

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011441.D
 Acq On : 15 Aug 2020 00:11
 Operator : CG/JU
 Sample : L3631-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMN1

Manual Integrations
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Quant Time: Aug 17 02:24:10 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	209771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	746558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	458938	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	965935	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	976746	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	991863	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10609m	2.43	ng/uL	0.00
5) Phenol-d5	6.64	99	191200	12.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	118247	15.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	205732	15.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	154762	12.85	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	88351	15.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	104199	16.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	177486	14.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	200410	13.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	617862	17.29	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	661967	15.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	64288	10.62	ng/ul	0.00
58) Fluorene-d10	15.07	176	514101	16.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	60150	9.39	ng/ul	0.00
71) Anthracene-d10	16.92	188	722508	15.66	ng/ul	0.00
79) Pyrene-d10	19.23	212	786649	15.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	835996	15.18	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.67	94	26110	1.726	ng/ul	95
45) Dimethylphthalate	13.55	163	114067	3.110	ng/ul#	95
70) Phenanthrene	16.87	178	345678	6.034	ng/ul	97
72) Anthracene	16.96	178	63275	1.090	ng/ul	96
77) Fluoranthene	18.90	202	666493	9.507	ng/ul	99
80) Pyrene	19.26	202	621500	9.042	ng/ul	99
83) Benzo(a)anthracene	21.03	228	364183	5.604	ng/ul	96
85) Chrysene	21.08	228	354931m	5.499	ng/ul	
88) Benzo(b)fluoranthene	22.53	252	479875	6.920	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	195742m	2.842	ng/ul	
91) Benzo(a)pyrene	23.06	252	353843	5.538	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.20	276	244582	2.987	ng/ul	94
93) Dibenzo(a,h)anthracene	25.21	278	75262	1.098	ng/ul#	86
94) Benzo(g,h,i)perylene	25.82	276	200186	2.949	ng/ul	96

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

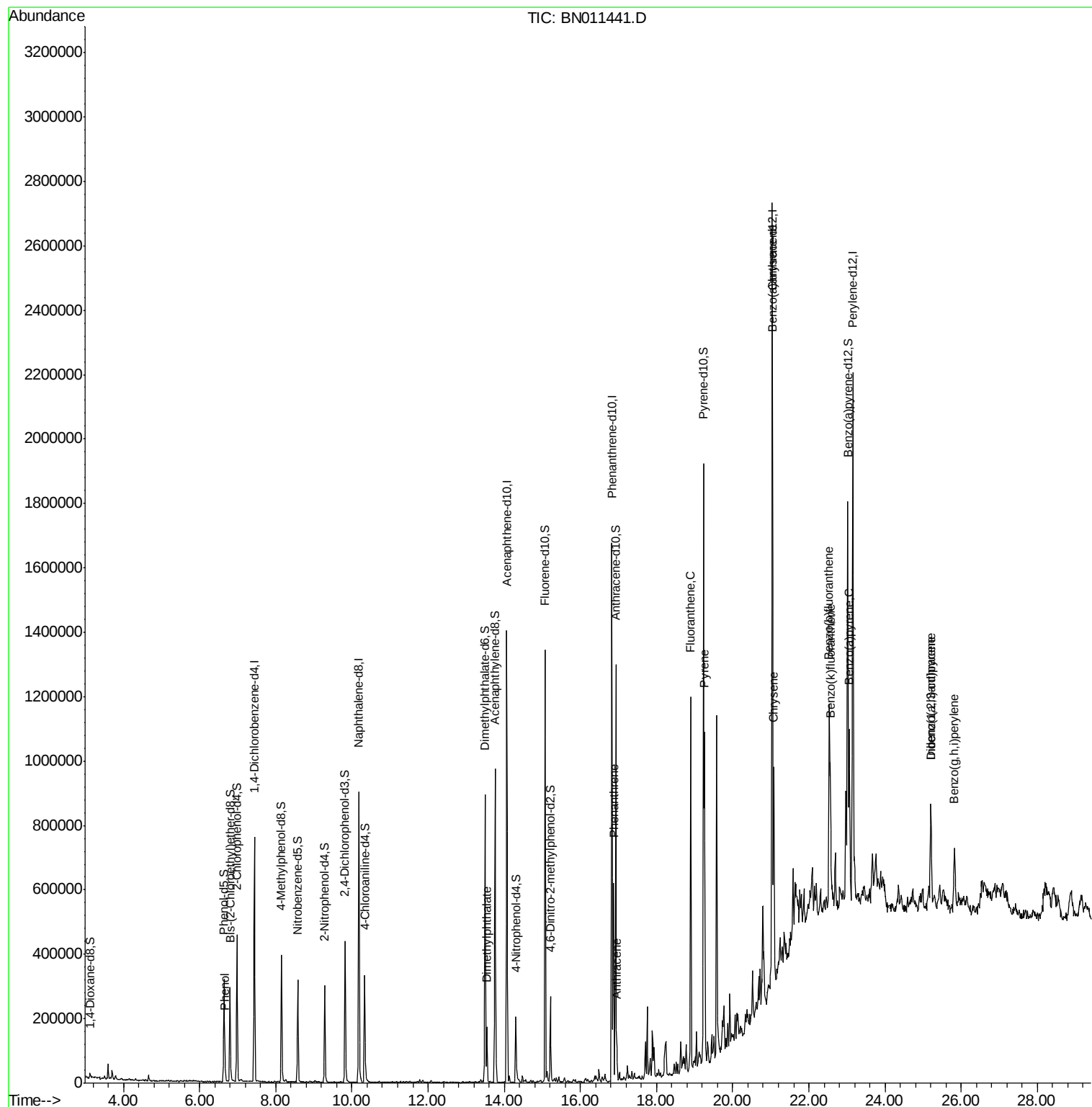
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

