

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010438.D
 Acq On : 08 Apr 2020 19:56
 Operator : CG/JU
 Sample : L2155-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFA9

Manual Integrations
 APPROVED

mohammad
 4/9/2020 11:38:34 AM

Quant Time: Apr 09 06:36:31 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	7.61	152	630597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2636351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1685646	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	3692962	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	2909586	20.00	ng/ul	0.01
86) Perylene-d12	23.40	264	2726897	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	57627	4.32	ng/uL	0.00
5) Phenol-d5	6.80	99	1385458	26.34	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	783898	28.44	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	1296987	31.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1078281	24.26	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	681157	34.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	749120	36.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1404252	32.68	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	843464	16.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	4468122	35.13	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	5585815	37.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	430494	18.02	ng/ul	0.01
58) Fluorene-d10	15.24	176	4119036	37.16	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.36	200	218728	10.34	ng/ul	0.01
71) Anthracene-d10	17.09	188	6126104	36.13	ng/ul	0.01
79) Pyrene-d10	19.39	212	6374005	42.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.26	264	5150087	37.96	ng/ul	0.04

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	227019	1.601	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	302685	2.938	ng/ul	97
45) Dimethylphthalate	13.70	163	1097178	8.354	ng/ul	99
70) Phenanthrene	17.03	178	2277682	11.131	ng/ul	100
72) Anthracene	17.12	178	331092	1.618	ng/ul	98
75) Carbazole	17.39	167	177980	1.046	ng/ul	96
77) Fluoranthene	19.05	202	1537920	7.057	ng/ul	99
80) Pyrene	19.42	202	1449695	7.451	ng/ul	96
83) Benzo(a)anthracene	21.18	228	590467	3.021	ng/ul#	84
85) Chrysene	21.23	228	804860	4.318	ng/ul#	88
88) Benzo(b)fluoranthene	22.74	252	828106	5.015	ng/ul#	57
89) Benzo(k)fluoranthene	22.78	252	255458m	1.593	ng/ul	
91) Benzo(a)pyrene	23.30	252	519328	3.359	ng/ul#	64
92) Indeno(1,2,3-cd)pyrene	25.57	276	422300	2.117	ng/ul#	89
94) Benzo(g,h,i)perylene	26.22	276	431132m	2.565	ng/ul	

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

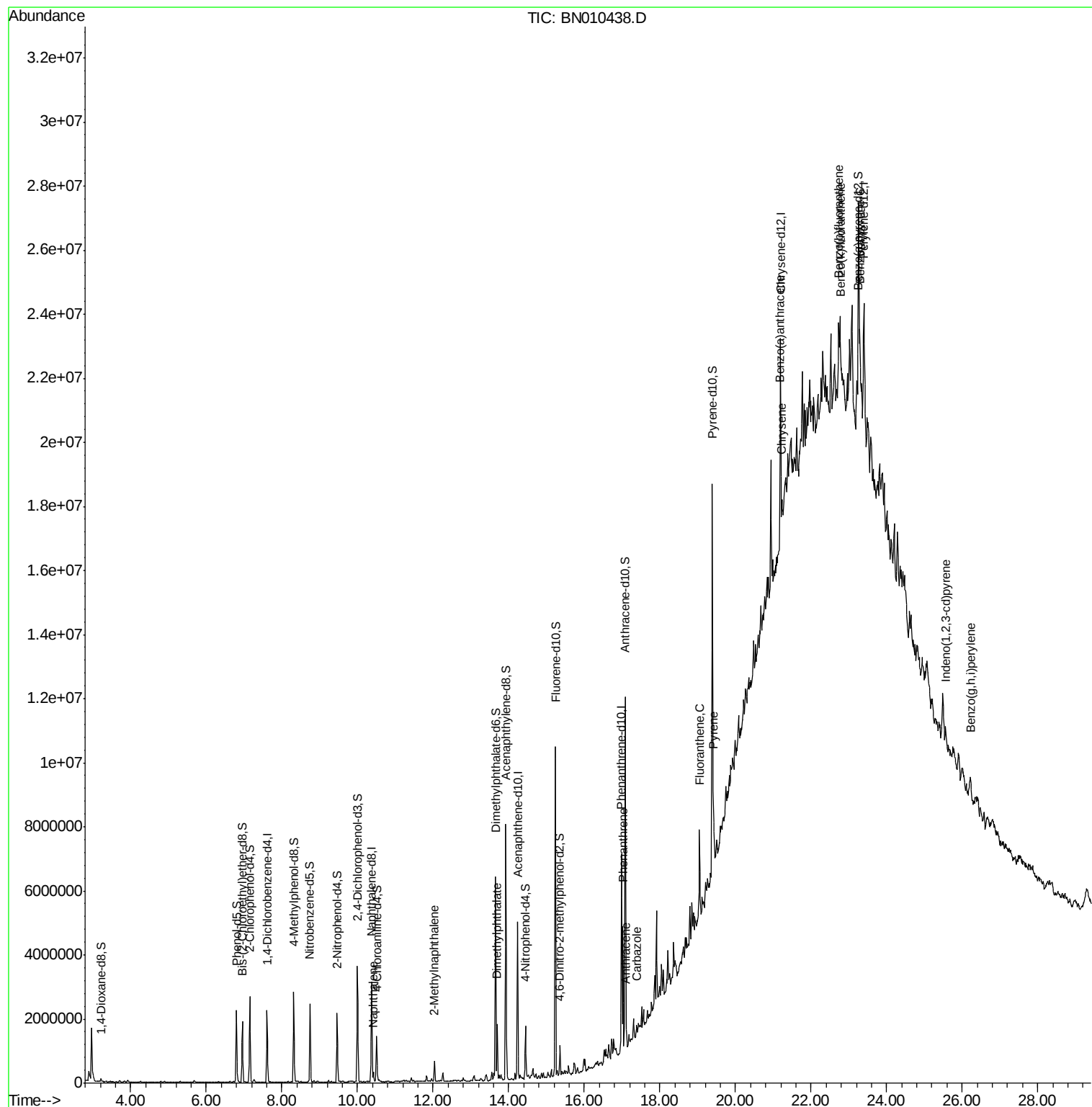
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010438.D
Acq On : 08 Apr 2020 19:56
Operator : CG/JU
Sample : L2155-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

