

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011464.D
 Acq On : 17 Aug 2020 23:27
 Operator : CG/JU
 Sample : L3611-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM6

Manual Integrations
 APPROVED

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Quant Time: Aug 18 06:32:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	210025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	810165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	504333	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1065773	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1077475	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1092497	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	4511	1.03	ng/uL	0.00
5) Phenol-d5	6.64	99	71341	4.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	46885	6.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	67572	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	35474	2.94	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	35067	5.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	36011	5.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	58110	4.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	71023	4.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	247670	6.31	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	248953	5.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	19563m	2.94	ng/ul	0.02
58) Fluorene-d10	15.07	176	197438	5.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	17077	2.42	ng/ul	0.00
71) Anthracene-d10	16.92	188	283018m	5.56	ng/ul	0.00
79) Pyrene-d10	19.23	212	315518	5.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	307910	5.07	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.54	163	49400	1.226 ng/ul#	98
70) Phenanthrene	16.86	178	69501	1.099 ng/ul	96
77) Fluoranthene	18.89	202	200610	2.593 ng/ul#	98
80) Pyrene	19.26	202	155035	2.045 ng/ul#	93
83) Benzo(a)anthracene	21.03	228	92468	1.290 ng/ul	98
85) Chrysene	21.07	228	113871	1.599 ng/ul	97
88) Benzo(b)fluoranthene	22.53	252	151205	1.980 ng/ul#	97
91) Benzo(a)pyrene	23.06	252	76955	1.094 ng/ul#	93

