

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011476.D
 Acq On : 18 Aug 2020 07:14
 Operator : CG/JU
 Sample : L3631-11DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 BFMM7DL

Manual Integrations
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Quant Time: Aug 18 08:11:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 06:41:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	168669	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	680547	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.07	164	397189	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	866156	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	989549	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1003923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3712	1.06	ng/uL	0.00
5) Phenol-d5	6.64	99	66393	5.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	39721	6.53	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	67593	6.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	56209	5.80	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	30217	5.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	34791	5.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	69380	6.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	71339	5.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	238552	7.71	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	257040	6.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	20754	3.96	ng/ul	0.00
58) Fluorene-d10	15.07	176	208848	7.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	18871	3.29	ng/ul	0.00
71) Anthracene-d10	16.92	188	293808	7.10	ng/ul	0.00
79) Pyrene-d10	19.23	212	363411	7.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	383160	6.87	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.54	163	40874	1.288	ng/ul 99
50) Acenaphthene	14.13	153	33751	1.251	ng/ul 94
54) Dibenzofuran	14.47	168	54526	1.393	ng/ul 99
59) Fluorene	15.13	166	61810	1.960	ng/ul 95
70) Phenanthrene	16.87	178	2341603	45.579	ng/ul 98
72) Anthracene	16.96	178	540968	10.396	ng/ul 97
75) Carbazole	17.23	167	302033	6.902	ng/ul 99
77) Fluoranthene	18.90	202	3374671	53.681	ng/ul 99
80) Pvrene	19.26	202	3031232	43.530	ng/ul 99
83) Benzo(a)anthracene	21.03	228	1905364	28.942	ng/ul 97
85) Chrysene	21.08	228	1742422	26.646	ng/ul 96
88) Benzo(b)fluoranthene	22.54	252	1649728m	23.505	ng/ul
89) Benzo(k)fluoranthene	22.56	252	683435m	9.805	ng/ul
91) Benzo(a)pyrene	23.06	252	1203494	18.611	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.20	276	651372	7.859	ng/ul 97
93) Dibenzo(a,h)anthracene	25.20	278	225726	3.253	ng/ul# 82
94) Benzo(g,h,i)perylene	25.82	276	471303	6.859	ng/ul 96

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

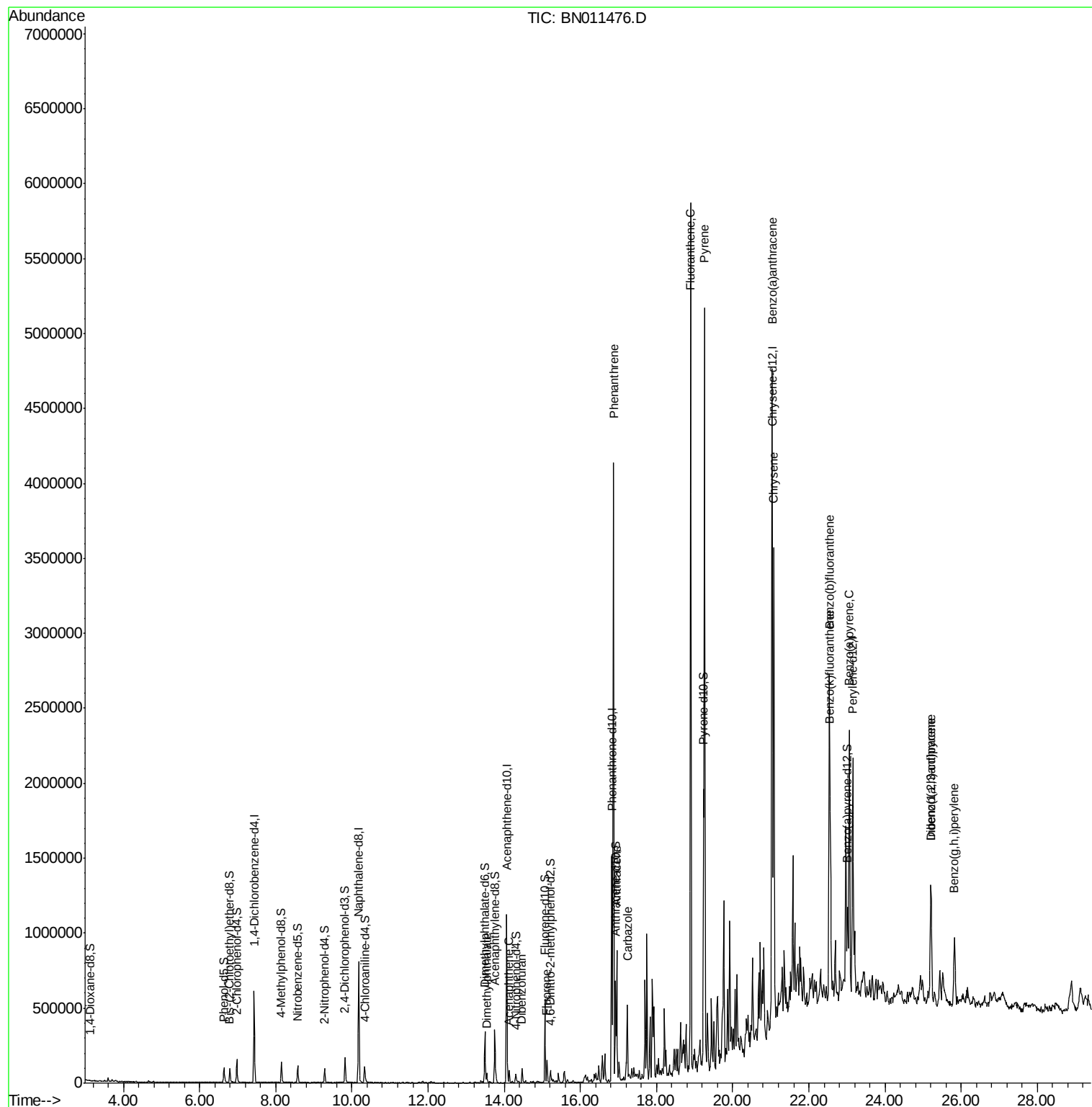
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011476.D
Acq On : 18 Aug 2020 07:14
Operator : CG/JU
Sample : L3631-11DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