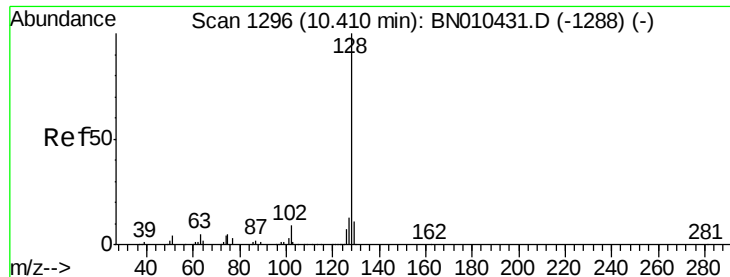
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
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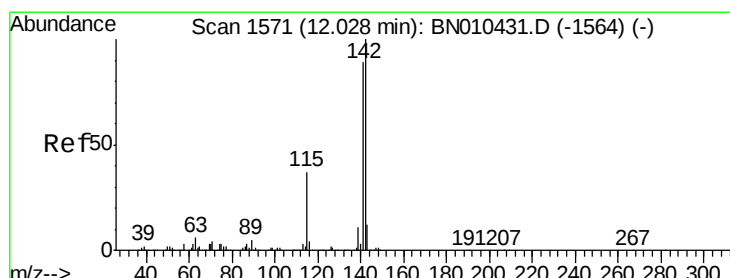
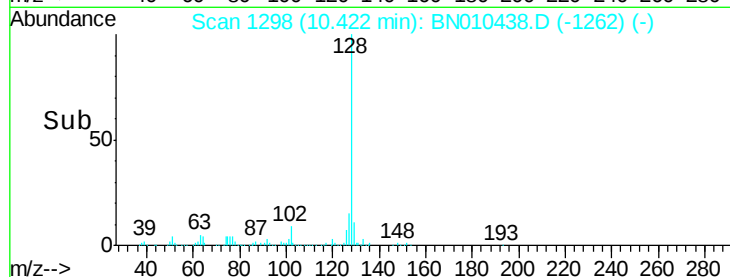
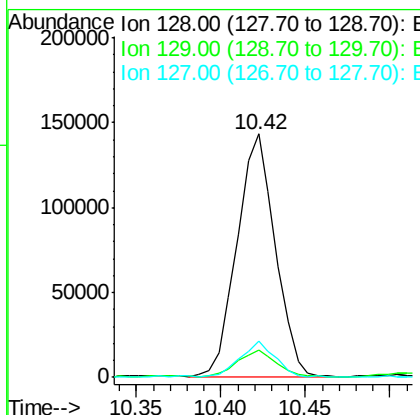
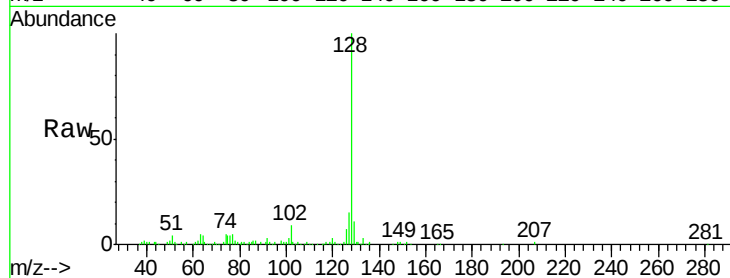
#28
Naphthalene
Concen: 1.601 ng/ul
RT: 10.42 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Instrument :
BNA_N
ClientSampleId :
DBFA9

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.6	13.0	
127	14.7	10.8	16.2	

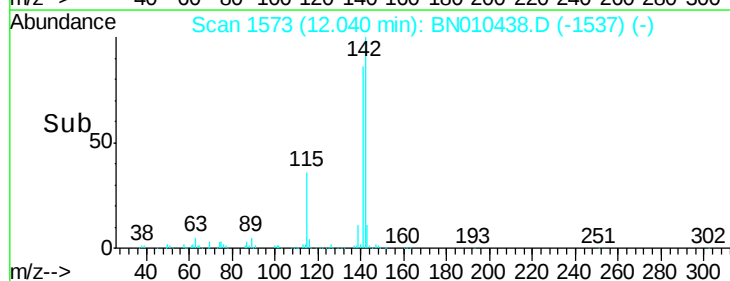
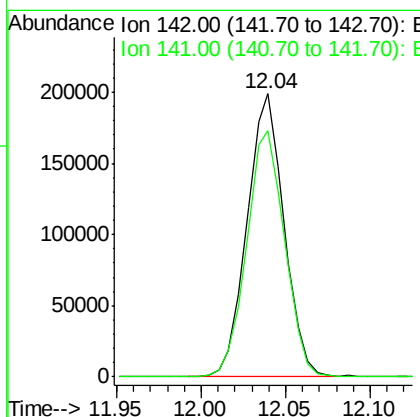
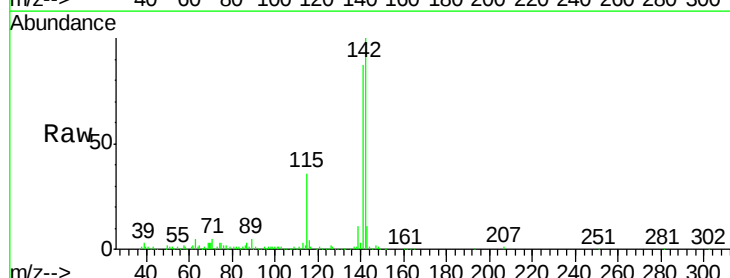
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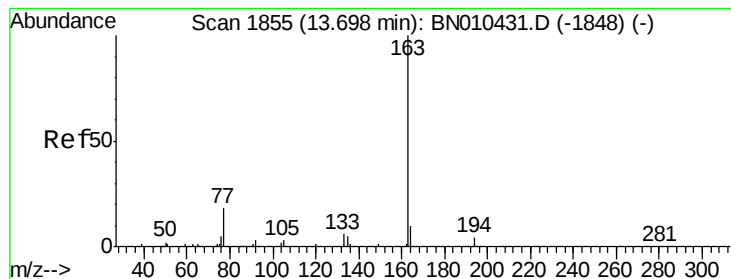
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#34
2-Methylnaphthalene
Concen: 2.938 ng/ul
RT: 12.04 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	86.8	72.1	108.1	