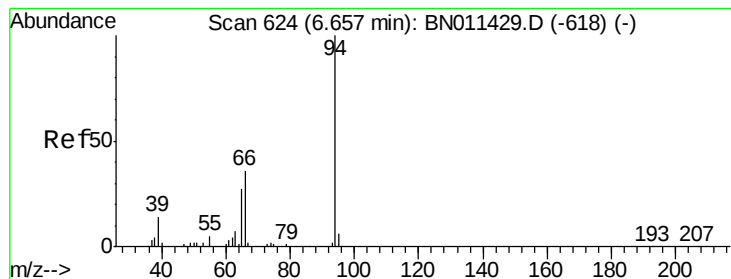
Instrument :
BNA_N
ClientSampleId :
BFMN1

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Quant Time: Aug 17 02:24:10 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: 1.726 ng/ul

RT: 6.67 min Scan# 626

Delta R.T. 0.00 min

Lab File: BN011441.D

Acq: 15 Aug 2020 00:11

Instrument :

BNA_N

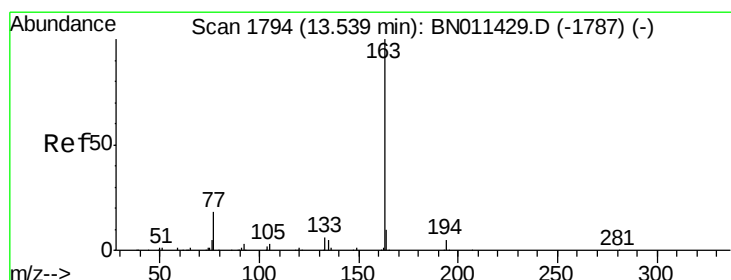
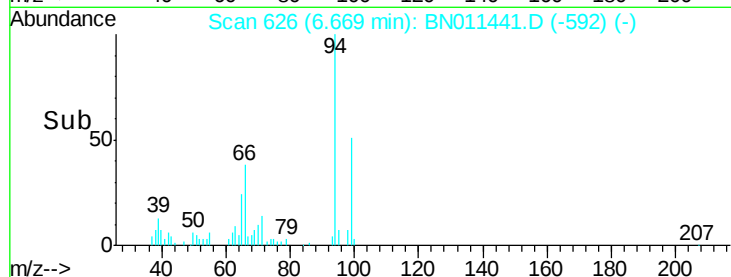
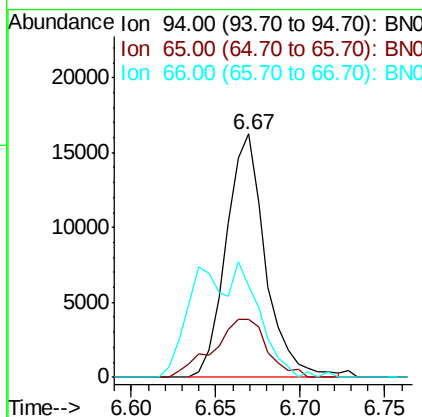
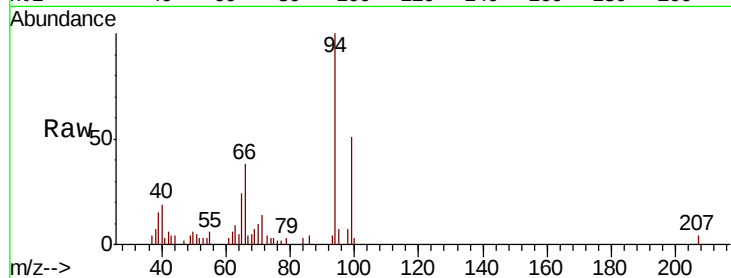
ClientSampleId :

BFMN1

Tot Ion:	94	Resp:	26110
Ion	Ratio	Lower	Upper
94	100		
65	23.8	22.1	33.1
66	37.7	32.1	48.1

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#45

Dimethylphthalate

Concen: 3.110 ng/ul

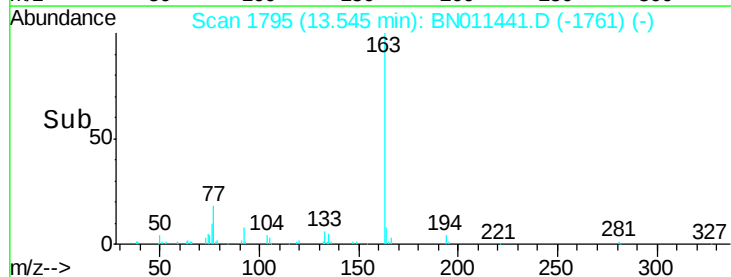
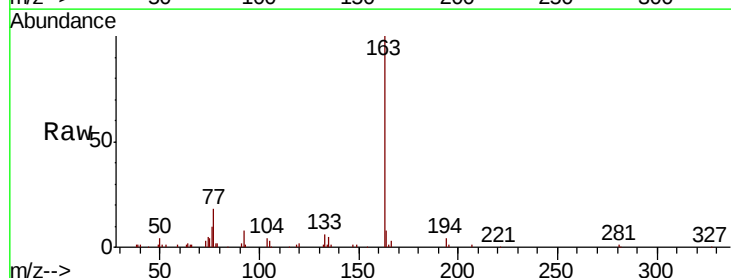
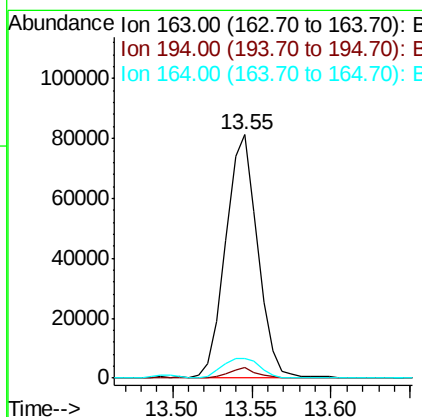
RT: 13.55 min Scan# 1795

