

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011439.D
 Acq On : 14 Aug 2020 23:00
 Operator : CG/JU
 Sample : L3631-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMN5

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 17 02:14:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	186165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	796795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	477150	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1012882	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	906802	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	950749	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	13338	3.44	ng/uL	0.00
5) Phenol-d5	6.64	99	257573	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	155126	23.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	236996	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	201999	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	120596	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	136191	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	223842	17.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	247050	15.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	726808	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	872091	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	96751	15.37	ng/ul	0.00
58) Fluorene-d10	15.07	176	591273	18.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	82388	12.26	ng/ul	0.00
71) Anthracene-d10	16.92	188	921971	19.05	ng/ul	0.00
79) Pyrene-d10	19.23	212	1014867	21.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	982928	18.62	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.66	94	34702	2.586	ng/ul#	94
45) Dimethylphthalate	13.55	163	158320	4.151	ng/ul	99
48) Acenaphthylene	13.79	152	111725	2.412	ng/ul#	95
70) Phenanthrene	16.87	178	693982	11.551	ng/ul	97
72) Anthracene	16.96	178	89867	1.477	ng/ul	95
77) Fluoranthene	18.90	202	1353255	18.408	ng/ul	98
80) Pyrene	19.26	202	1424479	22.323	ng/ul	98
83) Benzo(a)anthracene	21.03	228	618903	10.259	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	20.99	149	70611	2.175	ng/ul	98
85) Chrysene	21.08	228	757550	12.642	ng/ul	99
88) Benzo(b)fluoranthene	22.54	252	1002730	15.086	ng/ul	98
89) Benzo(k)fluoranthene	22.57	252	328891m	4.982	ng/ul	
91) Benzo(a)pyrene	23.06	252	613869	10.024	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.20	276	451321	5.750	ng/ul	97
93) Dibenzo(a,h)anthracene	25.21	278	120058m	1.827	ng/ul	
94) Benzo(g,h,i)perylene	25.83	276	381629	5.865	ng/ul	94

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

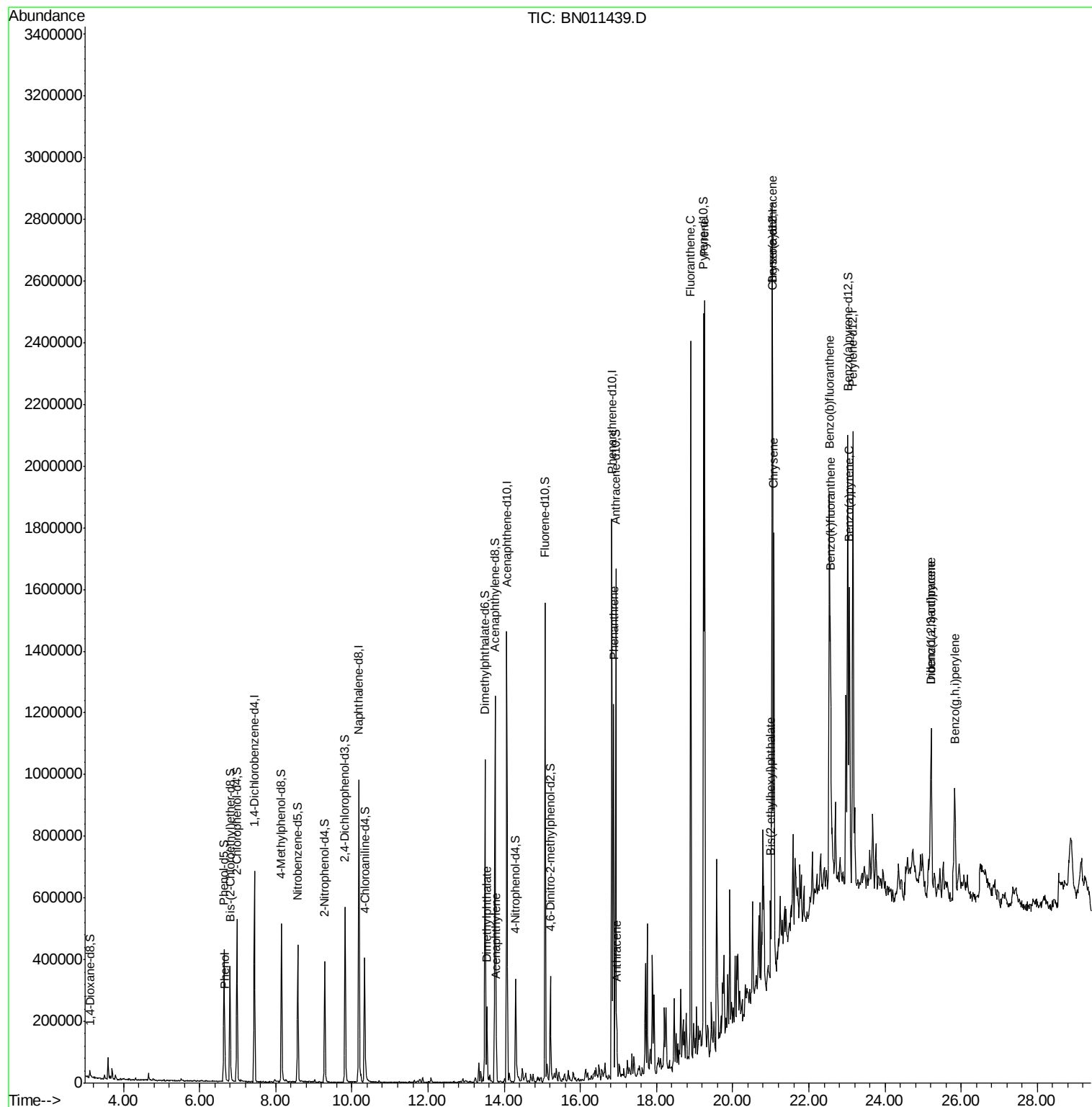
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

