

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011440.D
 Acq On : 14 Aug 2020 23:35
 Operator : CG/JU
 Sample : L3631-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMM2

Manual Integrations
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Quant Time: Aug 17 02:19:23 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	157203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	618713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	391695	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	794037	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	811011	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	821286	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	6236m	1.90	ng/uL	0.00
5) Phenol-d5	6.65	99	93144	8.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	60487	10.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	90929	9.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	79551	8.81	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	50687	10.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	52967	9.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	80330	7.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	89403	7.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	327746	10.75	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	330150	9.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	31807m	6.16	ng/ul	0.01
58) Fluorene-d10	15.07	176	261095	9.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	30238	5.74	ng/ul	0.00
71) Anthracene-d10	16.93	188	334292m	8.81	ng/ul	0.00
79) Pyrene-d10	19.23	212	391483	9.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	372101	8.16	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.55	163	110931	3.543	ng/ul	96
70) Phenanthrene	16.87	178	443021	9.407	ng/ul	98
72) Anthracene	16.96	178	92920	1.948	ng/ul	96
75) Carbazole	17.24	167	43247	1.078	ng/ul#	95
77) Fluoranthene	18.90	202	635572	11.028	ng/ul	97
80) Pyrene	19.26	202	520024	9.112	ng/ul	99
83) Benzo(a)anthracene	21.03	228	330990	6.135	ng/ul	91
85) Chrysene	21.08	228	324194	6.049	ng/ul	96
88) Benzo(b)fluoranthene	22.54	252	491374	8.558	ng/ul	97
89) Benzo(k)fluoranthene	22.57	252	137615m	2.413	ng/ul	
91) Benzo(a)pyrene	23.06	252	296060	5.596	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.20	276	206358	3.043	ng/ul	93
93) Dibenzo(a,h)anthracene	25.20	278	67952	1.197	ng/ul#	93
94) Benzo(g,h,i)perylene	25.82	276	153942	2.739	ng/ul#	95

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

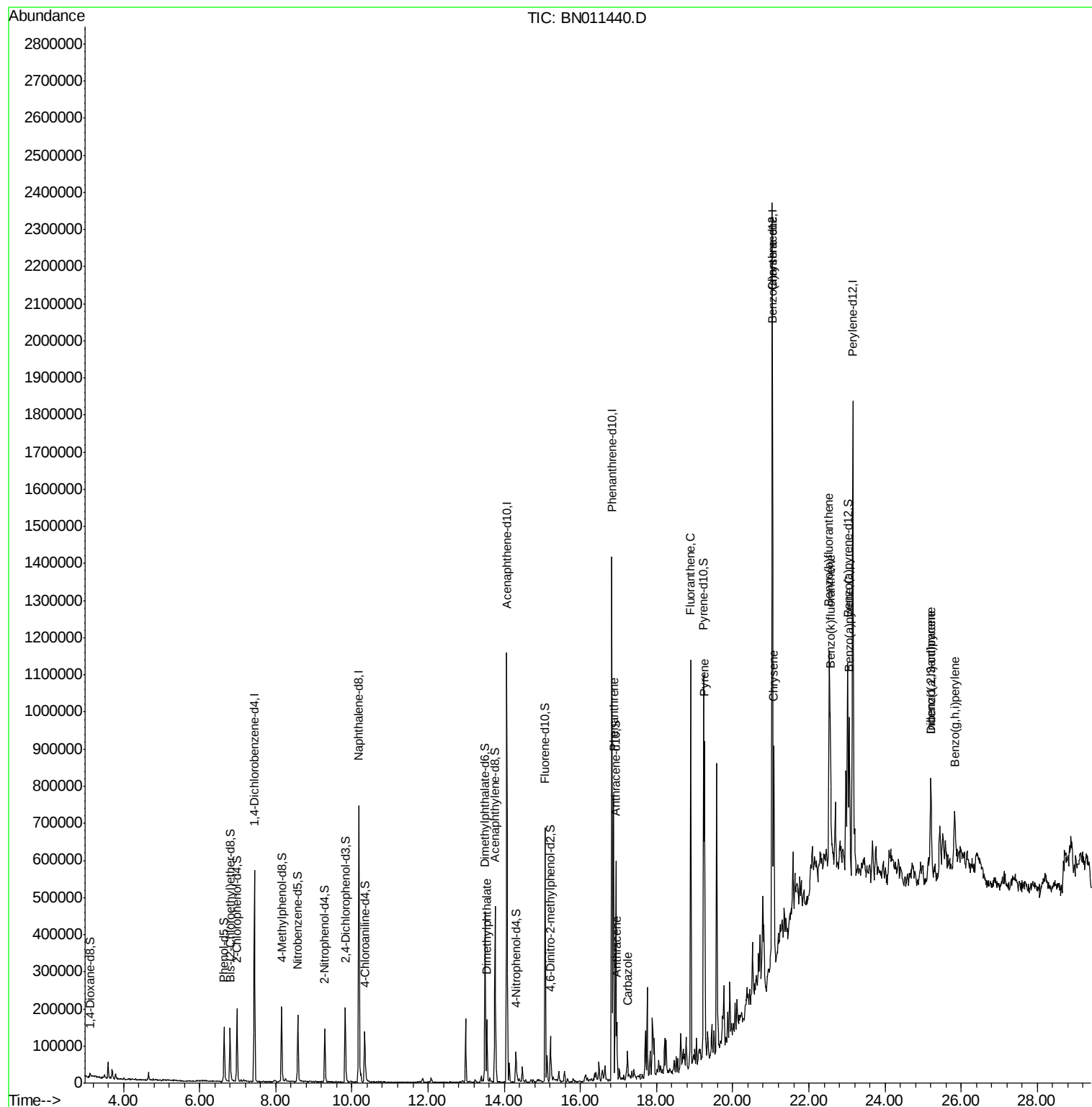
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011440.D
Acq On : 14 Aug 2020 23:35
Operator : CG/JU
Sample : L3631-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

