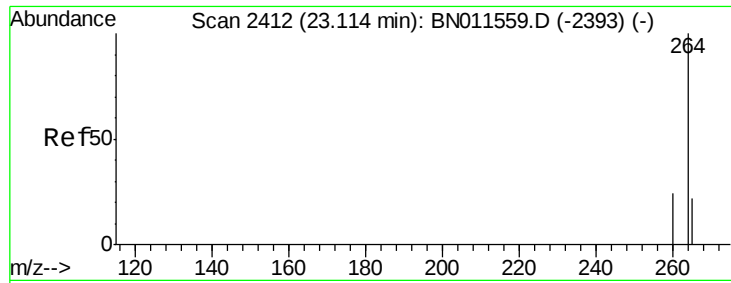
Lab File: BN011591.D

Acq: 22 Aug 2020 17:33

Tgt Ion:	276	Resp:	56614
Ion Ratio	Lower	Upper	
276	100		
138	15.3	11.6	17.4
277	23.6	18.2	27.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





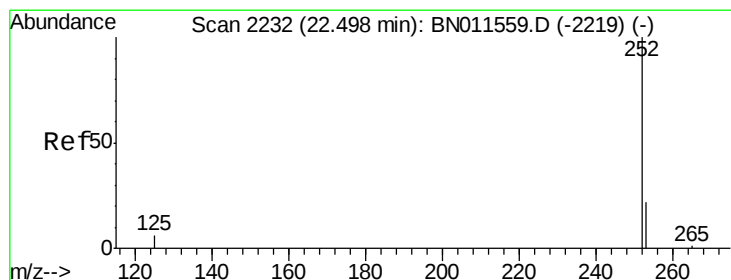
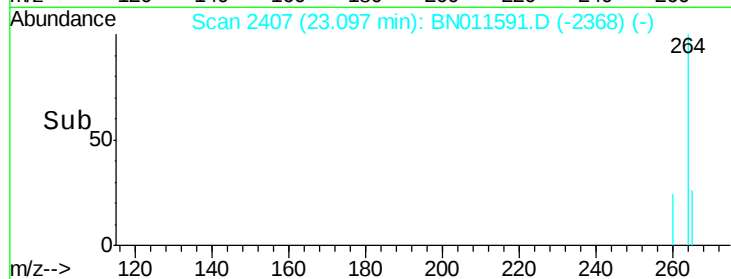
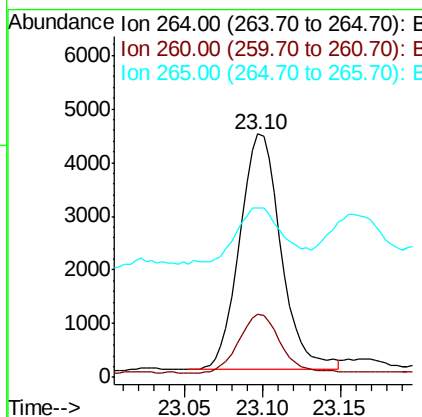
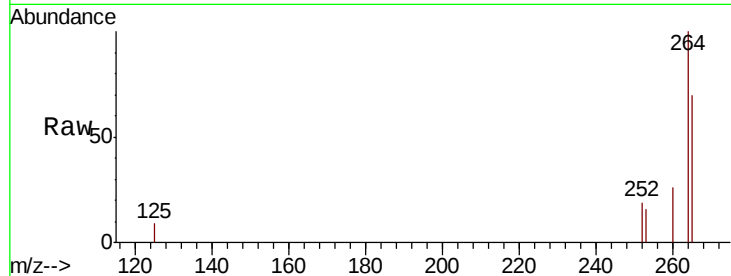
#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2407
 Delta R.T. -0.02 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Instrument :
 BNA_N
 ClientSampled :
 COMP-5-(4-5)

Tot Ion:264 Resp: 8136
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.3 30.5
 265 69.8 96.1 144.1#

