

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010434.D
 Acq On : 08 Apr 2020 15:44
 Operator : CG/JU
 Sample : L2155-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFA1

Manual Integrations
 APPROVED

mohammad
 4/9/2020 11:38:23 AM

Quant Time: Apr 08 16:22:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 08 13:35:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	478631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2085041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1388257	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3136979	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3466046	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3766092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	48727	4.81	ng/uL	0.00
5) Phenol-d5	6.79	99	1066749	26.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	596415	28.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	912410	28.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	863757	25.61	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	461810	29.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	495415	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	980138	28.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	854797	21.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3163721	30.20	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3759526	30.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	372323	18.92	ng/ul	0.00
58) Fluorene-d10	15.23	176	2861343	31.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	288396	16.06	ng/ul	0.00
71) Anthracene-d10	17.07	188	4478017	31.09	ng/ul	0.00
79) Pyrene-d10	19.38	212	5212523	29.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	5683109	30.33	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.41	128	218987	1.952	ng/ul	97
45) Dimethylphthalate	13.69	163	797305	7.371	ng/ul	99
70) Phenanthrene	17.02	178	1656035	9.527	ng/ul	99
72) Anthracene	17.11	178	284217	1.635	ng/ul	98
75) Carbazole	17.37	167	188552	1.304	ng/ul	97
77) Fluoranthene	19.05	202	4788072	25.865	ng/ul	100
80) Pyrene	19.41	202	4499469	19.414	ng/ul	96
83) Benzo(a)anthracene	21.17	228	5551298	23.839	ng/ul	98
85) Chrysene	21.22	228	6905833	31.098	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	16590816	72.748	ng/ul	94
89) Benzo(k)fluoranthene	22.76	252	4667410m	21.068	ng/ul	
91) Benzo(a)pyrene	23.27	252	9421205	44.124	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.52	276	9276276	33.666	ng/ul	98
93) Dibenzo(a,h)anthracene	25.52	278	3102792	13.633	ng/ul	95
94) Benzo(g,h,i)perylene	26.18	276	7111994	30.633	ng/ul	98

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

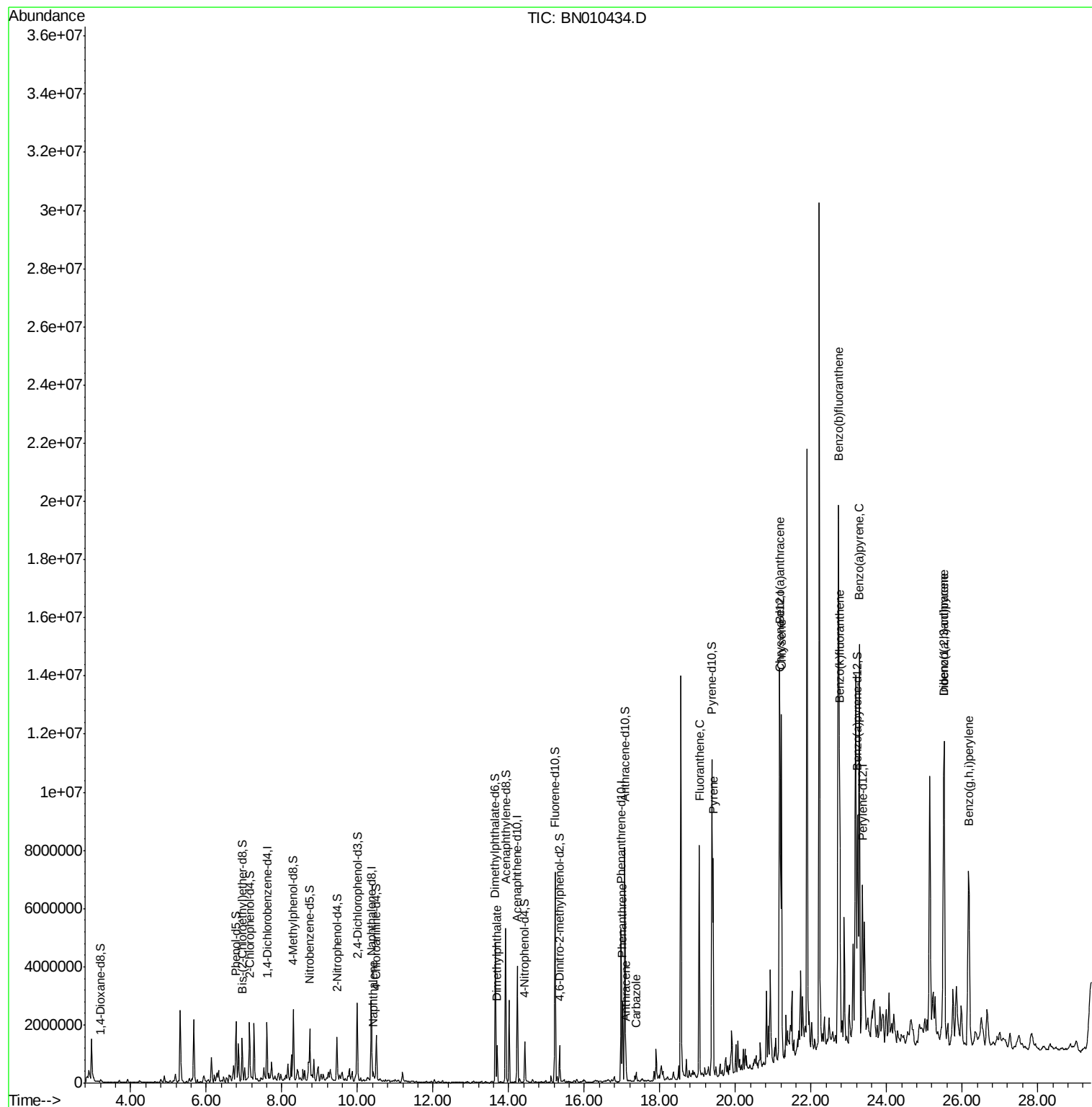
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010434.D
Acq On : 08 Apr 2020 15:44
Operator : CG/JU
Sample : L2155-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

