

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011442.D
 Acq On : 15 Aug 2020 00:47
 Operator : CG/JU
 Sample : L3631-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMN3

Manual Integrations
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mohammad
 8/18/2020 1:48:30 PM

Quant Time: Aug 17 02:26:15 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	170287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	645250	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	430246	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	859075	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	875591	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	886553	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	10188m	2.87	ng/uL	0.00
5) Phenol-d5	6.64	99	204432	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	114441	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	203447	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	176805	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	87214	17.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	98289	17.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	179777	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	198194	15.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	676120	20.18	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	696267	17.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	75227	13.25	ng/ul	0.00
58) Fluorene-d10	15.07	176	508798	17.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	71626	12.57	ng/ul	0.00
71) Anthracene-d10	16.92	188	790509	19.26	ng/ul	0.00
79) Pyrene-d10	19.23	212	841905	18.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	867236	17.61	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.67	94	26322	2.144	ng/ul 99
45) Dimethylphthalate	13.54	163	118072	3.434	ng/ul 100
70) Phenanthrene	16.87	178	534039	10.481	ng/ul 96
72) Anthracene	16.96	178	122695	2.377	ng/ul 97
75) Carbazole	17.24	167	53730	1.238	ng/ul 98
77) Fluoranthene	18.90	202	766371	12.291	ng/ul 99
80) Pyrene	19.26	202	595909	9.671	ng/ul 98
83) Benzo(a)anthracene	21.03	228	368738	6.330	ng/ul 99
85) Chrysene	21.08	228	355882	6.151	ng/ul 97
88) Benzo(b)fluoranthene	22.53	252	452221	7.296	ng/ul 99
89) Benzo(k)fluoranthene	22.57	252	184060	2.990	ng/ul 96
91) Benzo(a)pyrene	23.06	252	291880	5.111	ng/ul# 91
92) Indeno(1,2,3-cd)pyrene	25.20	276	199593	2.727	ng/ul 95
93) Dibenzo(a,h)anthracene	25.21	278	62840	1.025	ng/ul# 88
94) Benzo(g,h,i)perylene	25.82	276	170192	2.805	ng/ul 96

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

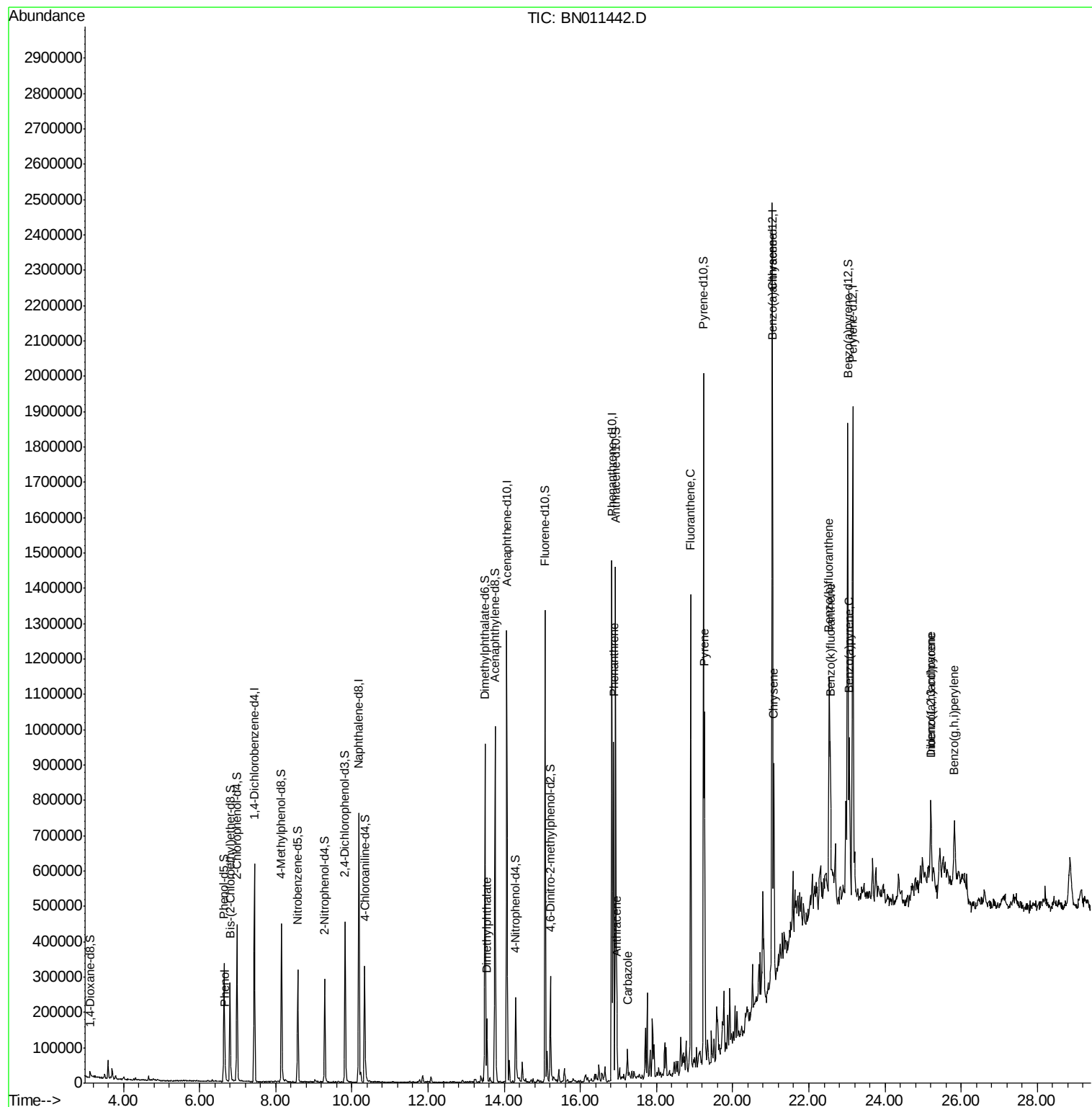
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011442.D
Acq On : 15 Aug 2020 00:47
Operator : CG/JU
Sample : L3631-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

