

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005434.D
 Acq On : 03 May 2019 02:30
 Operator : JU/SJ
 Sample : K2603-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ61

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:43 PM

Quant Time: May 03 05:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	361613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1622923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1046220	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2315305m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1845058m	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1882493m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	4747	0.63	ng/uL	0.00
5) Phenol-d5	6.78	99	102363	3.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	63784	3.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	86554	3.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	85288	3.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	47653	4.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	49688	4.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	89494	3.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	94105	3.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	336542	4.43	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	407968	4.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29466	2.46	ng/ul	0.02
57) Fluorene-d10	15.22	176	299726	4.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	30126m	2.89	ng/ul	0.00
70) Anthracene-d10	17.07	188	467088	4.81	ng/ul	0.00
78) Pyrene-d10	19.39	212	486202m	5.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	380388m	4.62	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.69	163	125859	1.663 ng/ul	99
47) Acenaphthylene	13.94	152	456698	4.982 ng/ul	99
69) Phenanthrene	17.02	178	132989m	1.179 ng/ul	
71) Anthracene	17.11	178	142976	1.245 ng/ul	98
76) Fluoranthene	19.05	202	1808607m	14.461 ng/ul	
79) Pyrene	19.42	202	3911085m	32.922 ng/ul	
82) Benzo(a)anthracene	21.19	228	1660941m	14.470 ng/ul	
84) Chrysene	21.25	228	1478536m	13.879 ng/ul	
87) Benzo(b)fluoranthene	22.76	252	1451894m	13.720 ng/ul	
88) Benzo(k)fluoranthene	22.79	252	455527m	4.507 ng/ul	
90) Benzo(a)pyrene	23.32	252	1576045m	15.845 ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	691376m	6.287 ng/ul	
92) Dibenzo(a,h)anthracene	25.59	278	204080m	2.187 ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	710087m	7.809 ng/ul	

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

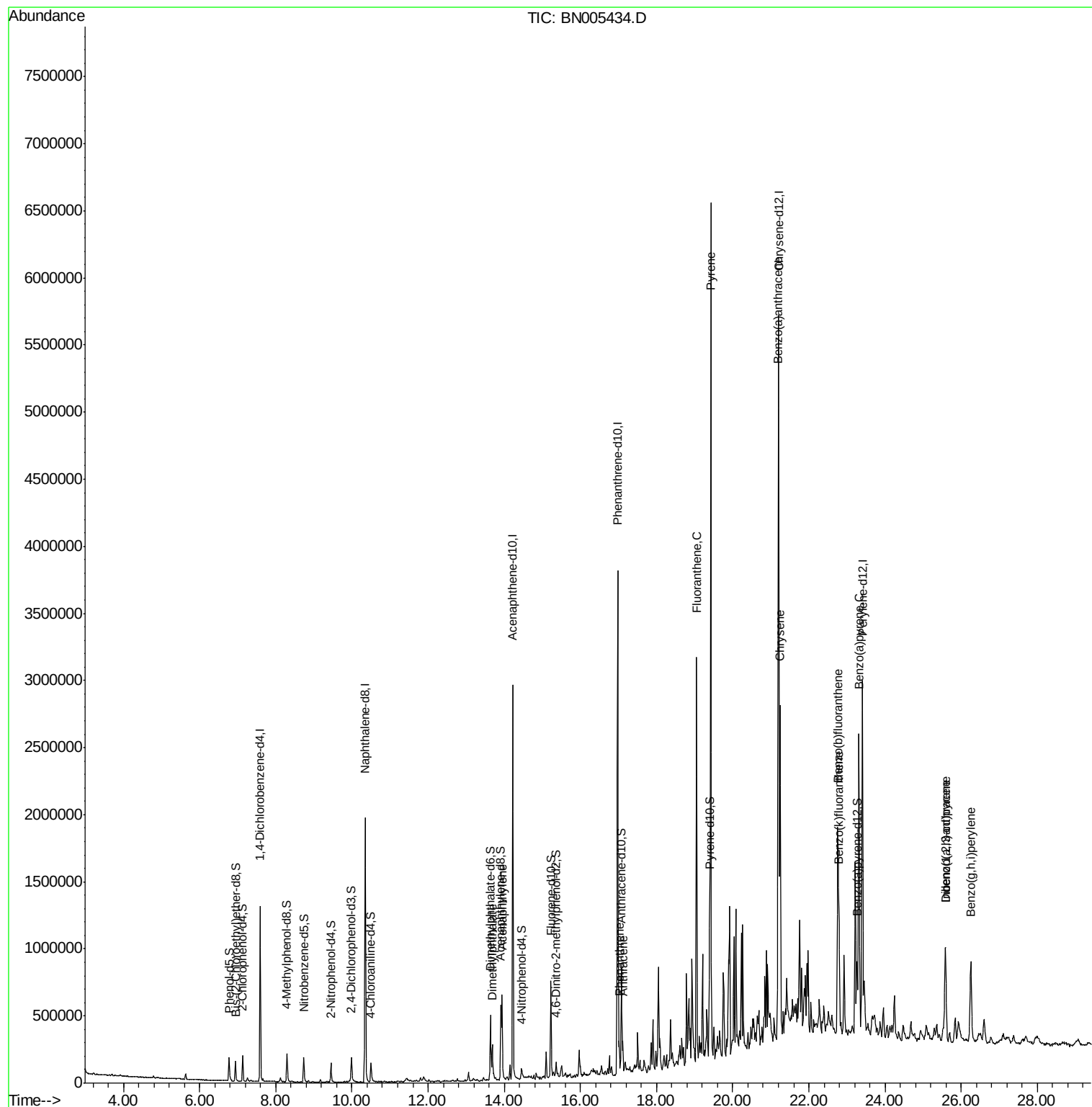
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005434.D
Acq On : 03 May 2019 02:30
Operator : JU/SJ
Sample : K2603-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