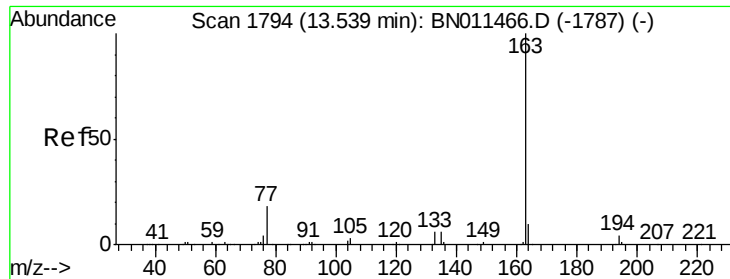
Instrument :
BNA_N
ClientSampleId :
BFMM7DL

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Quant Time: Aug 18 08:11:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
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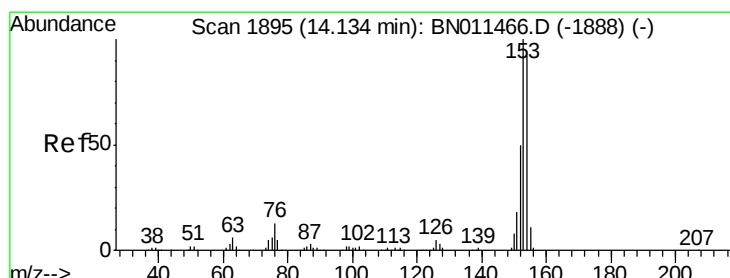
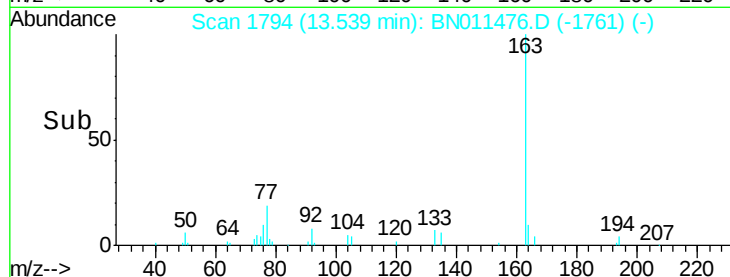
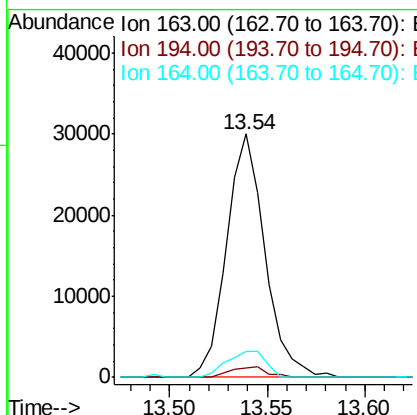
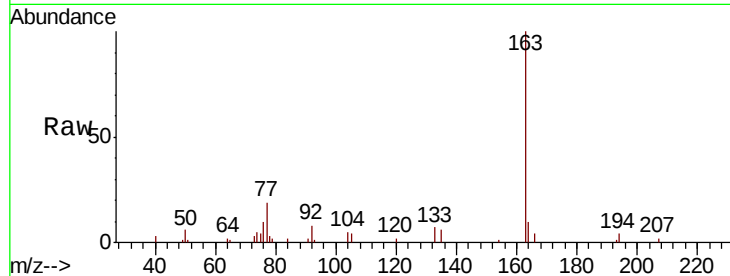
#45
Dimethylphthalate
Concen: 1.288 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	10.5	8.7	13.1

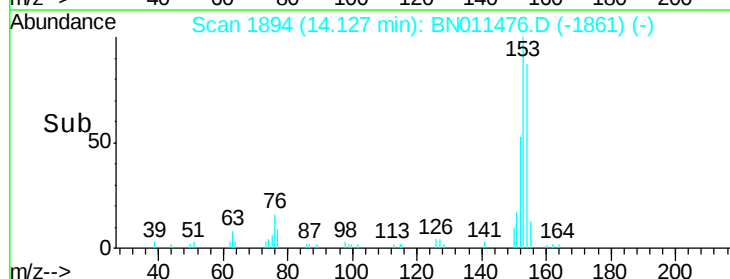
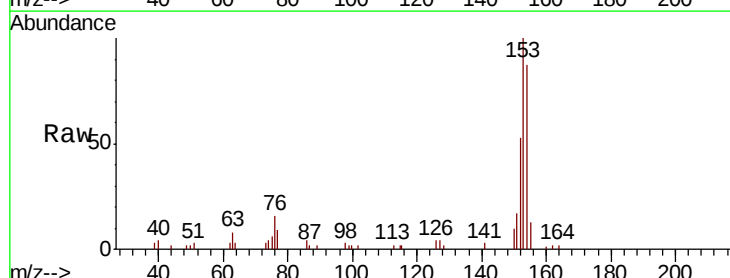
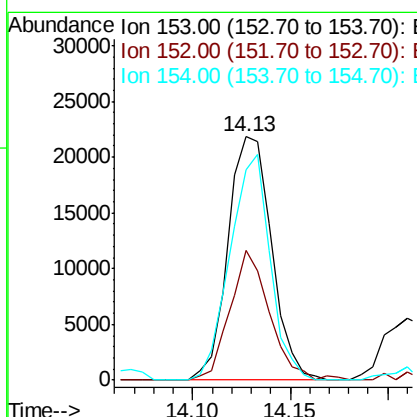
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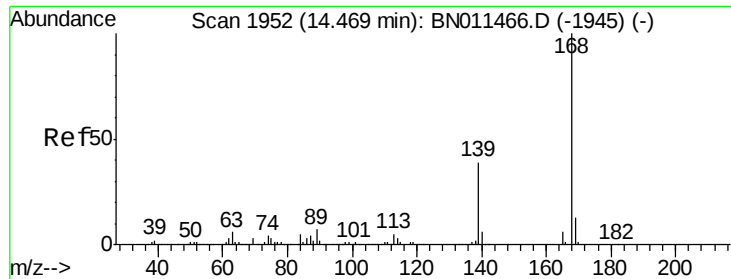
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#50
Acenaphthene
Concen: 1.251 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.4	37.6	56.4
154	86.6	72.0	108.0