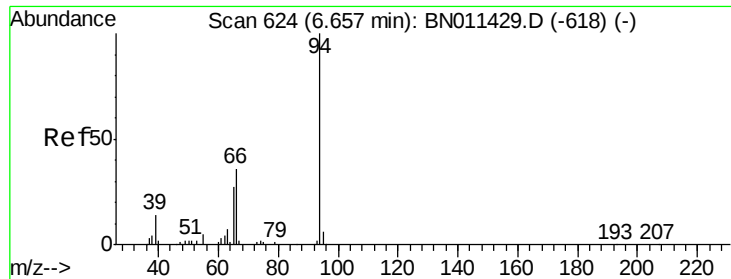
Instrument :
BNA_N
ClientSampleId :
BFMN3

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Quant Time: Aug 17 02:26:15 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: 2.144 ng/ul

RT: 6.67 min Scan# 626

Delta R.T. 0.00 min

Lab File: BN011442.D

Acq: 15 Aug 2020 00:47

Instrument :

BNA_N

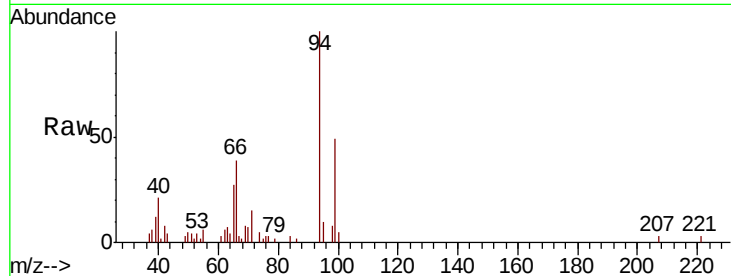
ClientSampleId :

BFMN3

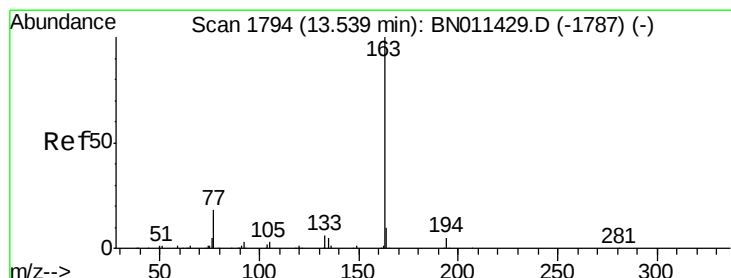
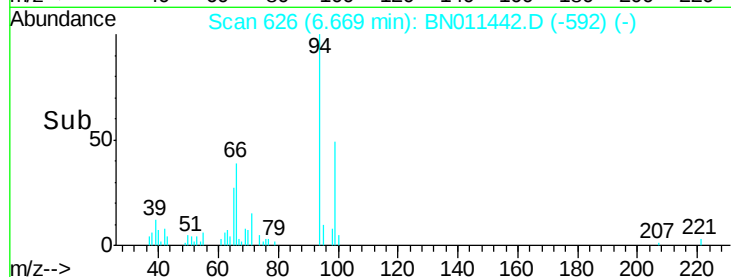
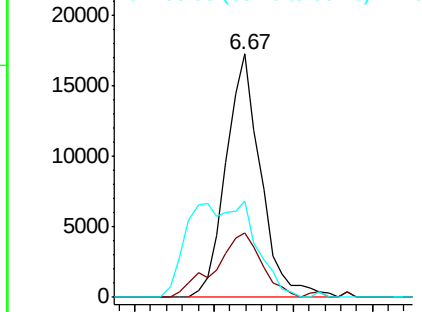
Tot Ion:	94	Resp:	26322
Ion	Ratio	Lower	Upper
94	100		
65	26.5	22.1	33.1
66	39.5	32.1	48.1

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Abundance Ion 94.00 (93.70 to 94.70): BN011442.D (-592) (-)



#45

Dimethylphthalate

Concen: 3.434 ng/ul

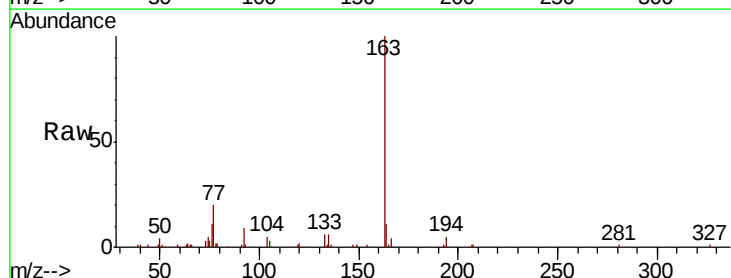
RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

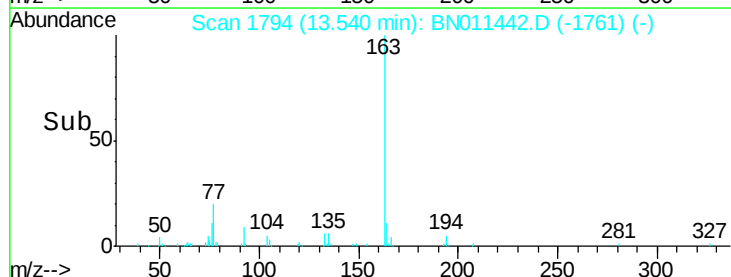
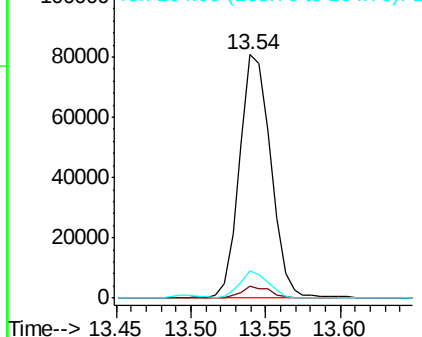
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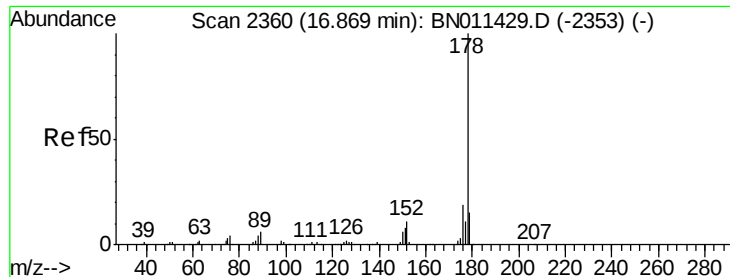
Acq: 15 Aug 2020 00:47