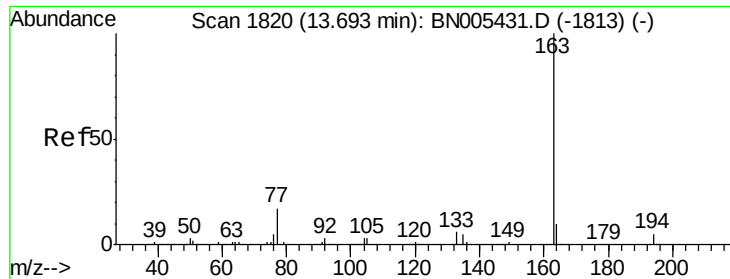
Instrument :
BNA_N
ClientSampleId :
GAJ61

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Quant Time: May 03 05:50:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





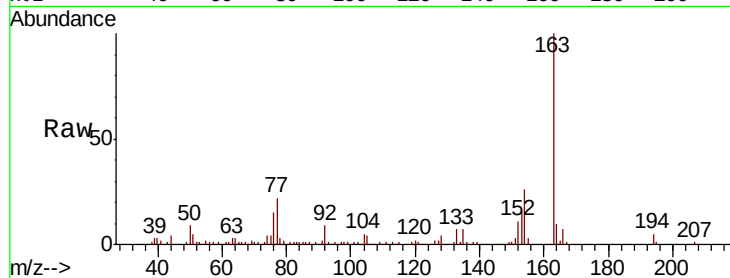
#44
Dimethylphthalate
Concen: 1.663 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

Instrument :
BNA_N
ClientSampled :
GAJ61

Tot Ion	Ratio	Resp	Lower	Upper
163	100	125859		
194	4.7		3.4	5.0
164	9.6		8.1	12.1

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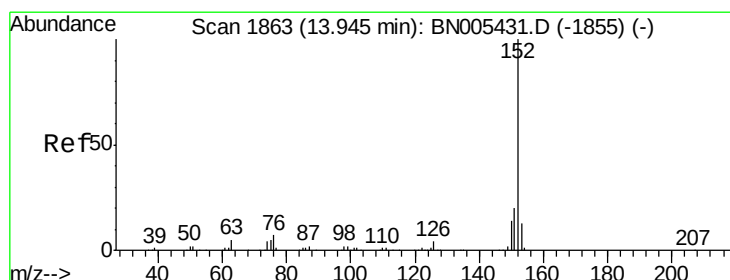
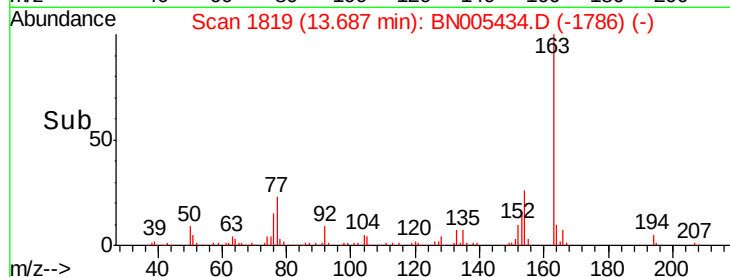
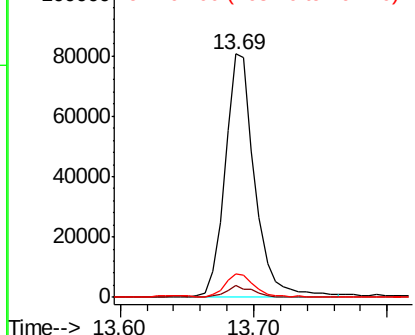


Abundance

Ion 163.00 (162.70 to 163.70): E

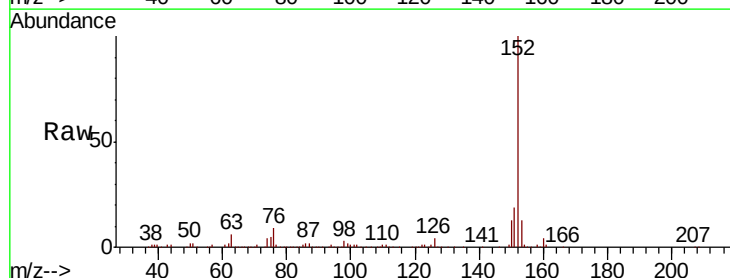
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 4.982 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	456698		
151	19.2		15.8	23.8
153	12.7		9.8	14.8