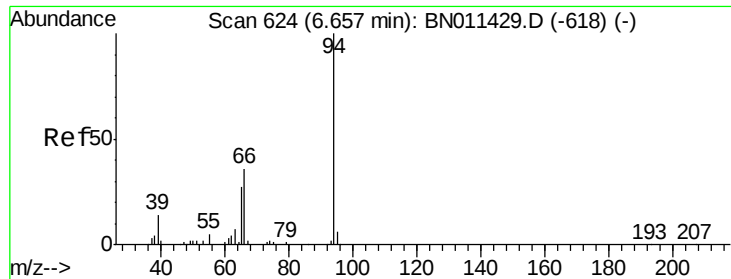
Instrument :
BNA_N
ClientSampleId :
BFMN5

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Quant Time: Aug 17 02:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:29:31 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.586 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Instrument :

BNA_N

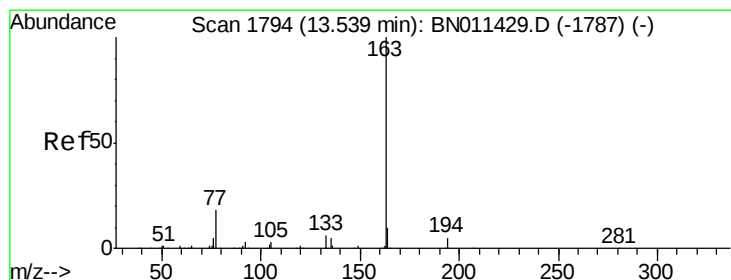
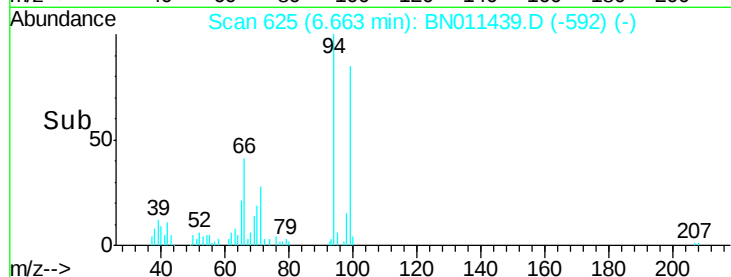
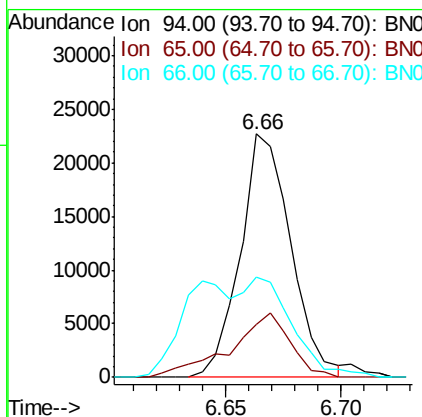
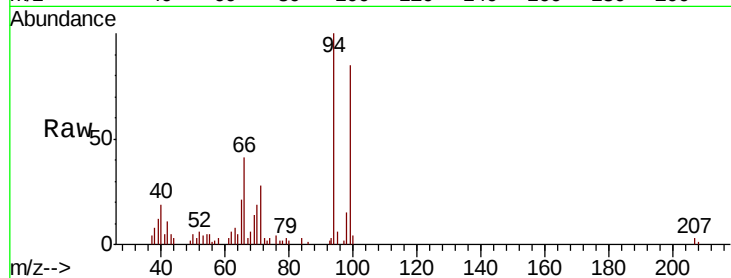
ClientSampleId :

BFMN5

Tot Ion:	94	Resp:	34702
Ion	Ratio	Lower	Upper
94	100		
65	21.5	22.1	33.1#
66	41.4	32.1	48.1

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#45

Dimethylphthalate

Concen: 4.151 ng/ul

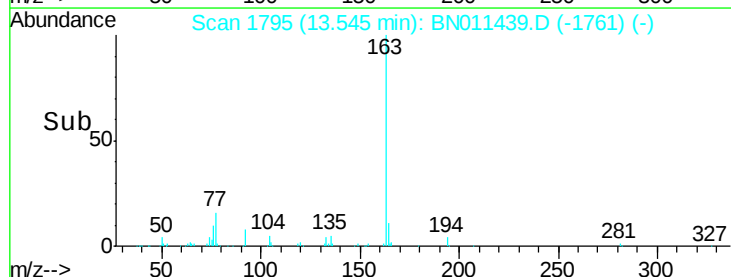
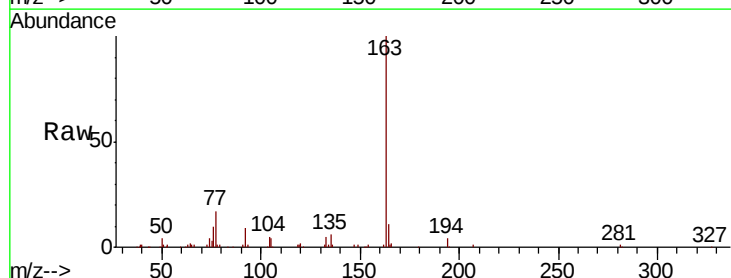
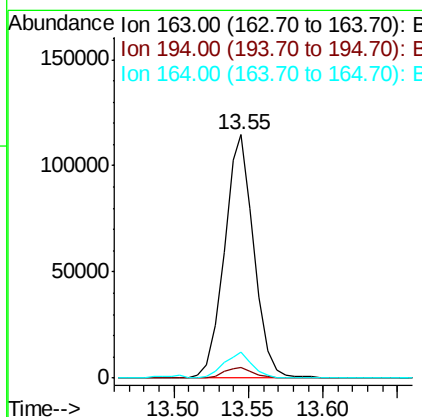
RT: 13.55 min Scan# 1795

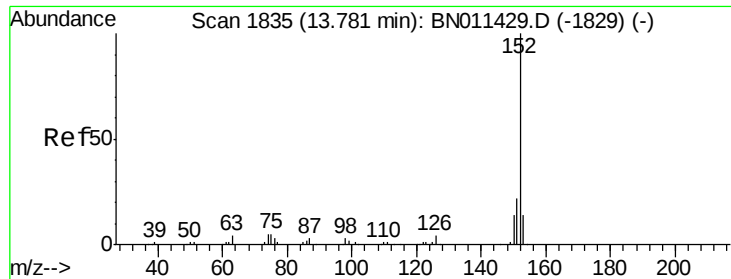
Delta R.T. -0.00 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Tgt Ion:	163	Resp:	158320
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	10.6	8.7	13.1