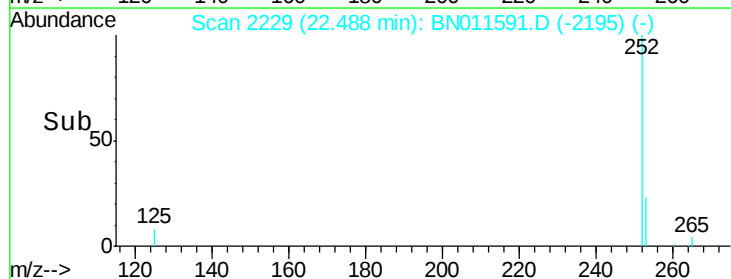
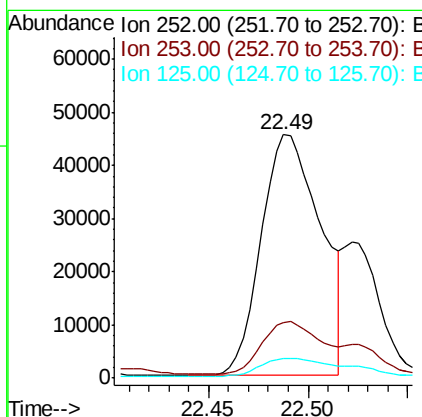
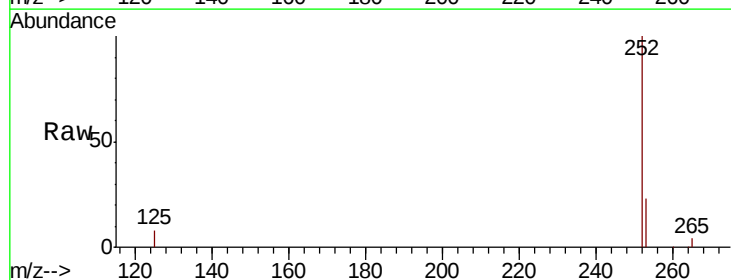
Manual Integrations
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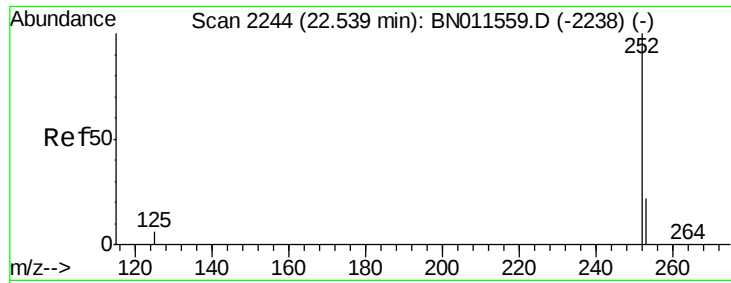
Sohil
 8/24/2020 1:51:02 PM



#37
 Benzo(b)fluoranthene
 Concen: 3.151 ng m
 RT: 22.49 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BN011591.D
 Acq: 22 Aug 2020 17:33

Tgt Ion:252 Resp: 94778
 Ion Ratio Lower Upper
 252 100
 253 23.0 25.5 38.3#
 125 8.3 10.2 15.4#





