

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011436.D
 Acq On : 14 Aug 2020 21:12
 Operator : CG/JU
 Sample : L3631-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMM7

Manual Integrations
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Quant Time: Aug 17 01:58:56 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	229135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	884046	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	551586	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1159096	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1157554	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	1210680	20.00	ng/ul	0.00

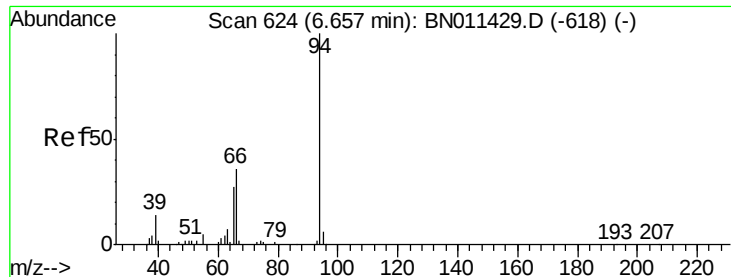
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	8394	1.76	ng/uL	0.00
5) Phenol-d5	6.64	99	199952	12.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	115835	14.02	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	182245	12.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	166199	12.63	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	94299	13.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	102903	13.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	188935	12.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	209599	12.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	661027	15.39	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	709218	13.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	72414	9.95	ng/ul	0.00
58) Fluorene-d10	15.07	176	526206	14.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	60029	7.81	ng/ul	0.00
71) Anthracene-d10	16.93	188	803059	14.50	ng/ul	0.00
79) Pyrene-d10	19.23	212	894062	15.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	908610	13.51	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.67	94	28487	1.724	ng/ul 95
45) Dimethylphthalate	13.55	163	113726	2.580	ng/ul# 98
48) Acenaphthylene	13.79	152	76858	1.436	ng/ul 98
50) Acenaphthene	14.13	153	85394	2.279	ng/ul 98
54) Dibenzofuran	14.47	168	140952	2.593	ng/ul 99
59) Fluorene	15.13	166	158615	3.621	ng/ul 96
70) Phenanthrene	16.87	178	6293573	91.543	ng/ul 97
72) Anthracene	16.96	178	1398352	20.082	ng/ul 99
75) Carbazole	17.23	167	773799	13.214	ng/ul 100
77) Fluoranthene	18.90	202	8544246	101.564	ng/ul 98
80) Pyrene	19.27	202	7241876	88.904	ng/ul 96
83) Benzo(a)anthracene	21.03	228	4399004	57.122	ng/ul 95
85) Chrysene	21.09	228	4192254	54.805	ng/ul 96
88) Benzo(b)fluoranthene	22.55	252	4170565	49.274	ng/ul 98
89) Benzo(k)fluoranthene	22.58	252	1526793m	18.163	ng/ul
91) Benzo(a)pyrene	23.07	252	2855041	36.610	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.22	276	1533804	15.345	ng/ul 93
93) Dibenzo(a,h)anthracene	25.22	278	539500	6.447	ng/ul# 92
94) Benzo(g,h,i)perylene	25.84	276	1115089	13.457	ng/ul 98

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



#6

Phenol

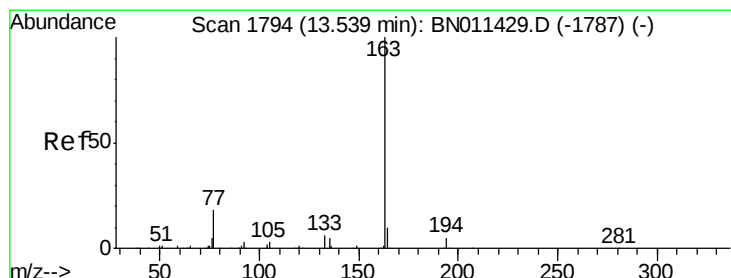
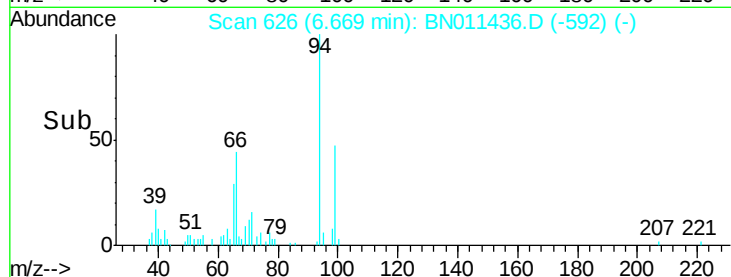
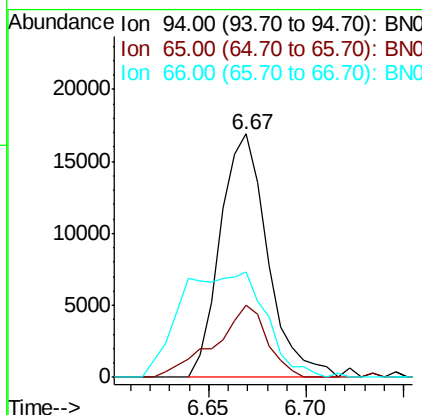
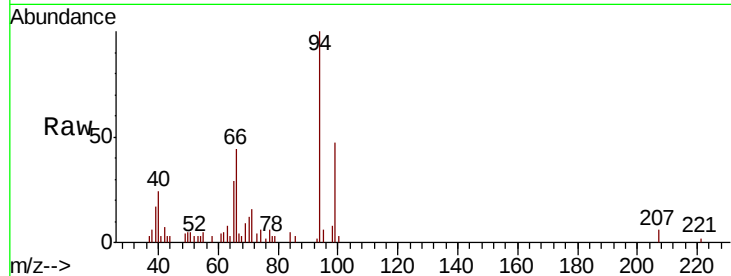
Concen: 1.724 ng/ul
 RT: 6.67 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Instrument :
 BNA_N
 ClientSampleId :
 BFMM7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		28487		
65	29.4	22.1	33.1		
66	43.5	32.1	48.1		