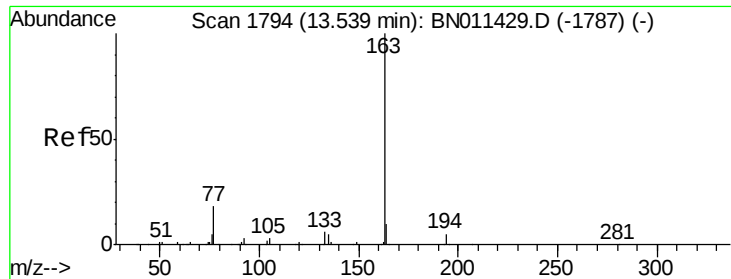
Instrument :
BNA_N
ClientSampleId :
BFMM2

Quant Time: Aug 17 02:19:23 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

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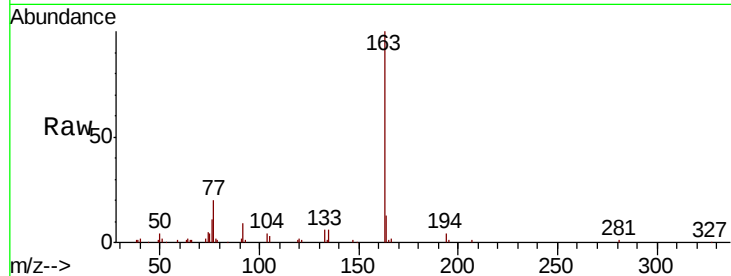
#45
Dimethylphthalate
Concen: 3.543 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Instrument :
BNA_N
ClientSampled :
BFMM2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	110931		
194	3.9		3.8	5.6
164	12.7		8.7	13.1

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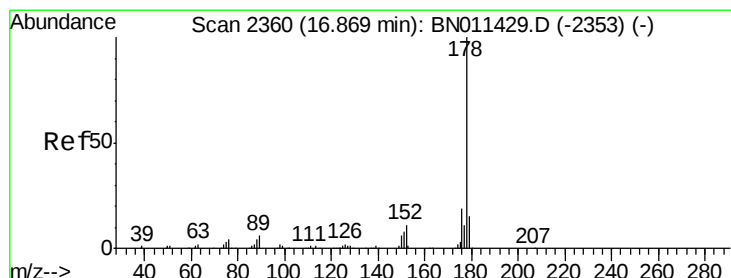
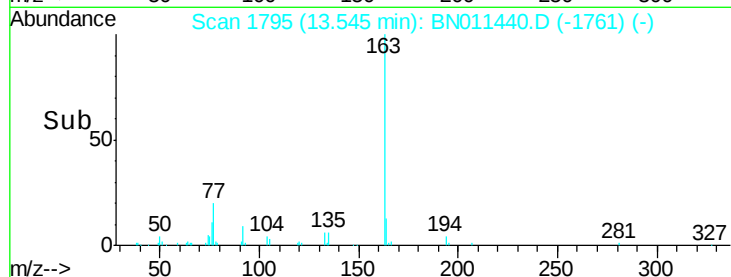
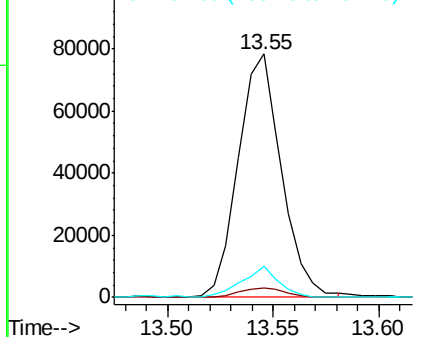


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 9.407 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

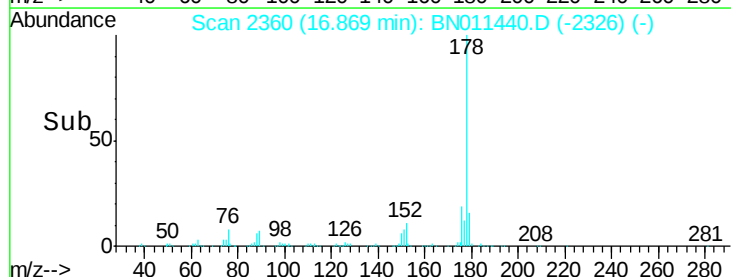
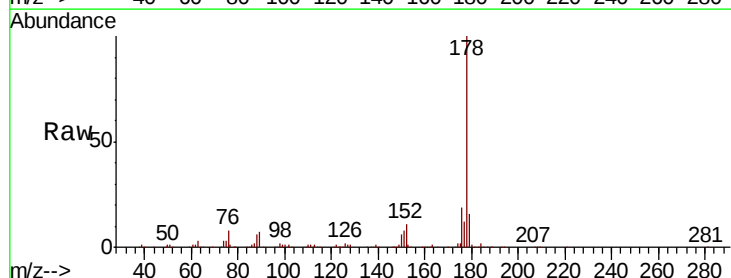
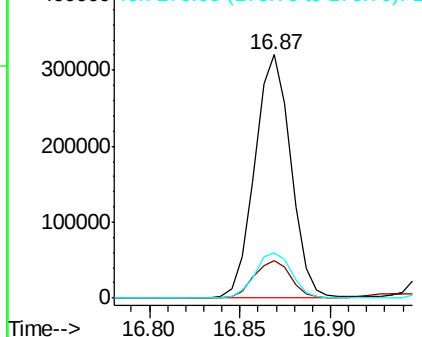
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	443021		
179	15.6		13.1	19.7
176	18.6		15.7	23.5