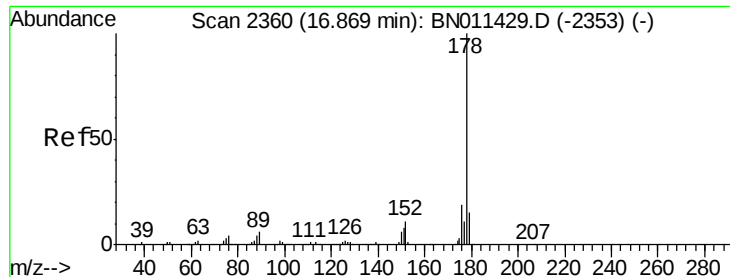
Delta R.T. 0.00 min

Lab File: BN011441.D

Acq: 15 Aug 2020 00:11

Tgt Ion:	163	Resp:	114067
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	8.2	8.7	13.1#





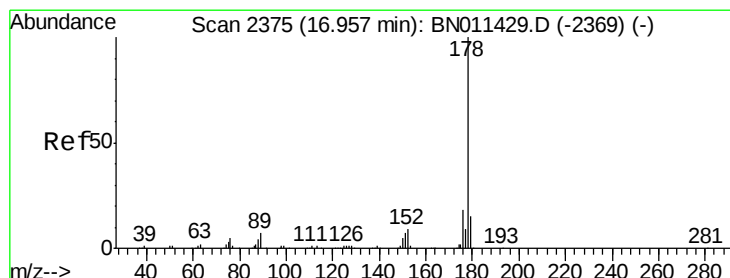
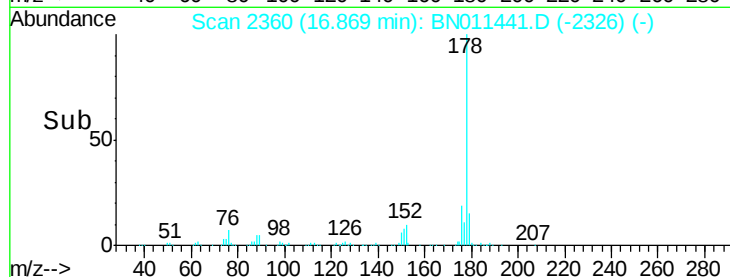
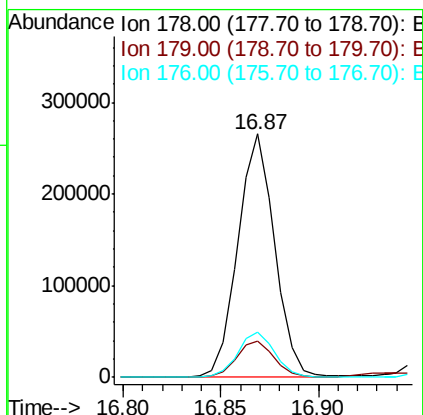
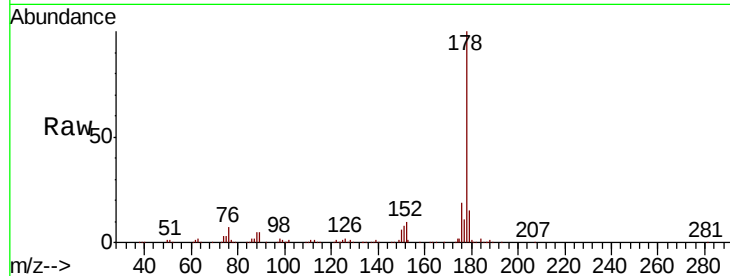
#70
Phenanthrene
Concen: 6.034 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Instrument :
BNA_N
ClientSampleId :
BFMN1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.1	19.7
176	18.6	15.7	23.5