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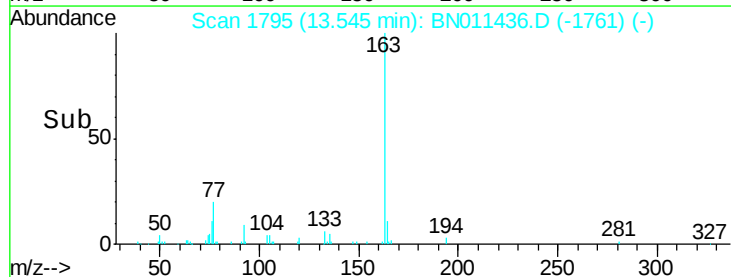
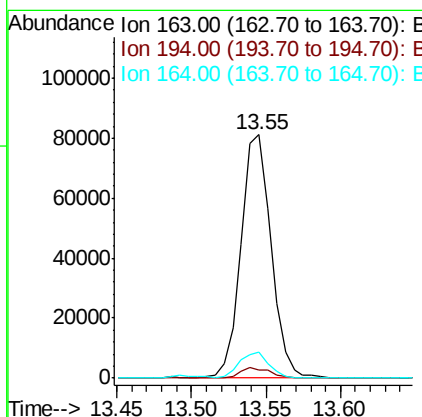
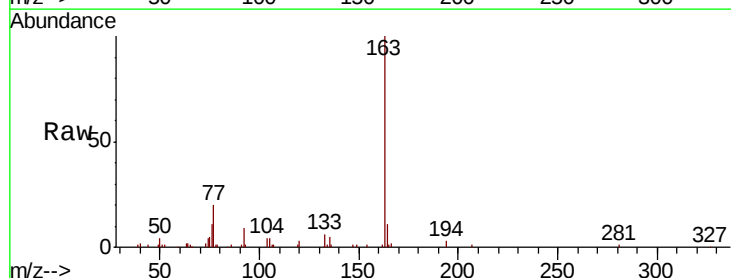


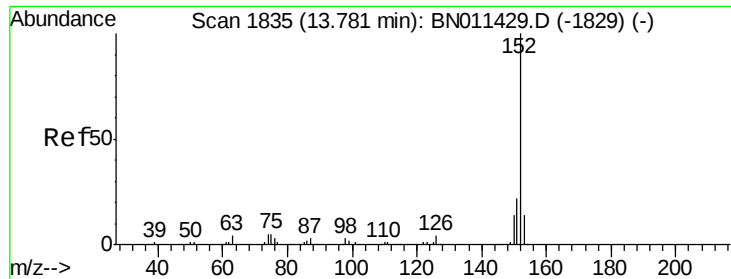
#45

Dimethylphthalate

Concen: 2.580 ng/ul
 RT: 13.55 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		113726		
194	3.1	3.8	5.6#		
164	10.7	8.7	13.1		





#48

Acenaphthylene

Concen: 1.436 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN011436.D

Acq: 14 Aug 2020 21:12

Instrument :

BNA_N

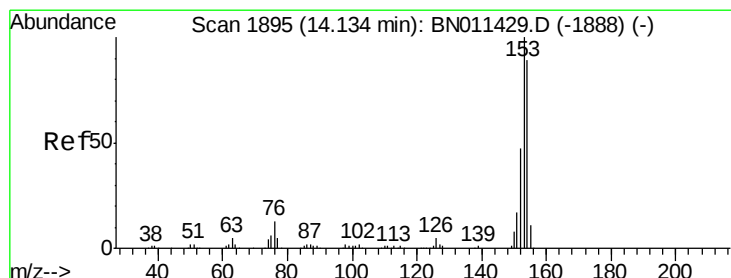
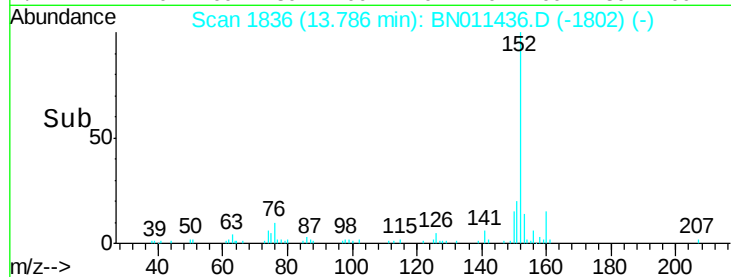
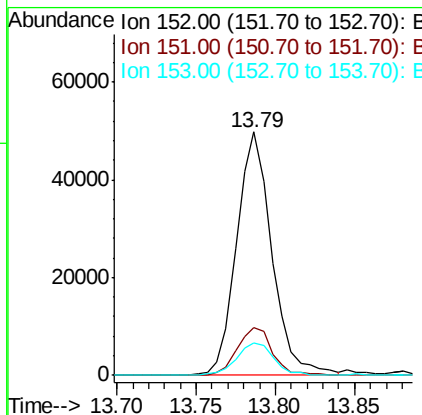
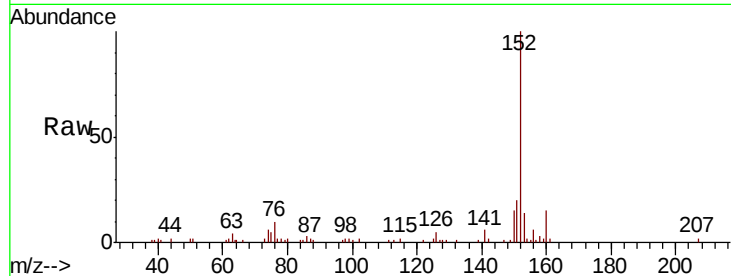
ClientSampleId :

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Tot Ion:	152	Resp:	76858
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.4	23.2
153	13.5	9.9	14.9

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#50

Acenaphthene

Concen: 2.279 ng/ul

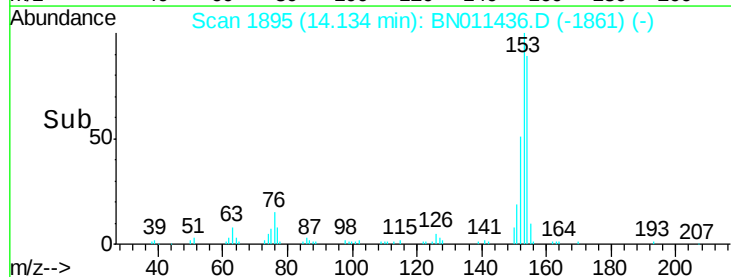
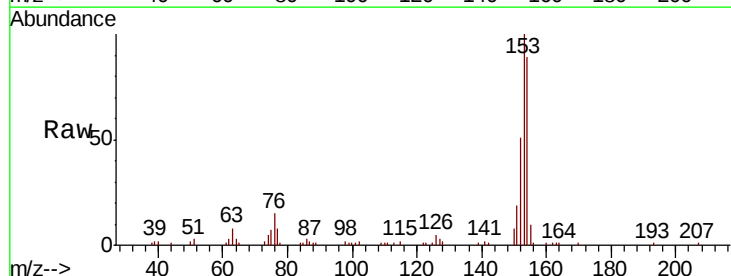
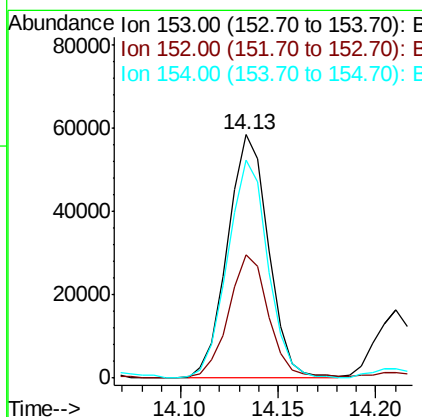
RT: 14.13 min Scan# 1895