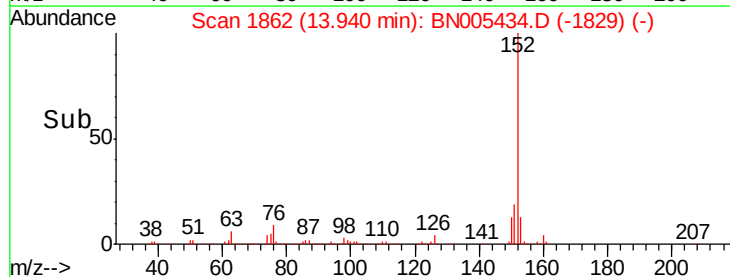
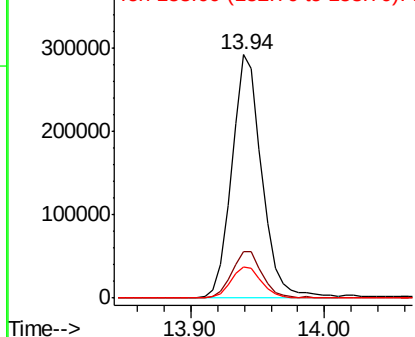


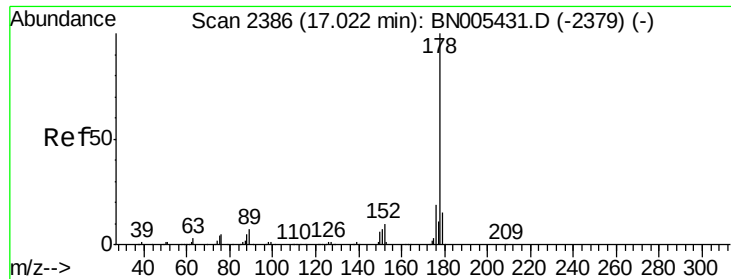
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.179 ng/ul m

RT: 17.02 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Instrument :

BNA_N

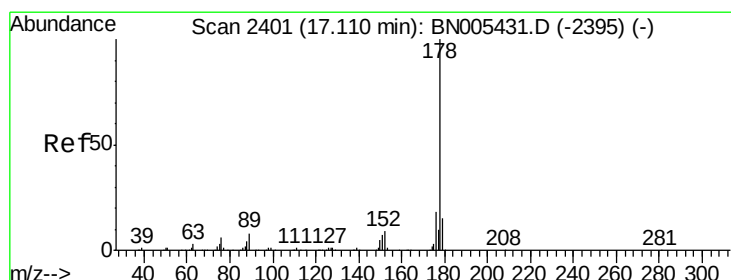
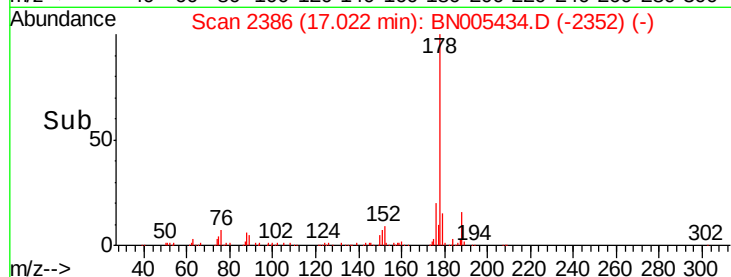
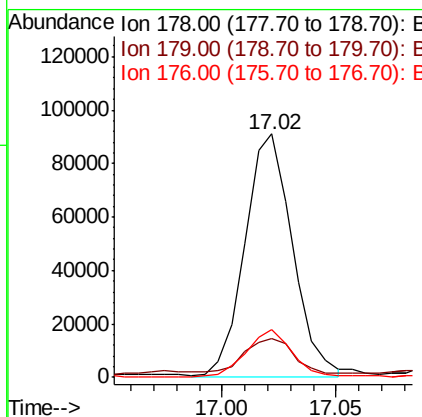
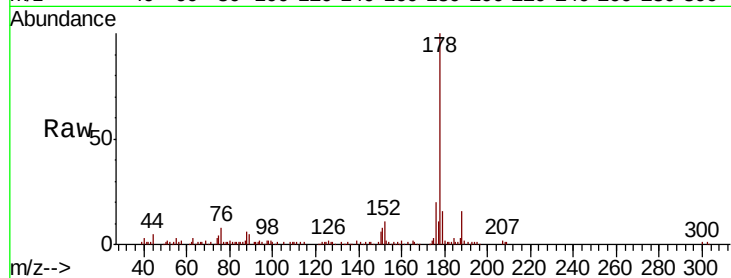
ClientSampleId :

GAJ61

Tot Ion:	178	Resp:	132989
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	19.7	15.1	22.7