#45

Dimethylphthalate

Concen: 8.354 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Instrument :

BNA_N

ClientSampleId :

DBFA9

Tot Ion:163 Resp: 1097178

Ion Ratio Lower Upper

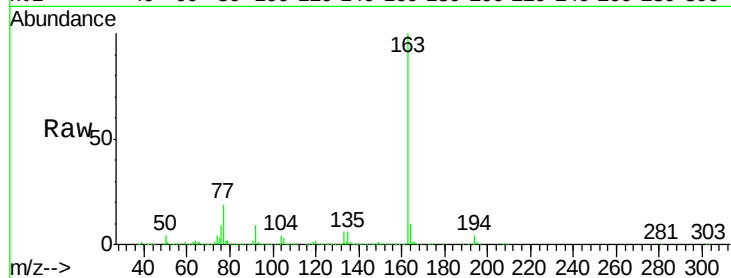
163 100

194 3.9 3.7 5.5

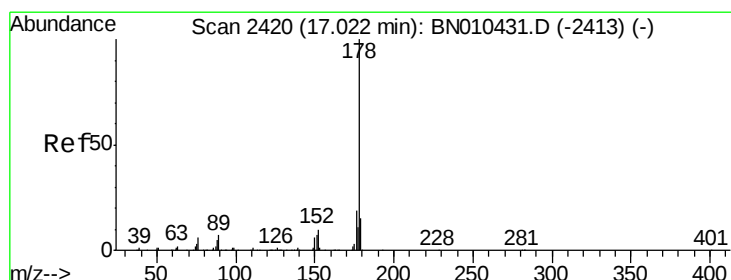
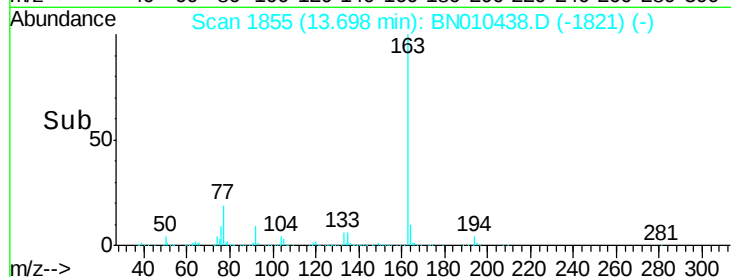
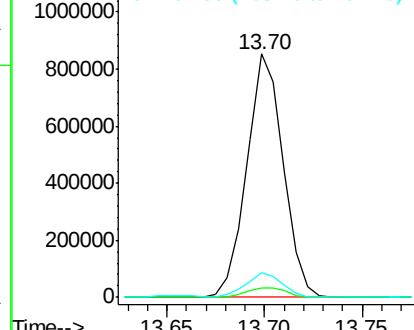
164 10.3 8.0 12.0

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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: 11.131 ng/ul

RT: 17.03 min Scan# 2421

Delta R.T. 0.01 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

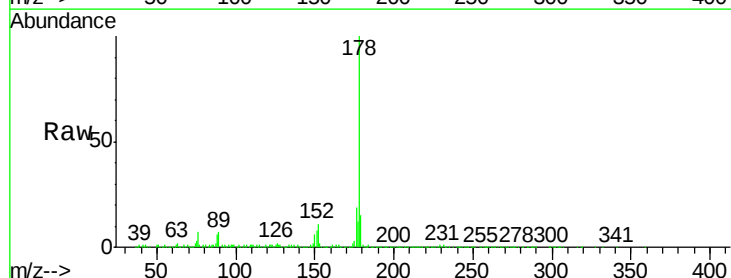
Tgt Ion:178 Resp: 2277682

Ion Ratio Lower Upper

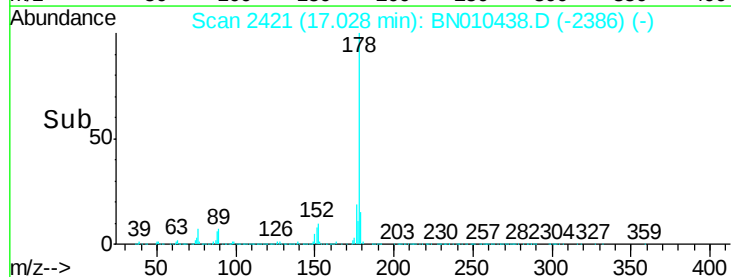
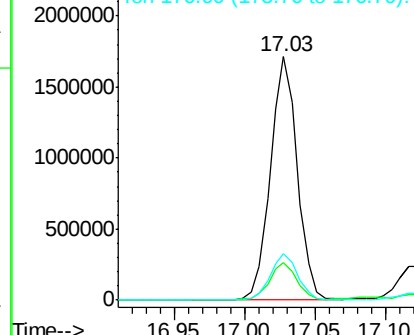
178 100

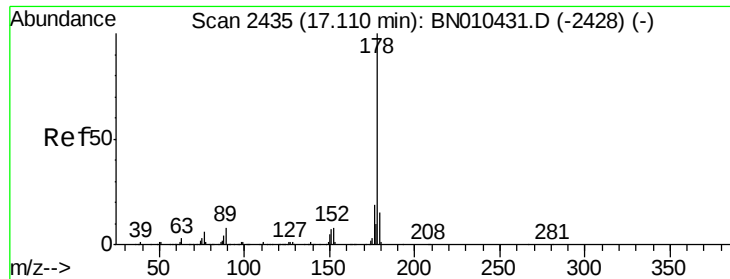
179 15.2 11.9 17.9

176 19.3 15.4 23.2



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: 1.618 ng/ul

RT: 17.12 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Instrument :