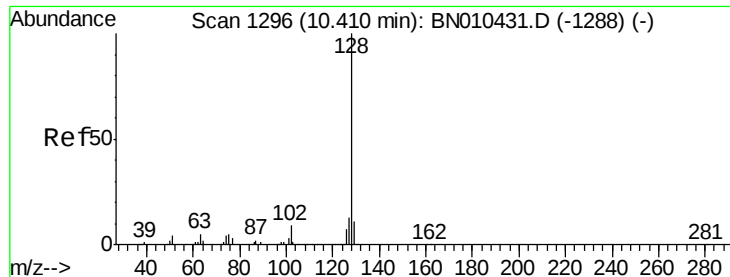
Instrument :
BNA_N
ClientSampleId :
DBFA1

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Quant Time: Apr 08 16:22:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.952 ng/ul

RT: 10.41 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BN010434.D

Acq: 08 Apr 2020 15:44

Instrument :

BNA_N

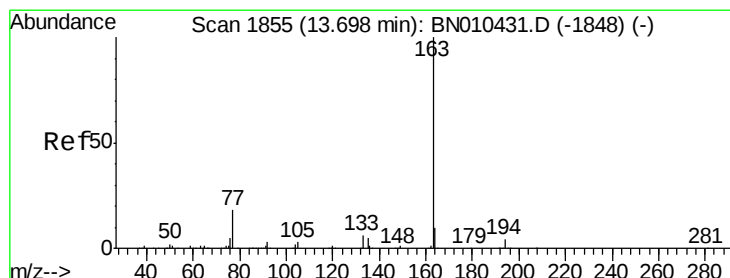
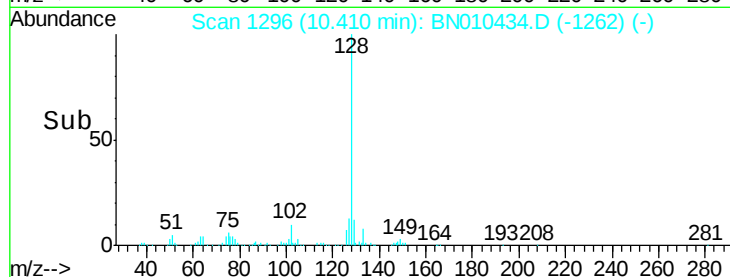
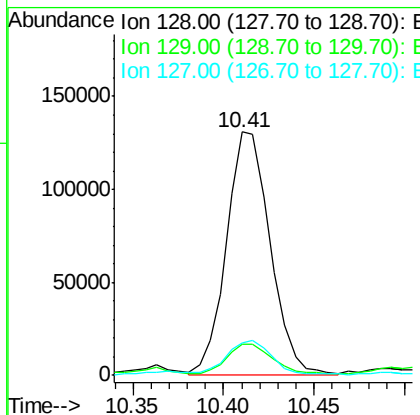
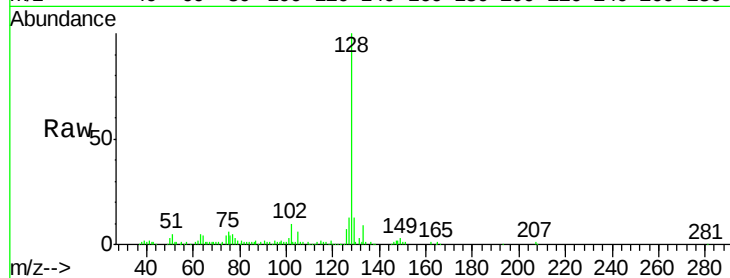
ClientSampleId :

DBFA1

Tot Ion:	128	Resp:	218987
Ion Ratio	Lower	Upper	
128	100		
129	12.9	8.6	13.0
127	13.1	10.8	16.2

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#45

Dimethylphthalate

Concen: 7.371 ng/ul

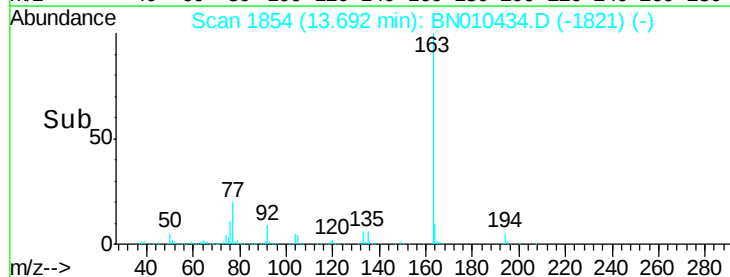
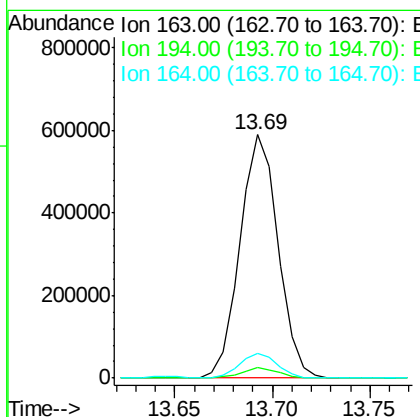
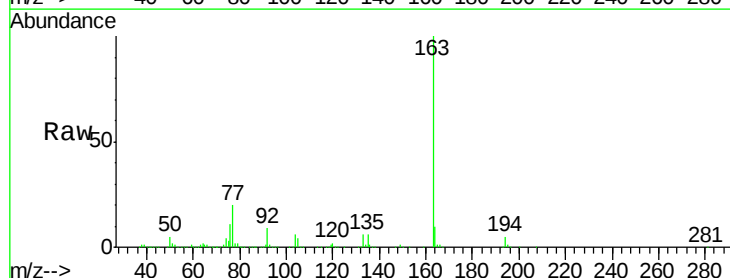
RT: 13.69 min Scan# 1854