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#71

Anthracene

Concen: 1.245 ng/ul

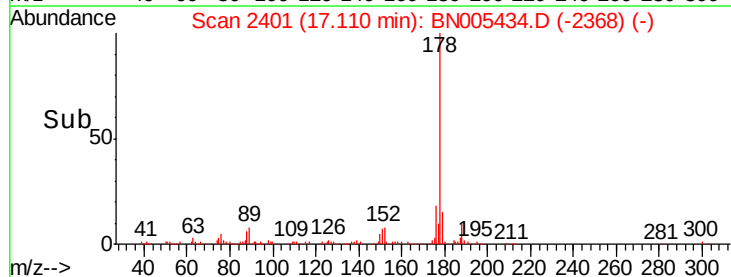
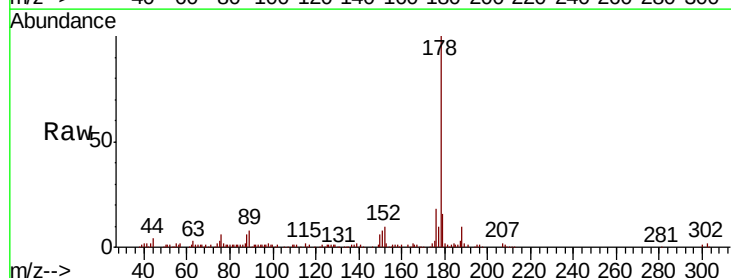
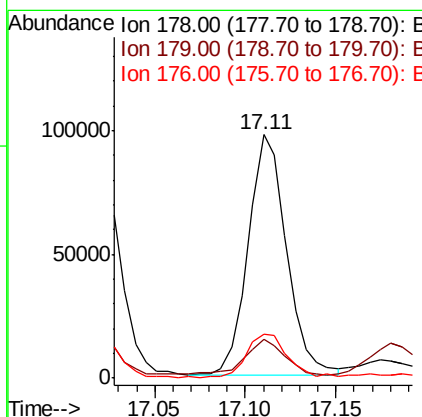
RT: 17.11 min Scan# 2401

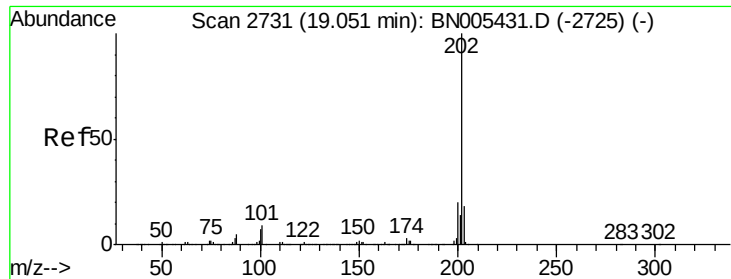
Delta R.T. -0.01 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Tgt Ion:	178	Resp:	142976
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	17.9	15.1	22.7





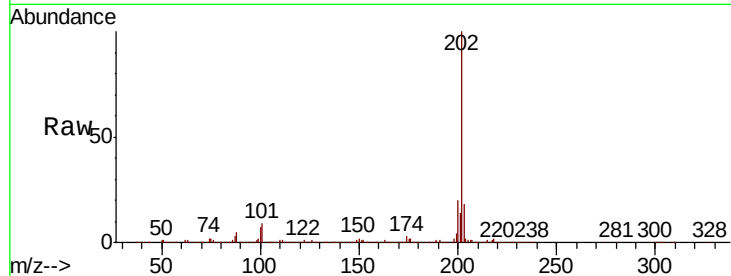
#76
Fluoranthene
Concen: 14.461 ng/ul m
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

Instrument :
BNA_N
ClientSampleId :
GAJ61

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	7.2	6.3	9.5

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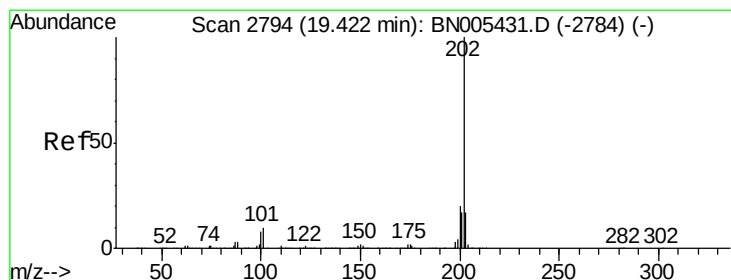
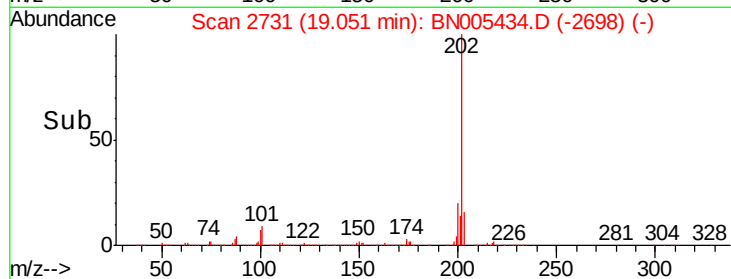
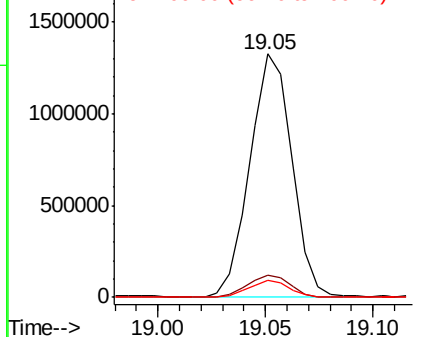


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79
Pyrene
Concen: 32.922 ng/ul m
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