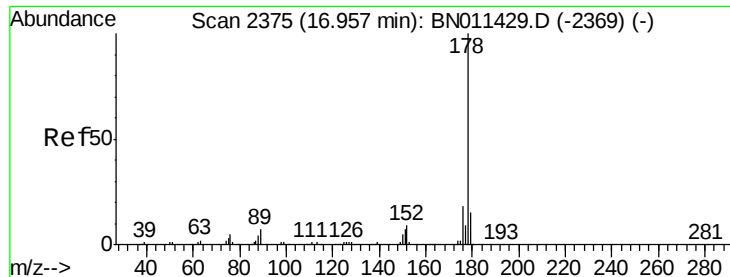
Abundance

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





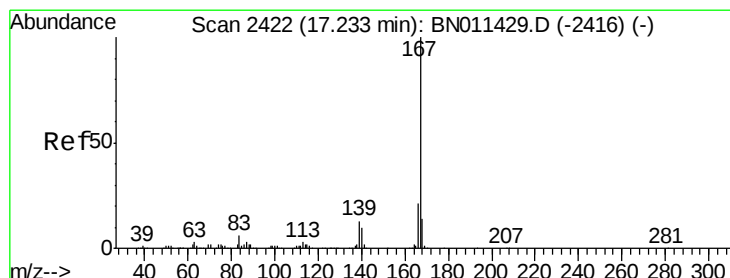
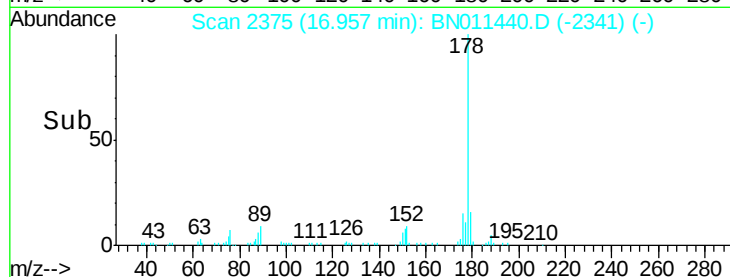
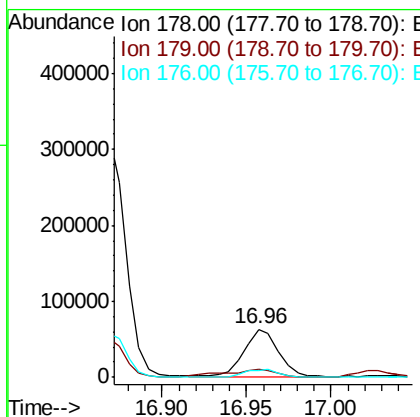
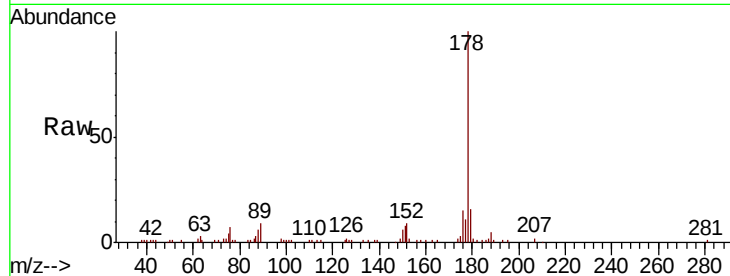
#72
 Anthracene
 Concen: 1.948 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BN011440.D
 Acq: 14 Aug 2020 23:35

Instrument :
 BNA_N
 ClientSampleId :
 BFMM2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	15.3	14.6	21.8