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

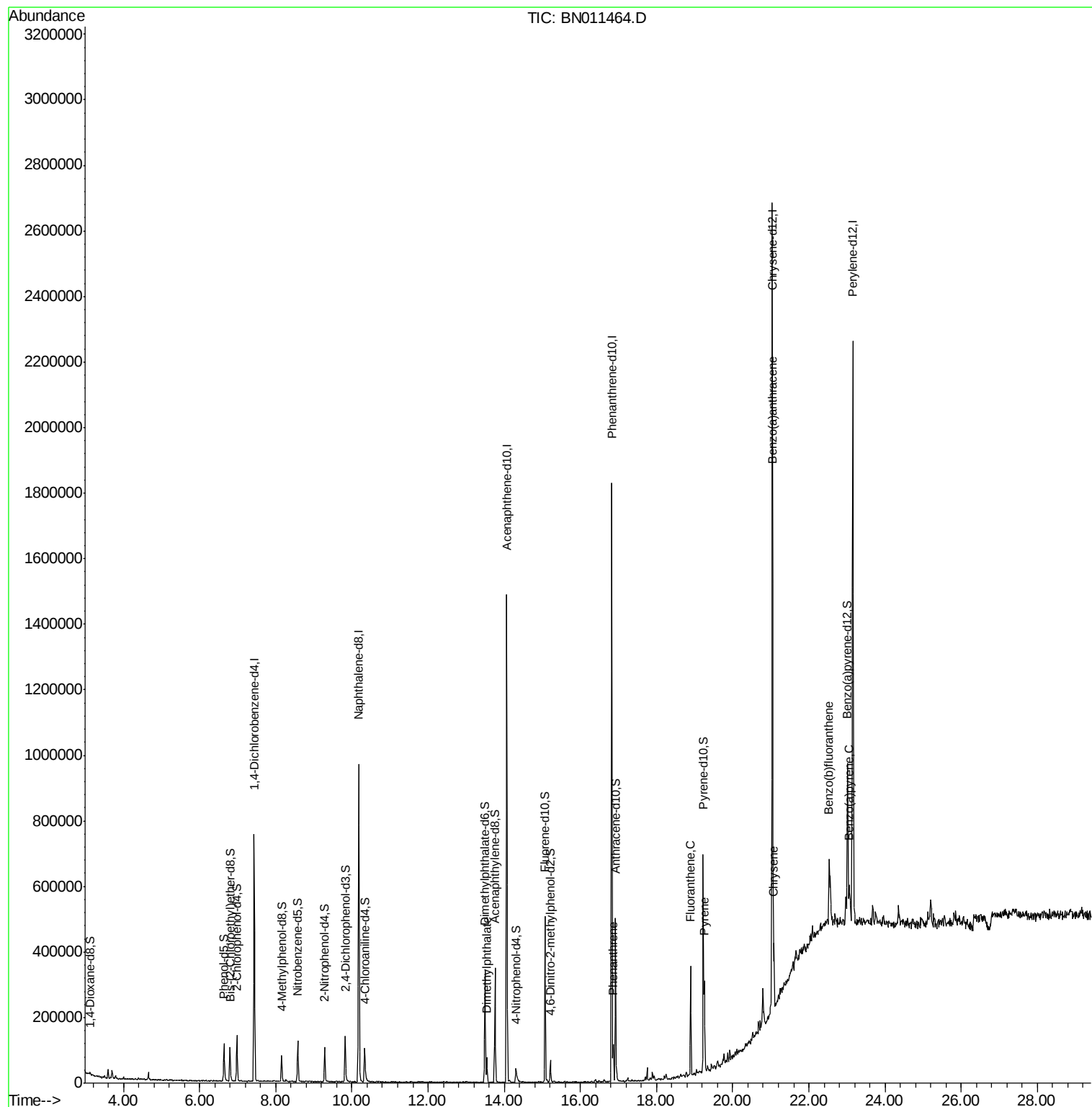
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
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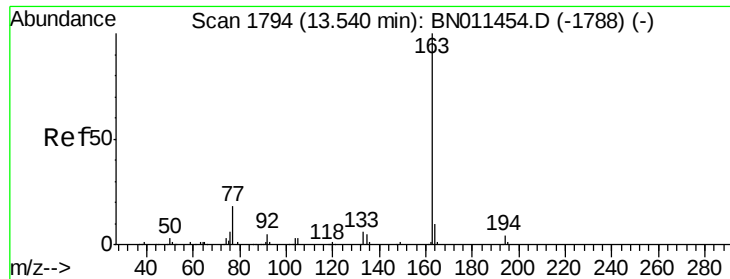
Instrument :
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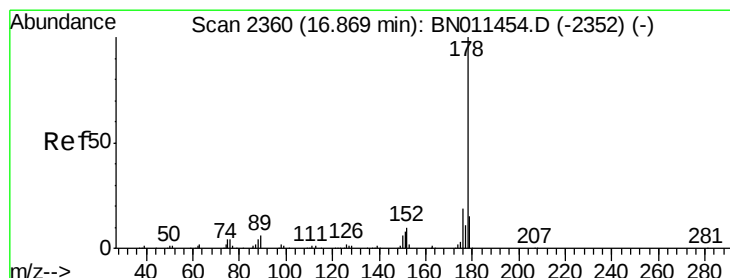
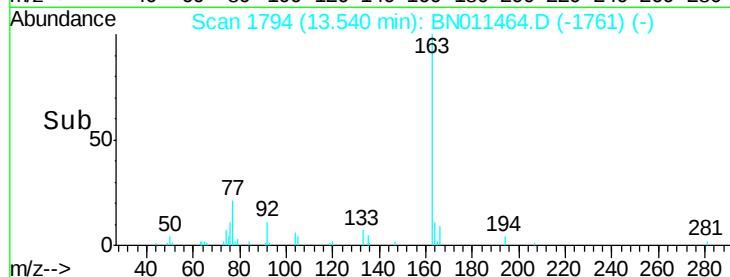
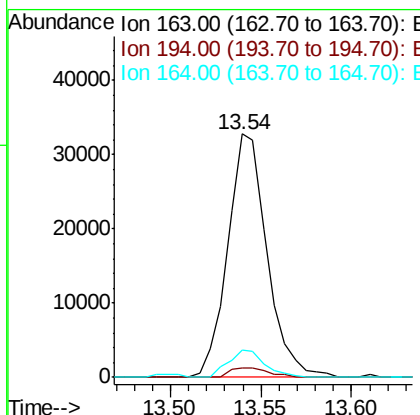
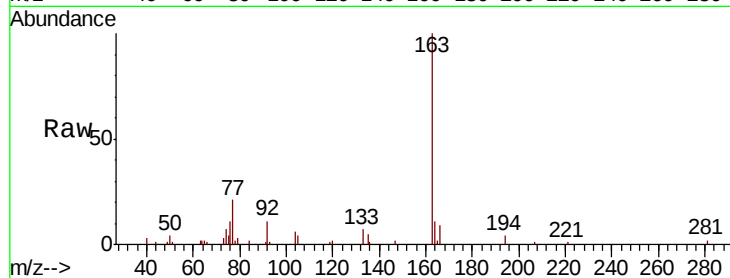
#45
Dimethylphthalate
Concen: 1.226 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN011464.D
Acq: 17 Aug 2020 23:27