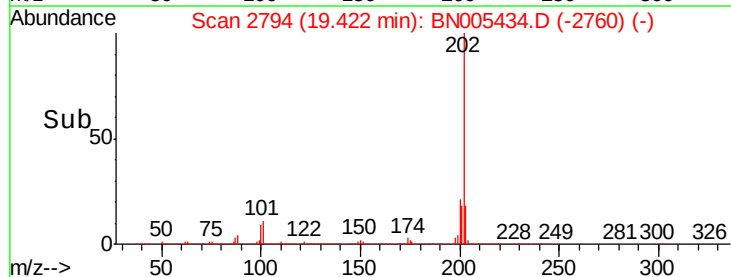
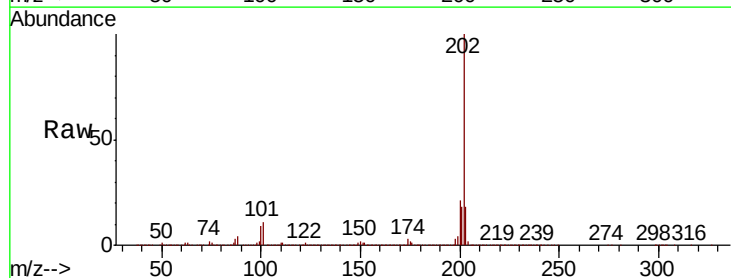
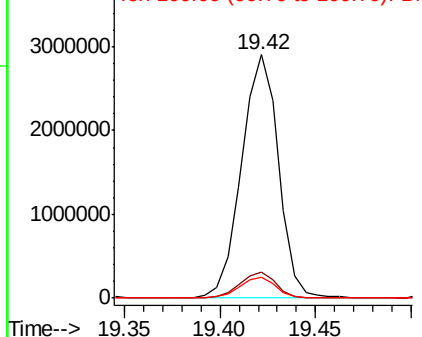
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.3	15.5
100	8.8	7.9	11.9

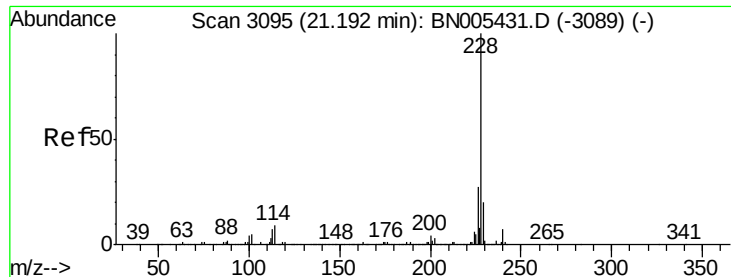
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 14.470 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Instrument :

BNA_N

ClientSampleId :

GAJ61

Tot Ion:228 Resp: 1660941

Ion Ratio Lower Upper

228 100

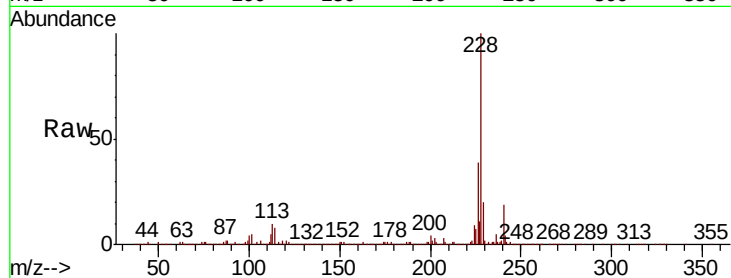
229 20.2 15.8 23.6

226 39.5 21.4 32.2#

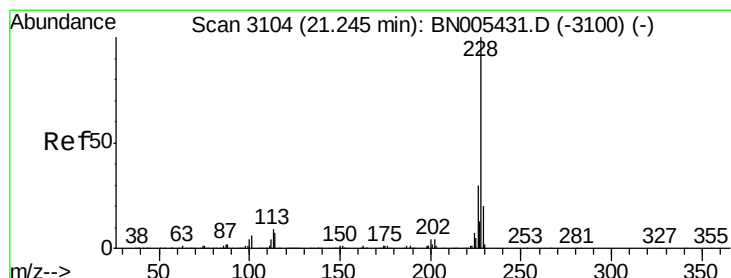
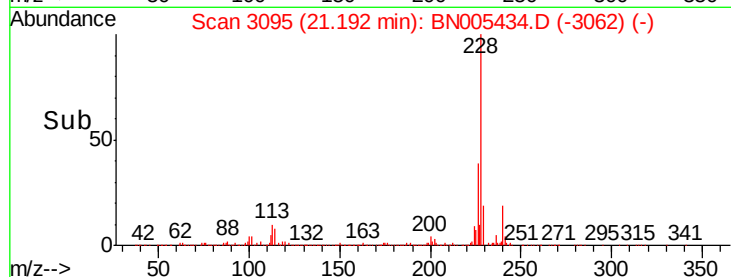
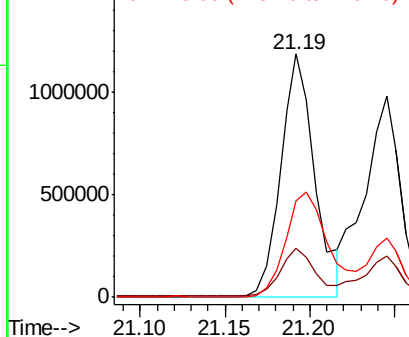
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 13.879 ng/ul m