Tgt Ion:	163	Resp:	118072
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	11.1	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): BN011442.D (-1761) (-)





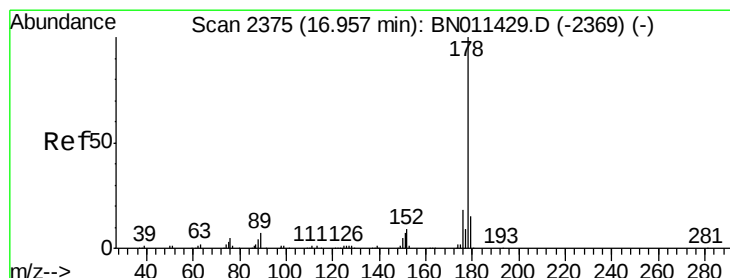
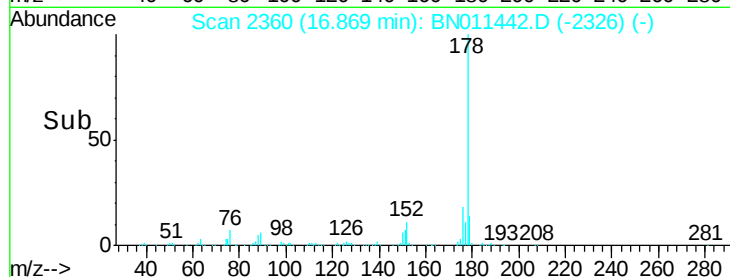
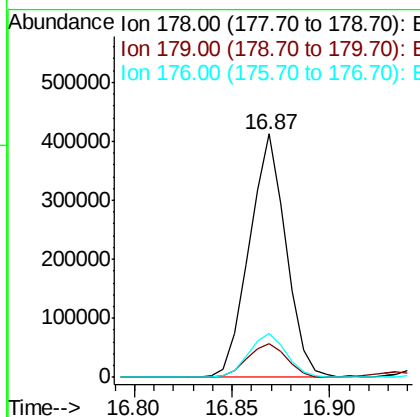
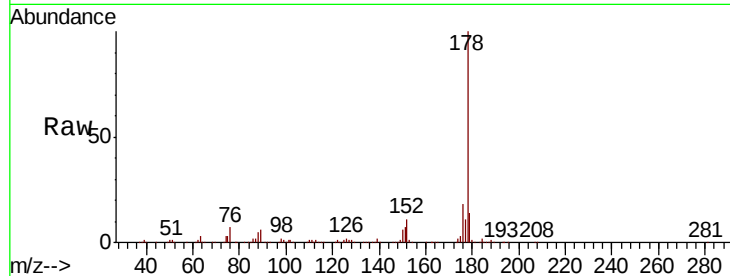
#70
Phenanthrene
Concen: 10.481 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Instrument :
BNA_N
ClientSampled :
BFMN3

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.0	13.1	19.7
176	18.1	15.7	23.5

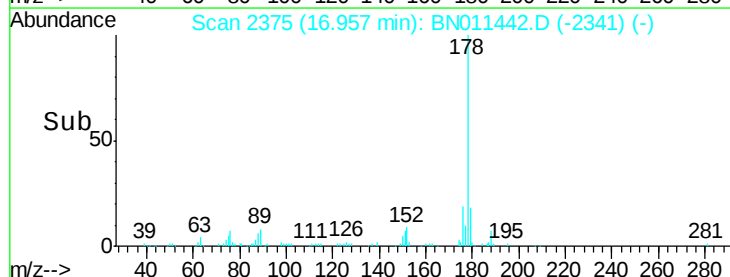
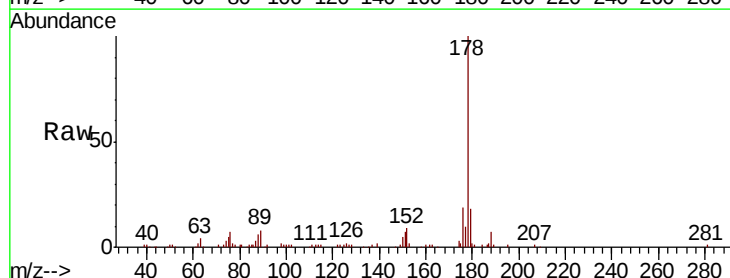
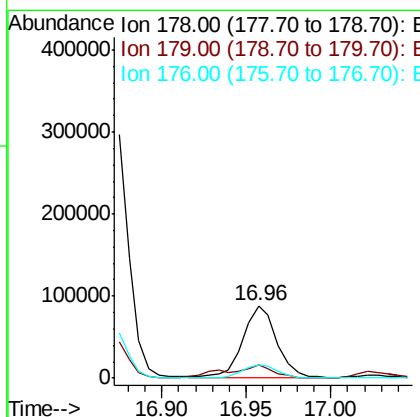
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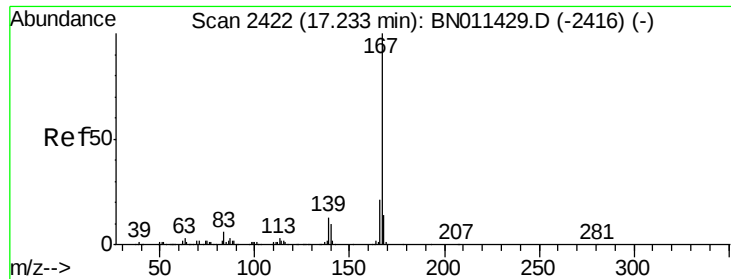
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#72
Anthracene
Concen: 2.377 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.4
176	18.7	14.6	21.8