#48

Acenaphthylene

Concen: 2.412 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Instrument :

BNA_N

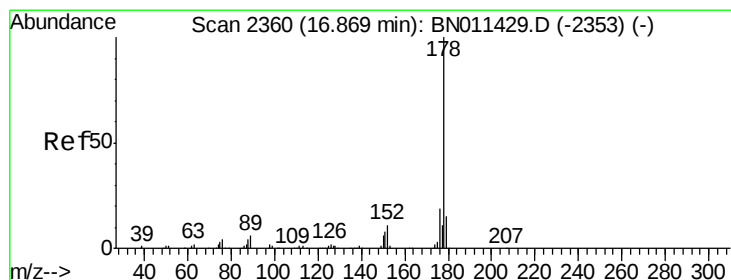
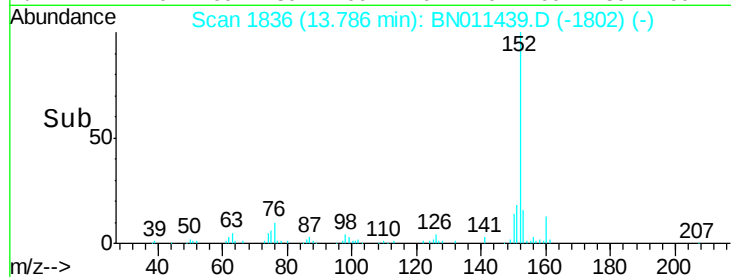
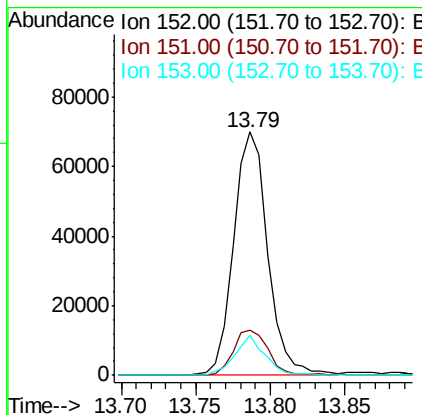
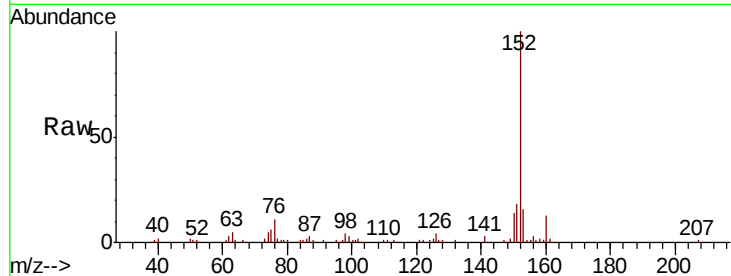
ClientSampleId :

BFMN5

Tot Ion:	152	Resp:	111725
Ion Ratio	Lower	Upper	
152	100		
151	18.4	15.4	23.2
153	16.4	9.9	14.9#

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#70

Phenanthrene

Concen: 11.551 ng/ul

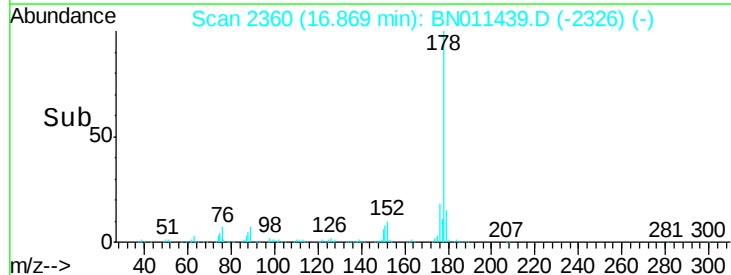
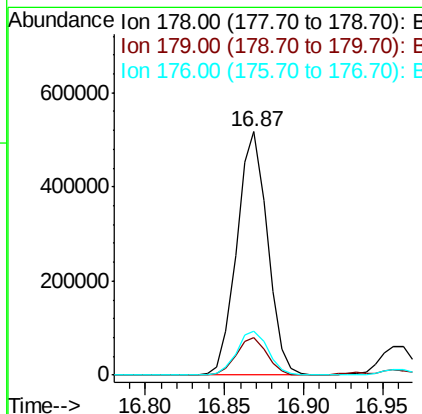
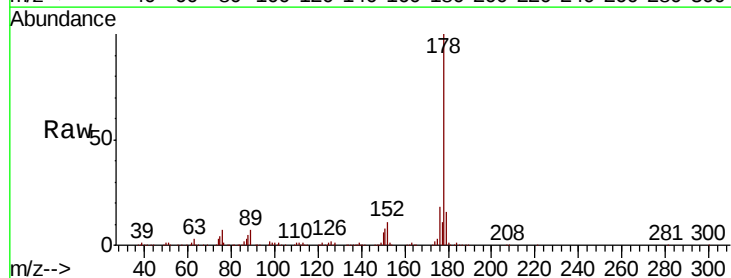
RT: 16.87 min Scan# 2360

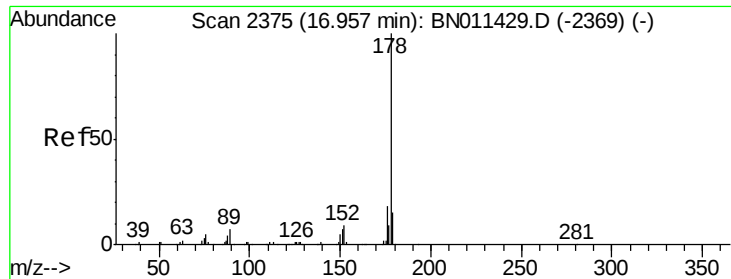
Delta R.T. -0.00 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Tgt Ion:	178	Resp:	693982
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.1	19.7
176	18.0	15.7	23.5





#72

Anthracene

Concen: 1.477 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Instrument :

BNA_N

ClientSampleId :