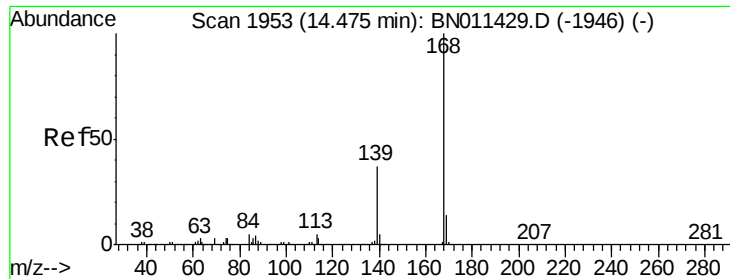
Delta R.T. -0.00 min

Lab File: BN011436.D

Acq: 14 Aug 2020 21:12

Tgt Ion:	153	Resp:	85394
Ion Ratio	Lower	Upper	
153	100		
152	50.7	37.6	56.4
154	89.5	72.0	108.0





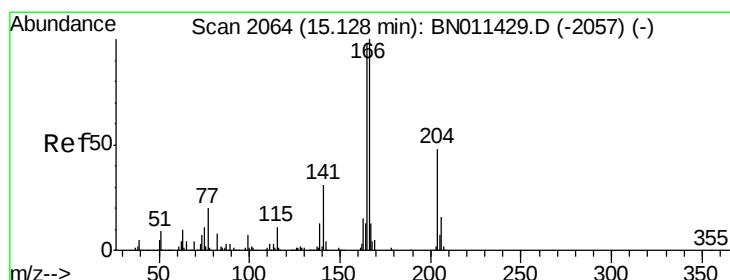
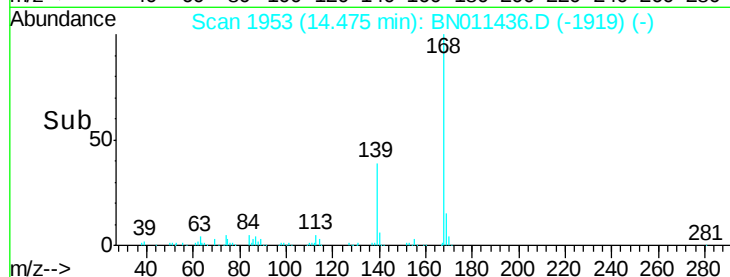
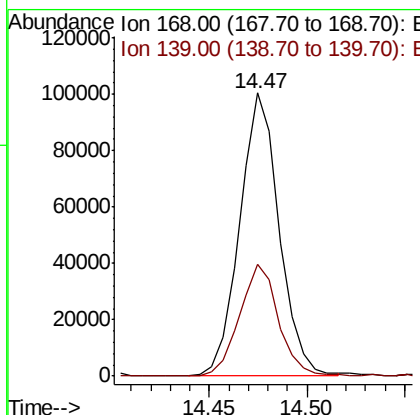
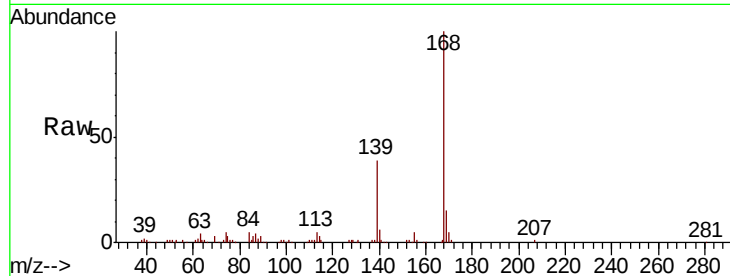
#54
Dibenzenofuran
Concen: 2.593 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Instrument :
BNA_N
ClientSampleId :
BFMM7

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7

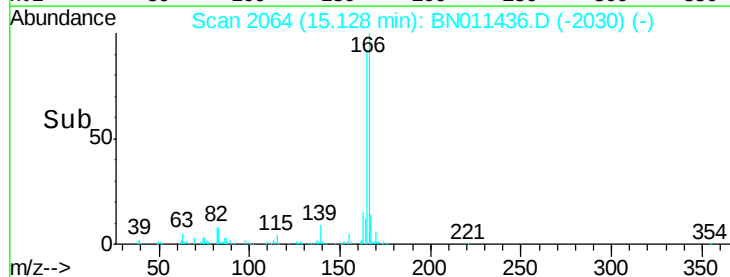
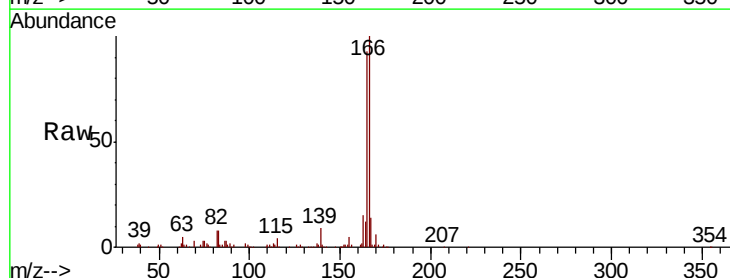
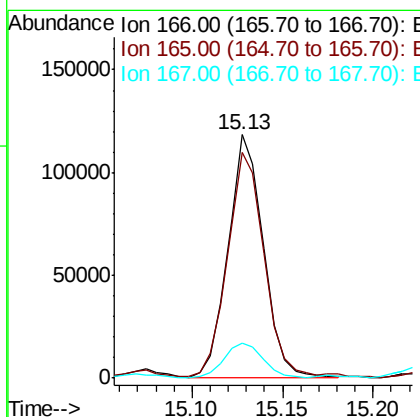
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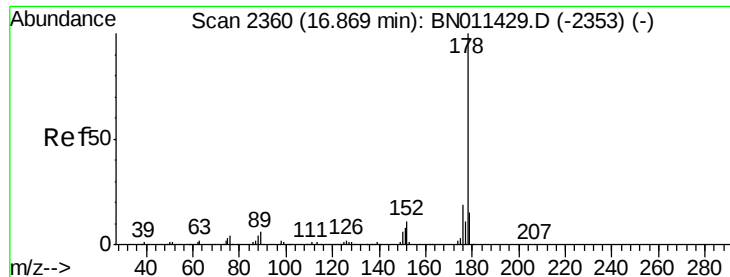
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#59
Fluorene
Concen: 3.621 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.6	78.0	117.0
167	14.4	11.9	17.9