Instrument :
BNA_N
ClientSampleId :
DBFM6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.8	5.6#
164	11.3	8.7	13.1

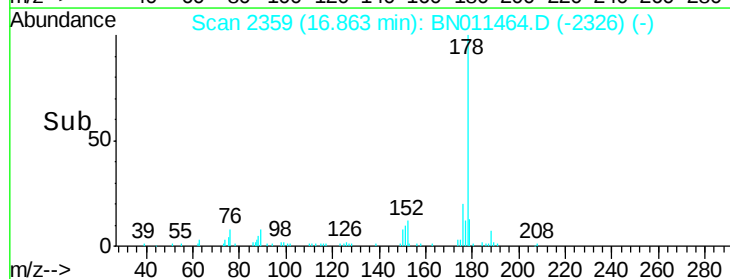
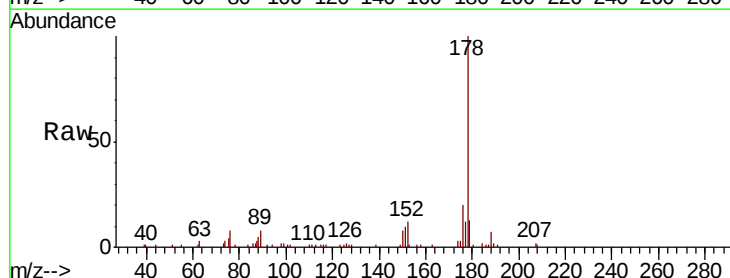
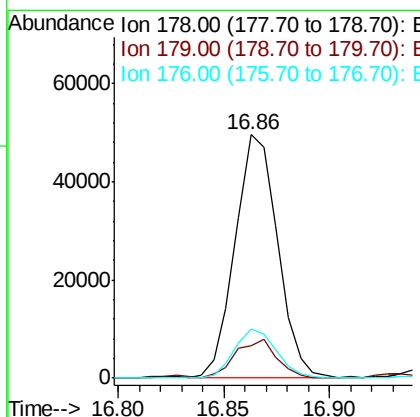
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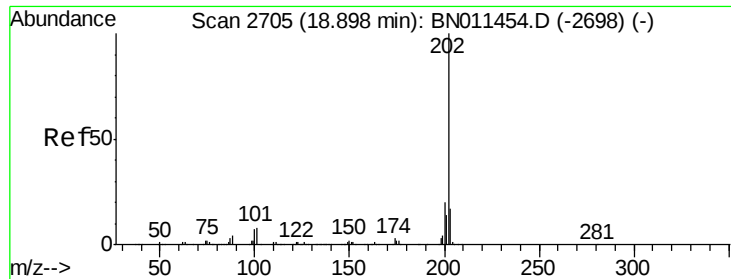
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#70
Phenanthrene
Concen: 1.099 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN011464.D
Acq: 17 Aug 2020 23:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.4	13.1	19.7
176	20.0	15.7	23.5