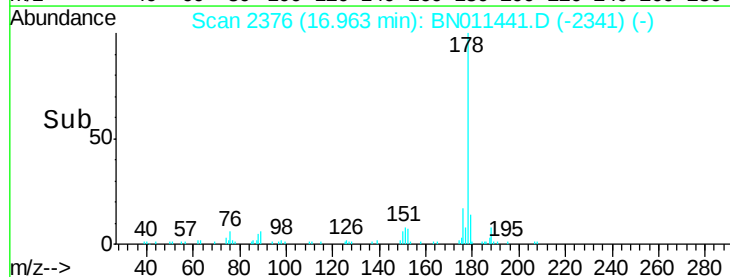
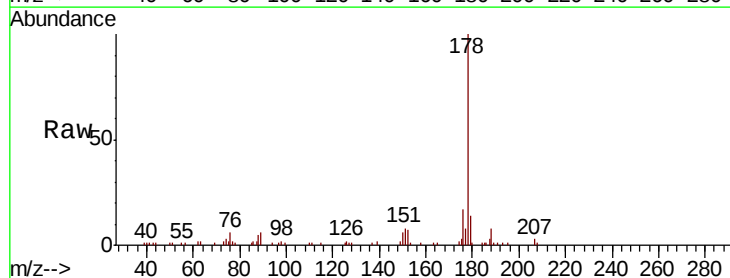
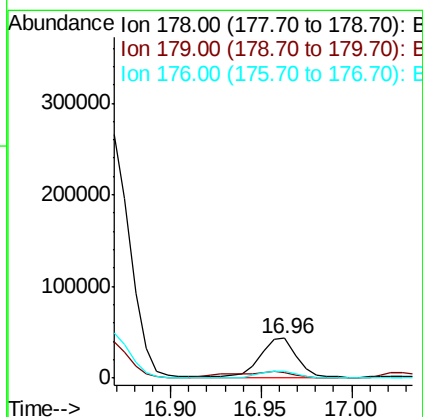
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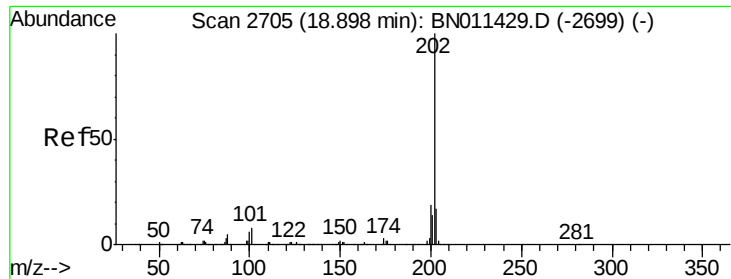
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#72
Anthracene
Concen: 1.090 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	13.0	19.4
176	17.2	14.6	21.8





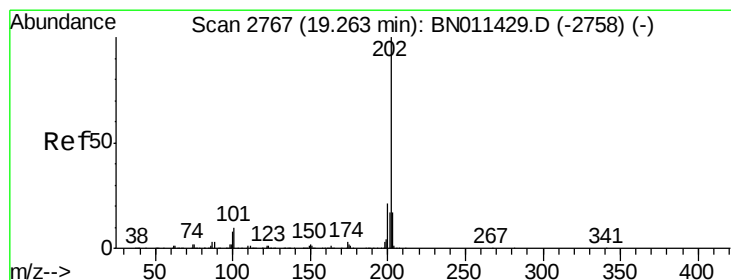
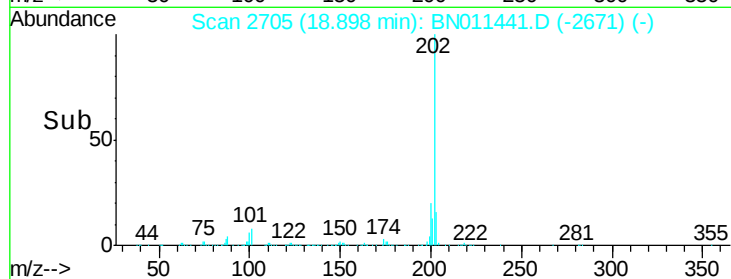
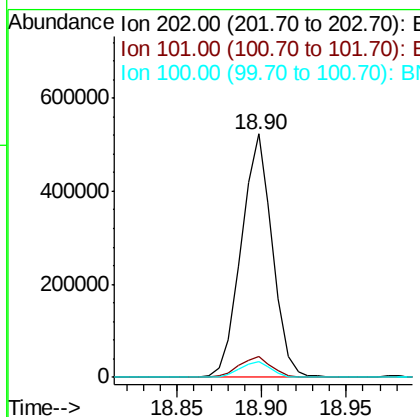
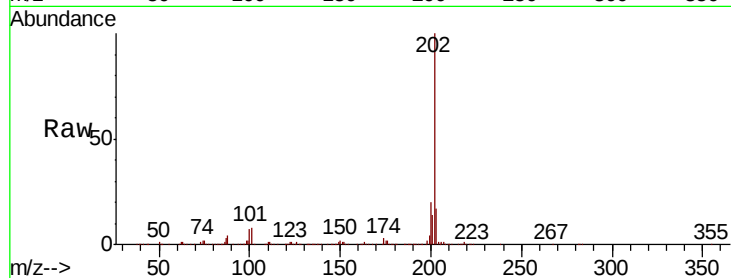
#77
Fluoranthene
 Concen: 9.507 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BN011441.D
 Acq: 15 Aug 2020 00:11

Instrument :
 BNA_N
 ClientSampleId :
 BFMN1

Tot Ion:	202	Resp:	666493
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.3	10.9
100	6.5	5.2	7.8