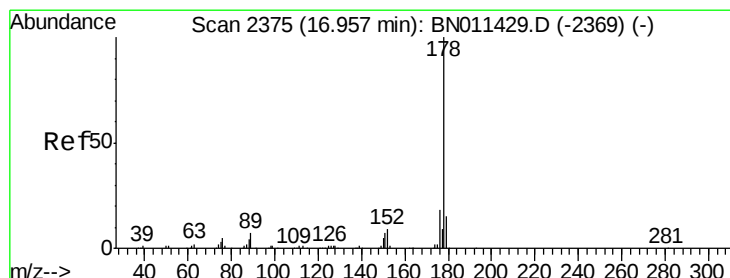
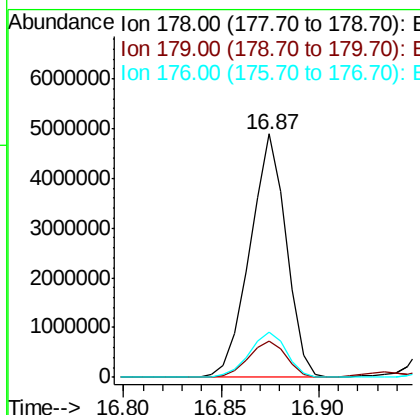
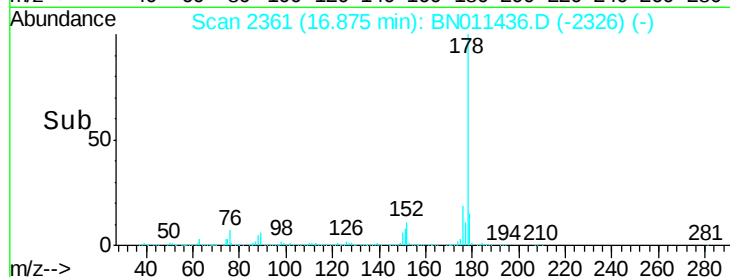
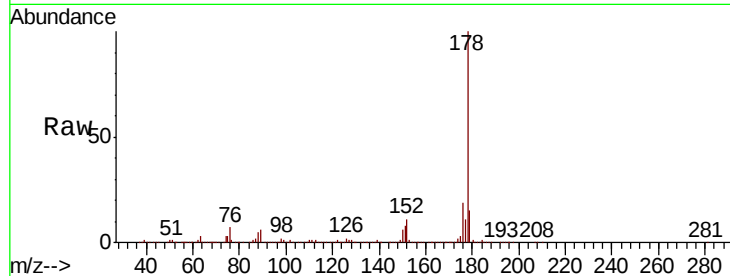
#70
Phenanthrene
Concen: 91.543 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Instrument :
BNA_N
ClientSampleId :
BFMM7

Tot Ion:178 Resp: 6293573
Ion Ratio Lower Upper
178 100
179 14.9 13.1 19.7
176 18.8 15.7 23.5

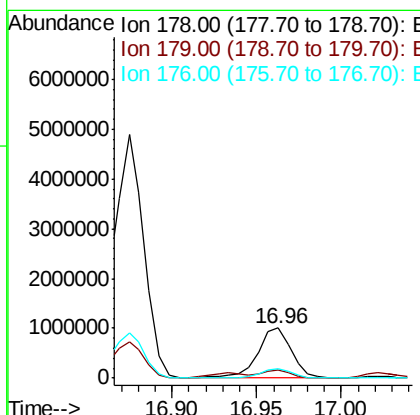
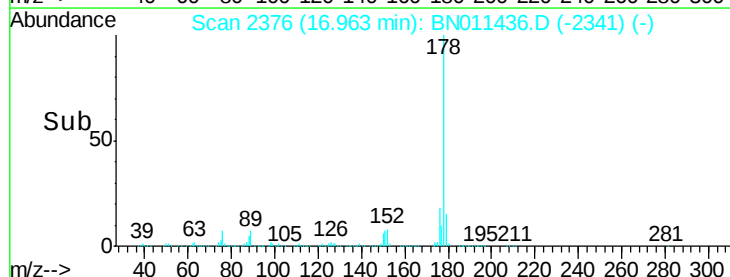
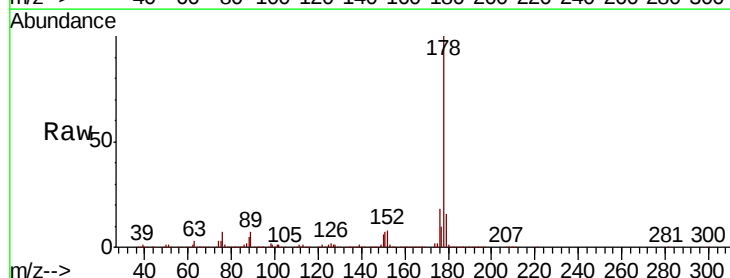
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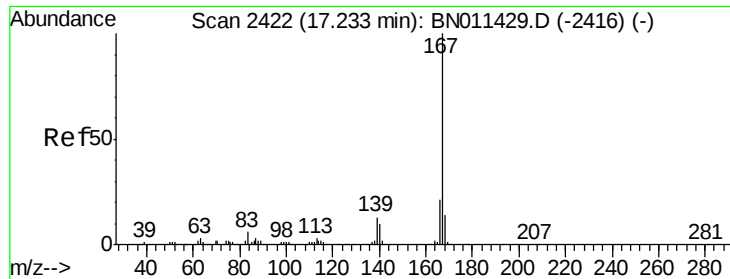
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#72
Anthracene
Concen: 20.082 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Tgt Ion:178 Resp: 1398352
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 17.9 14.6 21.8