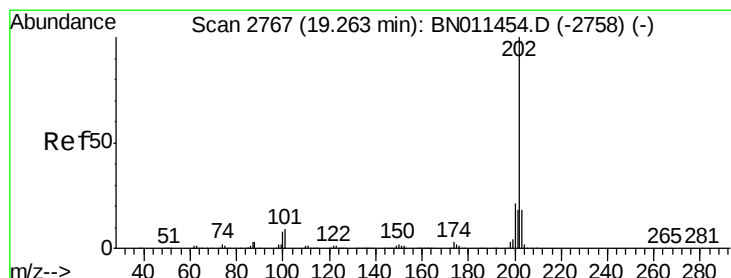
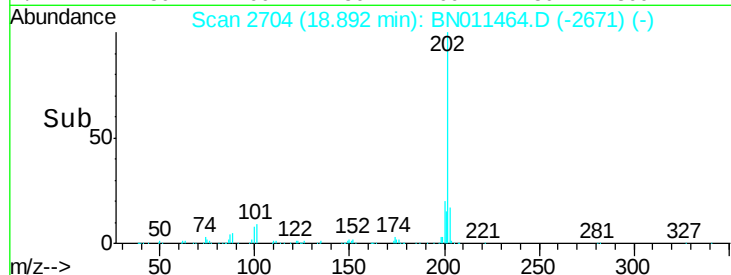
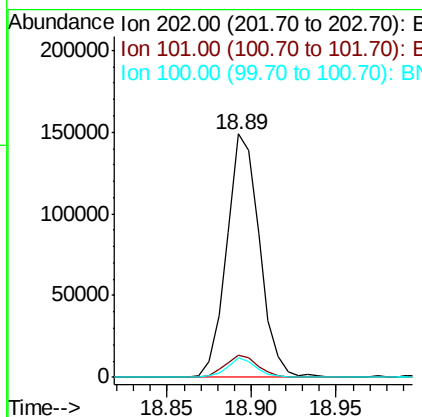
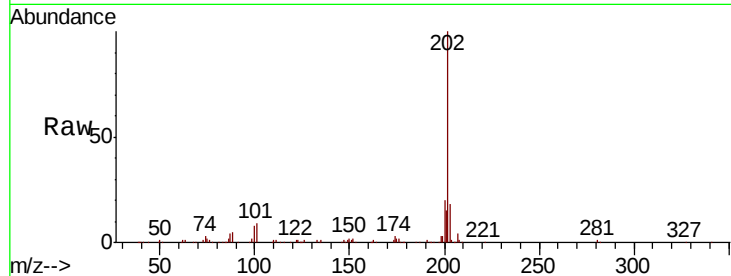
#77
Fluoranthene
 Concen: 2.593 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN011464.D
 Acq: 17 Aug 2020 23:27

Instrument :
 BNA_N
 ClientSampleId :
 DBFM6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	200610		
101	9.1	7.3	10.9	
100	8.1	5.2	7.8	

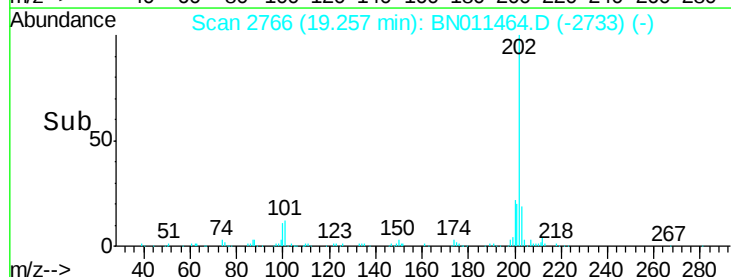
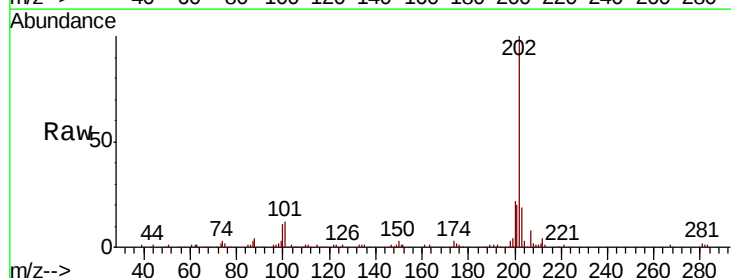
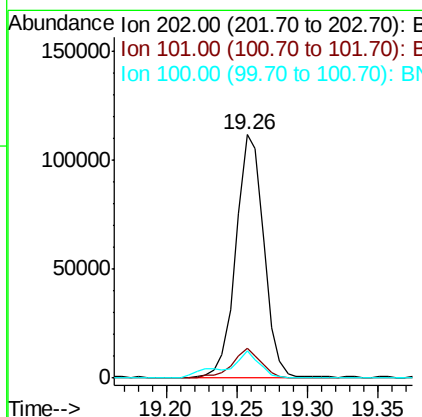
Manual Integrations
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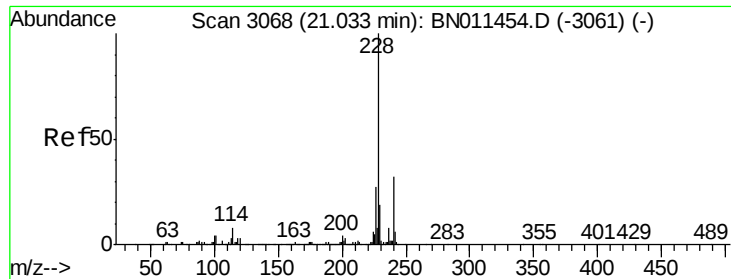
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#80
Pyrene
 Concen: 2.045 ng/ul
 RT: 19.26 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BN011464.D
 Acq: 17 Aug 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	155035		
101	12.2	7.8	11.8	
100	11.1	6.5	9.7	