BFMN5

Tot Ion:178 Resp: 89867

Ion Ratio Lower Upper

178 100

179 18.4 13.0 19.4

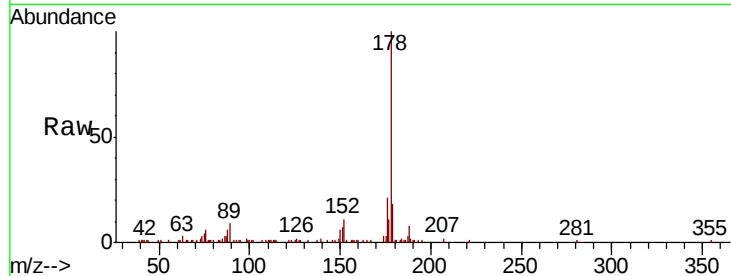
176 20.6 14.6 21.8

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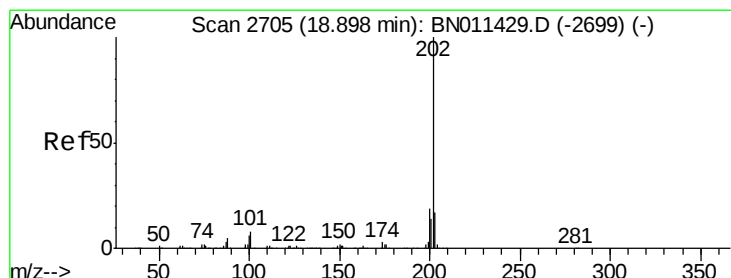
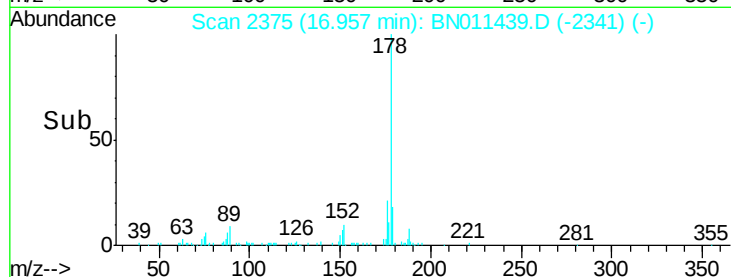
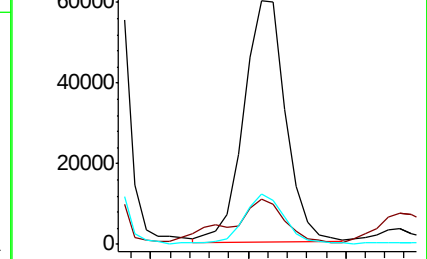
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 18.408 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.00 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

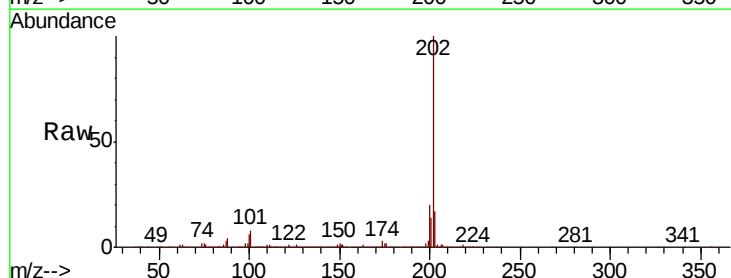
Tgt Ion:202 Resp: 1353255

Ion Ratio Lower Upper

202 100

101 7.9 7.3 10.9

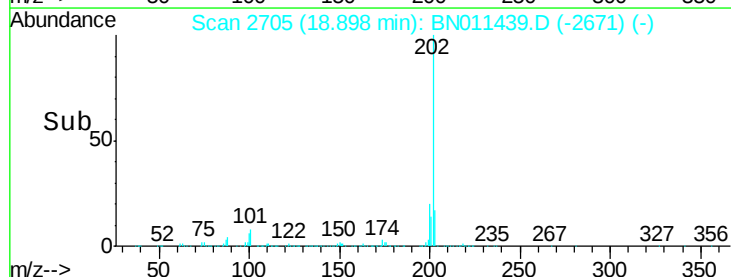
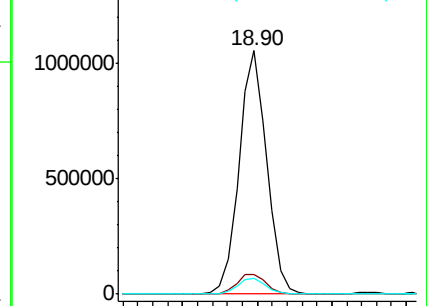
100 6.3 5.2 7.8