BNA_N

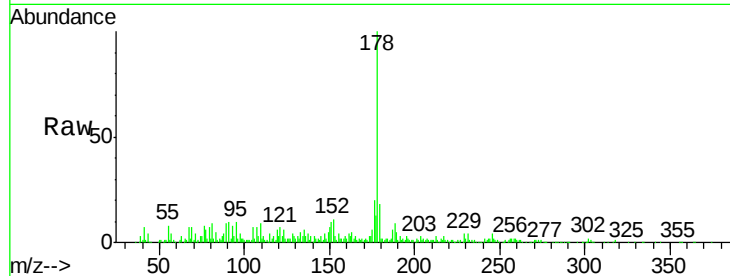
ClientSampleId :

DBFA9

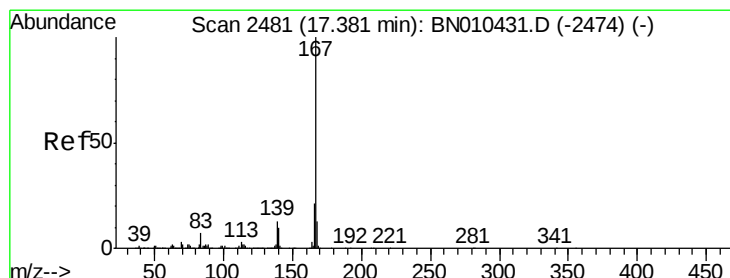
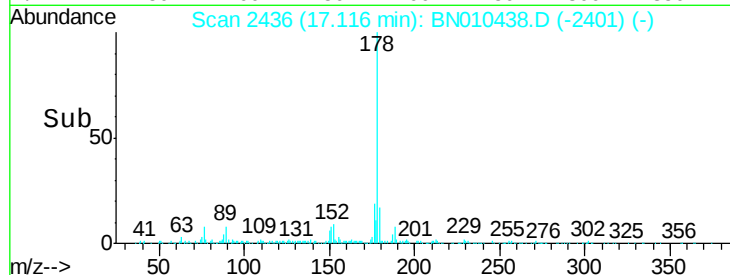
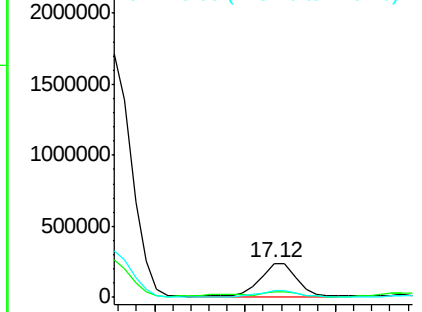
Tot Ion:	178	Resp:	331092
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.9	19.3
176	19.7	15.2	22.8

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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



#75

Carbazole

Concen: 1.046 ng/ul

RT: 17.39 min Scan# 2482

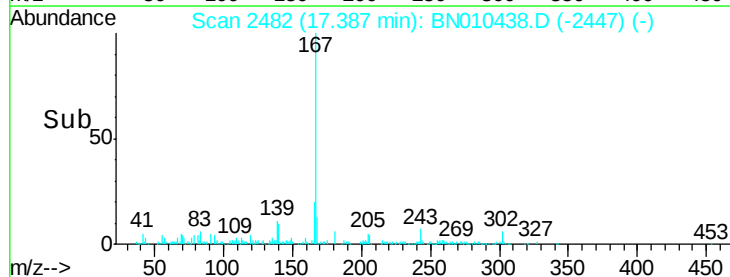
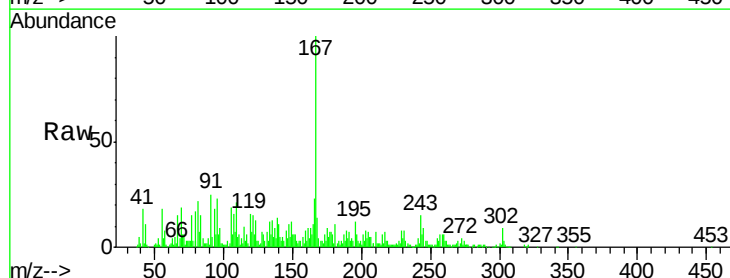
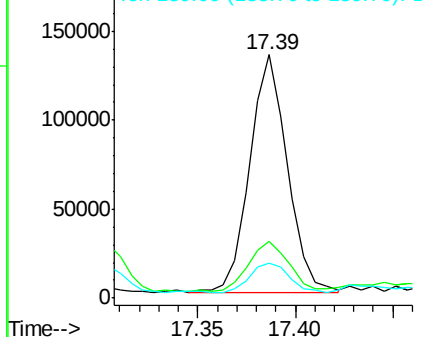
Delta R.T. 0.01 min

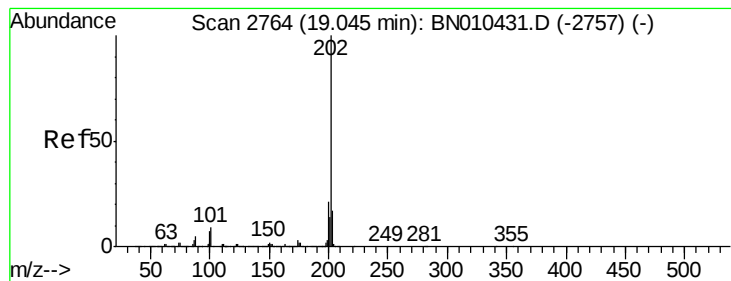
Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Tgt Ion:	167	Resp:	177980
Ion Ratio	Lower	Upper	
167	100		
166	23.5	17.3	25.9
139	14.3	10.0	15.0