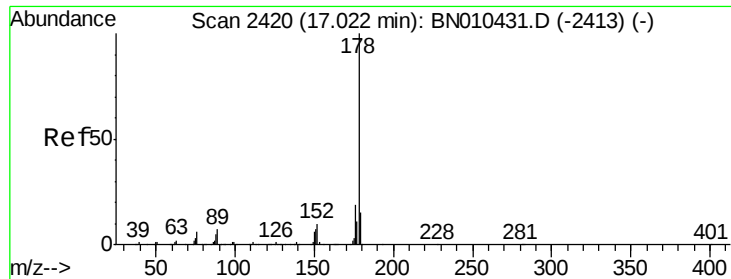
Delta R.T. -0.01 min

Lab File: BN010434.D

Acq: 08 Apr 2020 15:44

Tgt Ion:	163	Resp:	797305
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.3	8.0	12.0





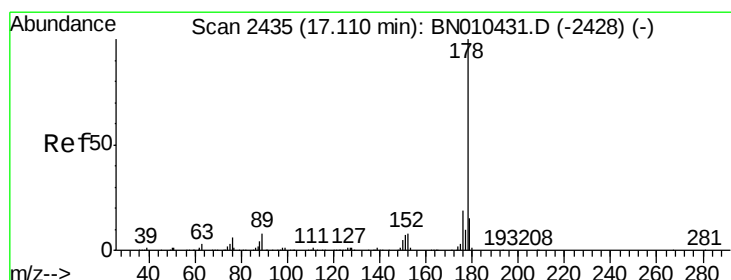
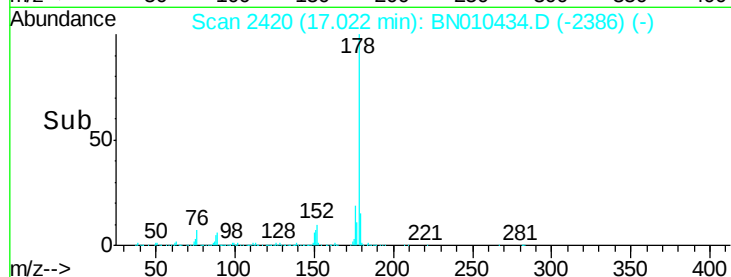
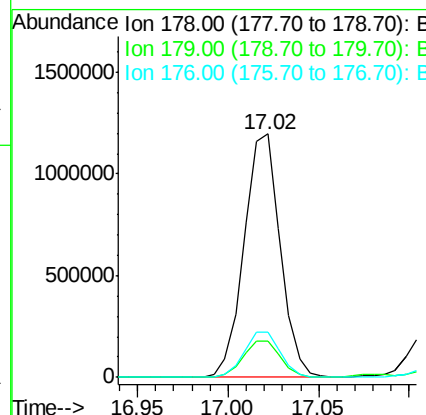
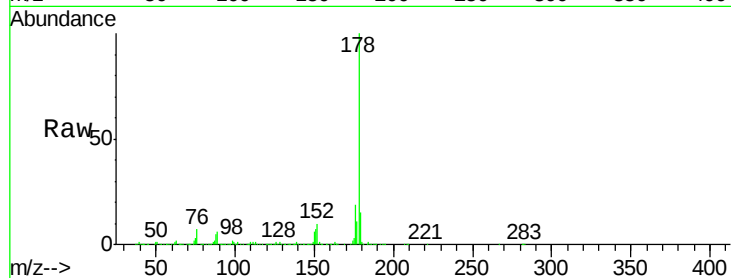
#70
Phenanthrene
Concen: 9.527 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Instrument :
BNA_N
ClientSampleId :
DBFA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.9	17.9
176	18.5	15.4	23.2

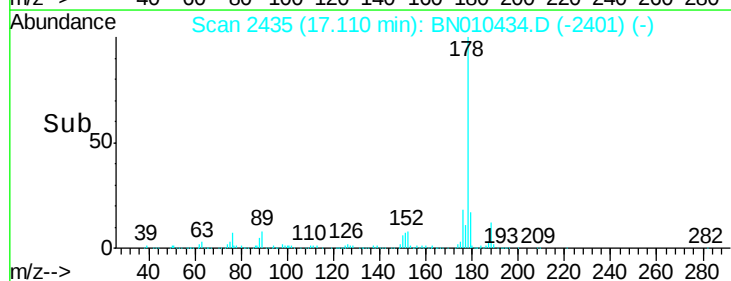
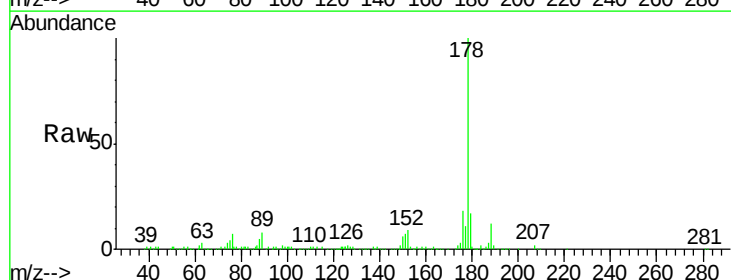
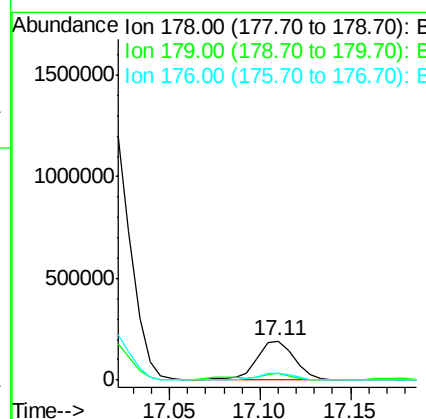
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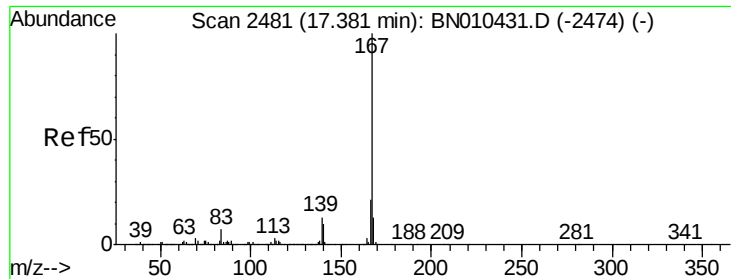
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#72
Anthracene
Concen: 1.635 ng/ul
RT: 17.11 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	18.2	15.2	22.8