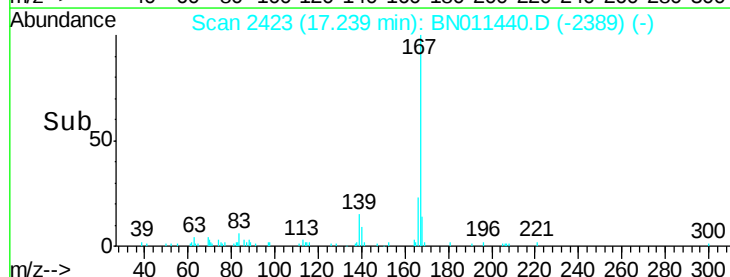
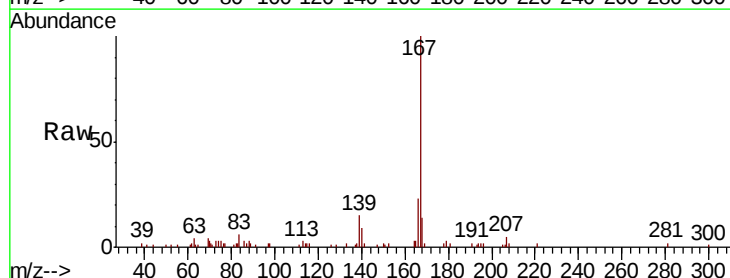
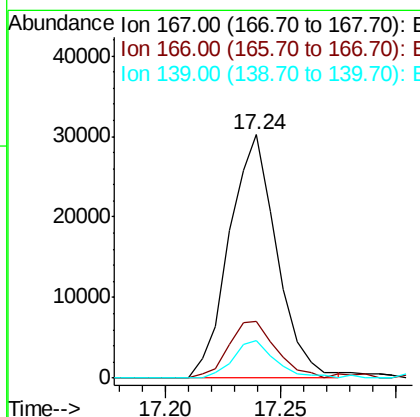
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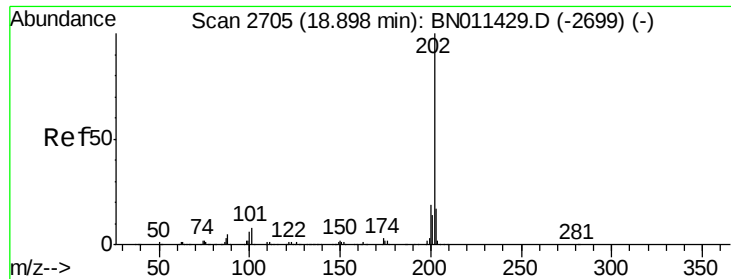
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#75
 Carbazole
 Concen: 1.078 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BN011440.D
 Acq: 14 Aug 2020 23:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.2	25.8
139	15.3	10.2	15.2#





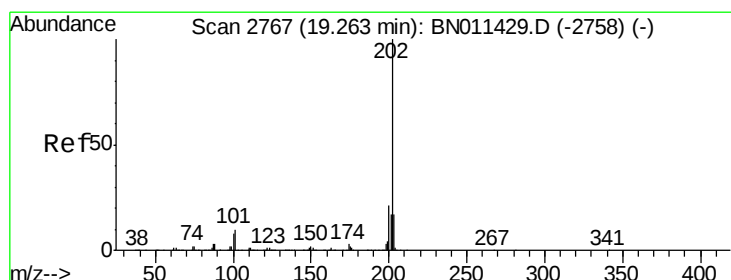
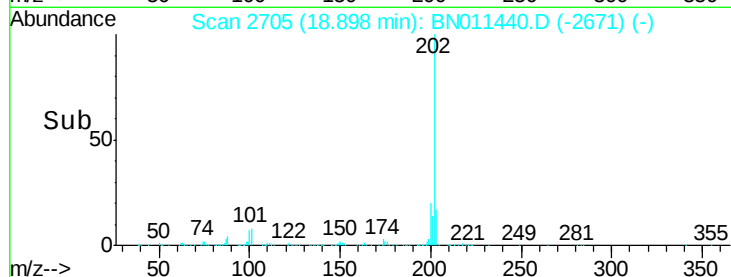
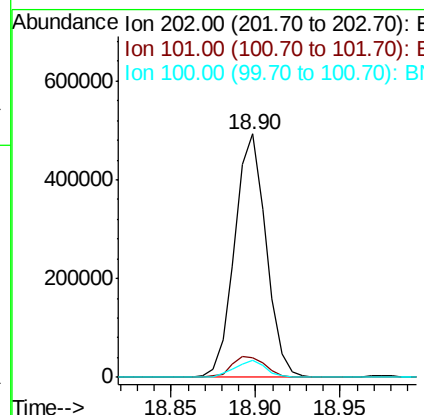
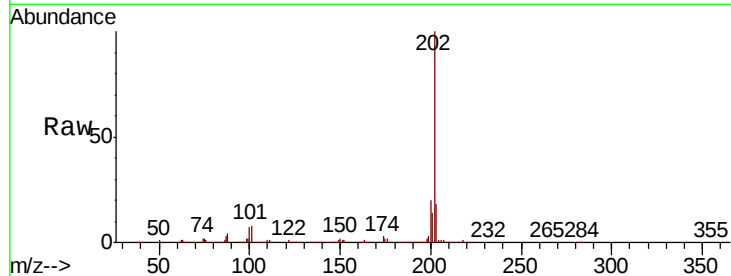
#77
Fluoranthene
 Concen: 11.028 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BN011440.D
 Acq: 14 Aug 2020 23:35

Instrument :
 BNA_N
 ClientSampleId :
 BFMM2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.3	10.9
100	7.1	5.2	7.8