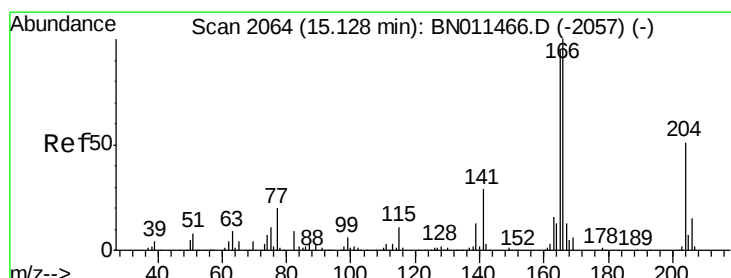
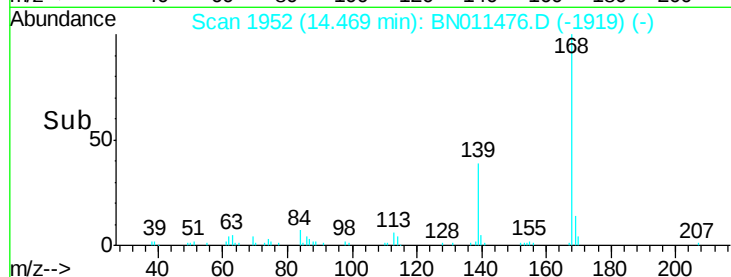
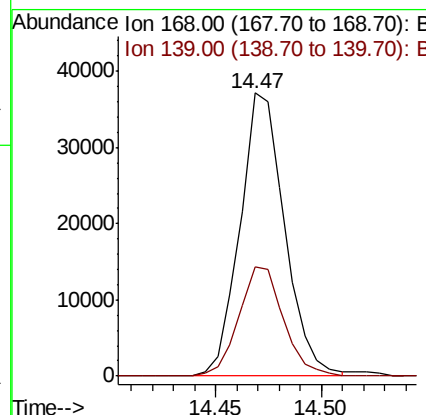
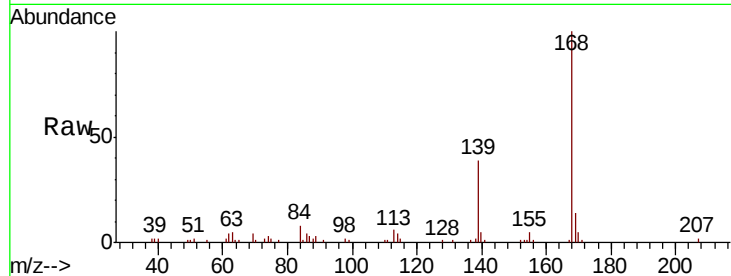
#54
Dibenzenofuran
Concen: 1.393 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7

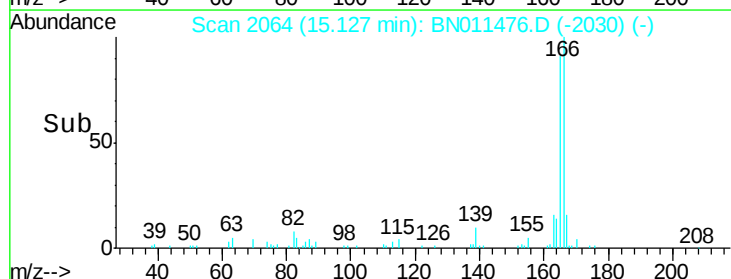
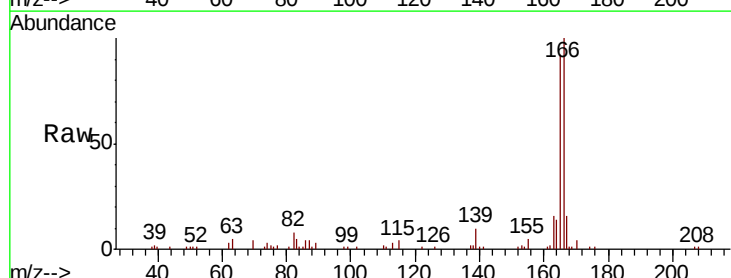
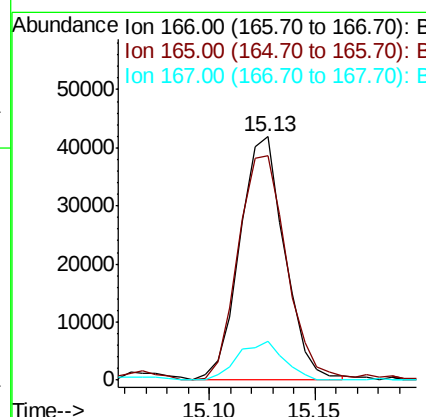
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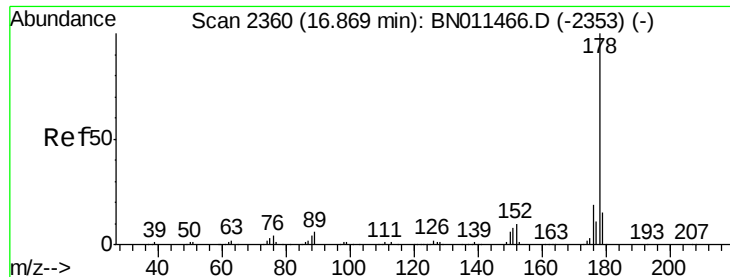
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#59
Fluorene
Concen: 1.960 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.0	78.0	117.0
167	16.1	11.9	17.9





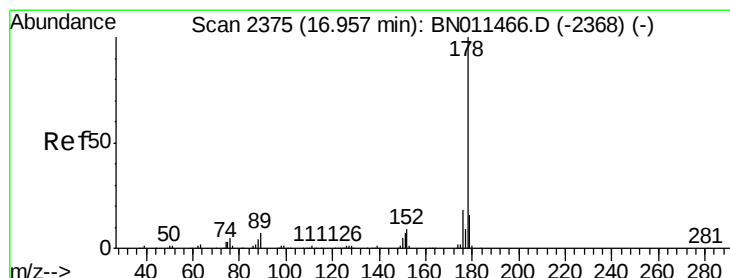
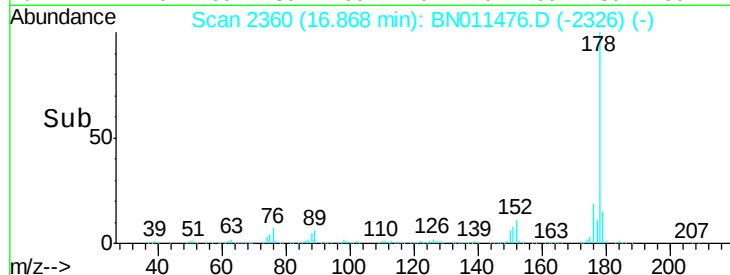
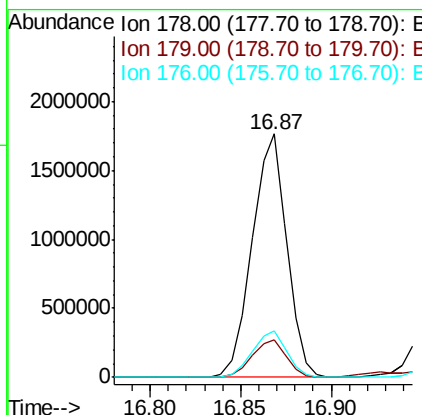
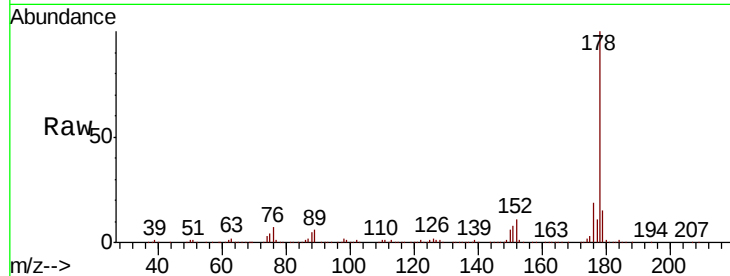
#70
Phenanthrene
Concen: 45.579 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.9	15.7	23.5