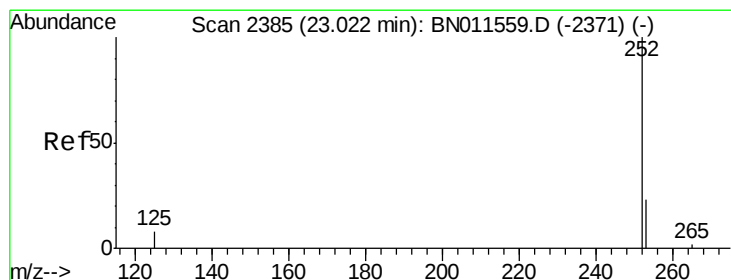
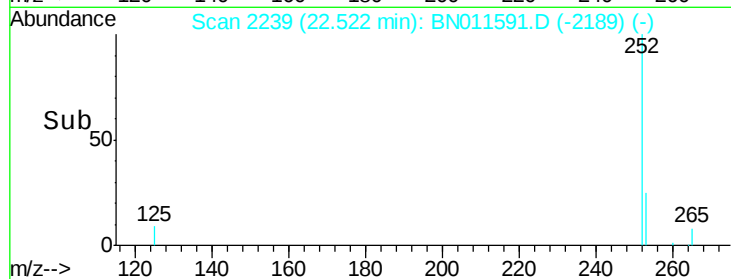
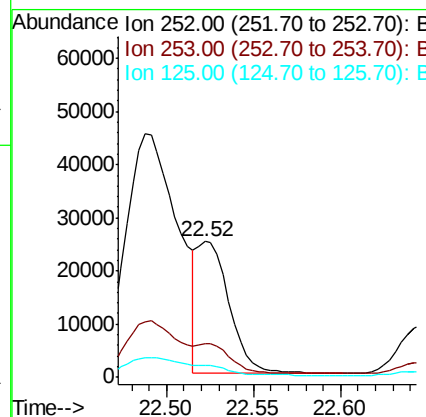
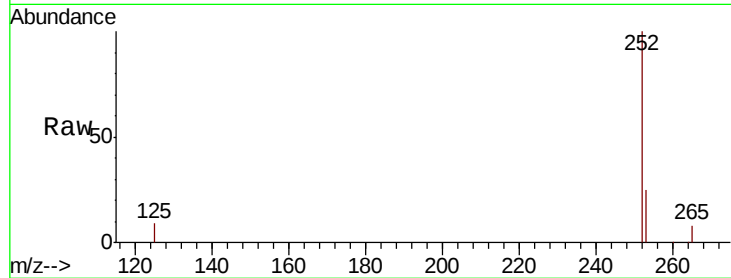
#38
Benzo(k)fluoranthene
Concen: 0.876 ng m
RT: 22.52 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	25.8	38.6#
125	9.1	10.8	16.2#

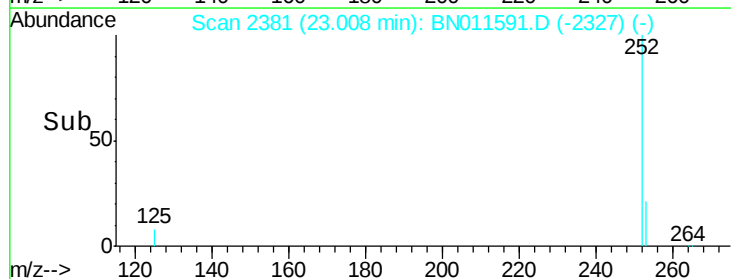
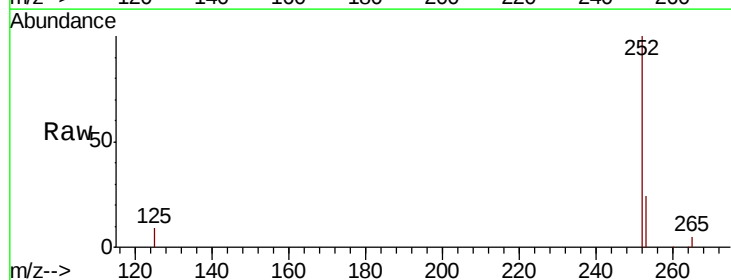
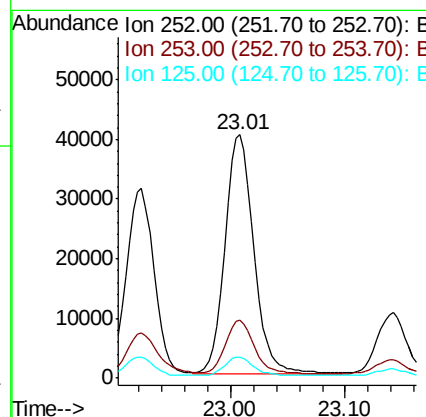
Manual Integrations
APPROVED