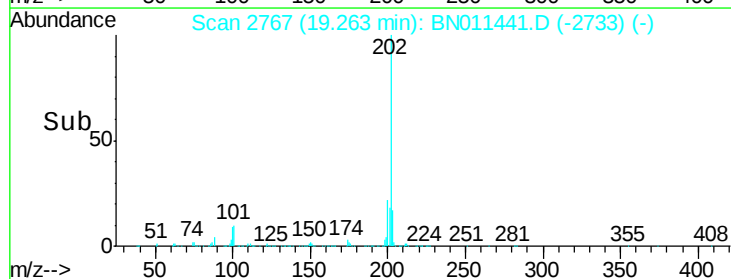
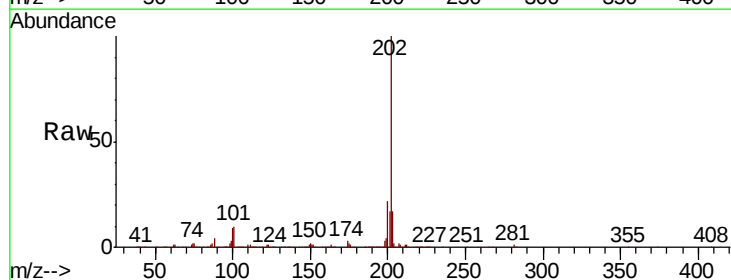
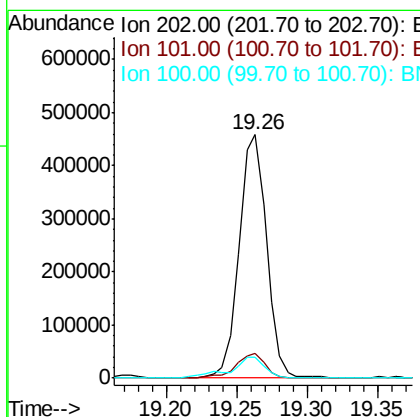
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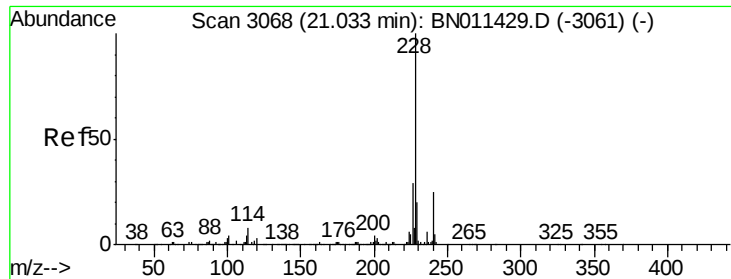
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#80
Pyrene
 Concen: 9.042 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: BN011441.D
 Acq: 15 Aug 2020 00:11

Tgt Ion:	202	Resp:	621500
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.8	11.8
100	8.6	6.5	9.7





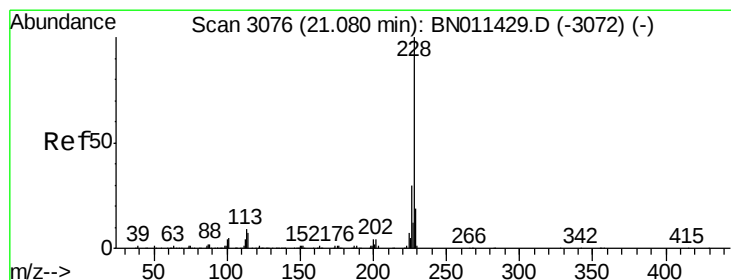
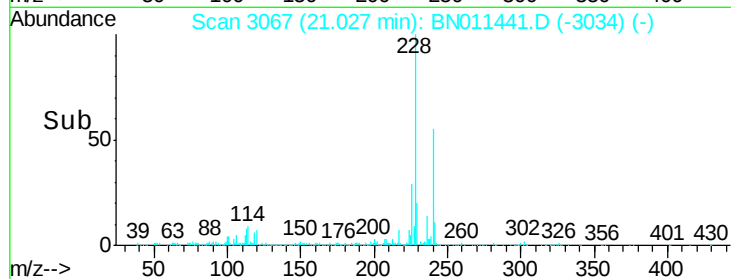
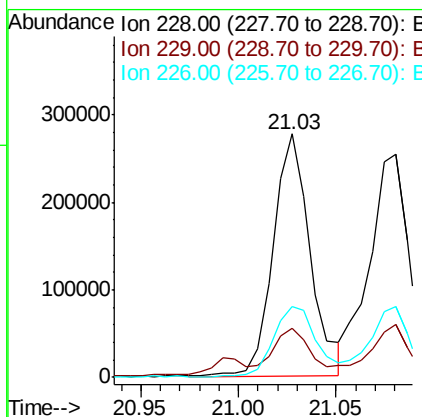
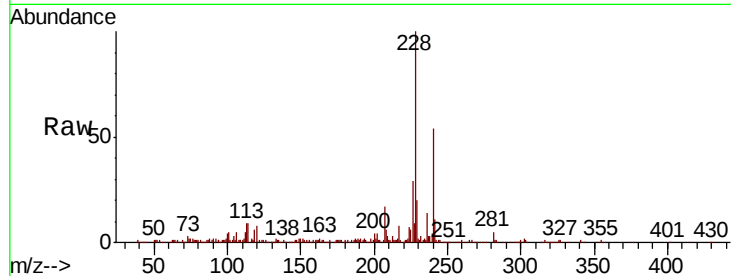
#83
Benzo(a)anthracene
Concen: 5.604 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Instrument :
BNA_N
ClientSampleId :
BFMN1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	29.2	21.5	32.3