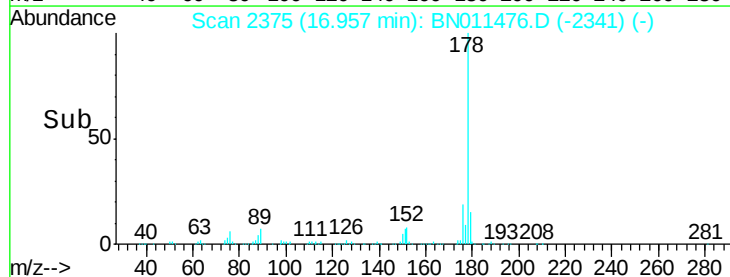
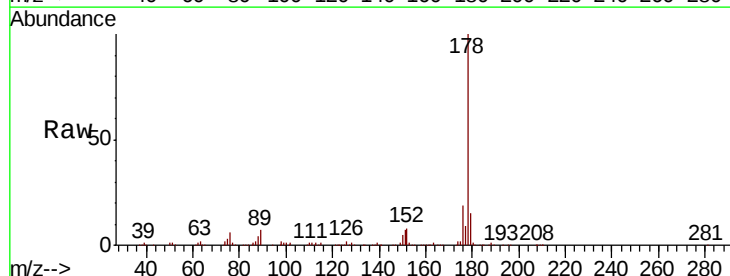
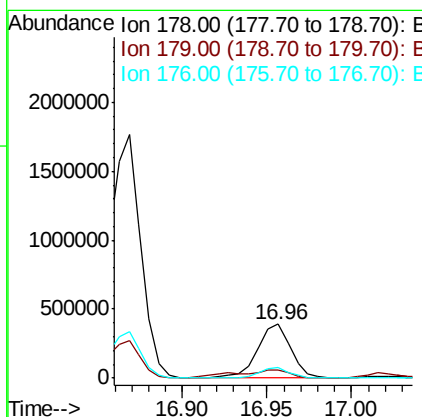
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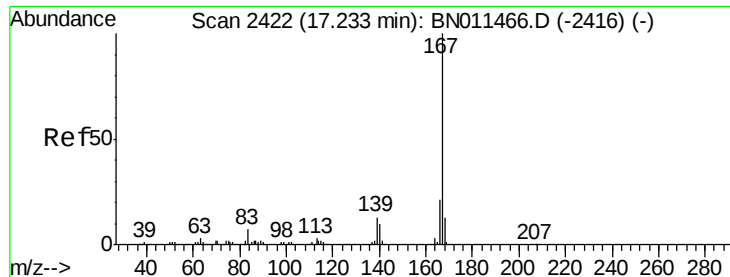
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#72
Anthracene
Concen: 10.396 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.0	19.4
176	19.2	14.6	21.8





#75

Carbazole

Concen: 6.902 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN011476.D

Acq: 18 Aug 2020 07:14

Instrument :

BNA_N

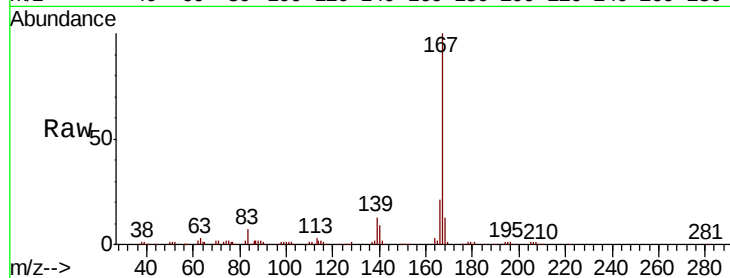
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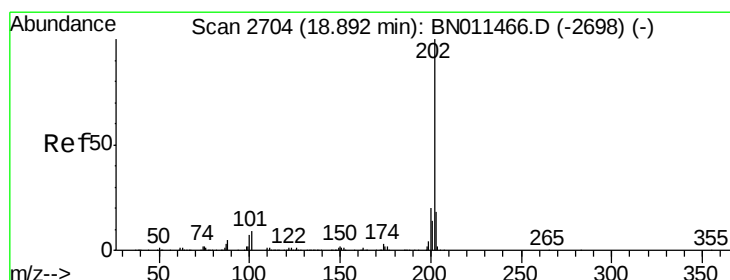
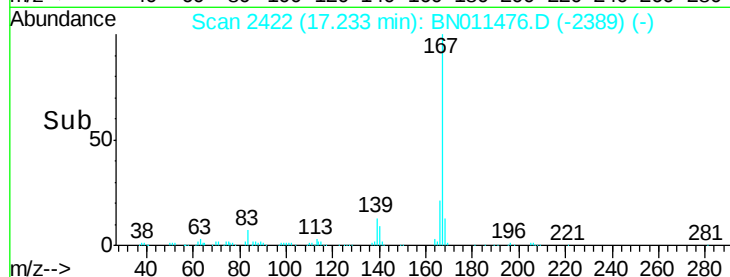
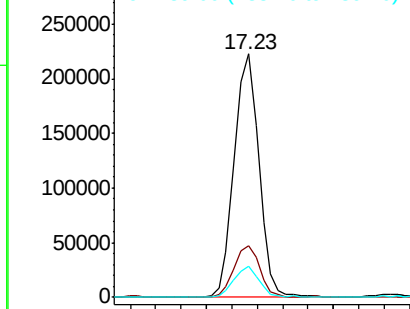
Tot Ion:	167	Resp:	302033
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.2	25.8
139	12.7	10.2	15.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 53.681 ng/ul