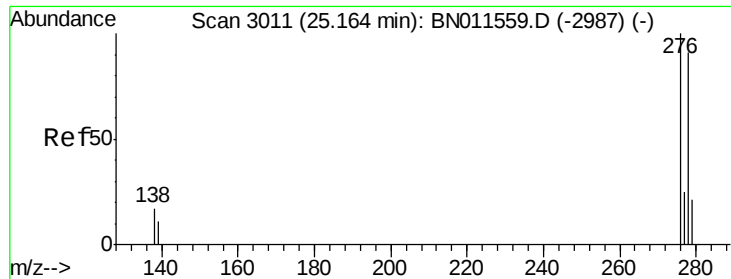
Sohil
8/24/2020 1:51:02 PM



#39
Benzo(a)pyrene
Concen: 2.568 ng
RT: 23.01 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	31.8	47.8#
125	8.7	15.4	23.0#





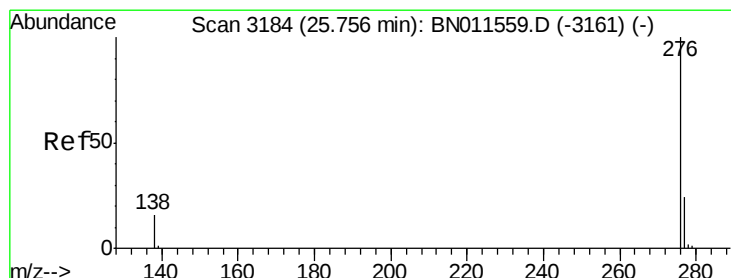
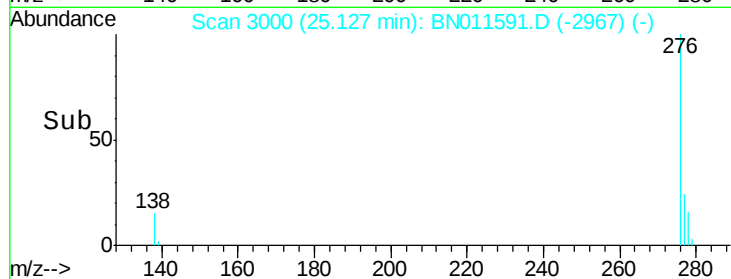
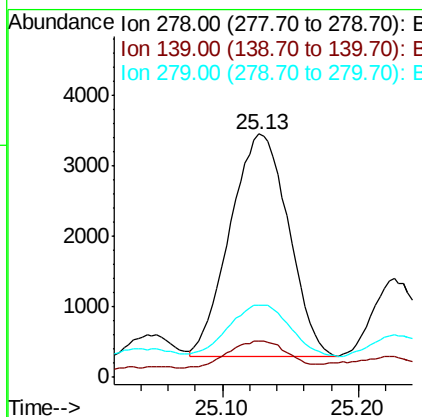
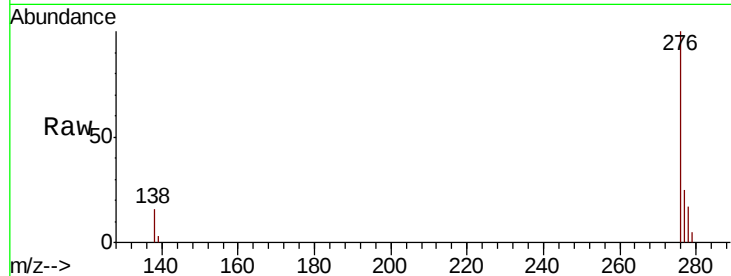
#40
Dibenzo(a,h)anthracene
Concen: 0.402 ng m
RT: 25.13 min Scan# 3000
Delta R.T. -0.04 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	14.0	21.0
279	29.6	32.4	48.6

Manual Integrations
APPROVED

Sohil
8/24/2020 1:51:02 PM



#41
Benzo(g,h,i)perylene
Concen: 2.637 ng
RT: 25.73 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BN011591.D
Acq: 22 Aug 2020 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	22.1	33.1
138	16.2	15.4	23.2