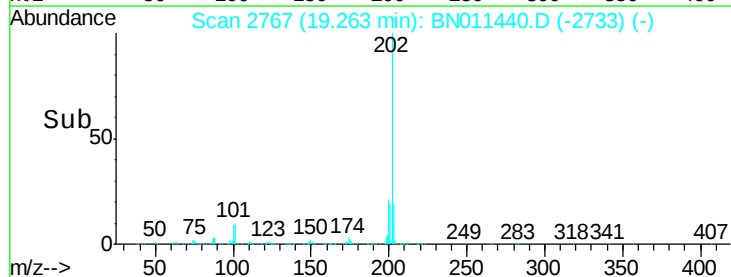
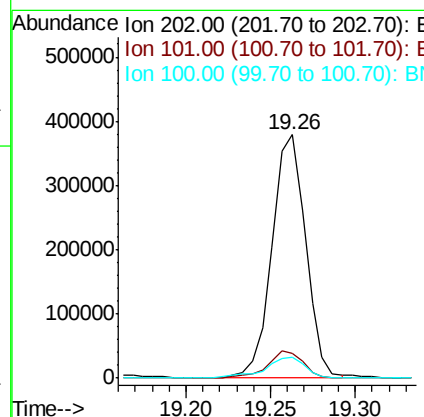
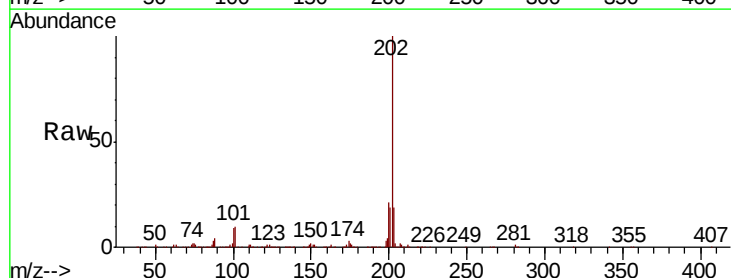
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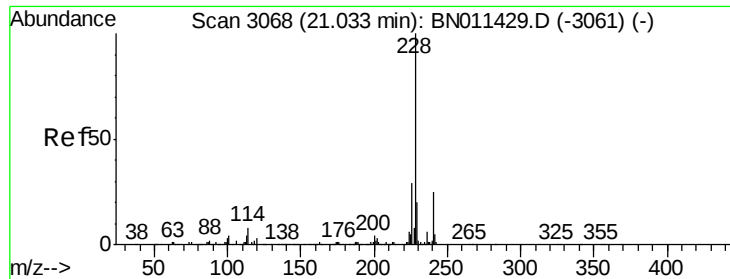
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#80
Pyrene
 Concen: 9.112 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: BN011440.D
 Acq: 14 Aug 2020 23:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	7.8	11.8
100	8.6	6.5	9.7





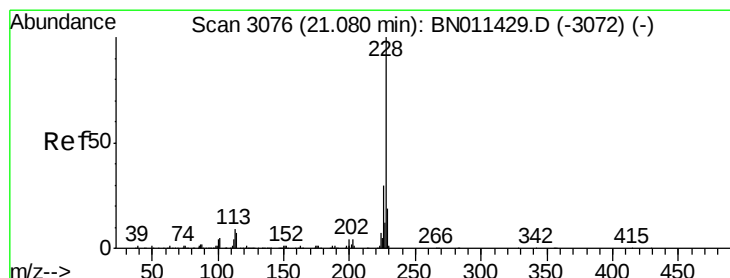
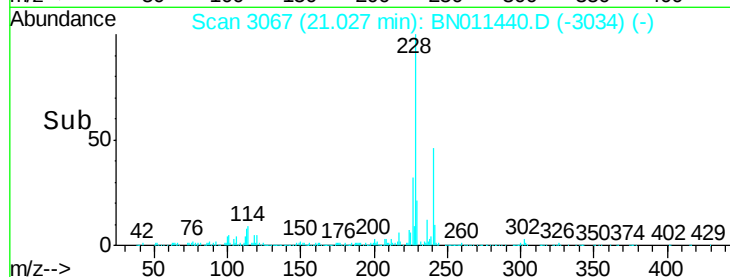
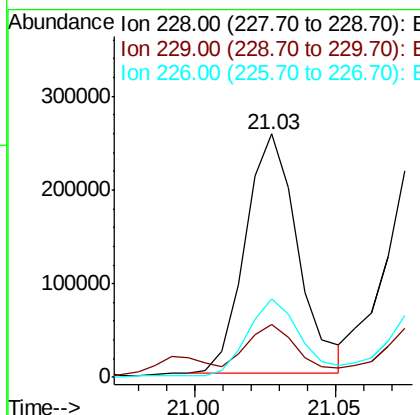
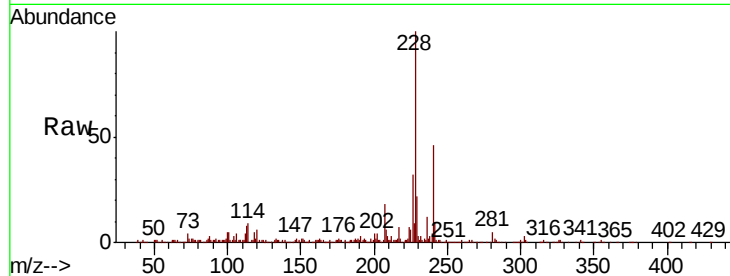
#83
Benzo(a)anthracene
Concen: 6.135 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Instrument :
BNA_N
ClientSampleId :
BFMM2