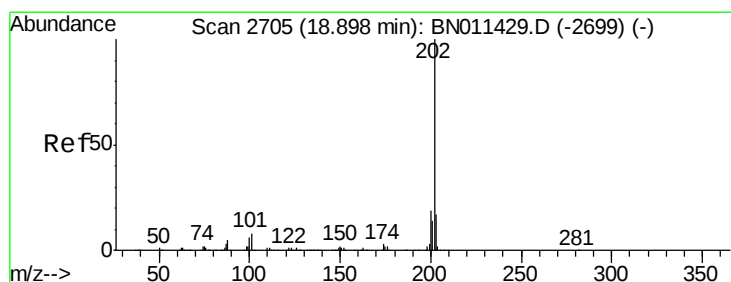
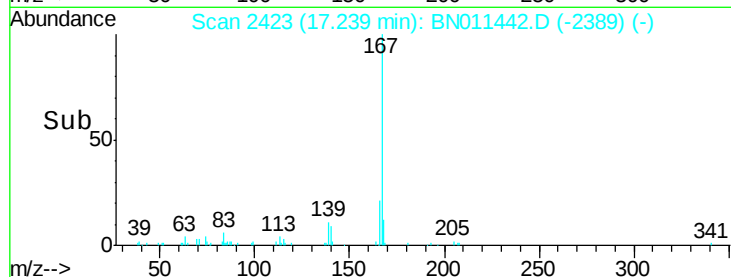
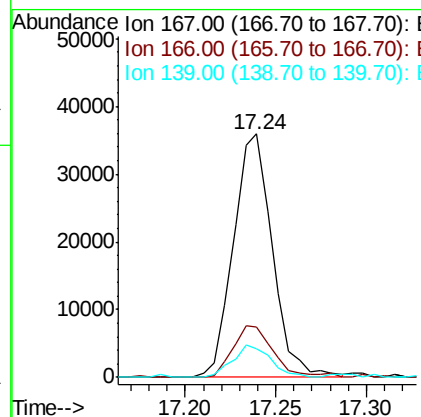
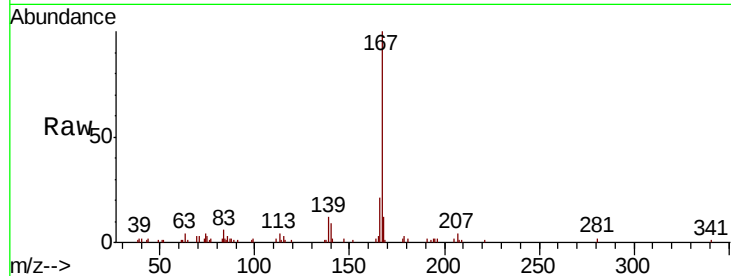
#75
 Carbazole
 Concen: 1.238 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BN011442.D
 Acq: 15 Aug 2020 00:47

Instrument :
 BNA_N
 ClientSampleId :
 BFMN3

Tot Ion:	167	Resp:	53730
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.2	25.8
139	11.8	10.2	15.2

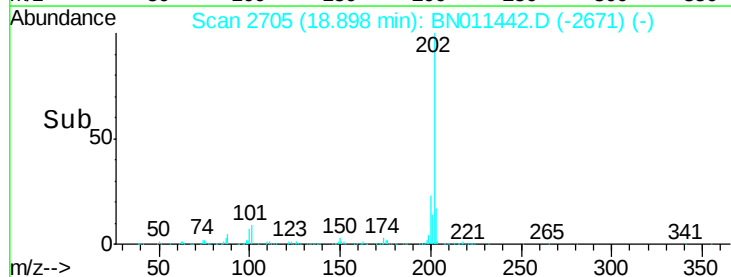
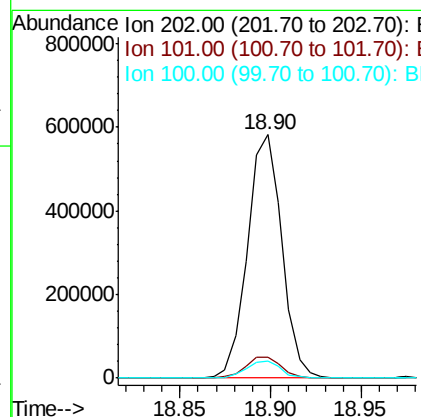
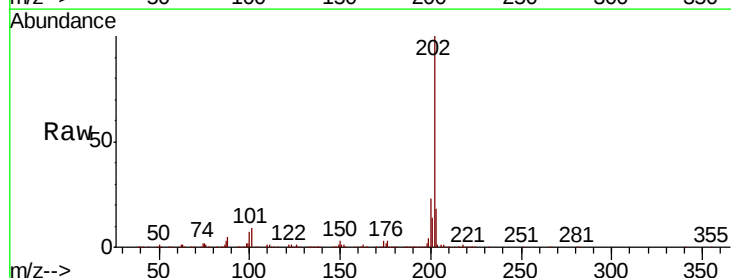
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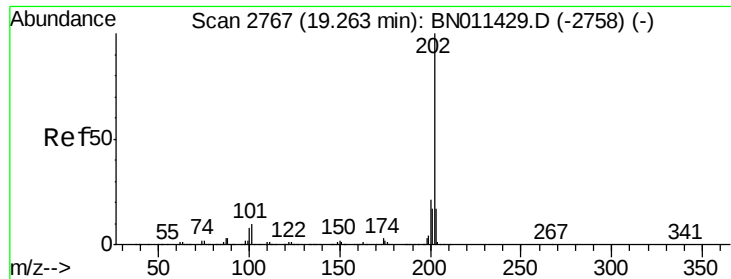
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#77
 Fluoranthene
 Concen: 12.291 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. 0.00 min
 Lab File: BN011442.D
 Acq: 15 Aug 2020 00:47