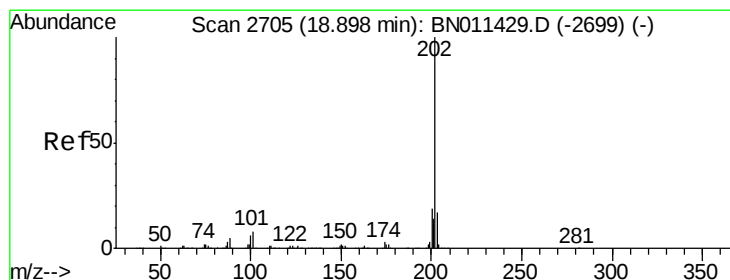
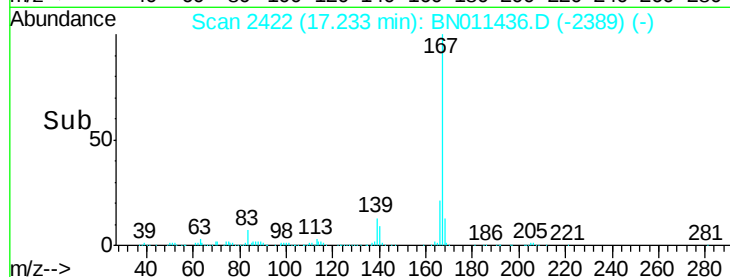
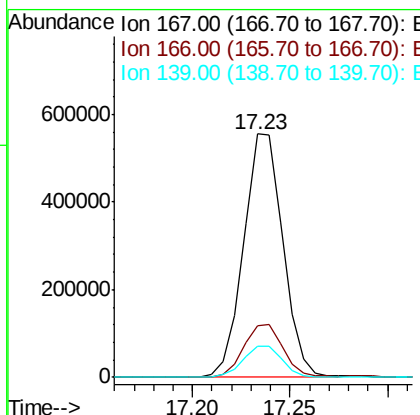
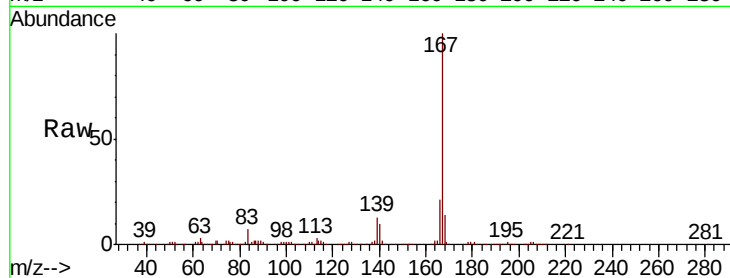
#75
 Carbazole
 Concen: 13.214 ng/ul
 RT: 17.23 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Instrument :
 BNA_N
 ClientSampleId :
 BFMM7

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.7	10.2	15.2

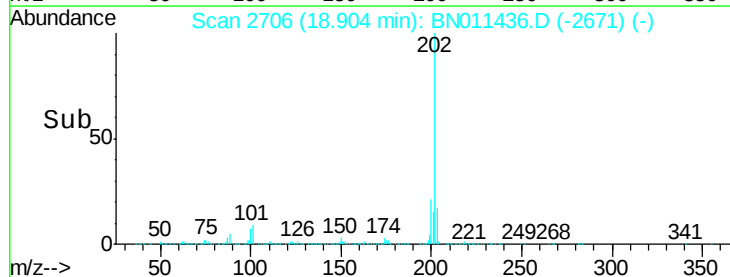
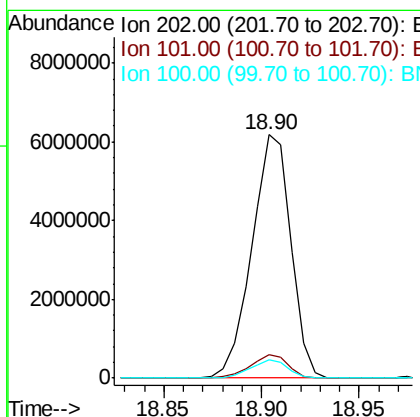
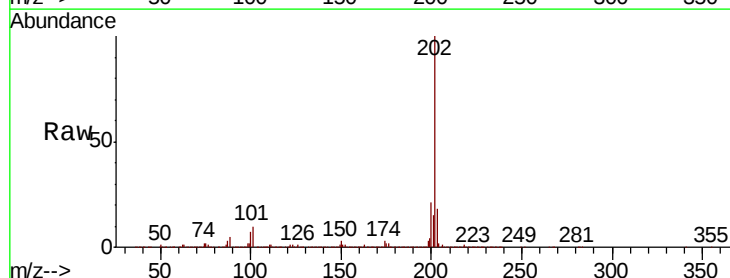
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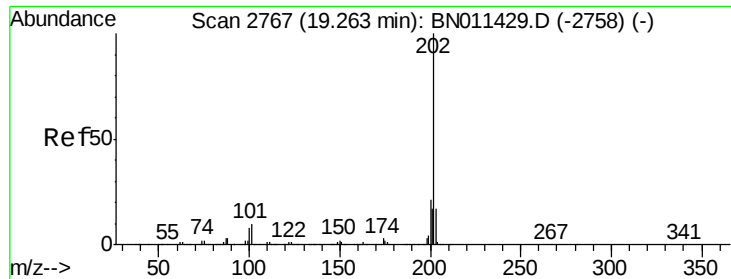
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#77
 Fluoranthene
 Concen: 101.564 ng/ul
 RT: 18.90 min Scan# 2706
 Delta R.T. 0.01 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.3	10.9
100	7.4	5.2	7.8





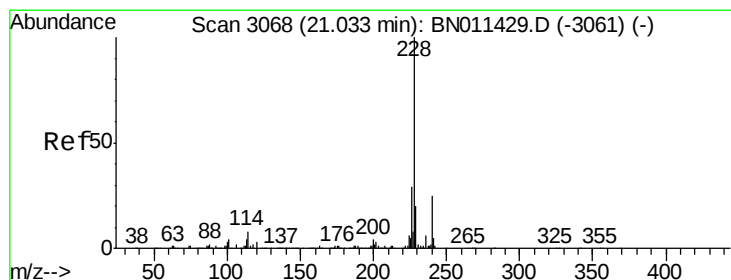
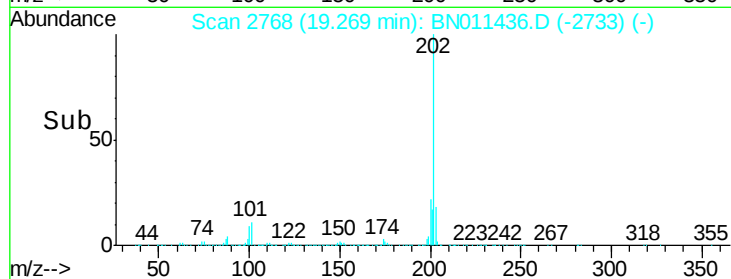
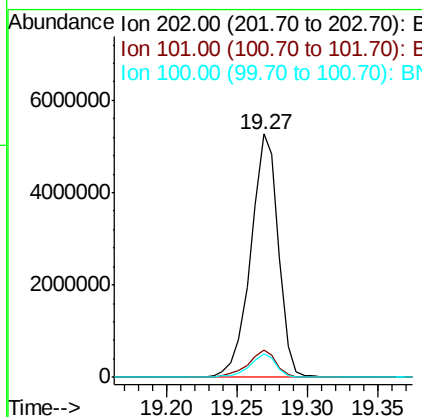
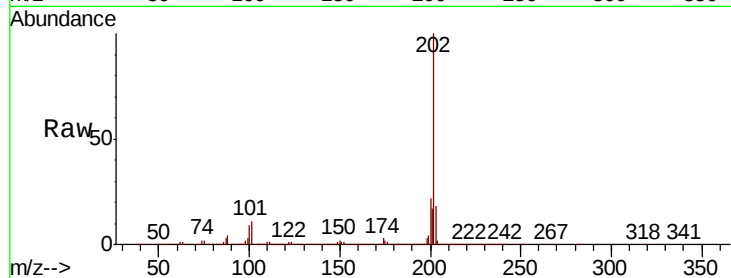
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Pvrene
Concen: 88.904 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Instrument :
BNA_N
ClientSampleId :
BFMM7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.8
100	9.4	6.5	9.7