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

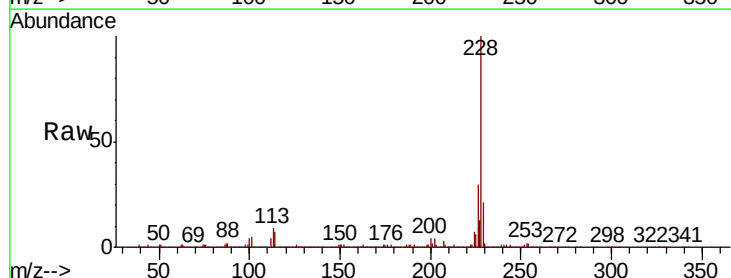
Tgt Ion:228 Resp: 1478536

Ion Ratio Lower Upper

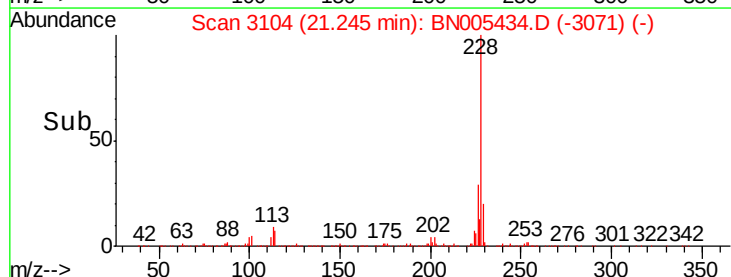
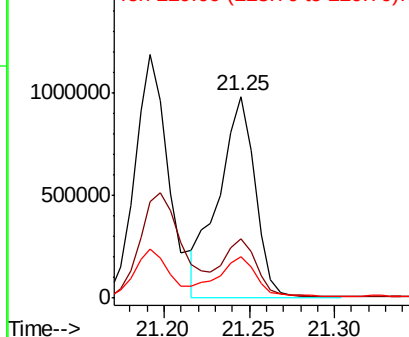
228 100

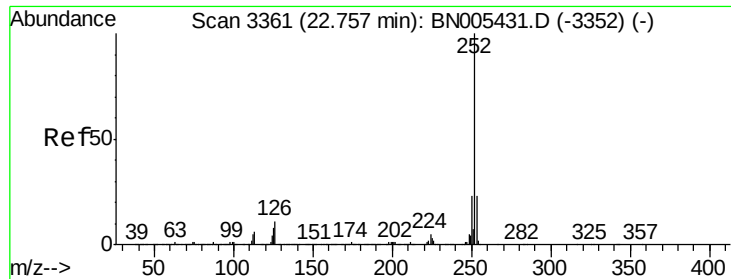
226 29.5 24.0 36.0

229 20.8 15.4 23.0



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





#87

Benzo(b)fluoranthene

Concen: 13.720 ng/ul m

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Instrument :

BNA_N

ClientSampleId :

GAJ61

Tot Ion:252 Resp: 1451894

Ion Ratio Lower Upper

252 100

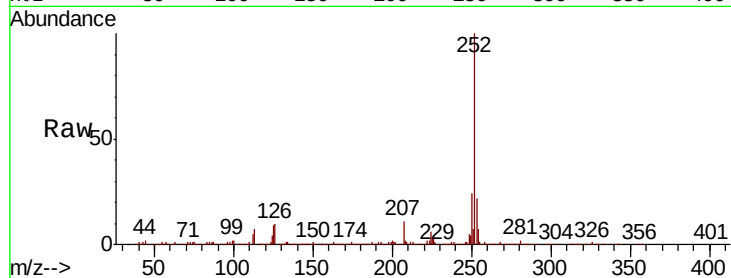
253 22.0 17.7 26.5

125 8.5 8.4 12.6

Manual Integrations
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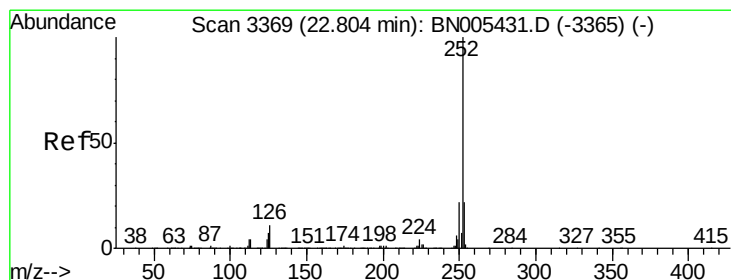
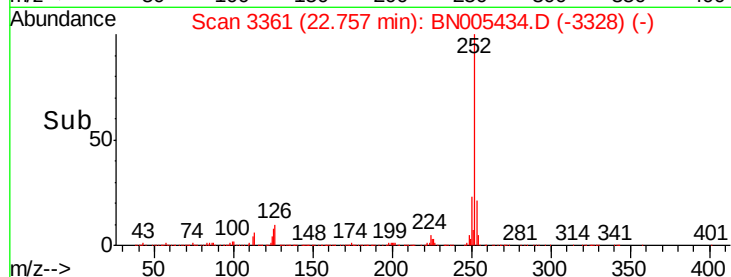
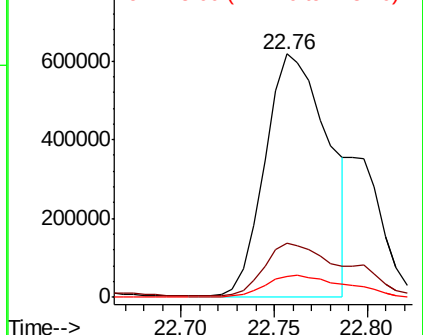