Tgt Ion:	202	Resp:	766371
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.3	10.9
100	6.9	5.2	7.8





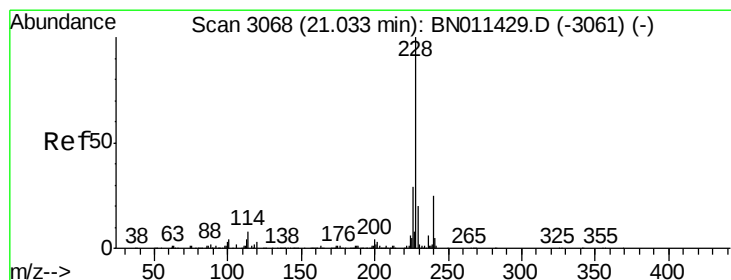
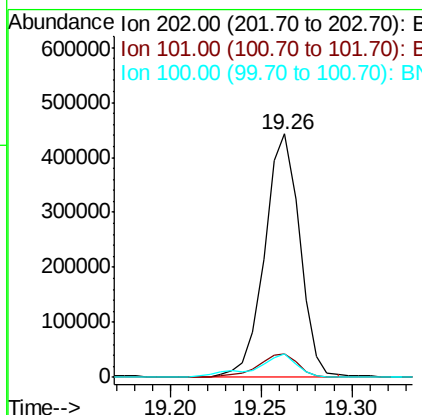
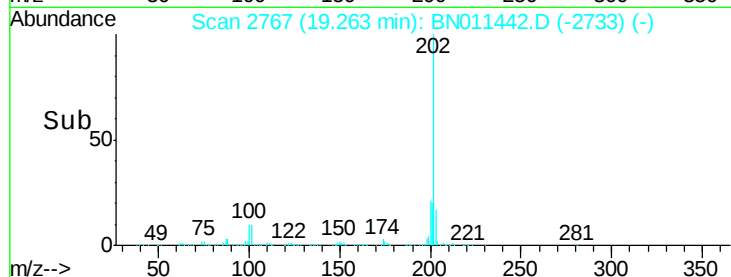
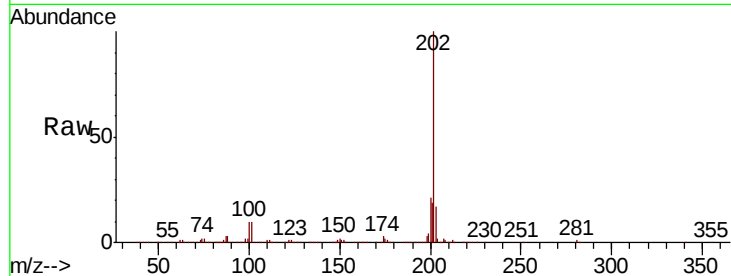
#80
Pvrene
Concen: 9.671 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Instrument :
BNA_N
ClientSampleId :
BFMN3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	7.8	11.8
100	9.6	6.5	9.7

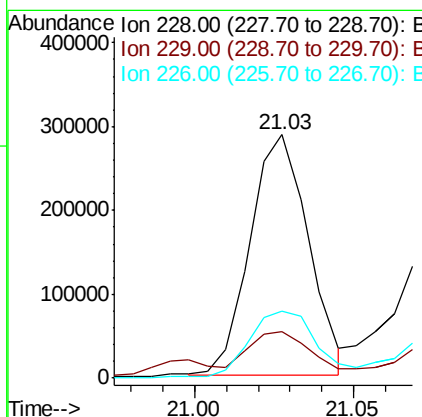
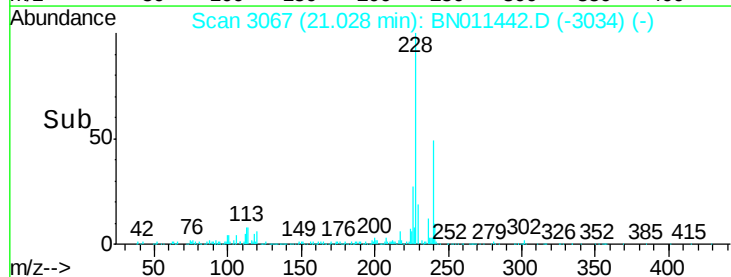
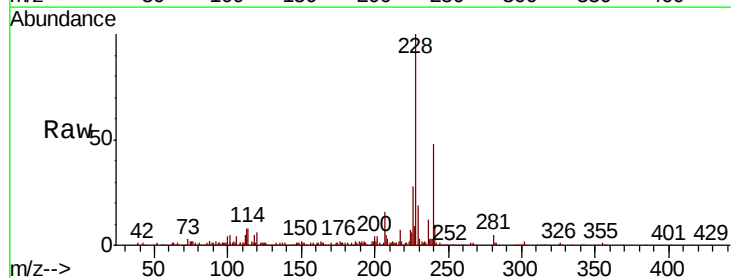
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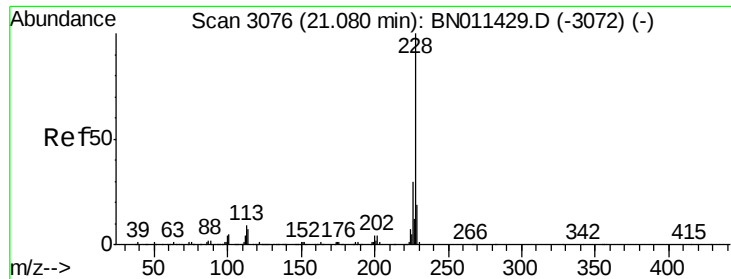
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#83
Benzo(a)anthracene
Concen: 6.330 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.4	15.0	22.4
226	27.6	21.5	32.3