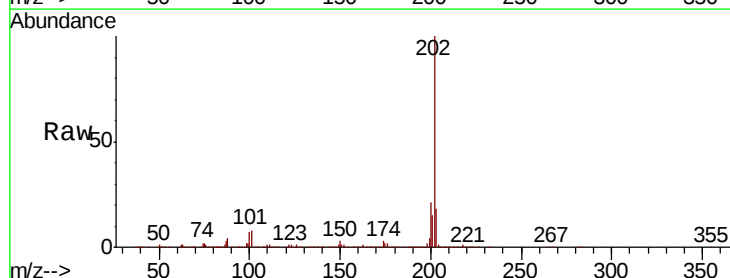
RT: 18.90 min Scan# 2705

Delta R.T. -0.00 min

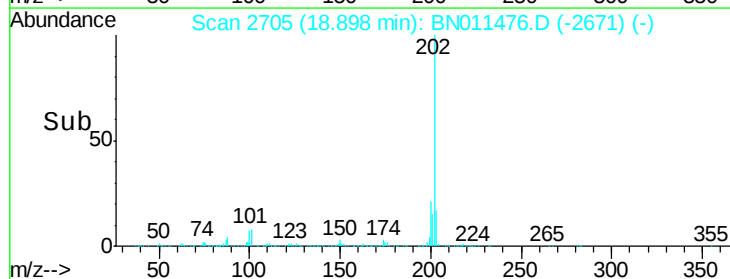
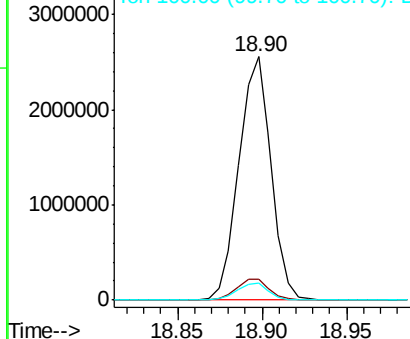
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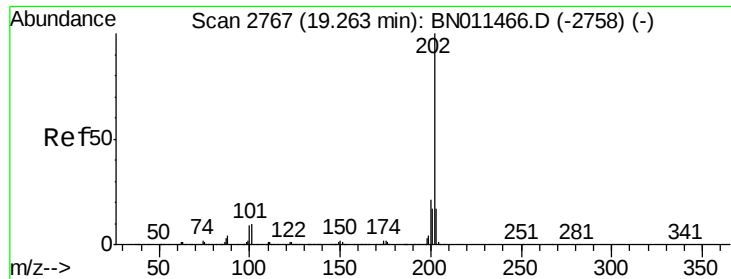
Acq: 18 Aug 2020 07:14

Tgt Ion:	202	Resp:	3374671
Ion Ratio	Lower	Upper	
202	100		
101	8.4	7.3	10.9
100	6.8	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





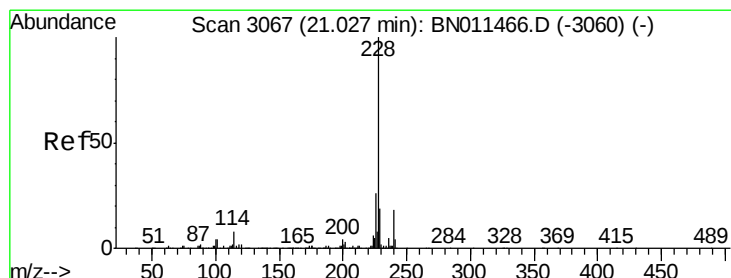
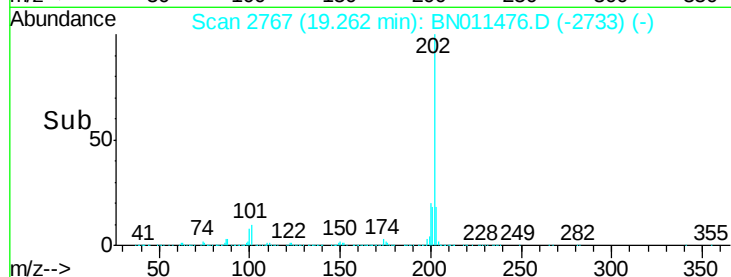
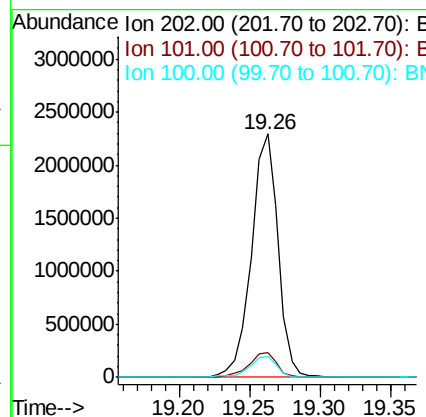
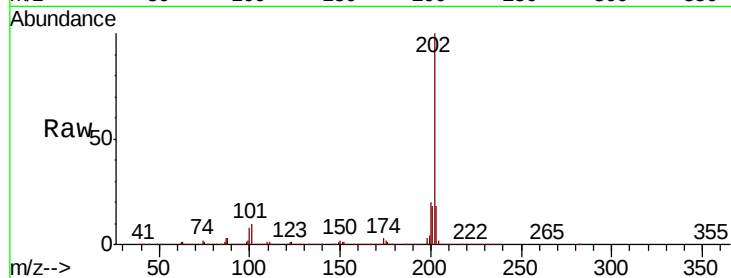
#80
Pvrene
Concen: 43.530 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
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ClientSampleId :
BFMM7DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	8.4	6.5	9.7