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 7.057 ng/ul

RT: 19.05 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Instrument :

BNA_N

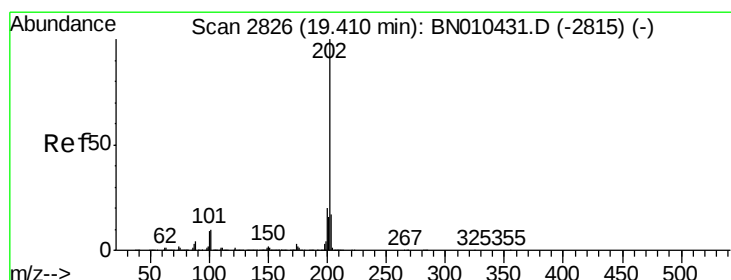
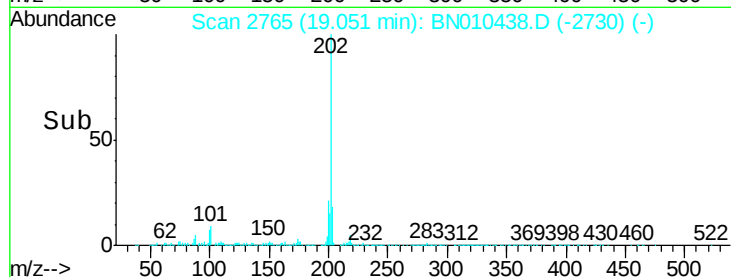
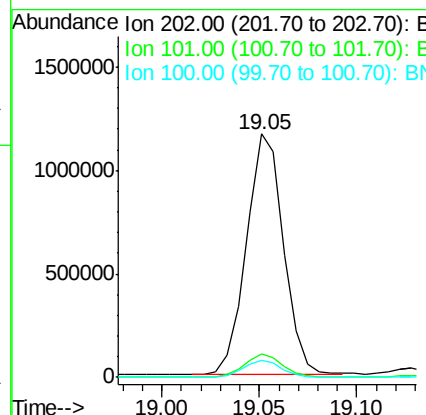
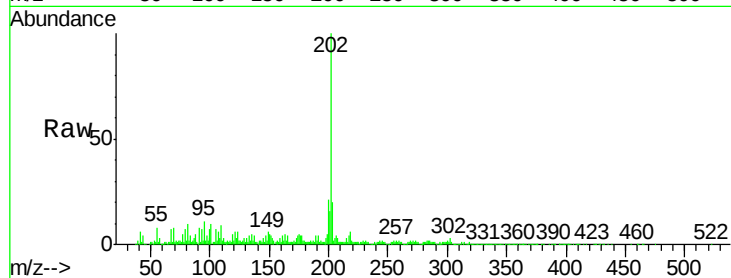
ClientSampleId :

DBFA9

Tot Ion:	202	Resp:	1537920
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	7.2	6.2	9.4

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#80

Pyrene

Concen: 7.451 ng/ul

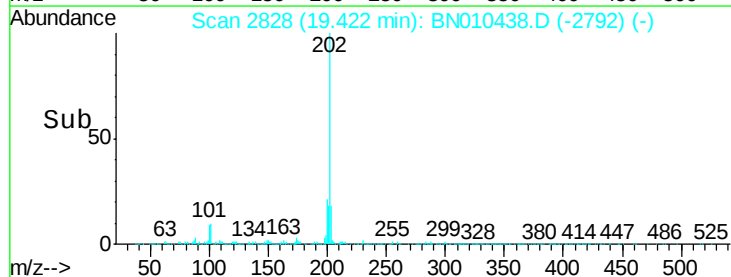
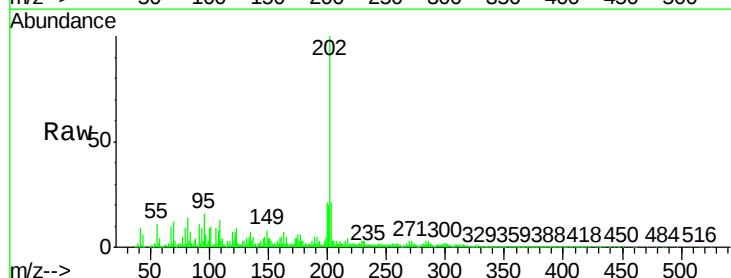
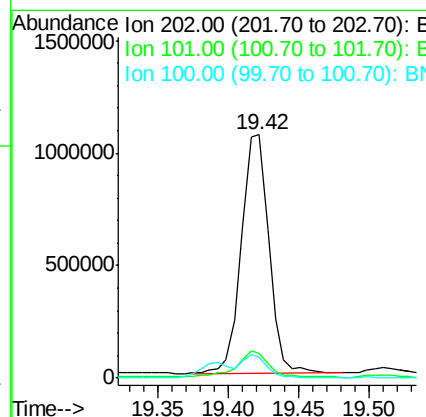
RT: 19.42 min Scan# 2828

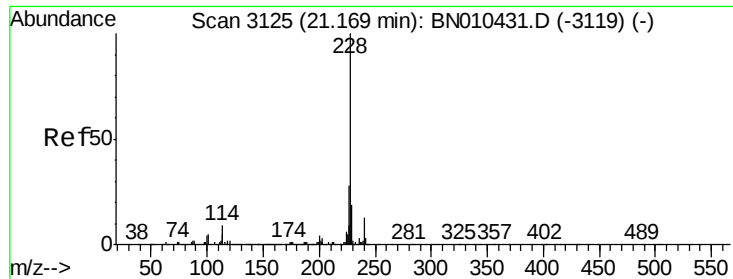
Delta R.T. 0.01 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Tgt Ion:	202	Resp:	1449695
Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.6	14.4
100	8.5	8.1	12.1