#85

Chrysene

Concen: 6.151 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN011442.D

Acq: 15 Aug 2020 00:47

Instrument :

BNA_N

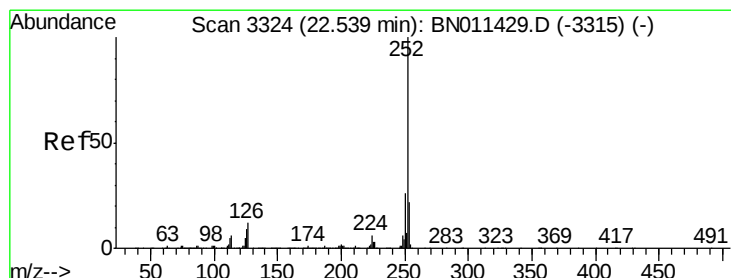
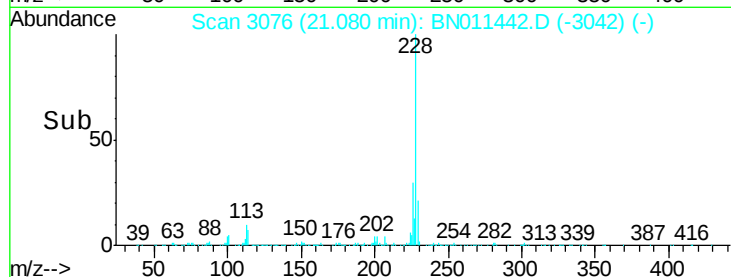
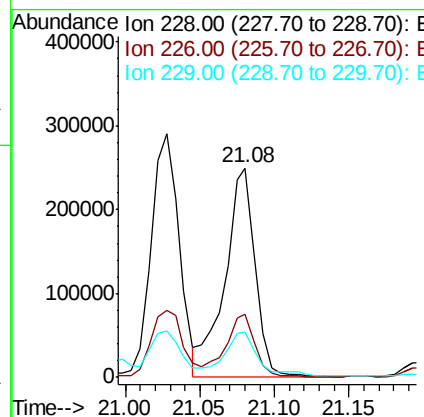
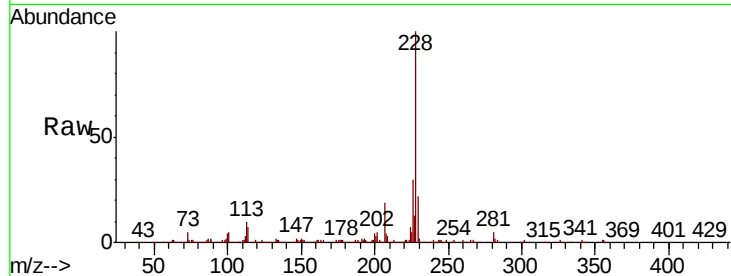
ClientSampleId :

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Tot Ion:	228	Resp:	355882
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.5	35.3
229	21.7	15.0	22.6

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#88

Benzo(b)fluoranthene

Concen: 7.296 ng/ul

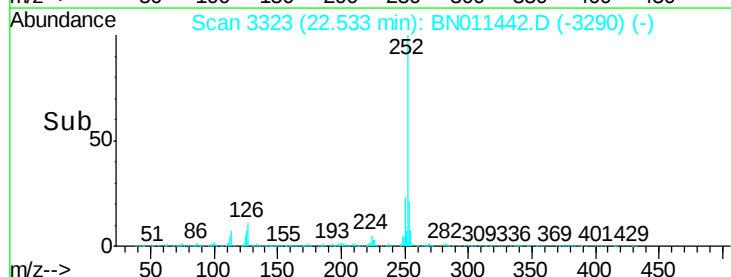
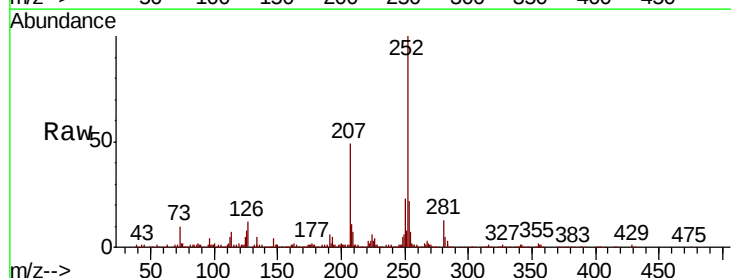
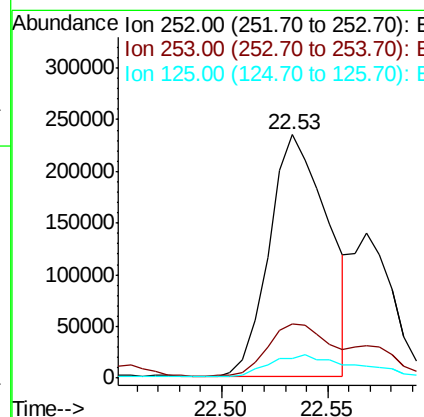
RT: 22.53 min Scan# 3323

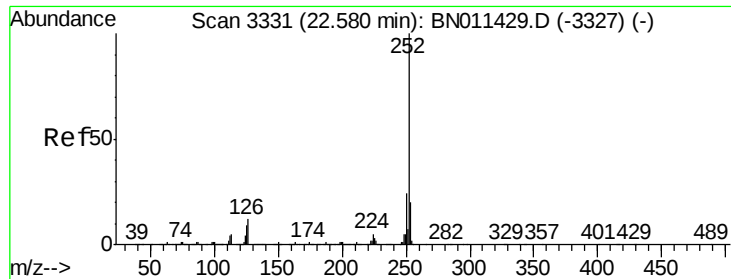
Delta R.T. -0.01 min

Lab File: BN011442.D

Acq: 15 Aug 2020 00:47

Tgt Ion:	252	Resp:	452221
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	7.9	6.6	9.8