#83

Benzo(a)anthracene

Concen: 1.290 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN011464.D

Acq: 17 Aug 2020 23:27

Instrument :

BNA_N

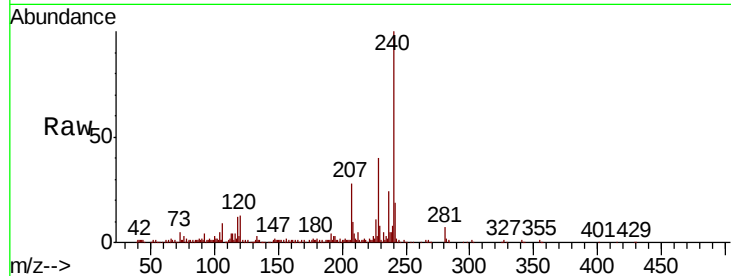
ClientSampleId :

DBFM6

Tot Ion:	228	Resp:	92468
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.0	22.4
226	27.2	21.5	32.3

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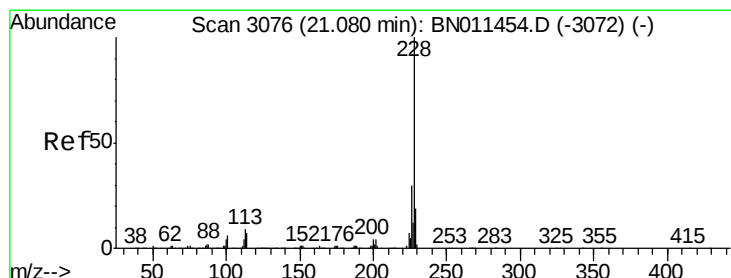
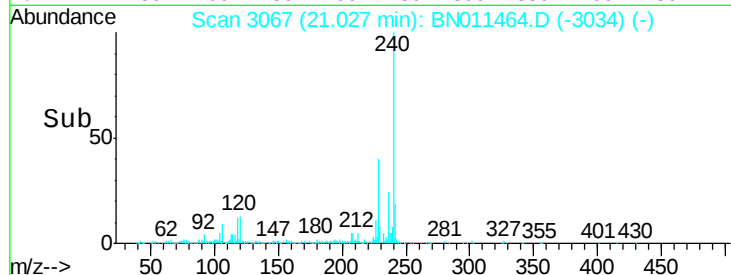
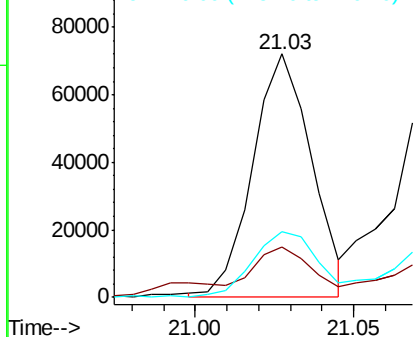


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.599 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN011464.D

Acq: 17 Aug 2020 23:27

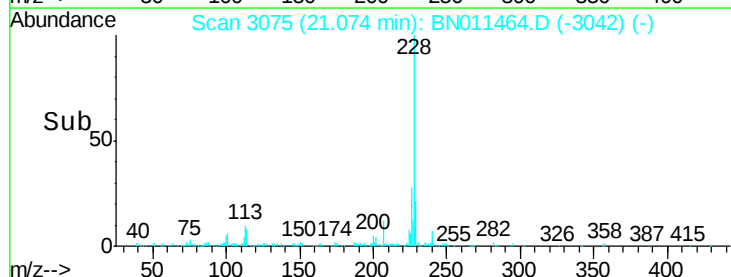
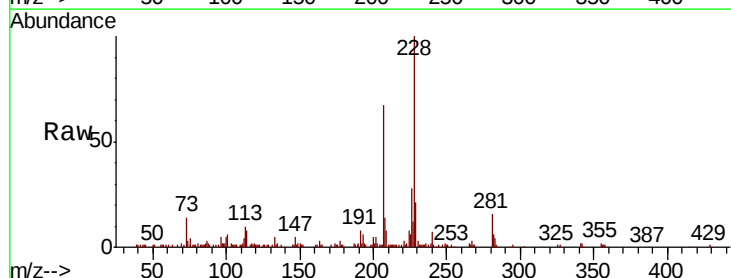
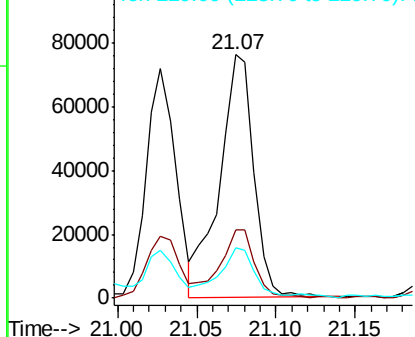
Tgt Ion:	228	Resp:	113871
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.5	35.3
229	20.8	15.0	22.6