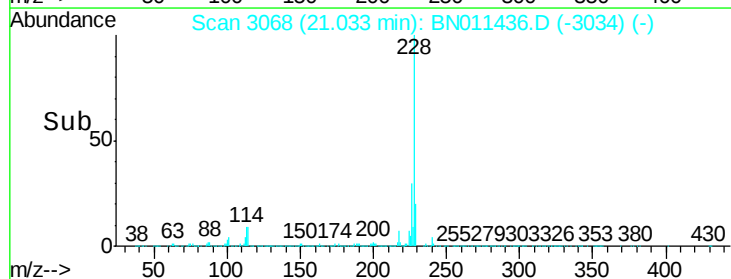
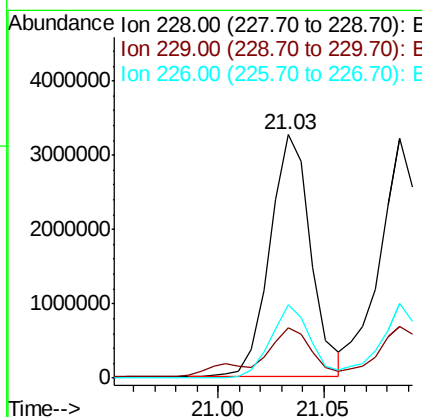
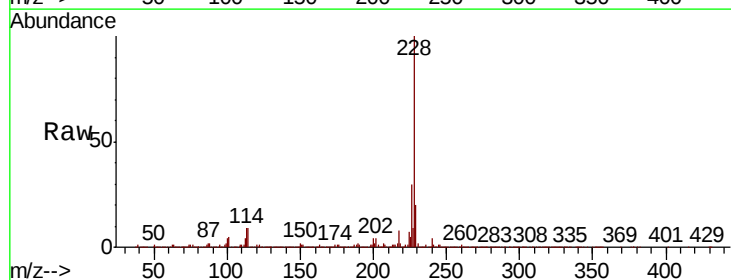
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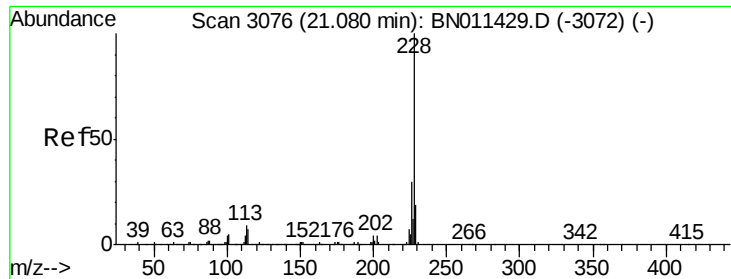
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#83
Benzo(a)anthracene
Concen: 57.122 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	30.0	21.5	32.3





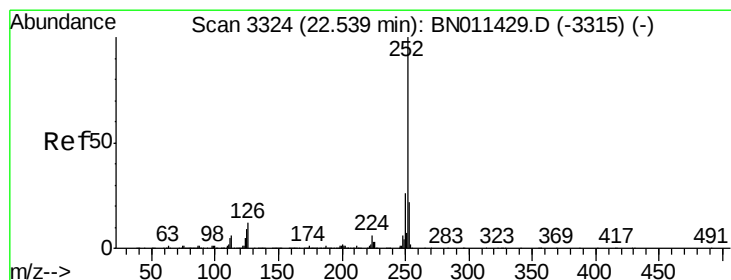
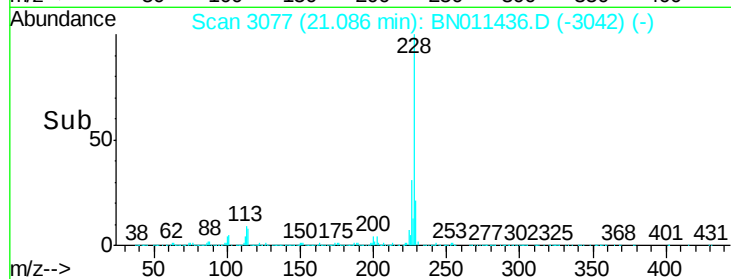
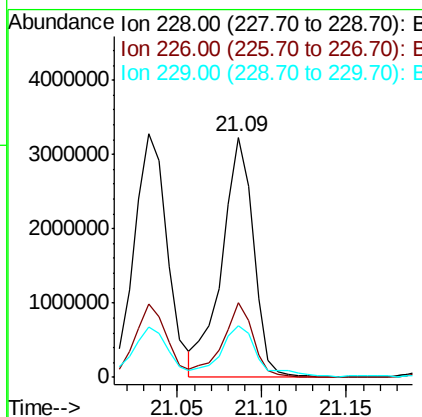
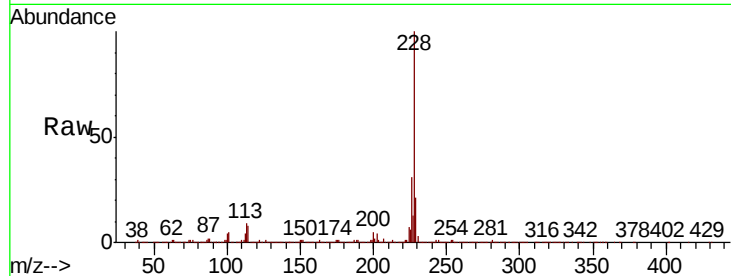
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 Chrvsene
 Concen: 54.805 ng/ul
 RT: 21.09 min Scan# 3077
 Delta R.T. 0.01 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Instrument :
 BNA_N
 ClientSampleId :
 BFMM7