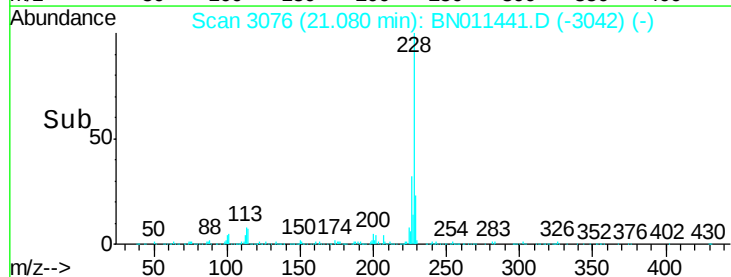
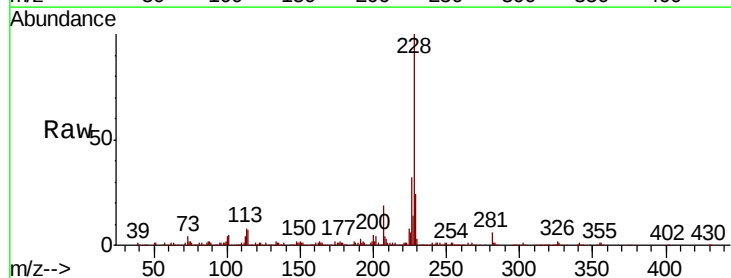
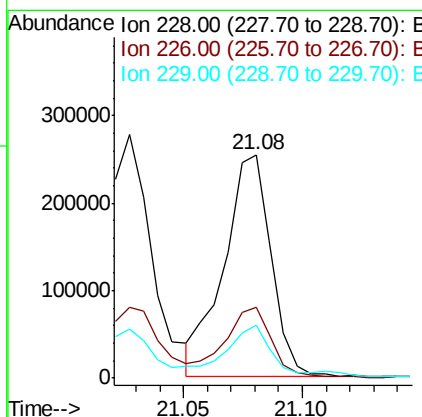
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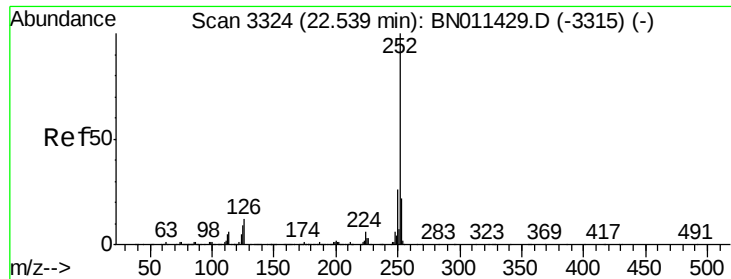
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#85
Chrysene
Concen: 5.499 ng/ul m
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.5	35.3
229	23.8	15.0	22.6#





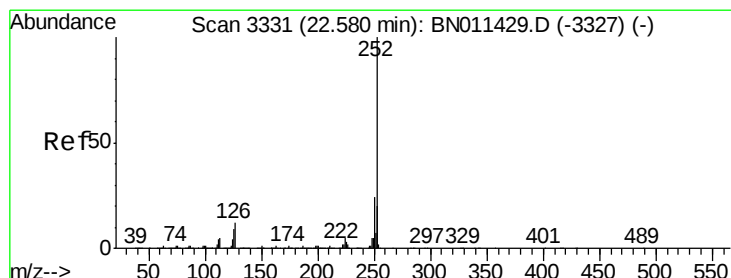
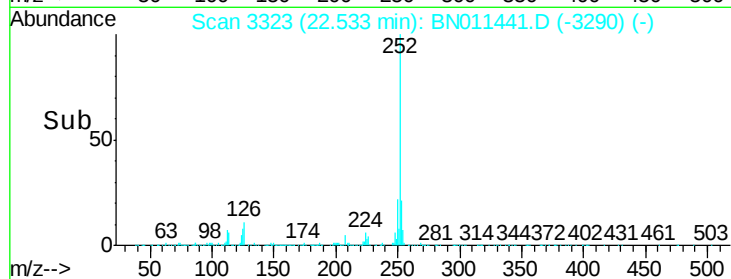
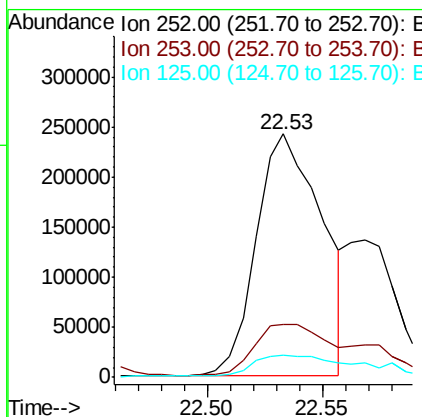
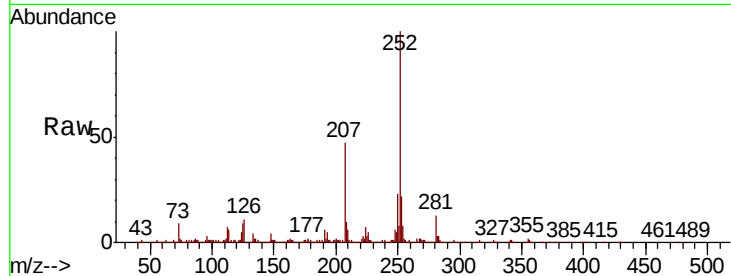
#88
Benzo(b)fluoranthene
Concen: 6.920 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Instrument :
BNA_N
ClientSampleId :
BFMN1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.9	6.6	9.8