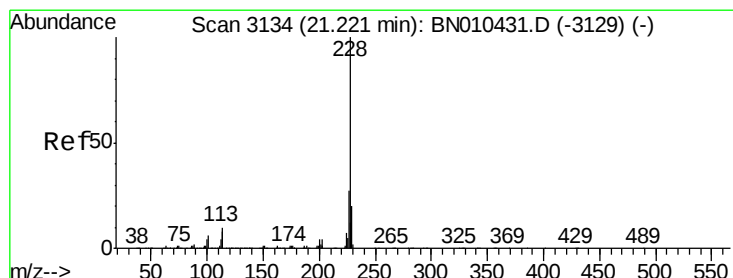
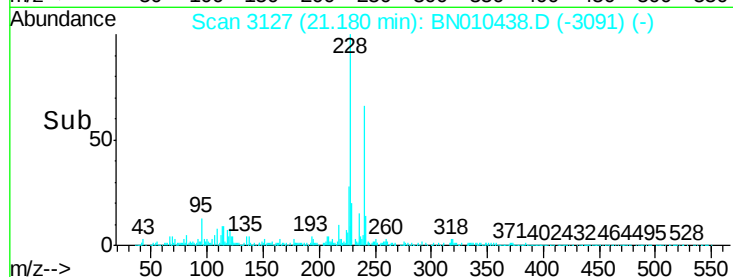
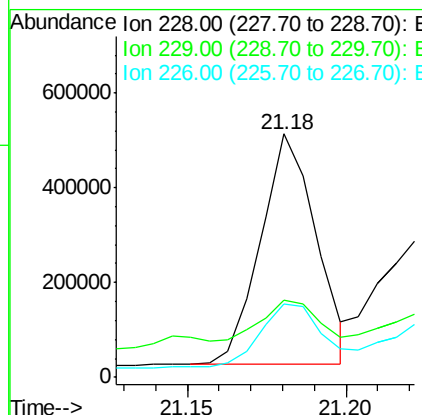
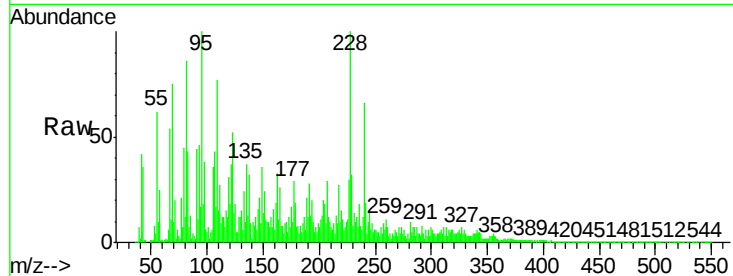
#83
Benzo(a)anthracene
Concen: 3.021 ng/ul
RT: 21.18 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	31.6	15.7	23.5#
226	30.2	21.0	31.6

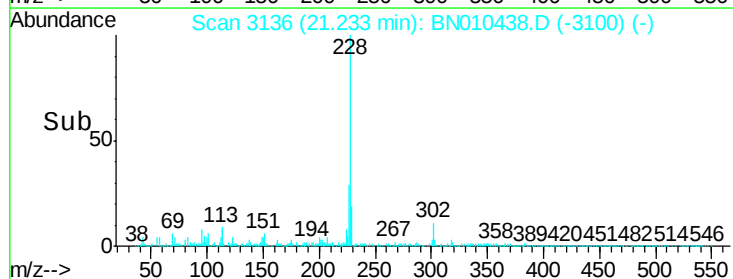
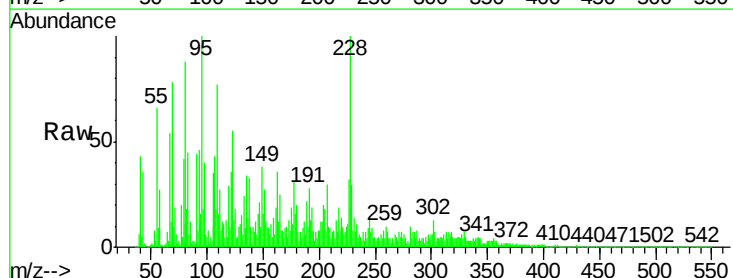
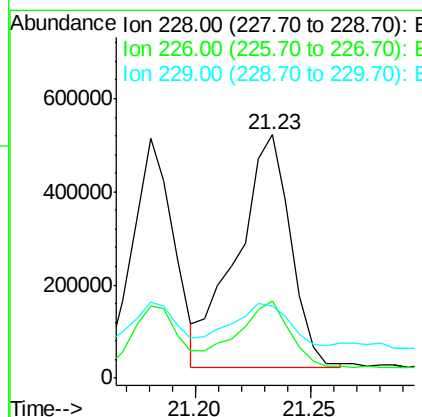
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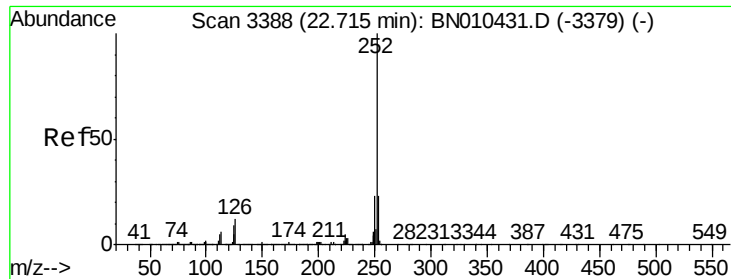
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#85
Chrysene
Concen: 4.318 ng/ul
RT: 21.23 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.0	34.6
229	29.8	15.7	23.5#