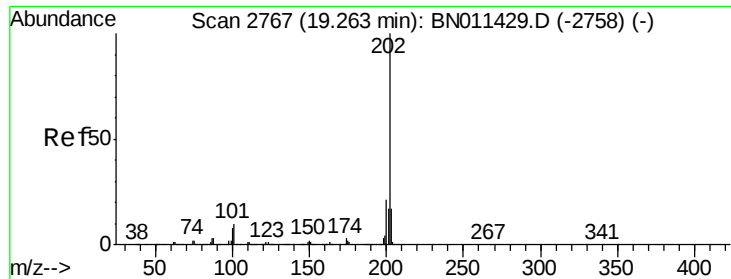


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





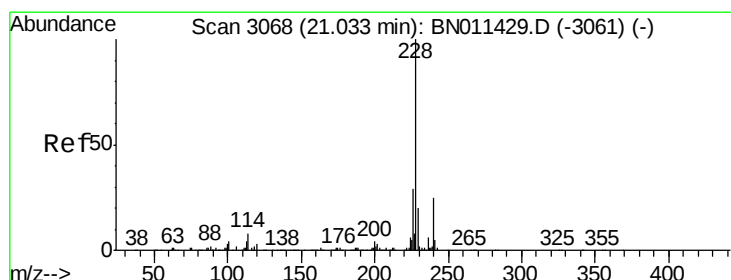
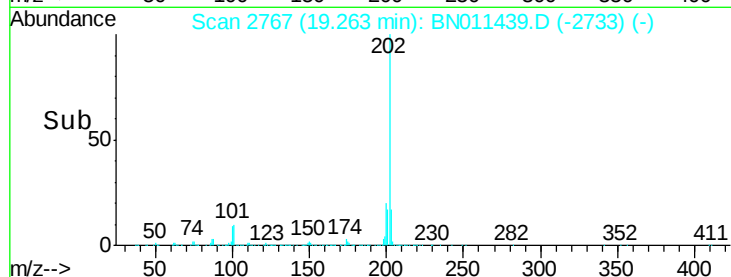
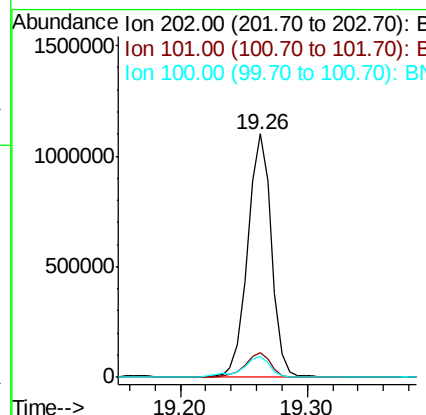
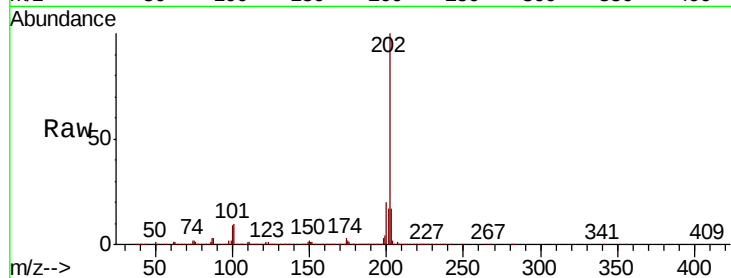
#80
Pvrene
Concen: 22.323 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Instrument :
BNA_N
ClientSampleId :
BFMN5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.8	11.8
100	8.7	6.5	9.7

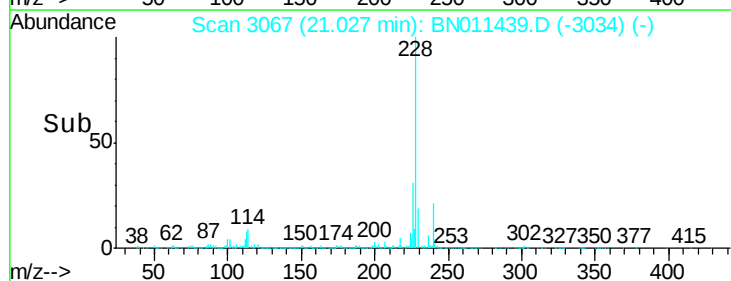
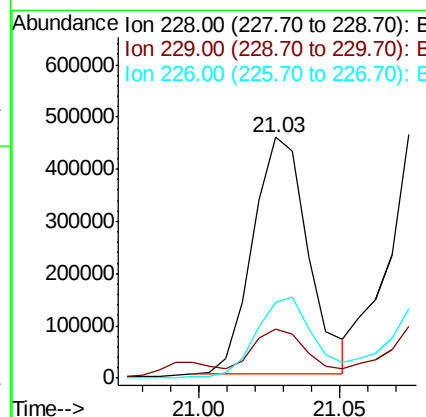
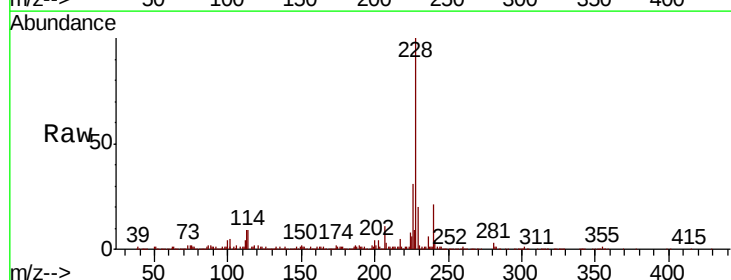
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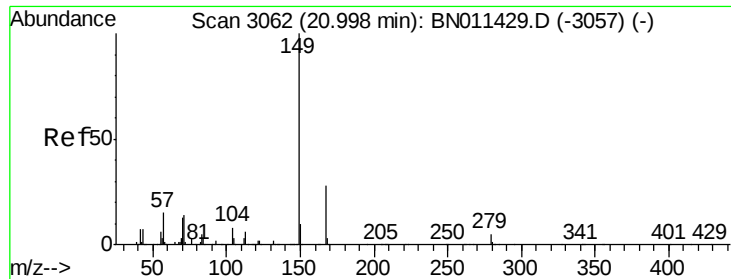
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#83
Benzo(a)anthracene
Concen: 10.259 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.0	22.4
226	31.4	21.5	32.3





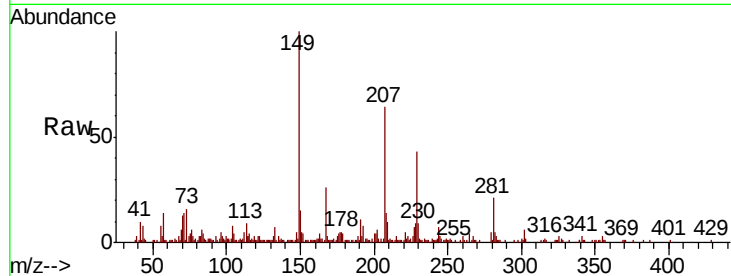
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.175 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Instrument :
BNA_N
ClientSampleId :
BFMN5