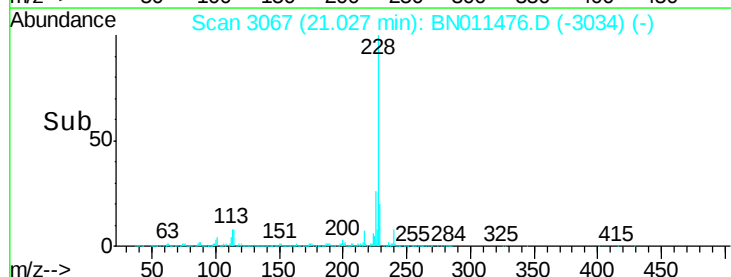
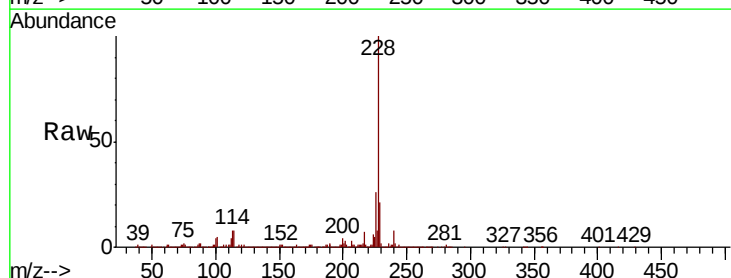
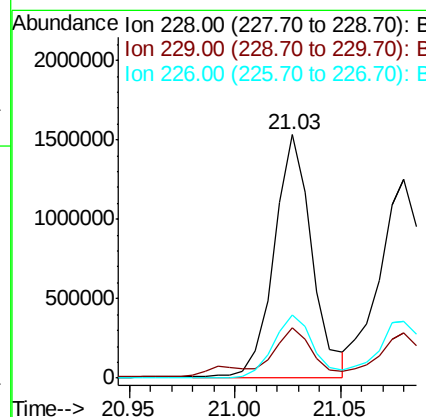
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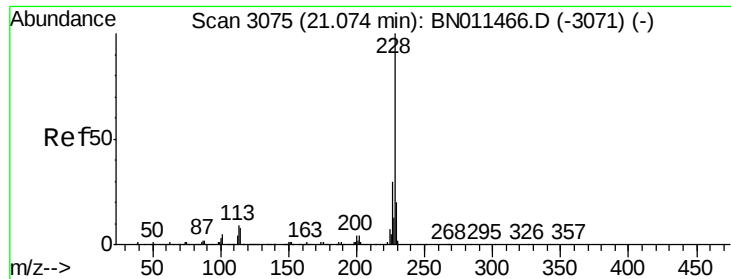
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#83
Benzo(a)anthracene
Concen: 28.942 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.0	22.4
226	25.8	21.5	32.3





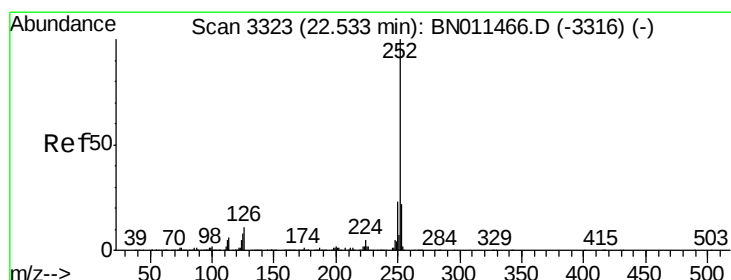
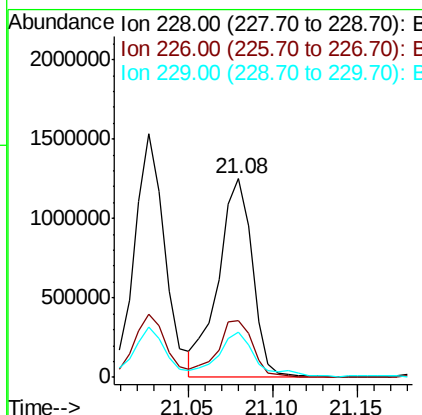
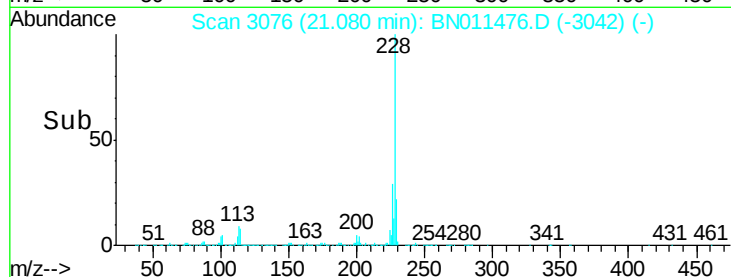
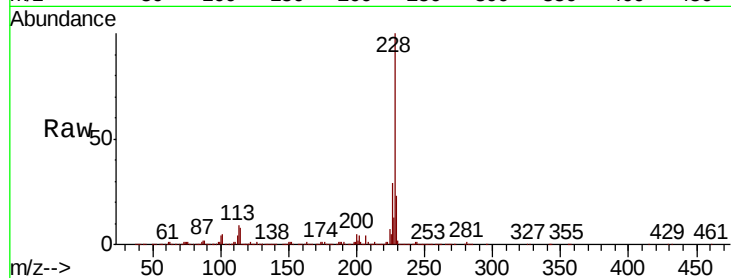
#85
Chrysene
Concen: 26.646 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
BNA_N
ClientSampleId :
BFMM7DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	22.6	15.0	22.6

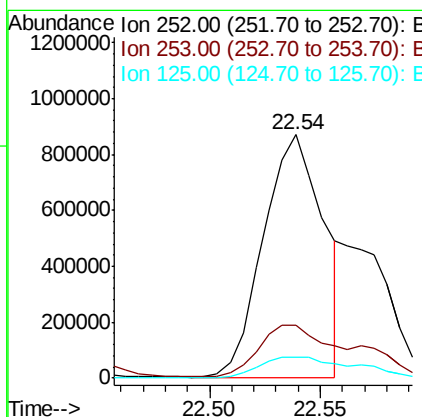
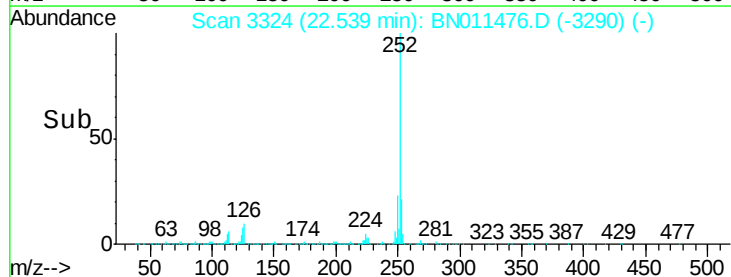
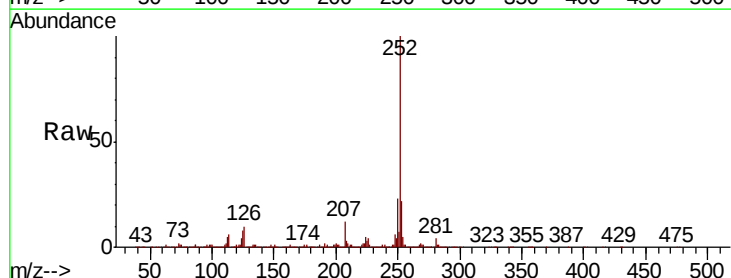
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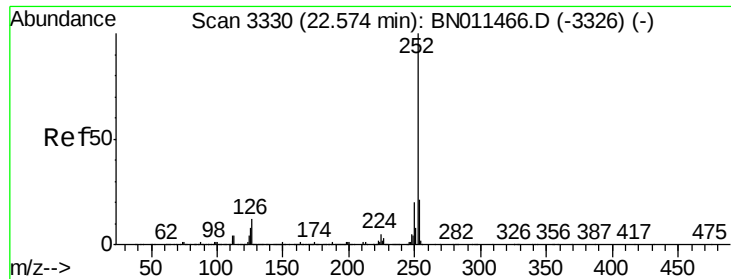
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#88
Benzo(b)fluoranthene
Concen: 23.505 ng/ul m
RT: 22.54 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.3	6.6	9.8