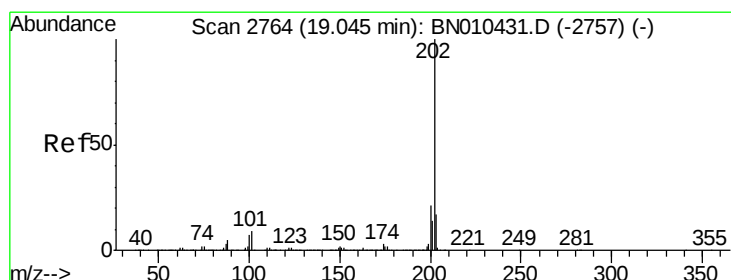
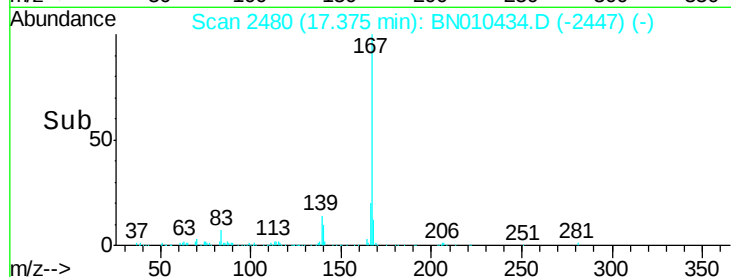
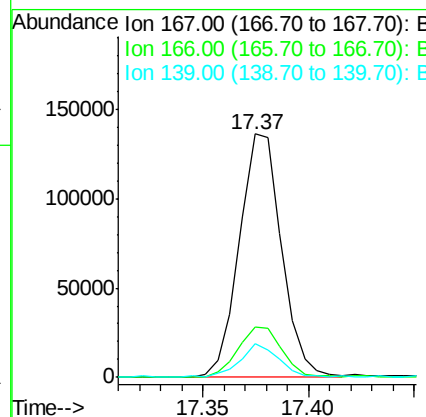
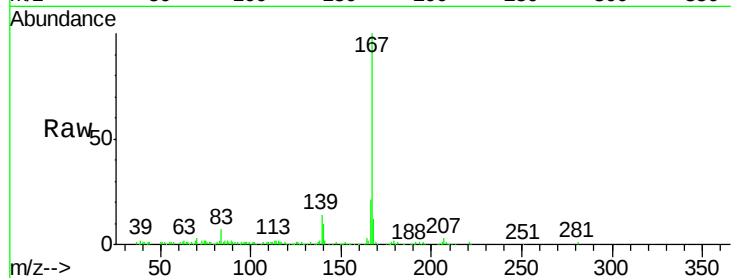
#75
 Carbazole
 Concen: 1.304 ng/ul
 RT: 17.37 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BN010434.D
 Acq: 08 Apr 2020 15:44

Instrument :
 BNA_N
 ClientSampleId :
 DBFA1

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.3	25.9
139	13.8	10.0	15.0

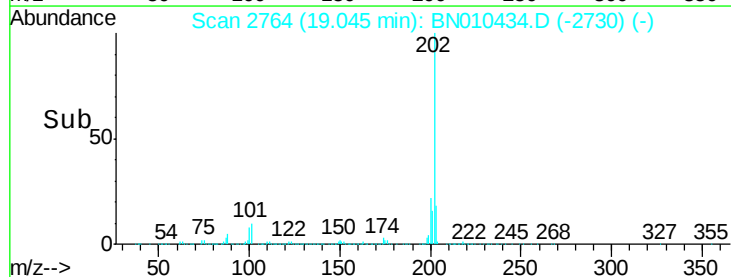
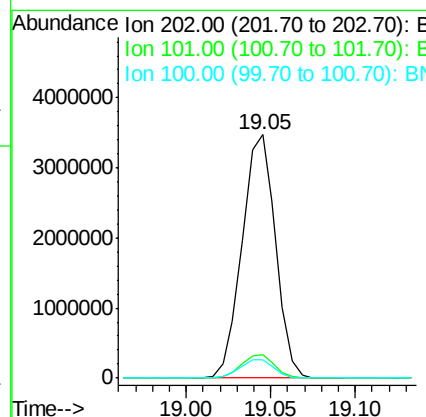
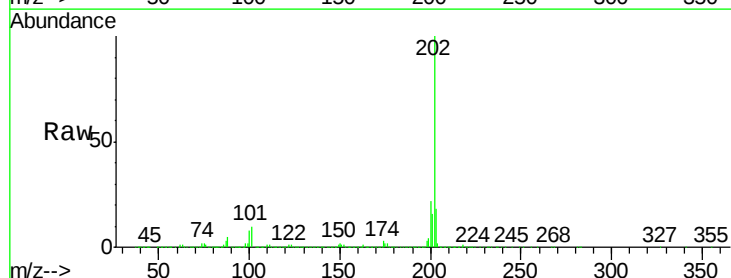
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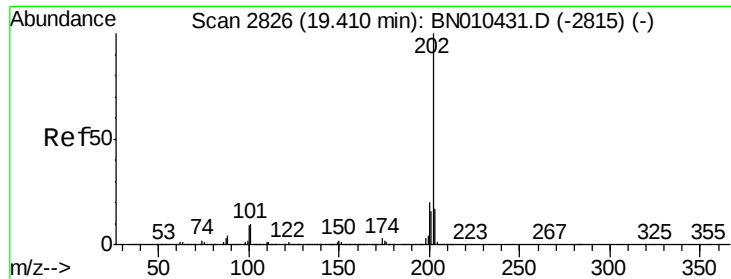
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#77
 Fluoranthene
 Concen: 25.865 ng/ul
 RT: 19.05 min Scan# 2764
 Delta R.T. -0.00 min
 Lab File: BN010434.D
 Acq: 08 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	7.8	6.2	9.4