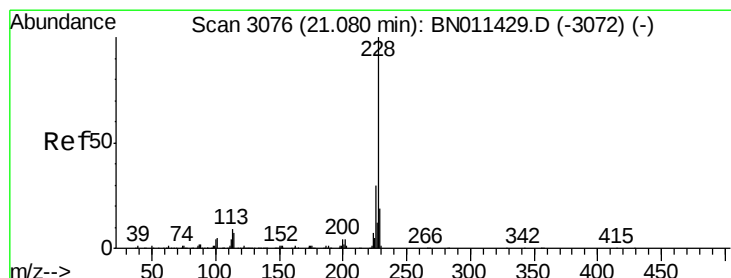
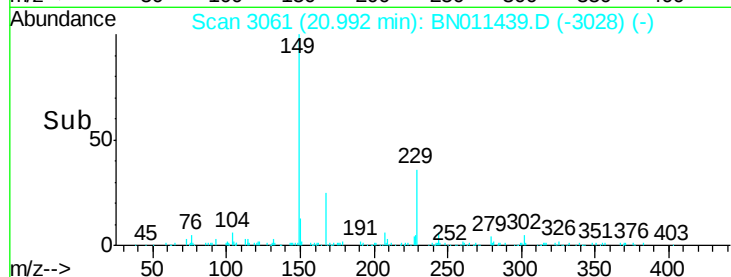
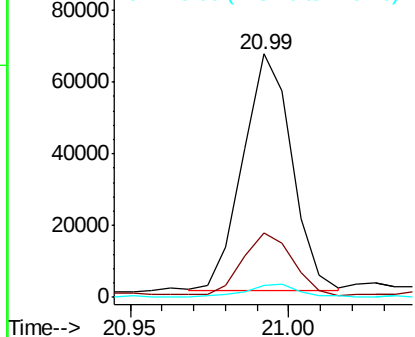
Tot Ion:	149	Resp:	70611
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.6
279	4.8	3.3	4.9

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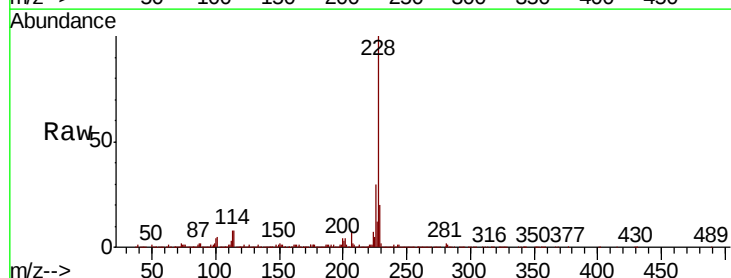


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

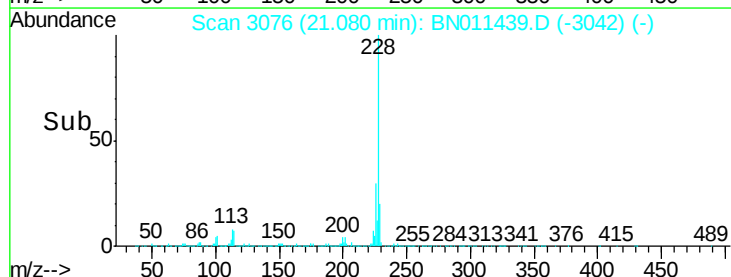
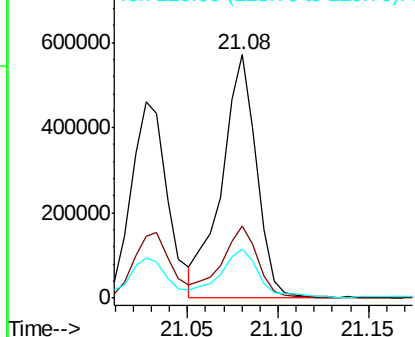


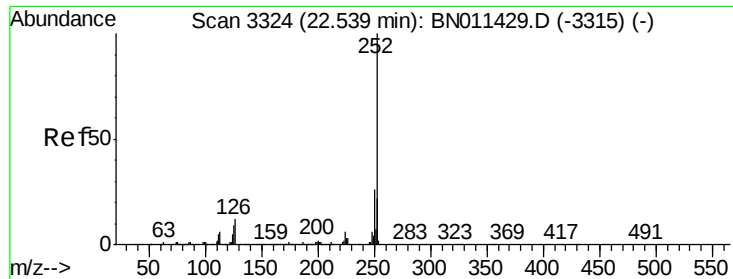
#85
Chrysene
Concen: 12.642 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Tgt Ion:	228	Resp:	757550
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.5	35.3
229	20.0	15.0	22.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





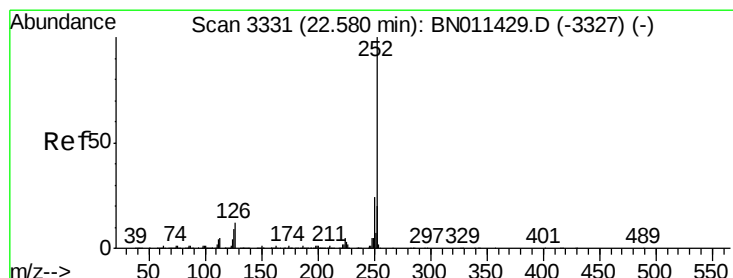
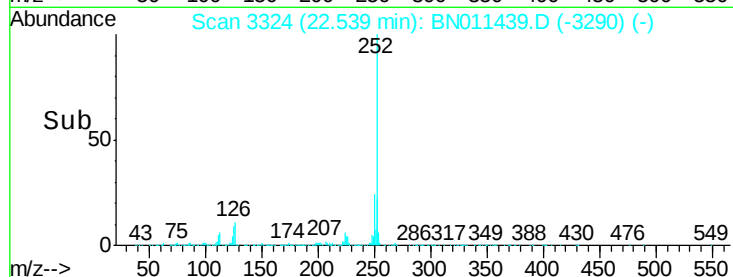
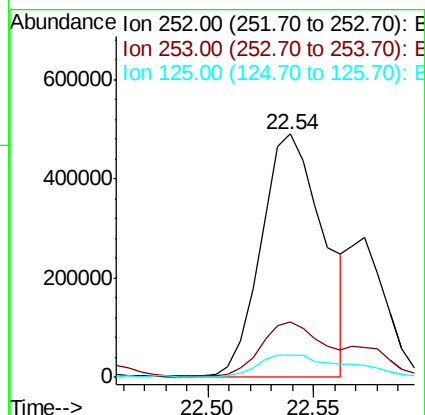
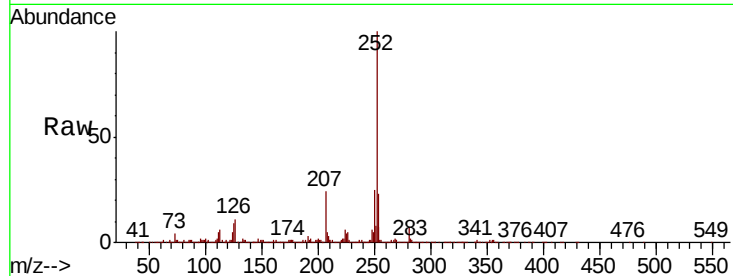
#88
Benzo(b)fluoranthene
Concen: 15.086 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Instrument :
BNA_N
ClientSampleId :
BFMN5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.9	6.6	9.8