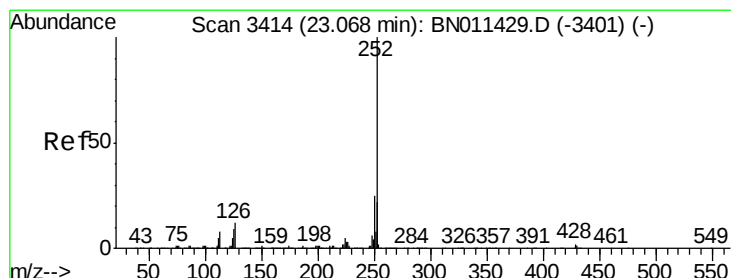
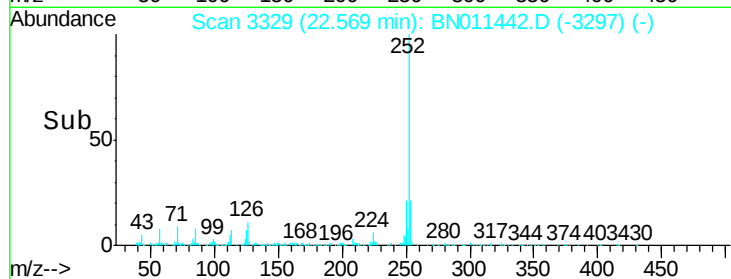
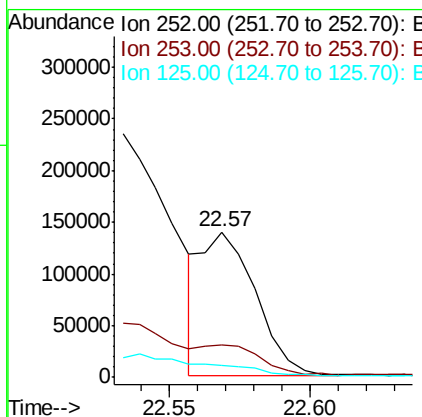
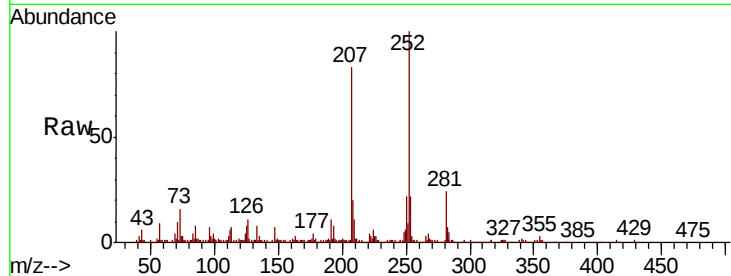
#89
Benzo(k)fluoranthene
Concen: 2.990 ng/ul
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Instrument :
BNA_N
ClientSampleId :
BFMN3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	15.8	23.6
125	7.9	6.0	9.0

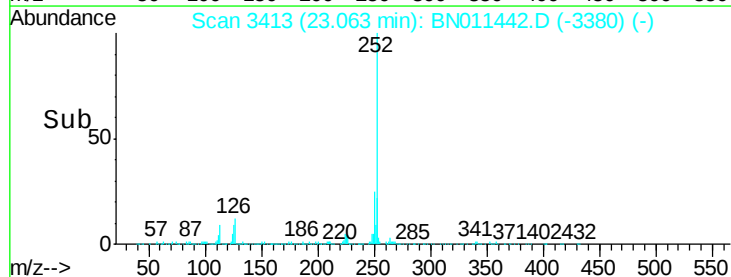
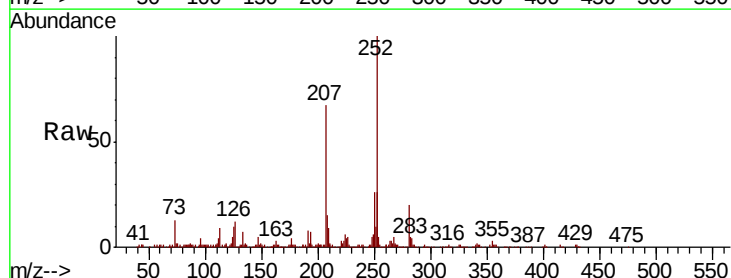
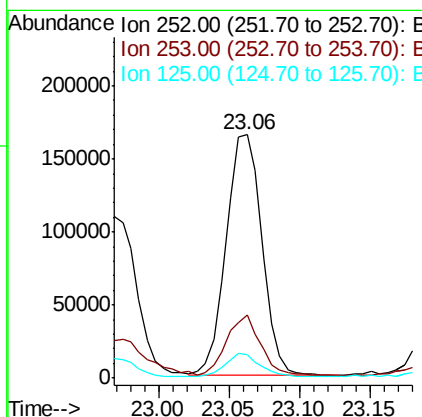
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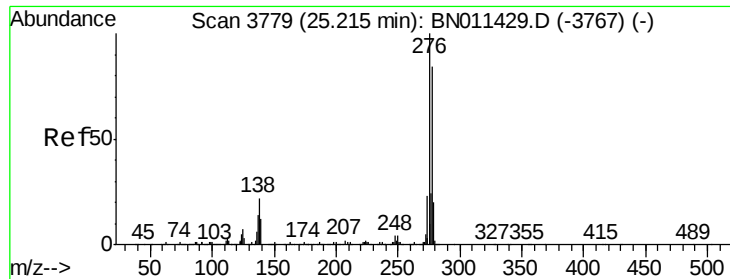
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#91
Benzo(a)pyrene
Concen: 5.111 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	16.6	25.0#
125	9.7	7.1	10.7