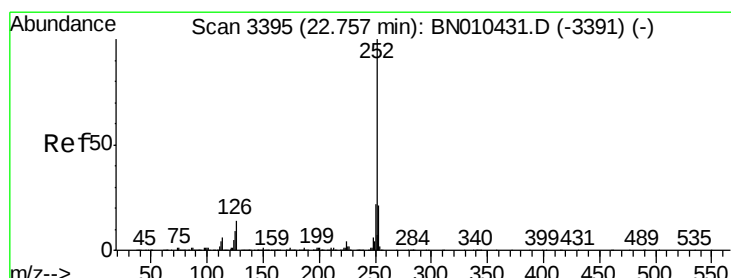
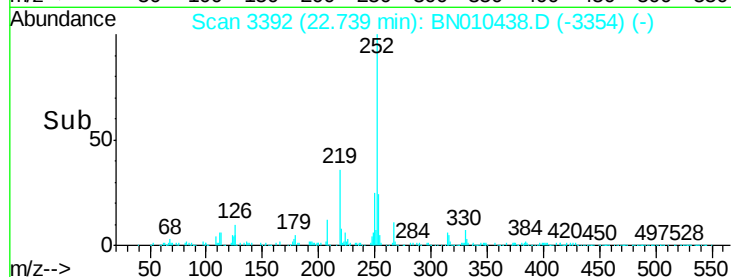
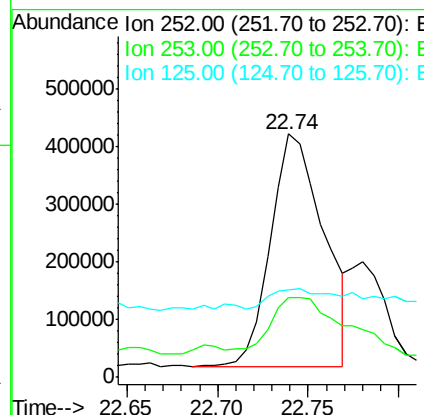
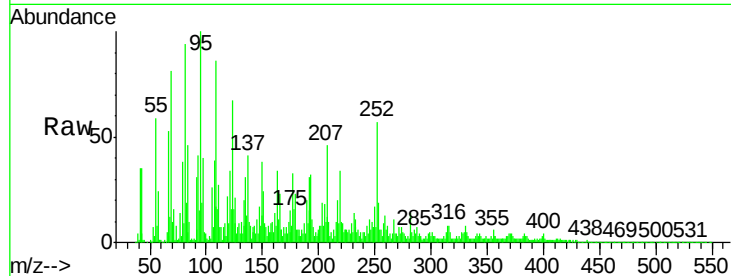
#88
Benzo(b)fluoranthene
Concen: 5.015 ng/ul
RT: 22.74 min Scan# 3392
Delta R.T. 0.02 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Instrument :
BNA_N
ClientSampled :
DBFA9

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	16.0	24.0#
125	36.1	7.4	11.0#

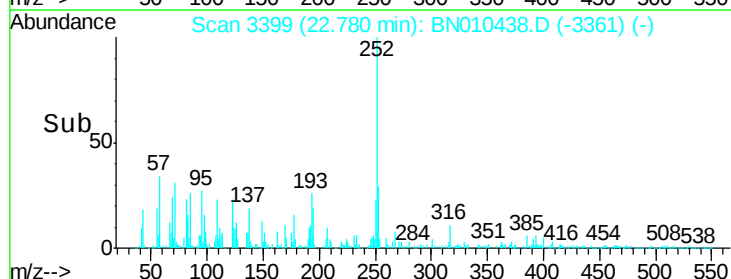
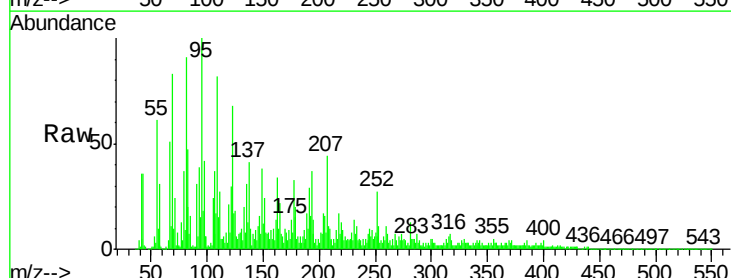
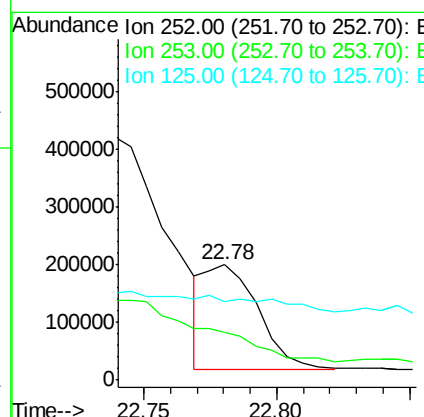
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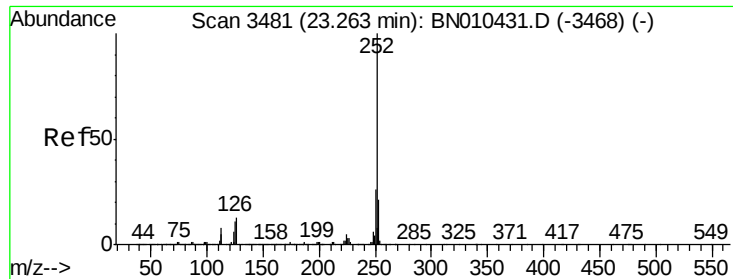
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#89
Benzo(k)fluoranthene
Concen: 1.593 ng/ul m
RT: 22.78 min Scan# 3399
Delta R.T. 0.02 min
Lab File: BN010438.D
Acq: 08 Apr 2020 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.2	18.6	27.8#
125	68.0	8.1	12.1#





#91

Benzo(a)pyrene

Concen: 3.359 ng/ul

RT: 23.30 min Scan# 3487

Delta R.T. 0.04 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Instrument :