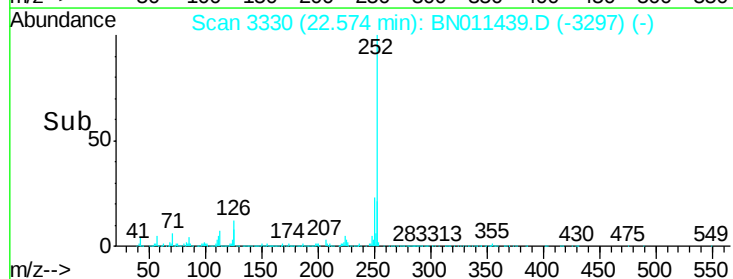
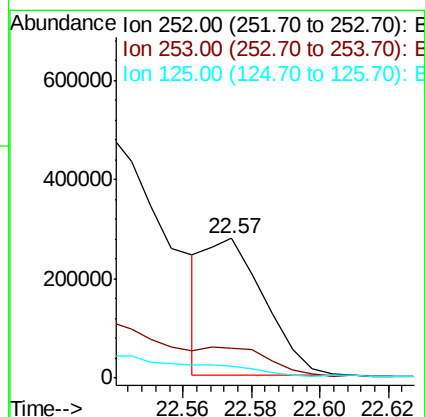
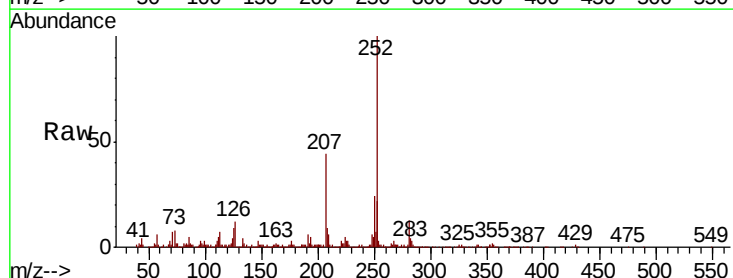
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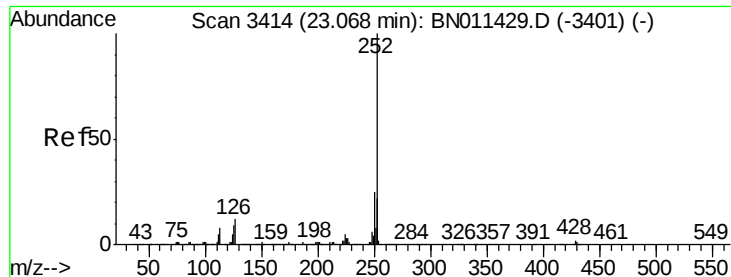
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#89
Benzo(k)fluoranthene
Concen: 4.982 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	15.8	23.6
125	8.7	6.0	9.0





#91

Benzo(a)pyrene

Concen: 10.024 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Instrument :

BNA_N

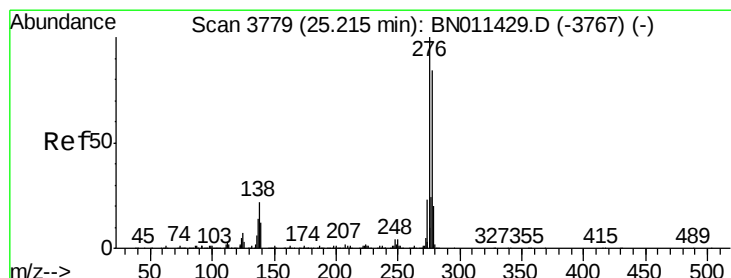
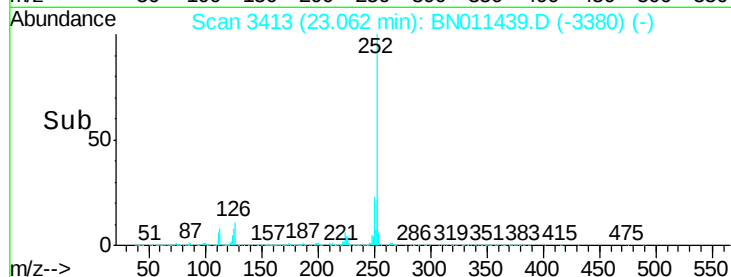
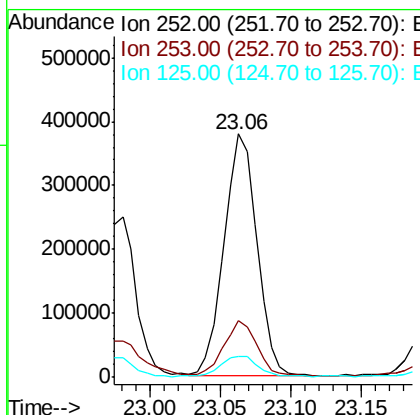
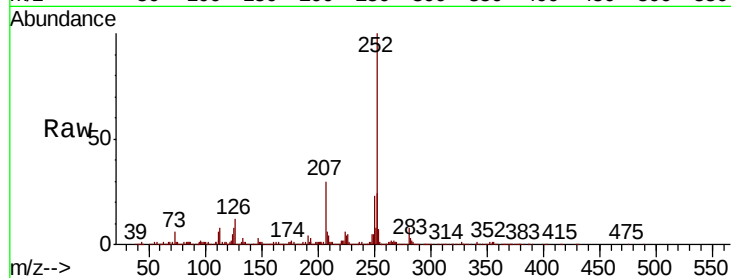
ClientSampled :