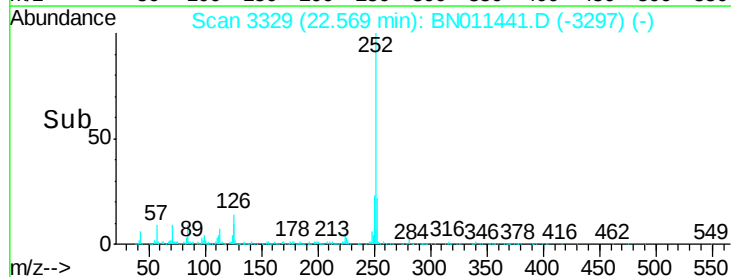
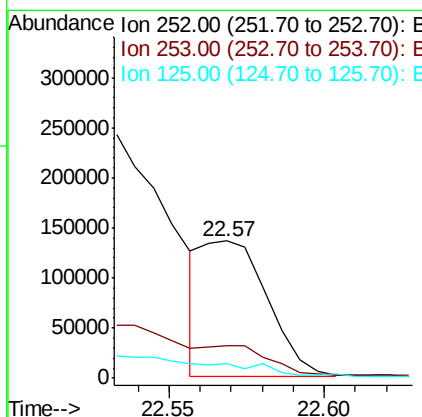
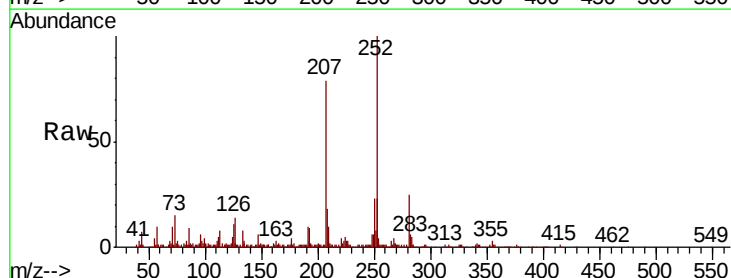
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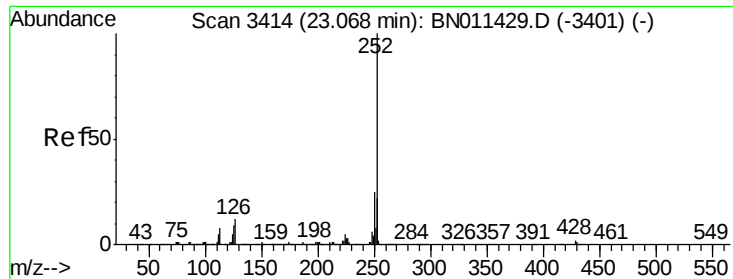
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#89
Benzo(k)fluoranthene
Concen: 2.842 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	15.8	23.6
125	10.7	6.0	9.0





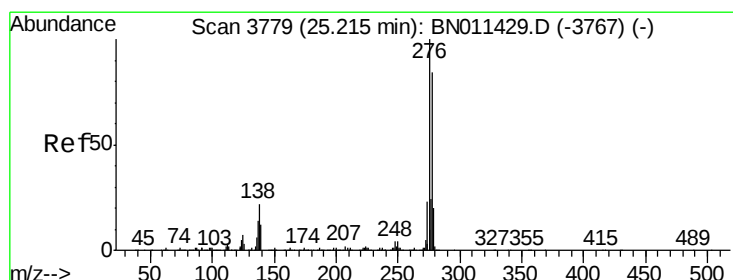
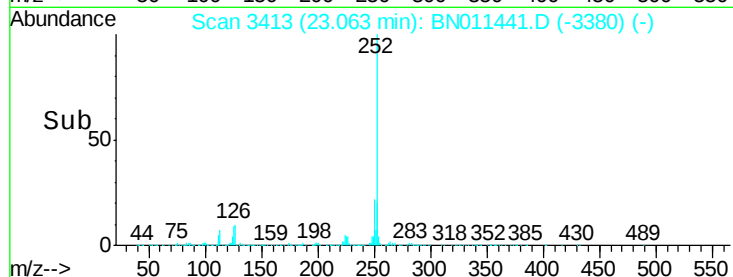
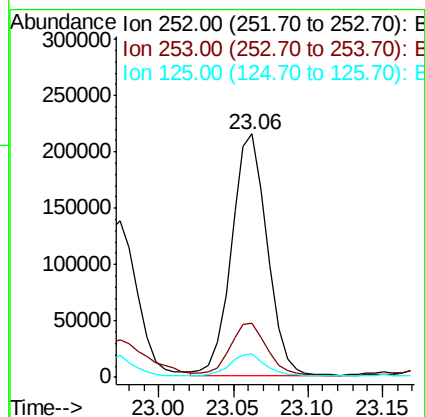
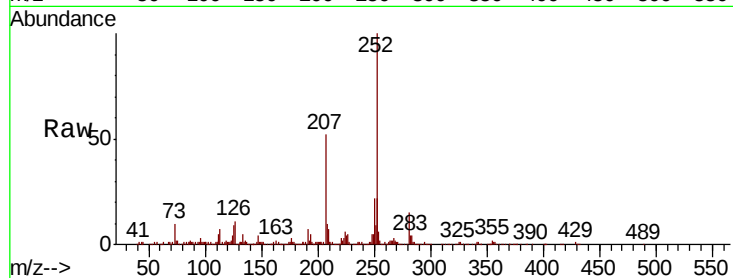
#91
Benzo(a)pyrene
Concen: 5.538 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Instrument :
BNA_N
ClientSampled :
BFMN1

Tot Ion:	252	Resp:	353843
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.6	25.0
125	9.4	7.1	10.7