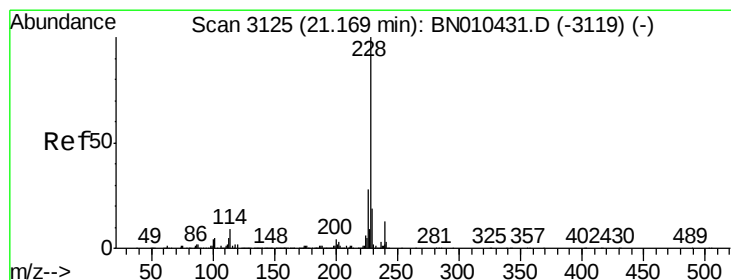
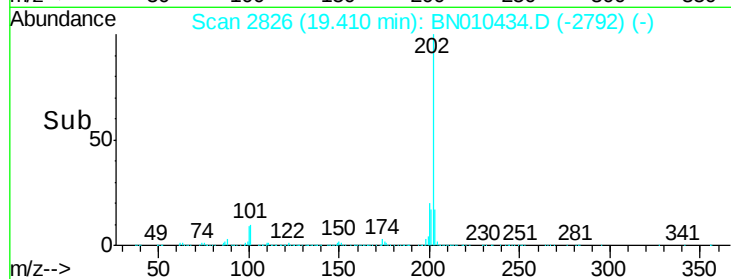
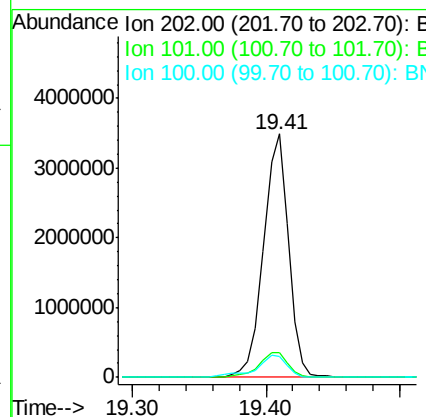
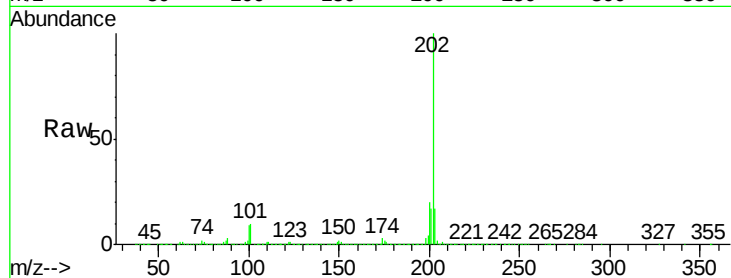
#80
Pvrene
Concen: 19.414 ng/ul
RT: 19.41 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Instrument :
BNA_N
ClientSampleId :
DBFA1

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.6	14.4
100	8.6	8.1	12.1

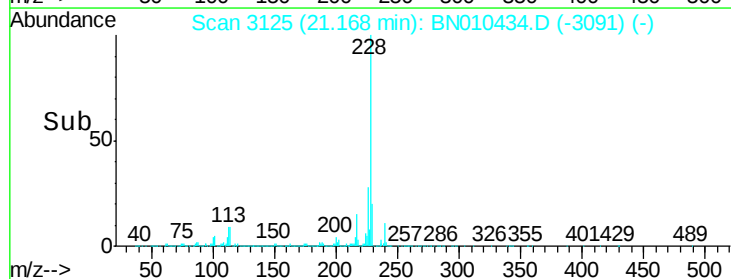
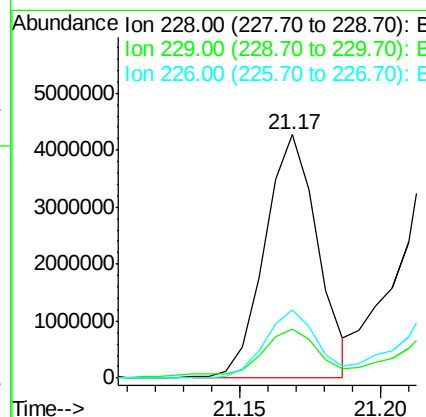
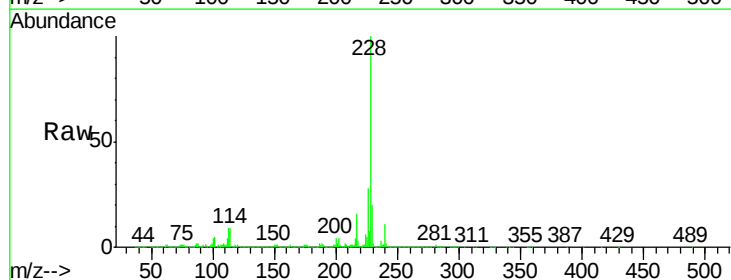
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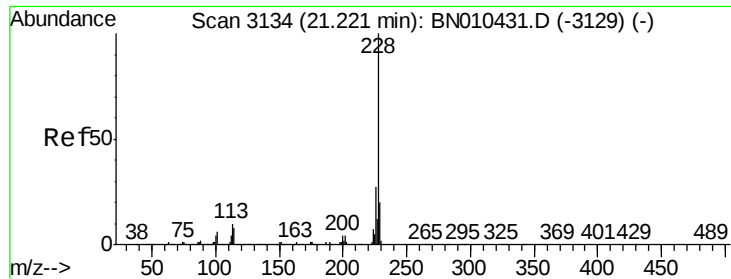
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#83
Benzo(a)anthracene
Concen: 23.839 ng/ul
RT: 21.17 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.8	21.0	31.6