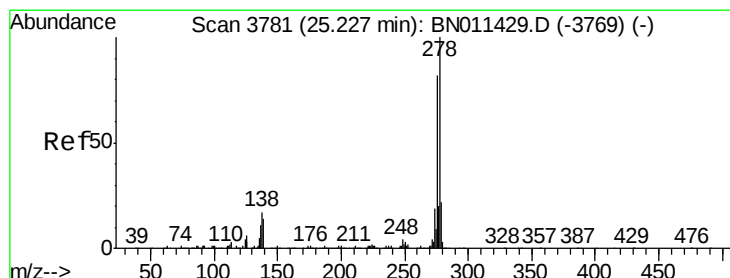
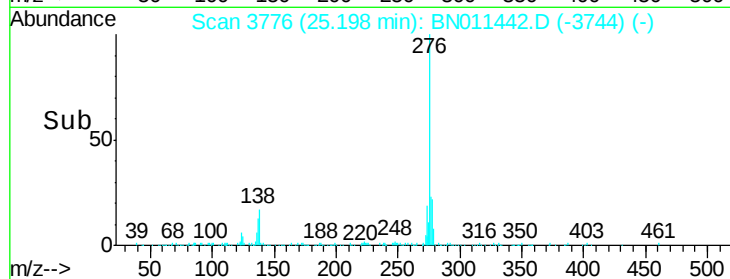
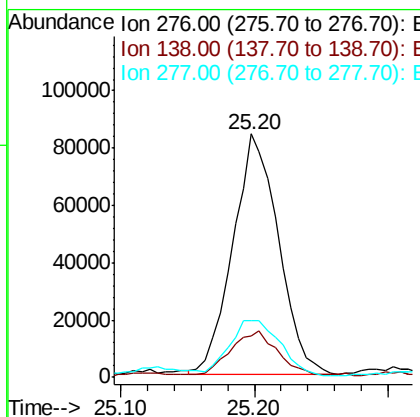
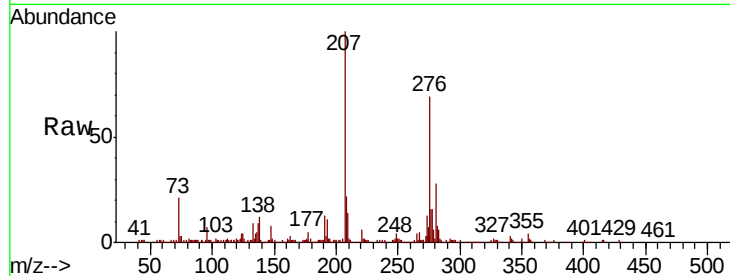
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.727 ng/ul
RT: 25.20 min Scan# 3776
Delta R.T. -0.01 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Instrument :
BNA_N
ClientSampleId :
BFMN3

Tot Ion	Ratio	Resp	Lower	Upper
276	100	199593		
138	17.1		17.0	25.4
277	23.2		18.1	27.1

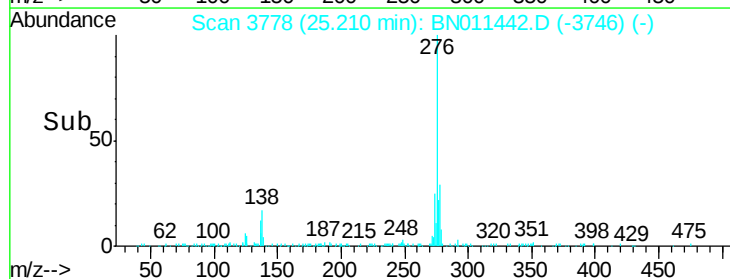
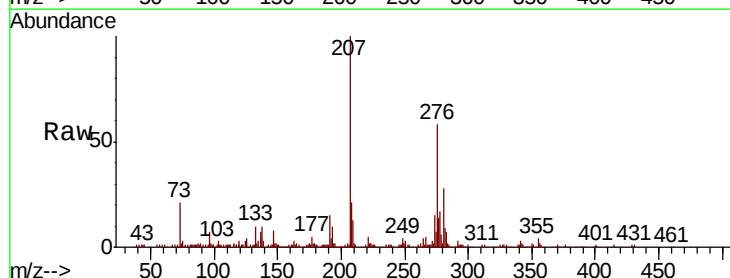
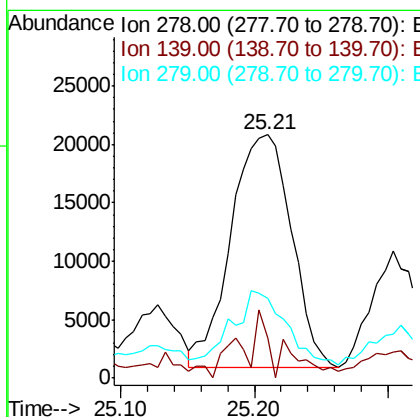
Manual Integrations
APPROVED

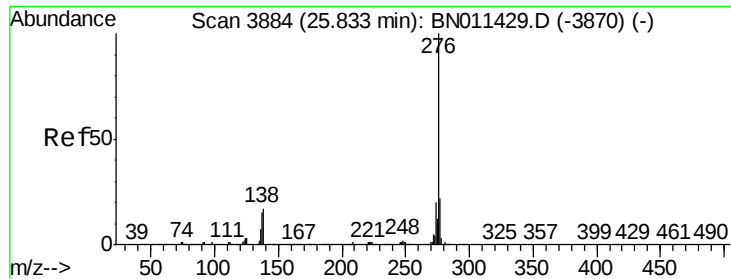
mohammad
8/18/2020 1:48:30 PM



#93
Dibenzo(a,h)anthracene
Concen: 1.025 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN011442.D
Acq: 15 Aug 2020 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	62840		
139	16.3		11.7	17.5
279	32.8		19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 2.805 ng/ul

RT: 25.82 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BN011442.D

Acq: 15 Aug 2020 00:47

Instrument :

BNA_N

ClientSampleId :

BFMN3

Tot Ion:	276	Resp:	170192
Ion Ratio	Lower	Upper	
276	100		
138	17.8	15.3	22.9
277	22.7	16.2	24.4

Manual Integrations
APPROVED

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