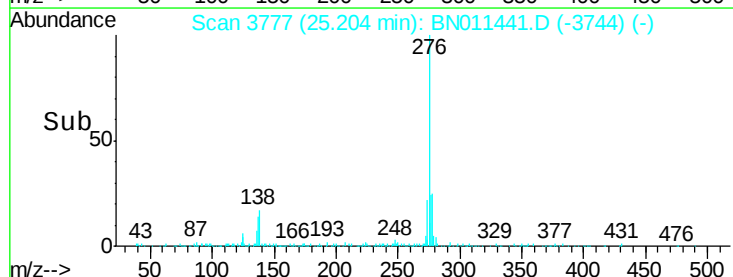
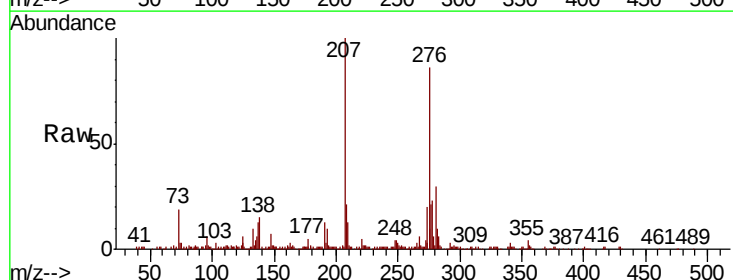
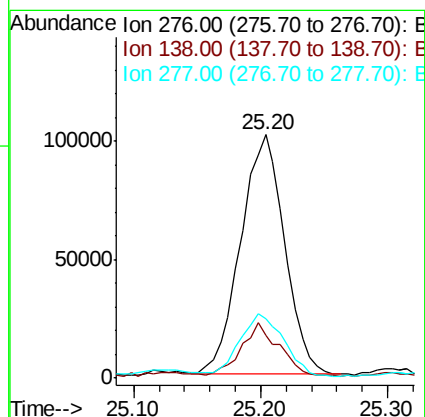
Manual Integrations
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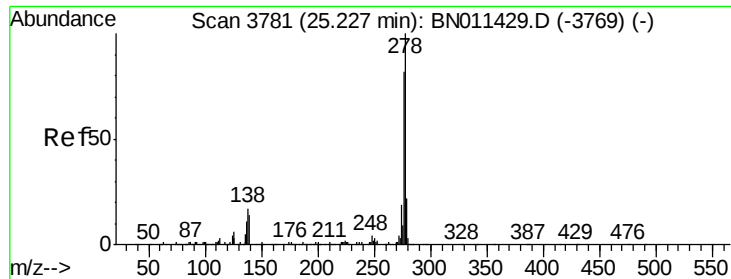
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.987 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Tgt Ion:	276	Resp:	244582
Ion Ratio	Lower	Upper	
276	100		
138	17.4	17.0	25.4
277	24.2	18.1	27.1





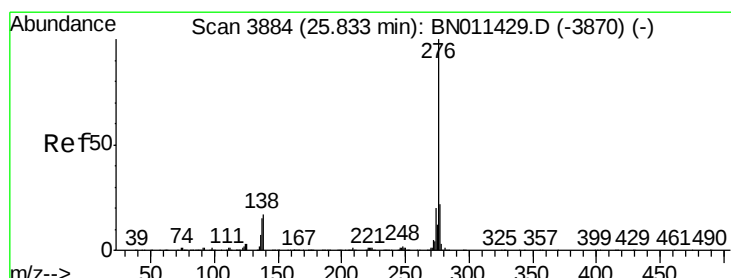
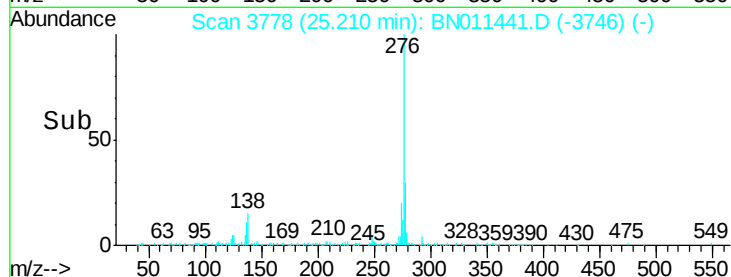
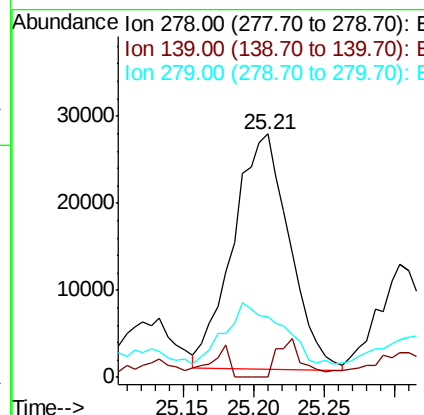
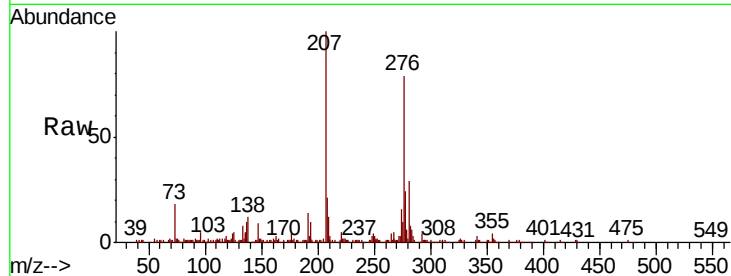
#93
Dibenzo(a,h)anthracene
Concen: 1.098 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Instrument :
BNA_N
ClientSampleId :
BFMN1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/18/2020 1:48:25 PM



#94
Benzo(g,h,i)perylene
Concen: 2.949 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BN011441.D
Acq: 15 Aug 2020 00:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.3	22.9
277	23.0	16.2	24.4