BNA_N

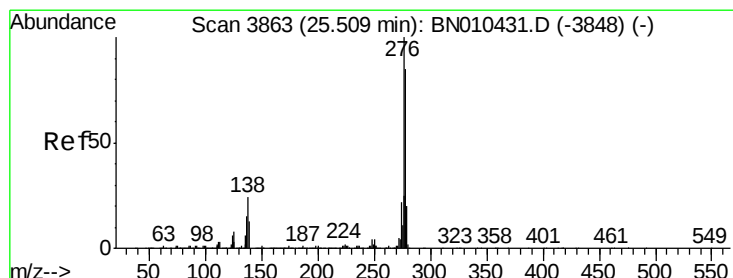
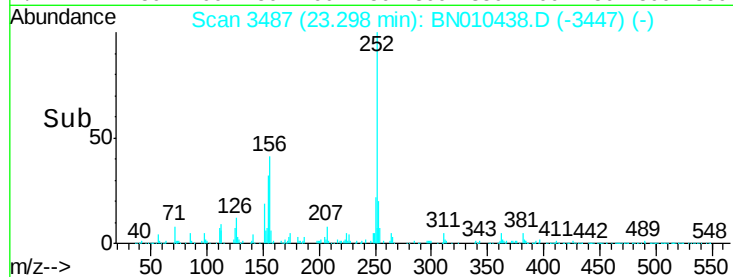
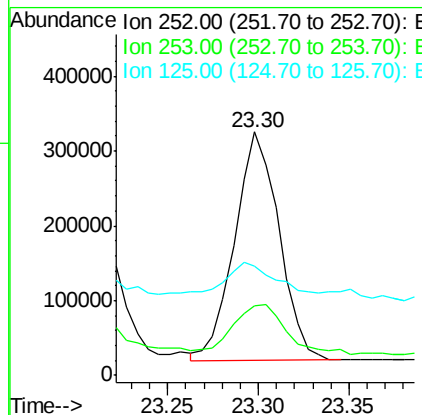
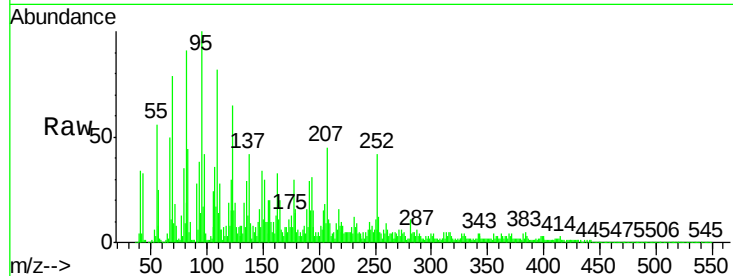
ClientSampleId :

DBFA9

Tot Ion:	252	Resp:	519328
Ion Ratio	Lower	Upper	
252	100		
253	28.6	18.6	27.8#
125	44.7	8.9	13.3#

Manual Integrations
APPROVED

mohammad
4/9/2020 11:38:34 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.117 ng/ul

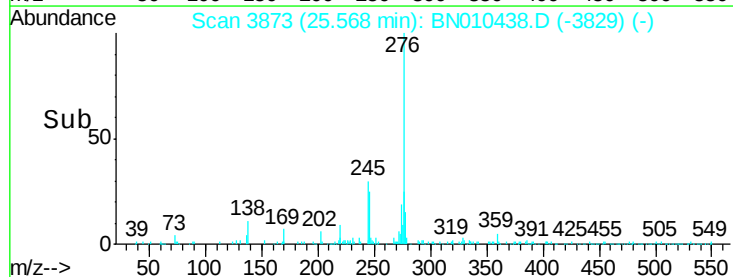
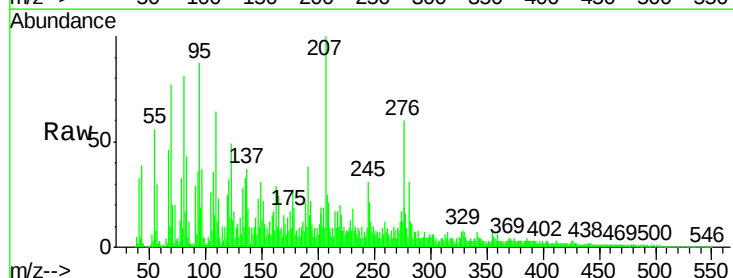
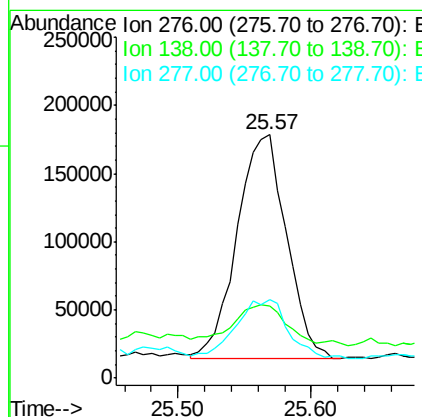
RT: 25.57 min Scan# 3873

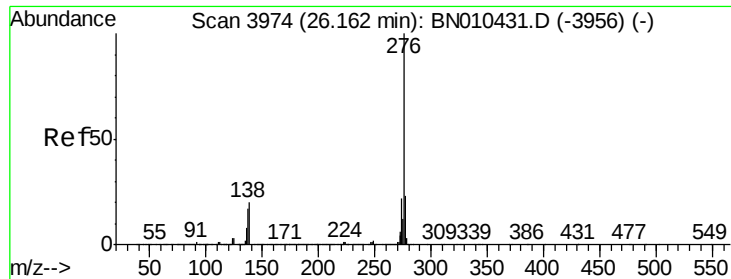
Delta R.T. 0.06 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Tgt Ion:	276	Resp:	422300
Ion Ratio	Lower	Upper	
276	100		
138	29.4	19.8	29.8
277	32.2	20.6	30.8#





#94

Benzo(a,h,i)perylene

Concen: 2.565 ng/ul m

RT: 26.22 min Scan# 3983

Delta R.T. 0.05 min

Lab File: BN010438.D

Acq: 08 Apr 2020 19:56

Instrument :

BNA_N

ClientSampleId :

DBFA9

Tot Ion:	276	Resp:	431132
Ion Ratio	Lower	Upper	
276	100		
138	28.0	16.8	25.2#
277	31.2	18.4	27.6#

Manual Integrations
APPROVED

mohammad
4/9/2020 11:38:34 AM