BFMN5

Tot Ion:	252	Resp:	613869
Ion Ratio	Lower	Upper	
252	100		
253	23.5	16.6	25.0
125	8.5	7.1	10.7

Manual Integrations
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8/18/2020 1:48:19 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 5.750 ng/ul

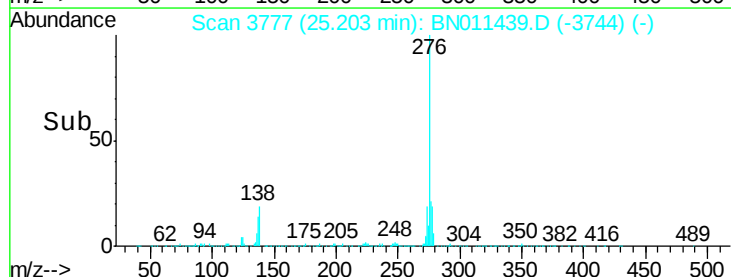
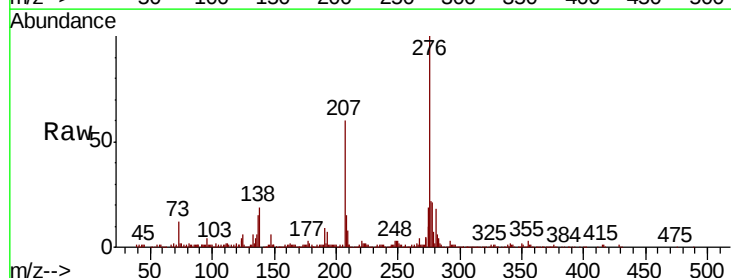
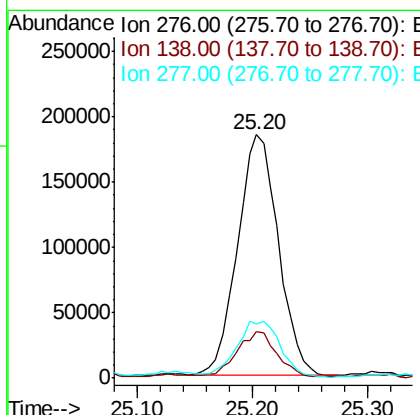
RT: 25.20 min Scan# 3777

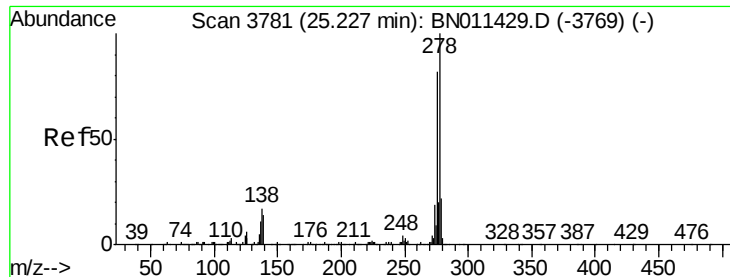
Delta R.T. -0.01 min

Lab File: BN011439.D

Acq: 14 Aug 2020 23:00

Tgt Ion:	276	Resp:	451321
Ion Ratio	Lower	Upper	
276	100		
138	19.2	17.0	25.4
277	22.0	18.1	27.1





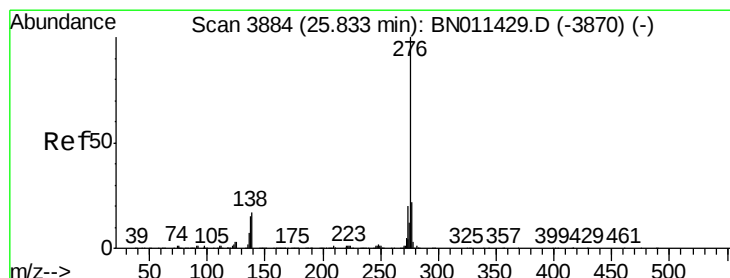
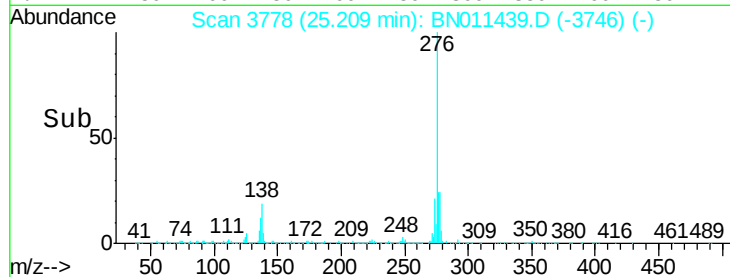
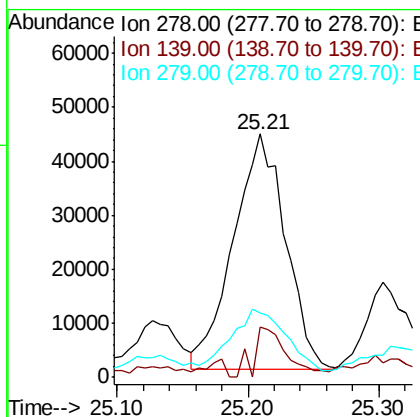
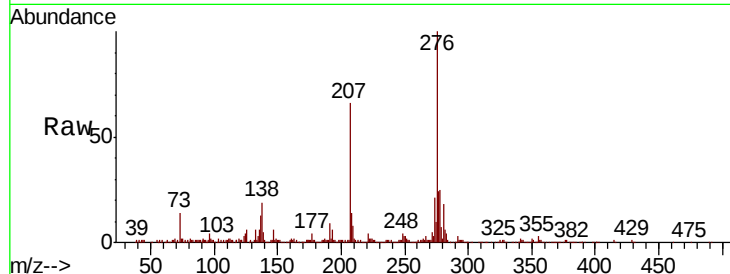
#93
Dibenzo(a,h)anthracene
Concen: 1.827 ng/ul m
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Instrument :
BNA_N
ClientSampleId :
BFMN5

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	11.7	17.5#
279	26.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
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#94
Benzo(g,h,i)perylene
Concen: 5.865 ng/ul
RT: 25.83 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BN011439.D
Acq: 14 Aug 2020 23:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.3	22.9
277	23.8	16.2	24.4