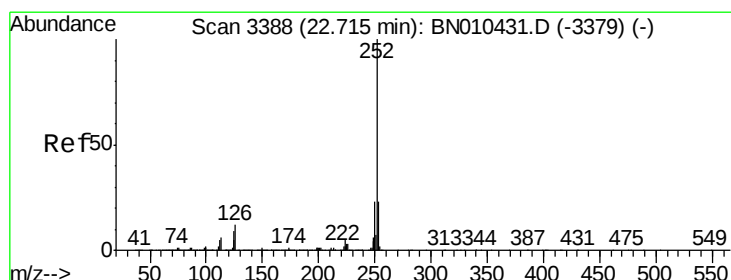
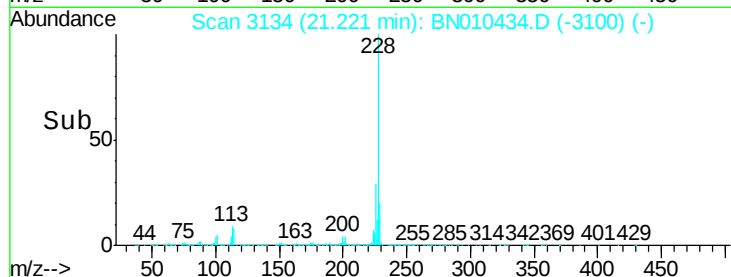
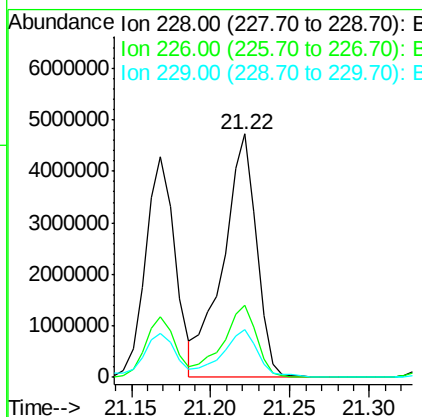
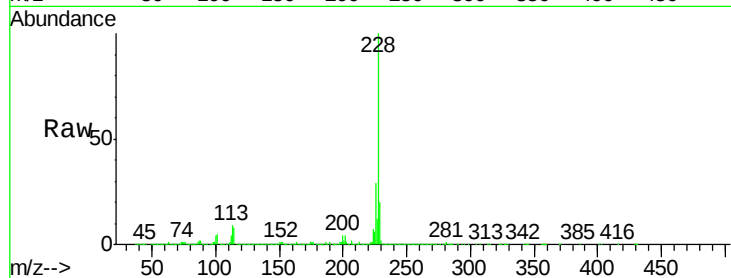
#85
Chrysene
Concen: 31.098 ng/ul
RT: 21.22 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Instrument :
BNA_N
ClientSampleId :
DBFA1

Tot Ion:228 Resp: 6905833
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.6
229 19.8 15.7 23.5

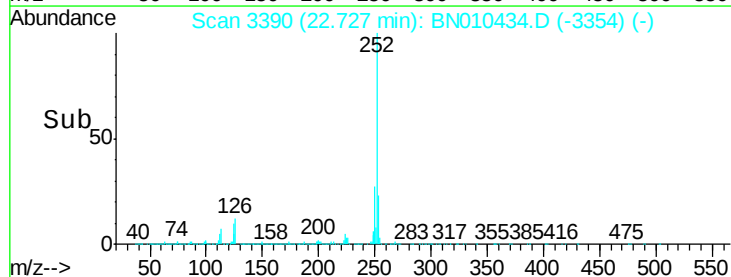
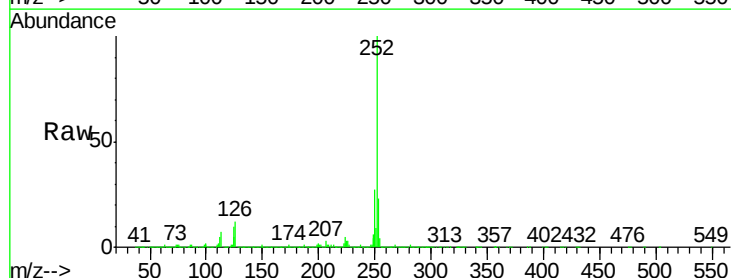
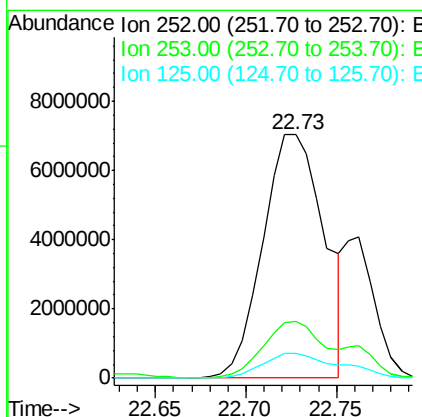
Manual Integrations
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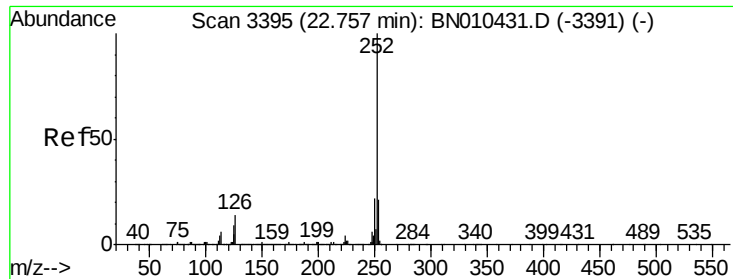
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#88
Benzo(b)fluoranthene
Concen: 72.748 ng/ul
RT: 22.73 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Tgt Ion:252 Resp:16590816
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 10.4 7.4 11.0