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.507 ng/ul m

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Tgt Ion:252 Resp: 455527

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

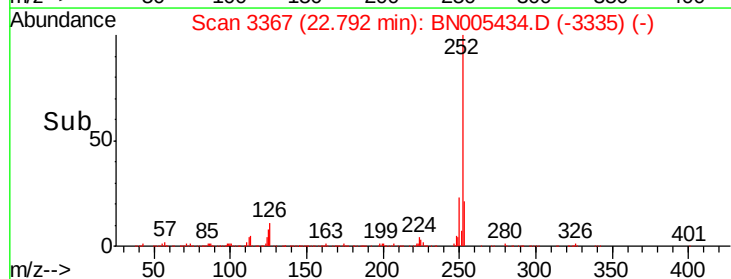
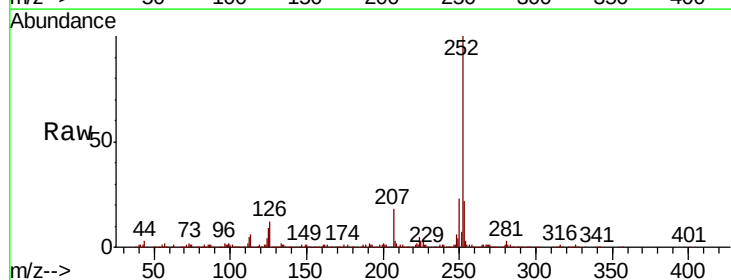
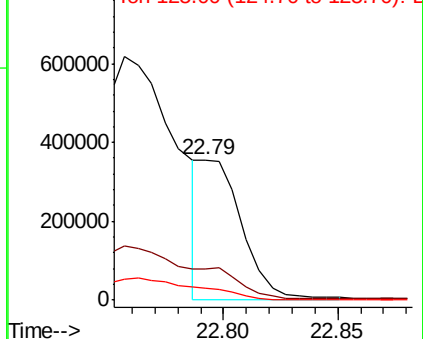
125 8.9 7.5 11.3

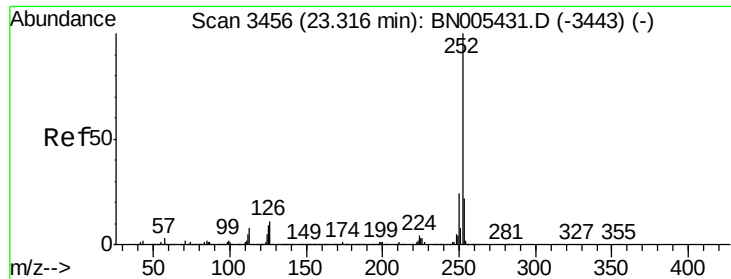
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





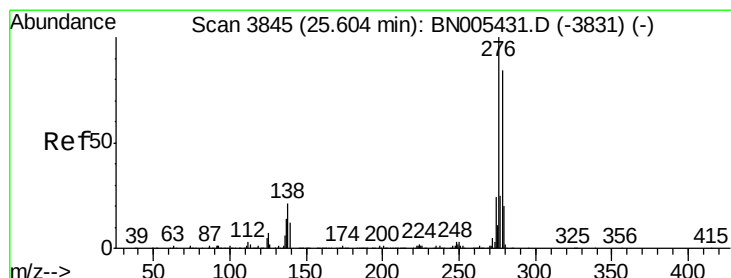
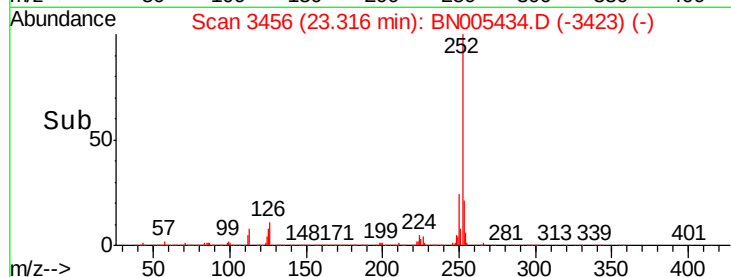
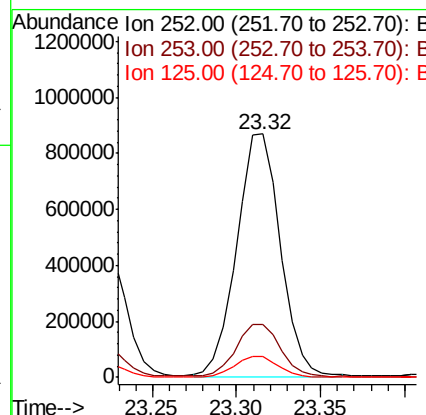
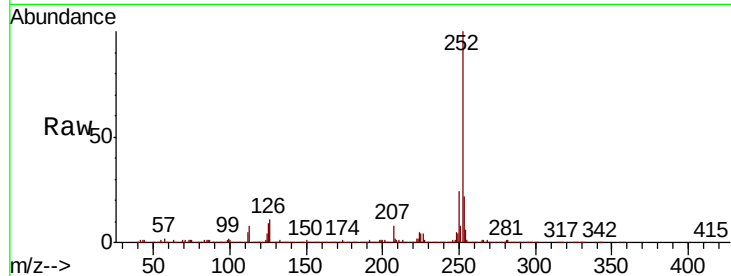
#90
Benzo(a)pyrene
Concen: 15.845 ng/ul m
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