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.0	22.4
226	32.1	21.5	32.3

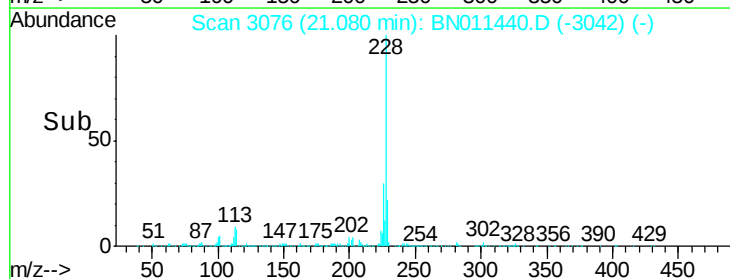
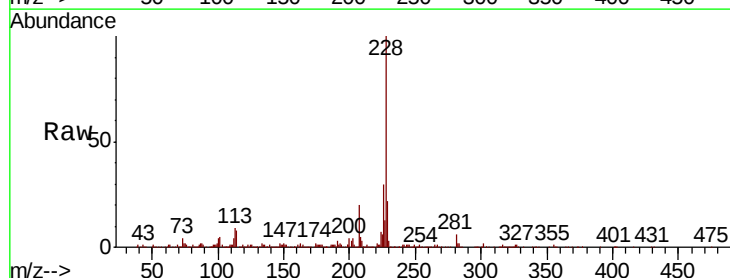
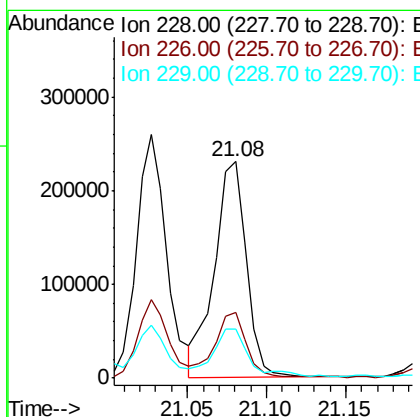
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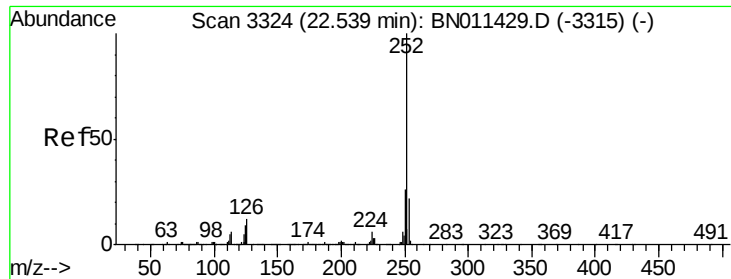
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#85
Chrysene
Concen: 6.049 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	22.4	15.0	22.6





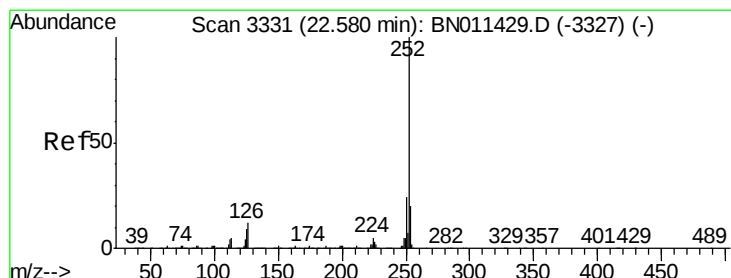
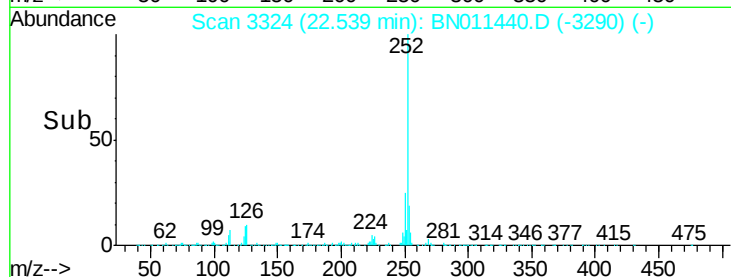
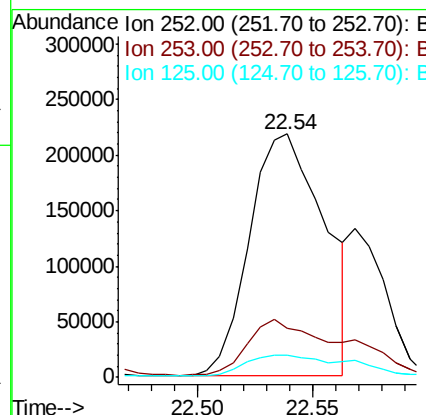
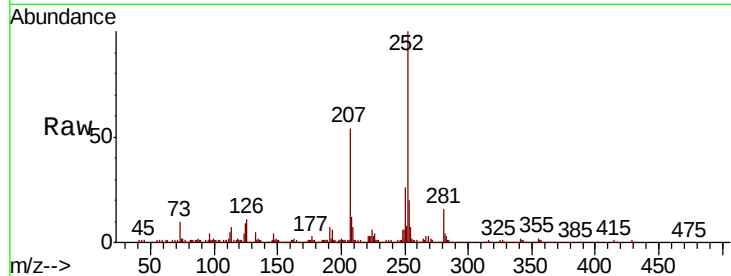
#88
Benzo(b)fluoranthene
Concen: 8.558 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Instrument :
BNA_N
ClientSampleId :
BFMM2