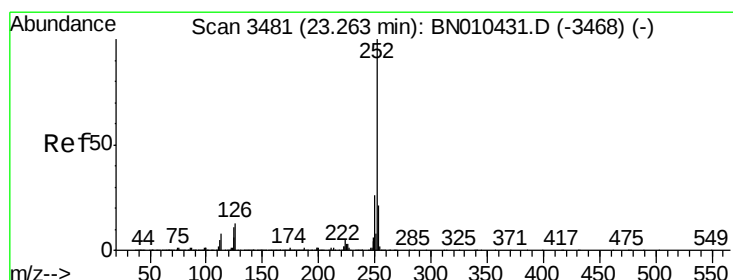
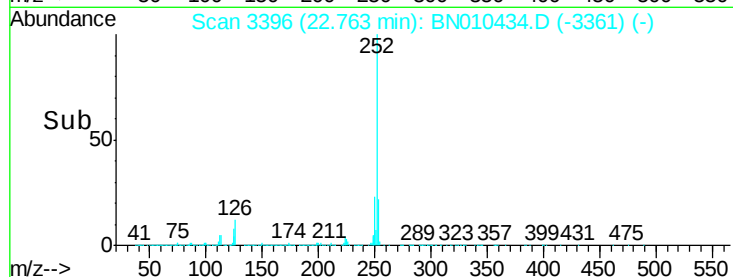
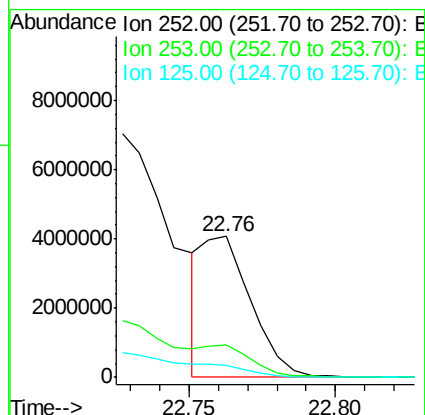
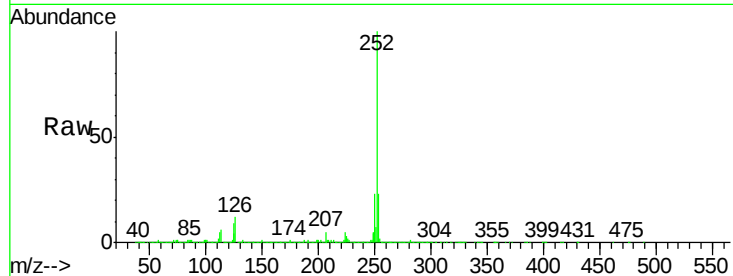
#89
Benzo(k)fluoranthene
Concen: 21.068 ng/ul m
RT: 22.76 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Instrument :
BNA_N
ClientSampleId :
DBFA1

Tot Ion:252 Resp: 4667410
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 8.5 8.1 12.1

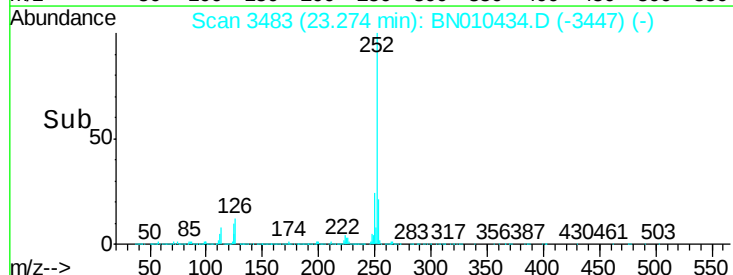
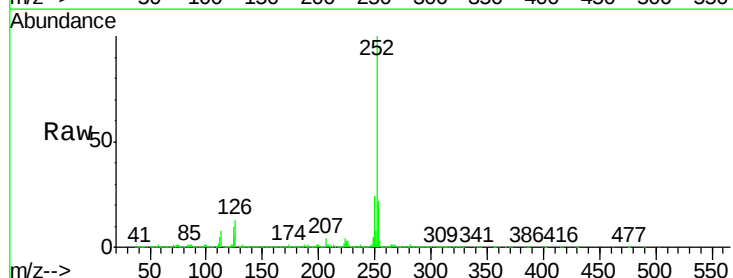
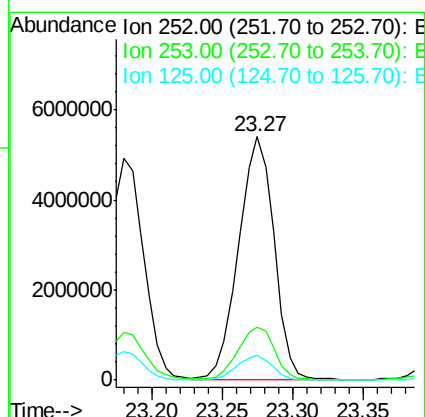
Manual Integrations
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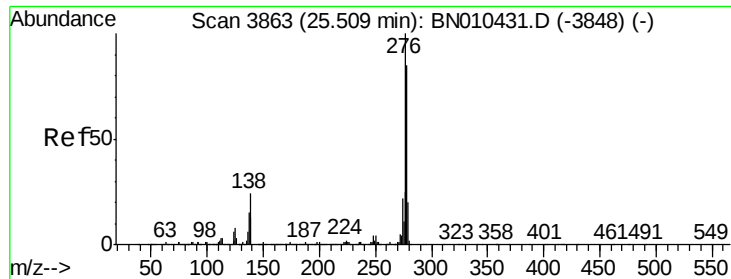
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#91
Benzo(a)pyrene
Concen: 44.124 ng/ul
RT: 23.27 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Tgt Ion:252 Resp: 9421205
Ion Ratio Lower Upper
252 100
253 21.8 18.6 27.8
125 10.0 8.9 13.3