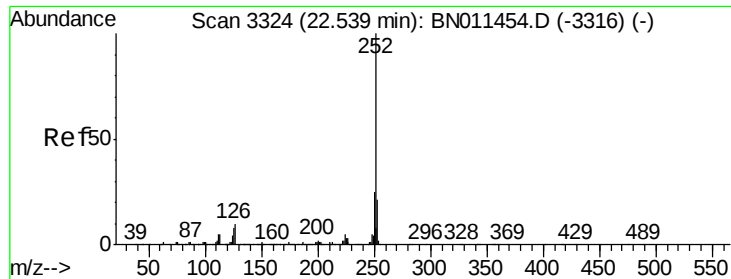
Abundance

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





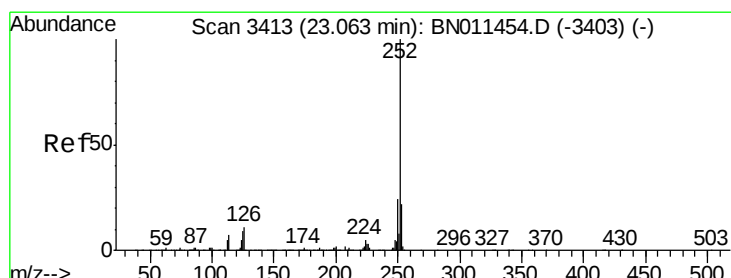
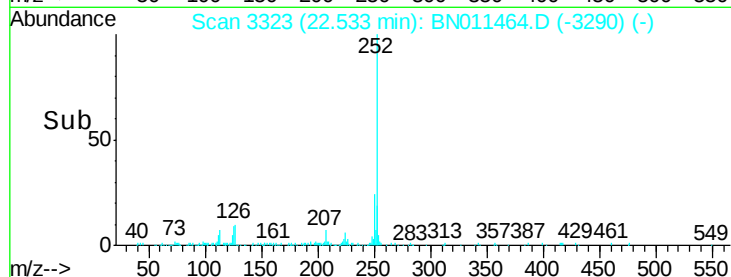
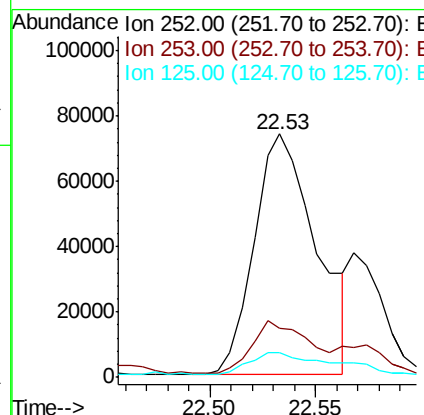
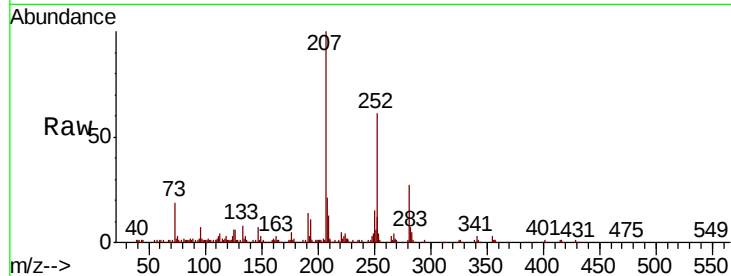
#88
Benzo(b)fluoranthene
Concen: 1.980 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN011464.D
Acq: 17 Aug 2020 23:27

Instrument :
BNA_N
ClientSampled :
DBFM6

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.2	25.8
125	10.0	6.6	9.8#

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#91
Benzo(a)pyrene
Concen: 1.094 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BN011464.D
Acq: 17 Aug 2020 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	25.0
125	12.2	7.1	10.7#