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.5	35.3
229	21.3	15.0	22.6

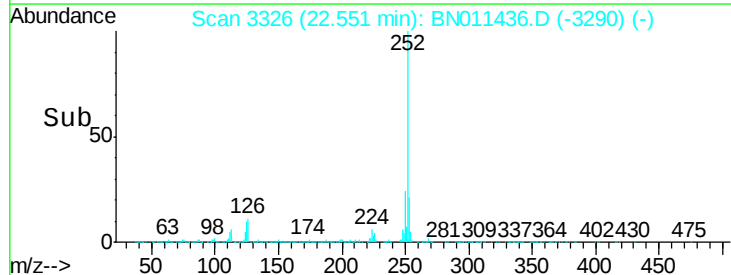
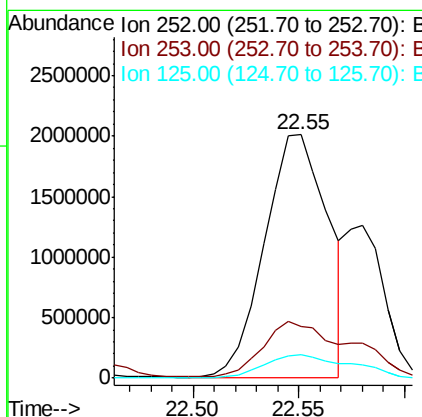
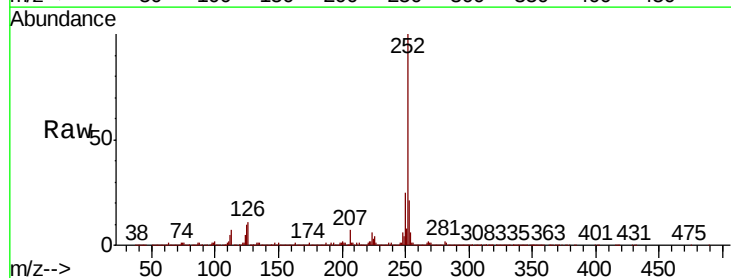
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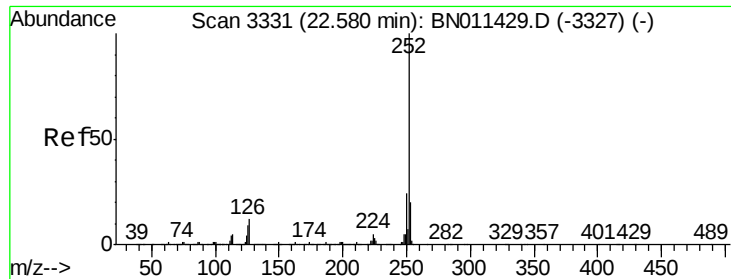
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 49.274 ng/ul
 RT: 22.55 min Scan# 3326
 Delta R.T. 0.01 min
 Lab File: BN011436.D
 Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.7	6.6	9.8





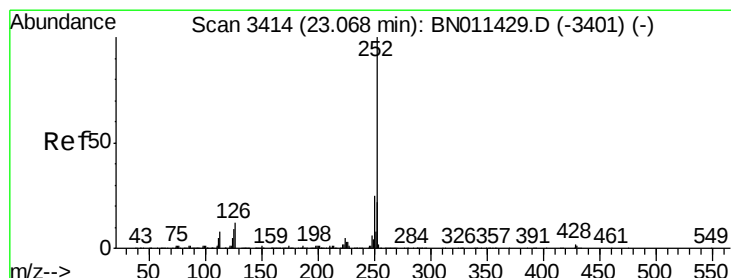
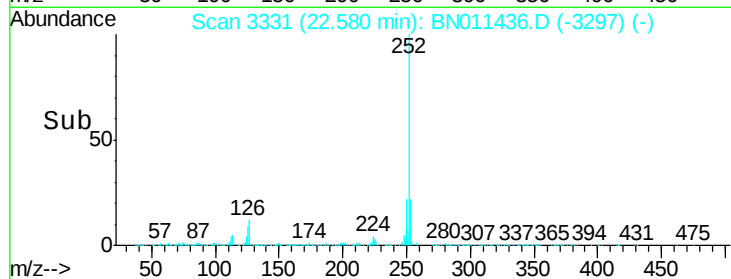
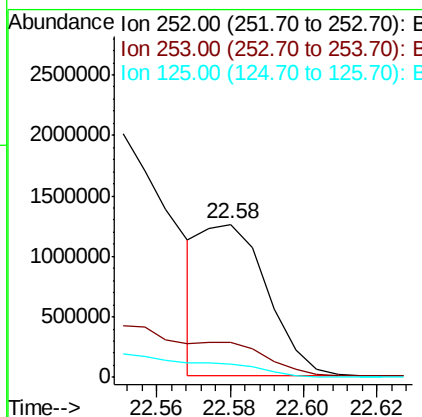
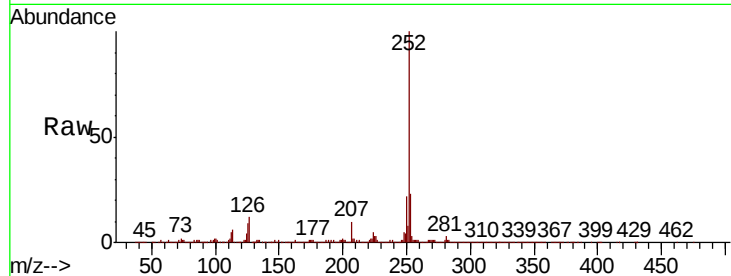
#89
Benzo(k)fluoranthene
Concen: 18.163 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Instrument :
BNA_N
ClientSampled :
BFMM7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	15.8	23.6
125	8.9	6.0	9.0

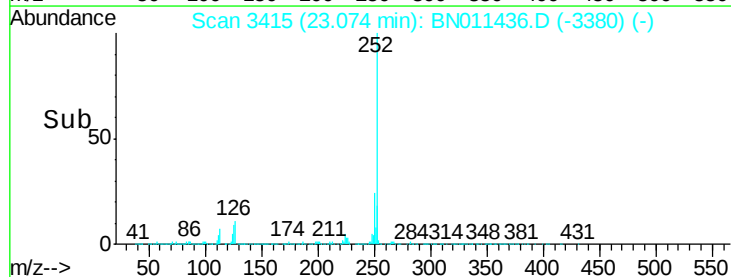
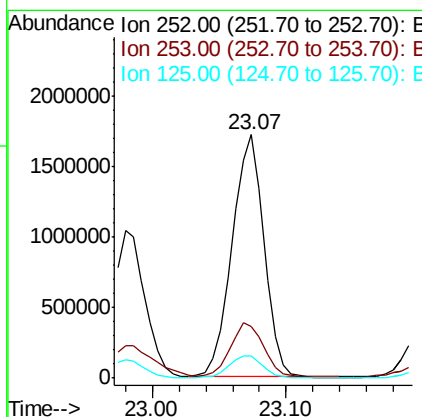
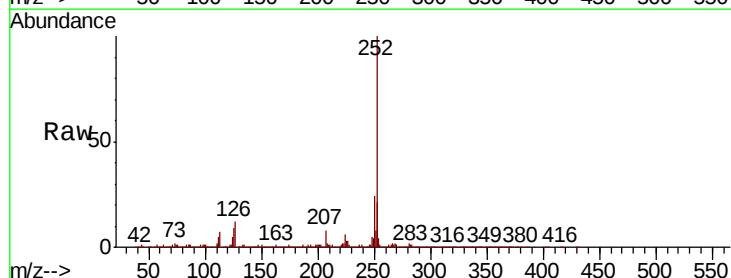
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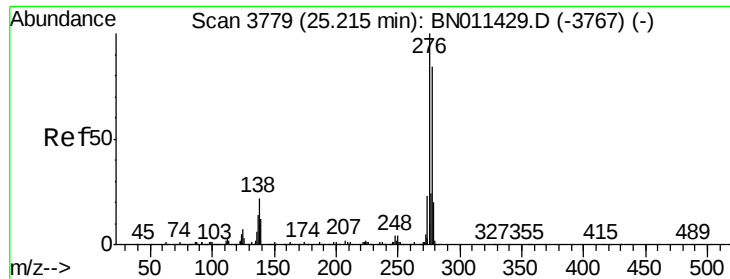
mohammad
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#91
Benzo(a)pyrene
Concen: 36.610 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	9.3	7.1	10.7