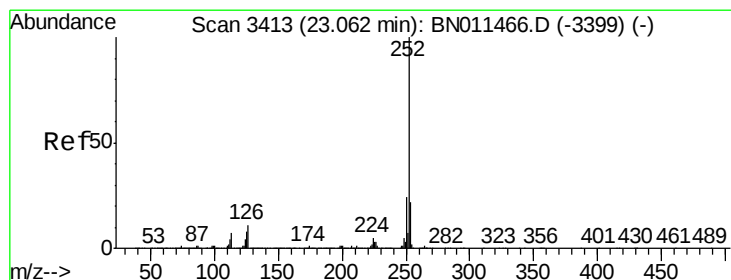
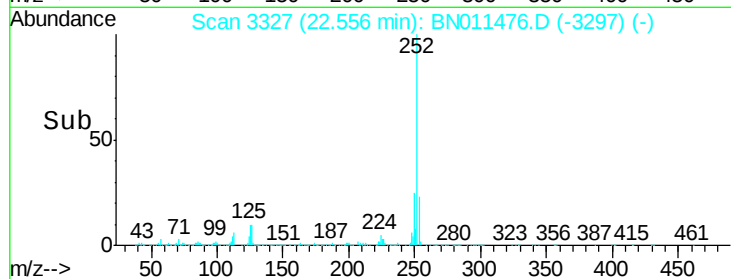
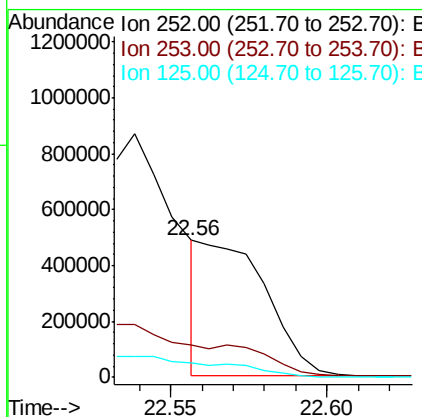
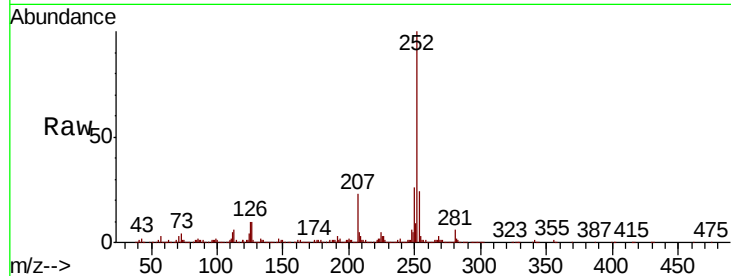
#89
Benzo(k)fluoranthene
Concen: 9.805 ng/ul m
RT: 22.56 min Scan# 3327
Delta R.T. -0.02 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Instrument :
BNA_N
ClientSampled :
BFMM7DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	683435		
253	23.8	15.8	23.6#	
125	10.3	6.0	9.0#	

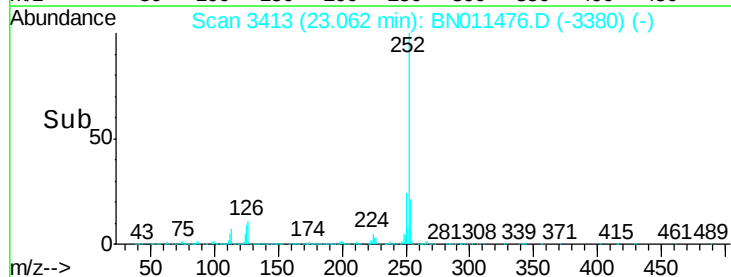
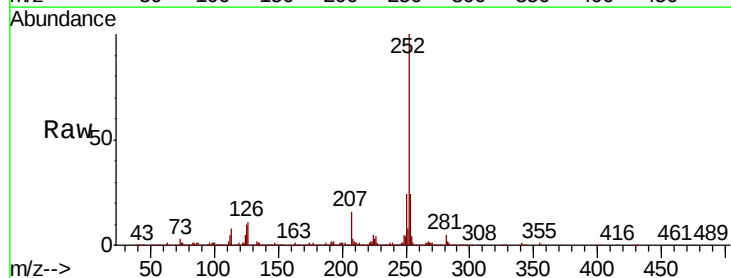
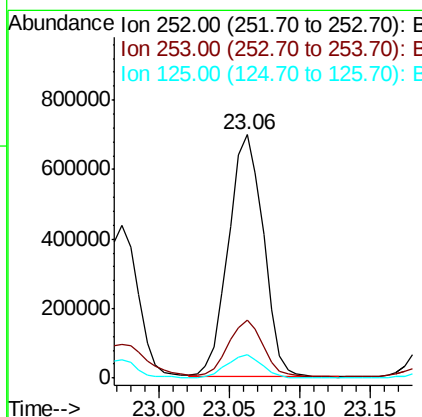
Manual Integrations
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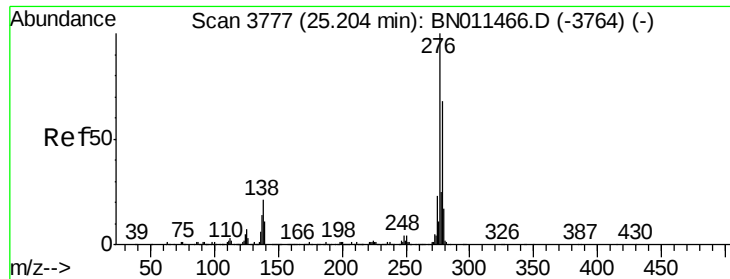
mohammad
8/19/2020 2:19:34 PM



#91
Benzo(a)pyrene
Concen: 18.611 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011476.D
Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1203494		
253	23.7	16.6	25.0	
125	9.6	7.1	10.7	