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.2	25.8
125	9.0	6.6	9.8

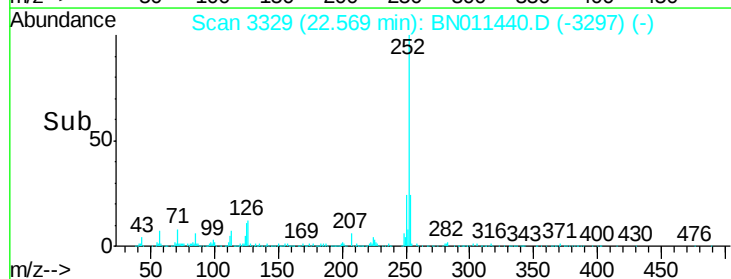
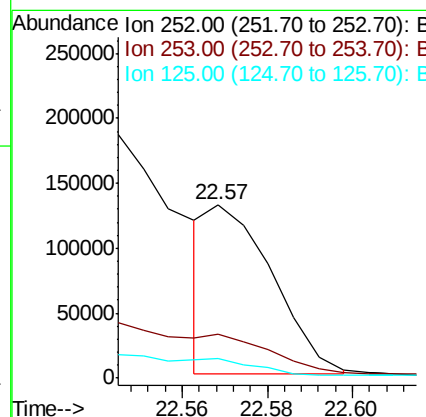
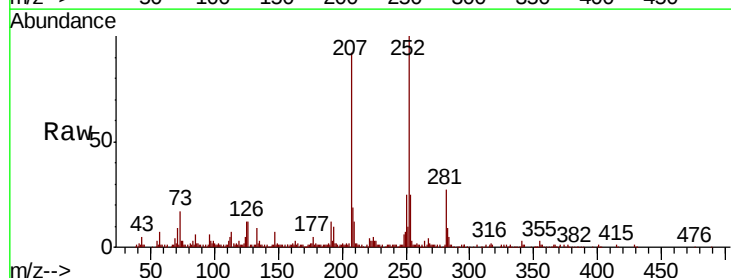
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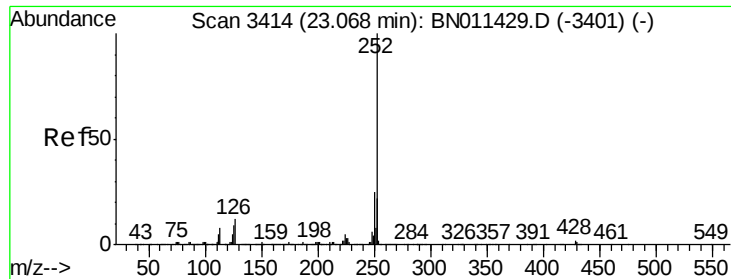
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#89
Benzo(k)fluoranthene
Concen: 2.413 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	15.8	23.6#
125	11.5	6.0	9.0#





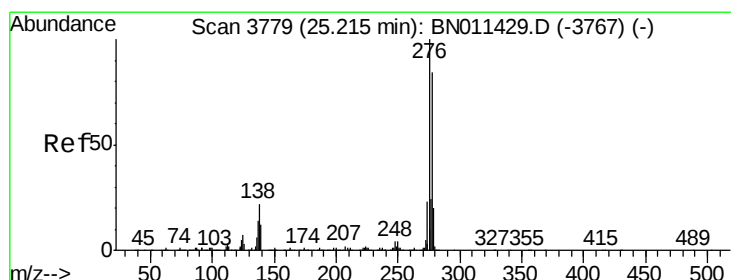
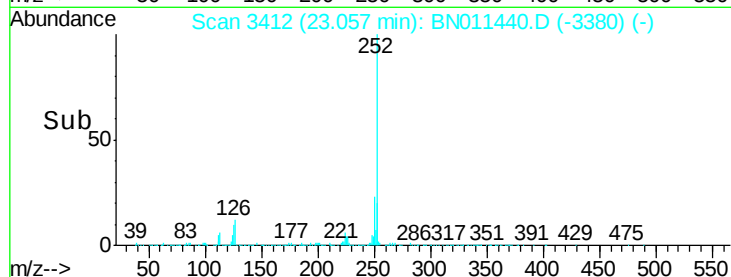
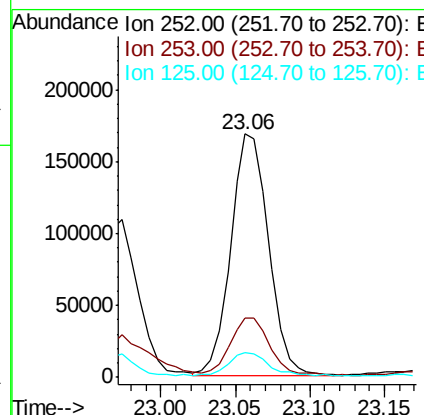
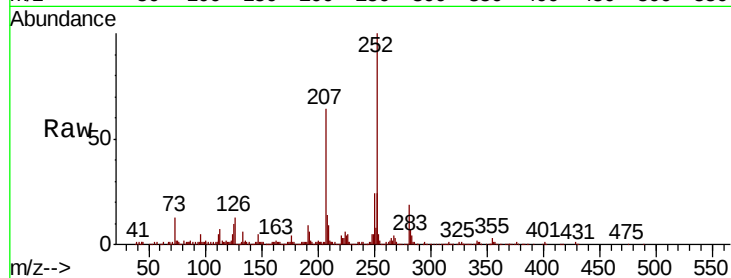
#91
Benzo(a)pyrene
Concen: 5.596 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Instrument :
BNA_N
ClientSampleId :
BFMM2

Tot Ion:	252	Resp:	296060
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.6	25.0
125	10.0	7.1	10.7