#92

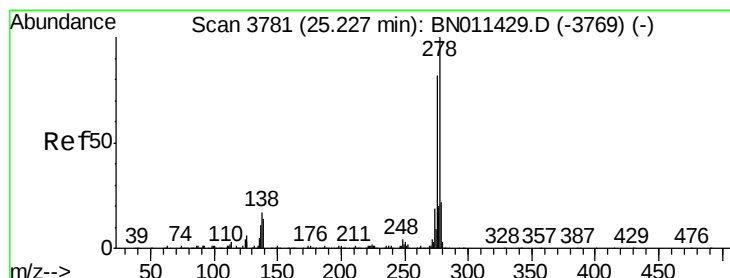
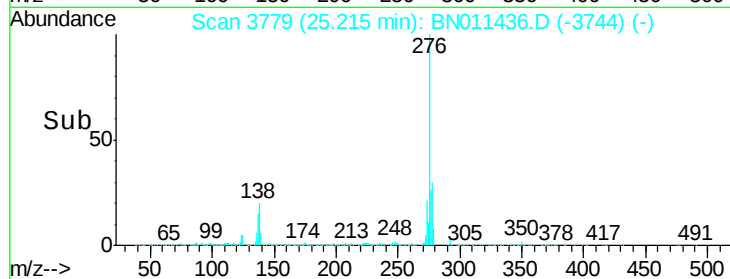
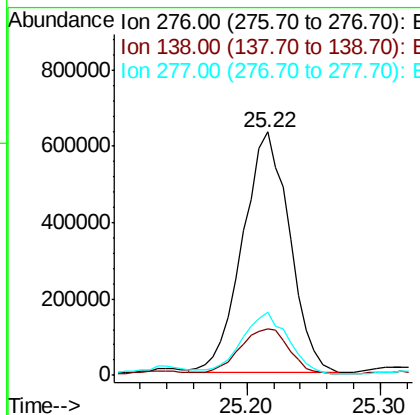
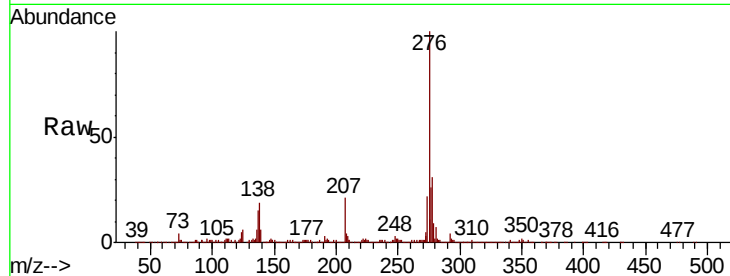
Indeno(1,2,3-cd)pyrene
Concen: 15.345 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. 0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Instrument :
BNA_N
ClientSampleId :
BFMM7

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.0	25.4
277	26.0	18.1	27.1

Manual Integrations
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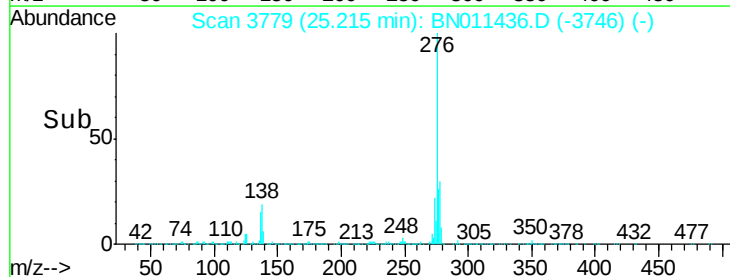
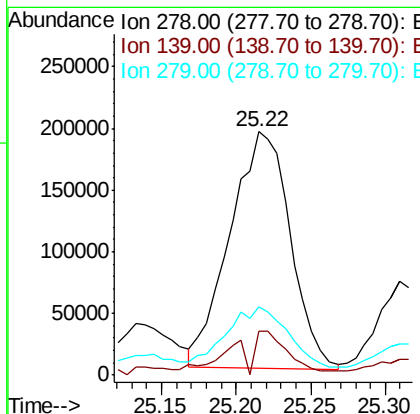
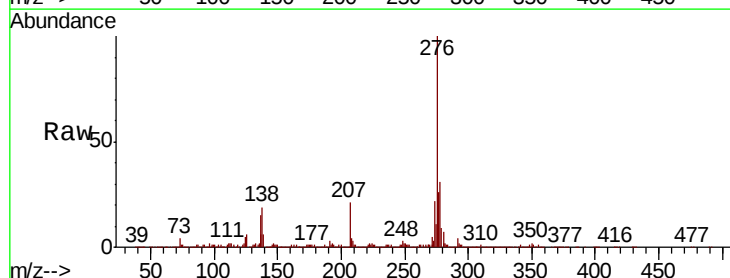
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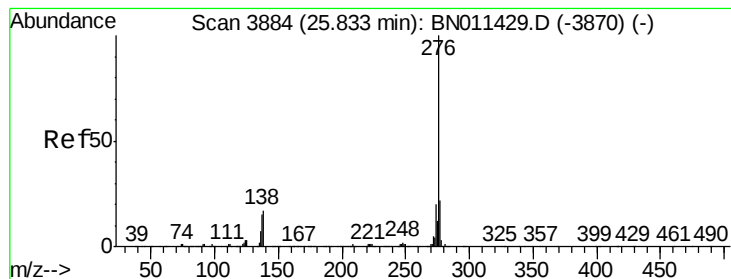


#93

Dibenzo(a,h)anthracene
Concen: 6.447 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN011436.D
Acq: 14 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.7	17.5#
279	27.9	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 13.457 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. 0.02 min

Lab File: BN011436.D

Acq: 14 Aug 2020 21:12

Instrument :

BNA_N

ClientSampleId :

BFMM7

Tot Ion: 276 Resp: 1115089

Ion Ratio Lower Upper

276 100

138 19.1 15.3 22.9

277 22.3 16.2 24.4

Manual Integrations

APPROVED

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