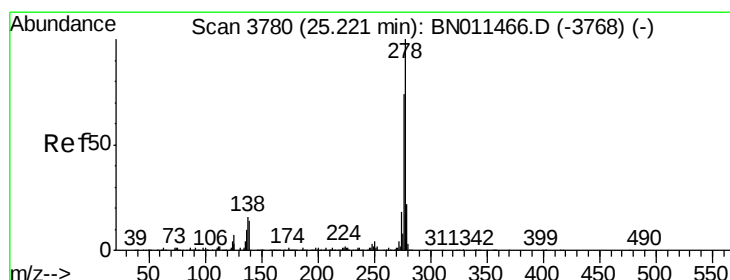
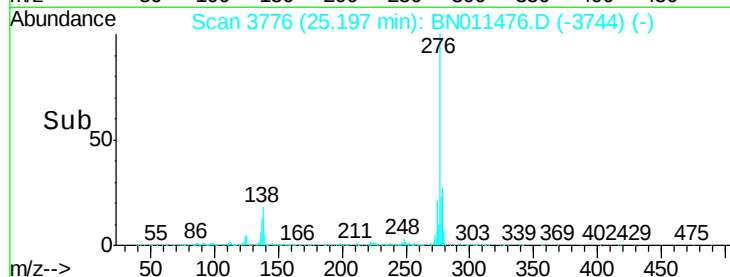
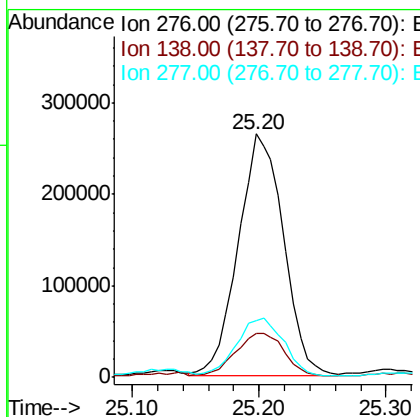
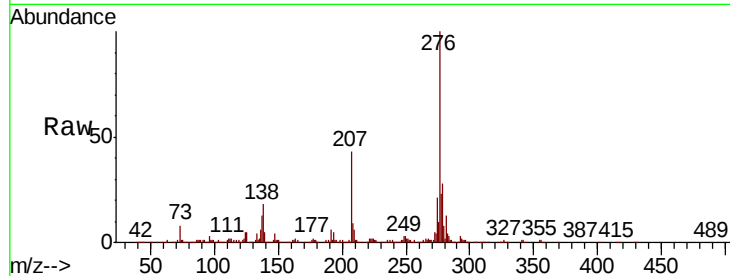
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.859 ng/ul
 RT: 25.20 min Scan# 3776
 Delta R.T. -0.01 min
 Lab File: BN011476.D
 Acq: 18 Aug 2020 07:14

Instrument :
 BNA_N
 ClientSampleId :
 BFMM7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.0	25.4
277	23.3	18.1	27.1

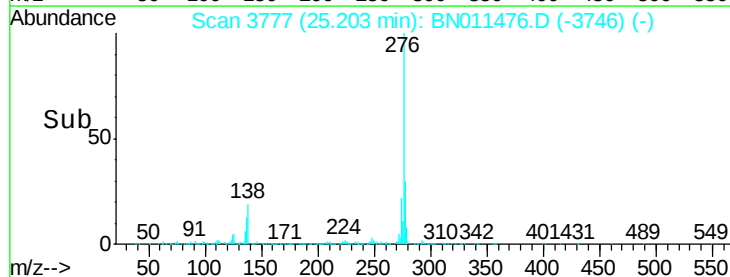
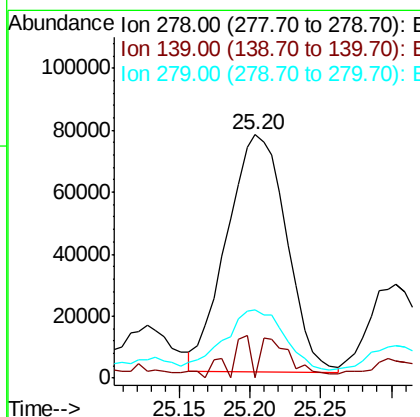
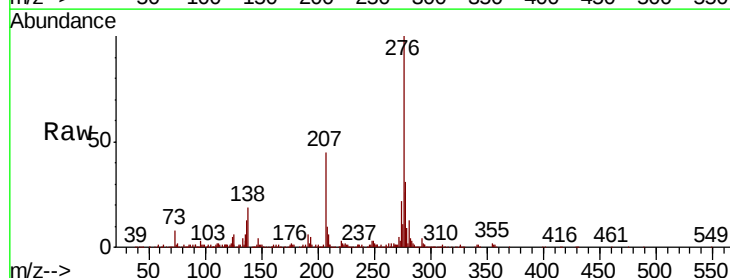
Manual Integrations
 APPROVED

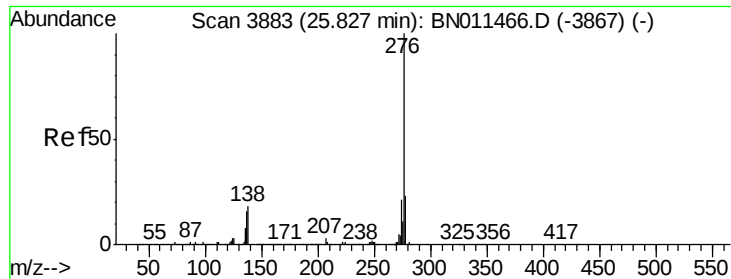
mohammad
 8/19/2020 2:19:34 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.253 ng/ul
 RT: 25.20 min Scan# 3777
 Delta R.T. -0.02 min
 Lab File: BN011476.D
 Acq: 18 Aug 2020 07:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	28.0	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 6.859 ng/ul

RT: 25.82 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BN011476.D

Acq: 18 Aug 2020 07:14

Instrument :

BNA_N

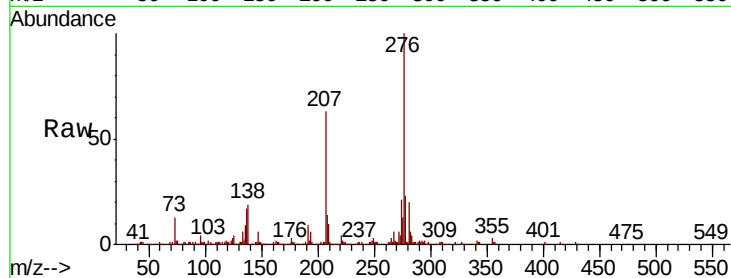
ClientSampleId :

BFMM7DL

Tot Ion:	276	Resp:	471303
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.3	22.9
277	23.1	16.2	24.4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:34 PM



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