#92

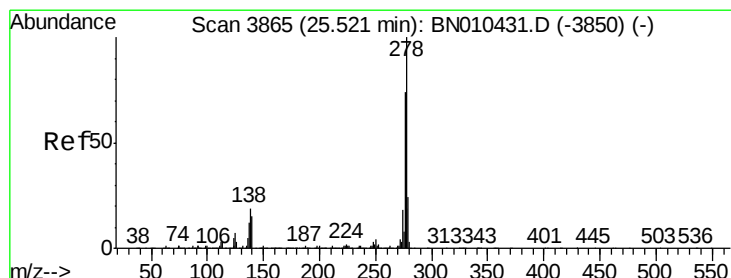
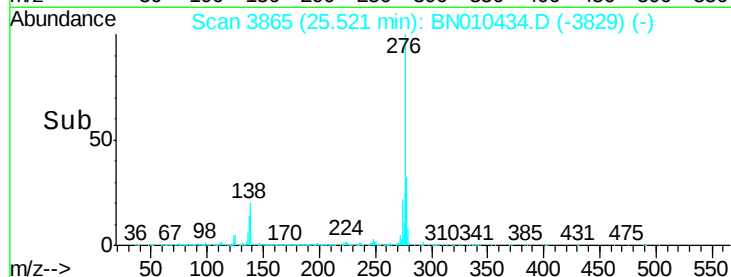
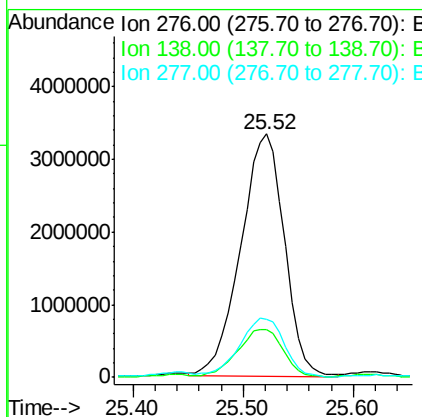
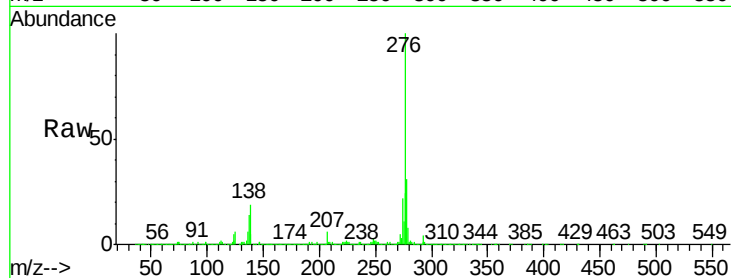
Indeno(1,2,3-cd)pyrene
Concen: 33.666 ng/ul
RT: 25.52 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Instrument :
BNA_N
ClientSampleId :
DBFA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	23.9	20.6	30.8

Manual Integrations
APPROVED

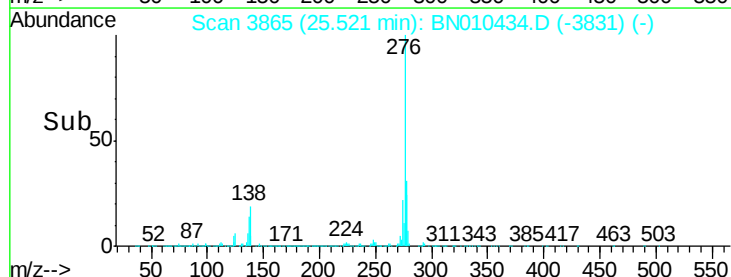
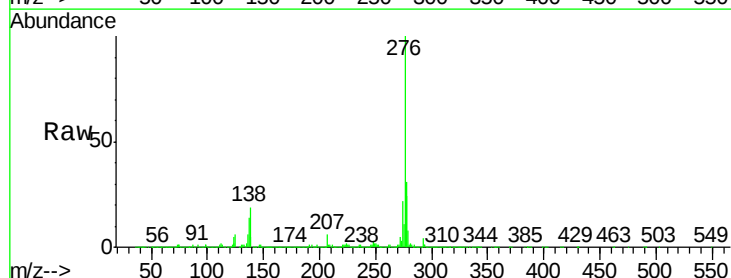
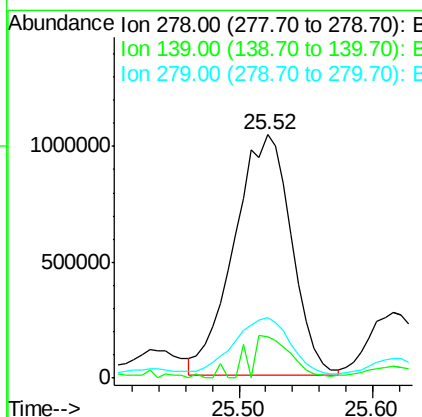
mohammad
4/9/2020 11:38:23 AM

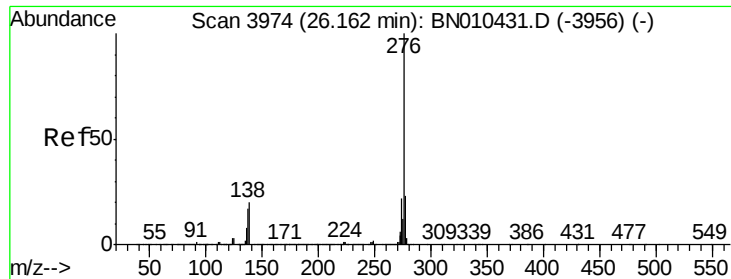


#93

Dibenzo(a,h)anthracene
Concen: 13.633 ng/ul
RT: 25.52 min Scan# 3865
Delta R.T. -0.00 min
Lab File: BN010434.D
Acq: 08 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.0	18.0
279	24.8	18.2	27.2





#94

Benzo(a,h,i)perylene

Concen: 30.633 ng/ul

RT: 26.18 min Scan# 3977

Delta R.T. 0.02 min

Lab File: BN010434.D

Acq: 08 Apr 2020 15:44

Instrument :

BNA_N

ClientSampleId :

DBFA1

Tot Ion:276 Resp: 7111994

Ion Ratio Lower Upper

276 100

138 19.1 16.8 25.2

277 23.0 18.4 27.6

Manual Integrations

APPROVED

mohammad

4/9/2020 11:38:23 AM