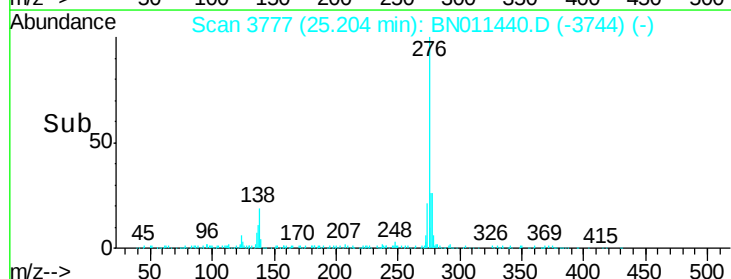
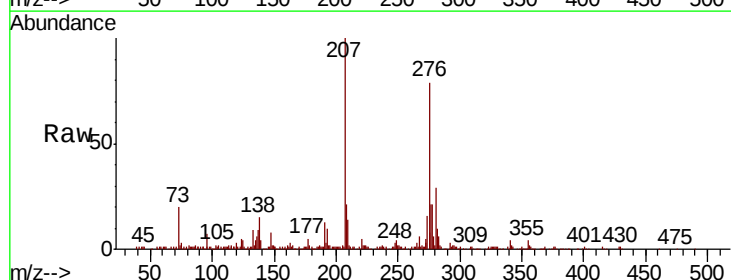
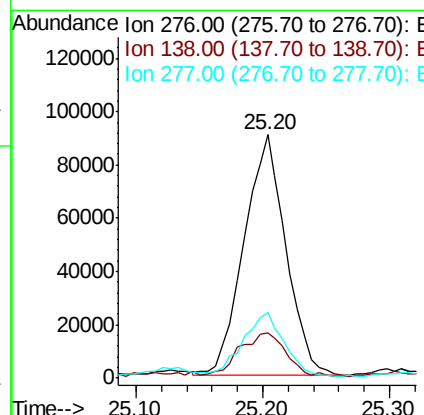
Manual Integrations
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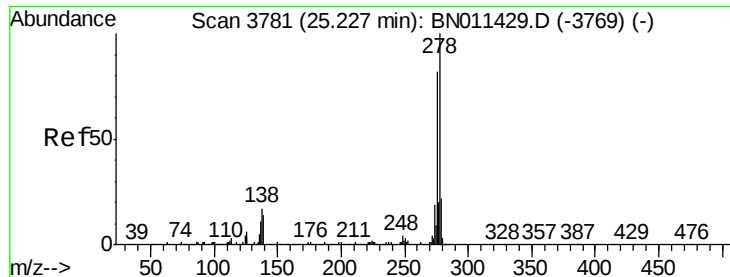
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.043 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Tgt Ion:	276	Resp:	206358
Ion Ratio	Lower	Upper	
276	100		
138	18.7	17.0	25.4
277	26.7	18.1	27.1





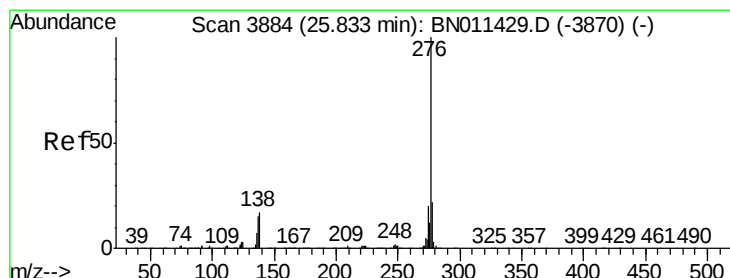
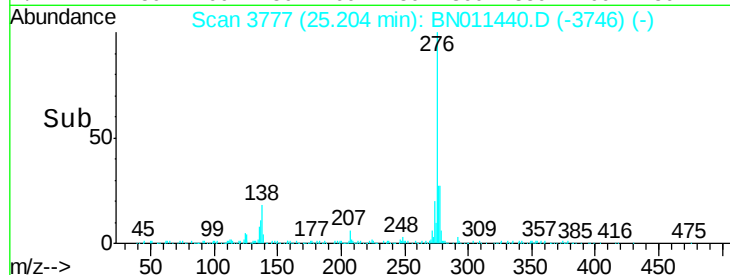
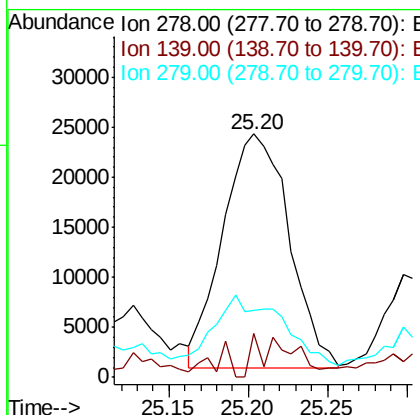
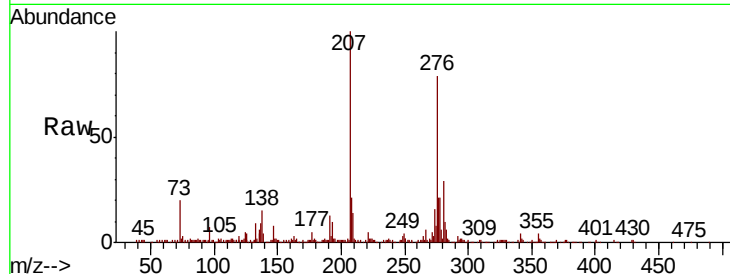
#93
Dibenzo(a,h)anthracene
Concen: 1.197 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Instrument :
BNA_N
ClientSampleId :
BFMM2

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.7	17.5#
279	27.4	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/18/2020 1:48:22 PM



#94
Benzo(g,h,i)perylene
Concen: 2.739 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BN011440.D
Acq: 14 Aug 2020 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	24.6	16.2	24.4#