Instrument :
BNA_N
ClientSampled :
GAJ61

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.6	8.6	13.0#

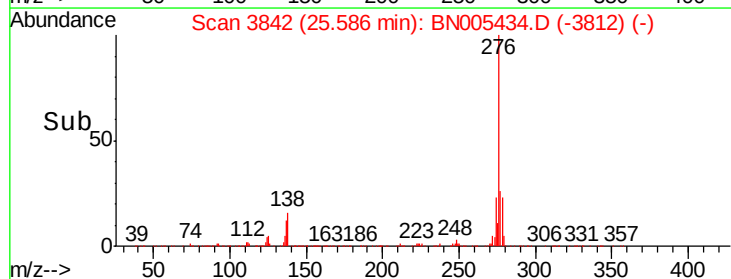
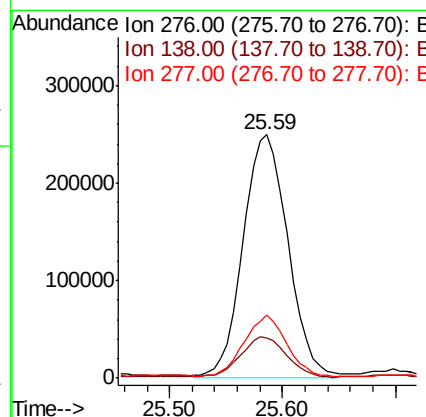
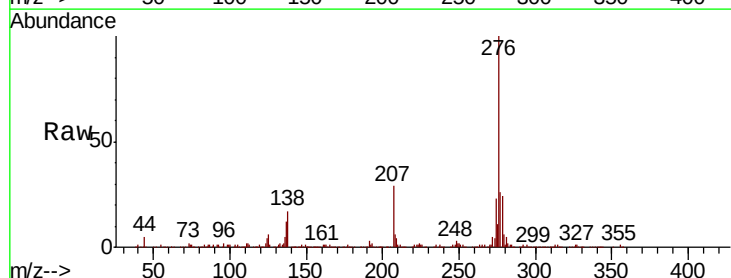
Manual Integrations
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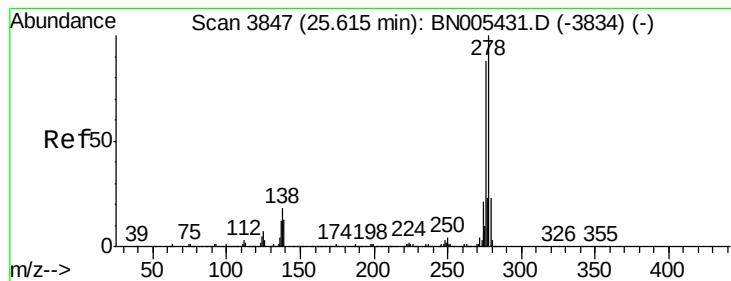
Sohil
5/3/2019 4:56:43 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 6.287 ng/ul m
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN005434.D
Acq: 03 May 2019 02:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	17.9	26.9#
277	25.8	19.7	29.5





#92

Dibenzo(a,h)anthracene

Concen: 2.187 ng/ul m

RT: 25.59 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Instrument :

BNA_N

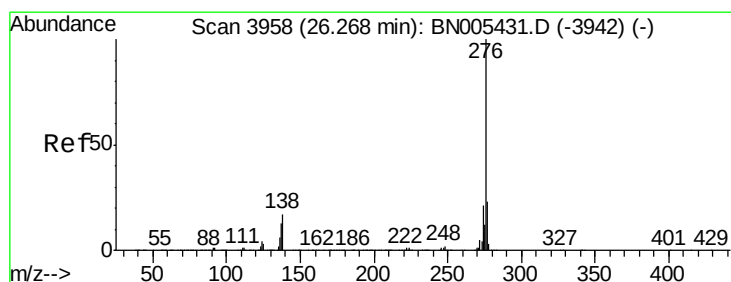
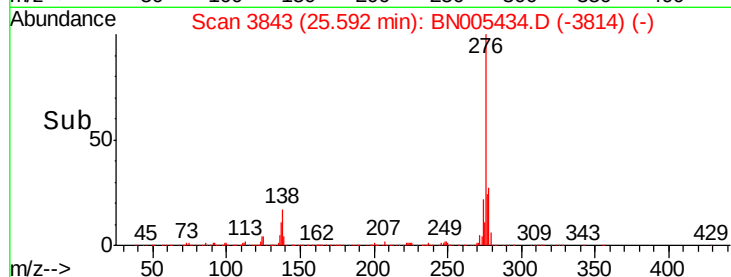
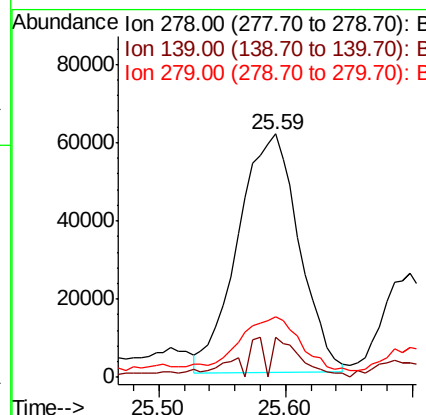
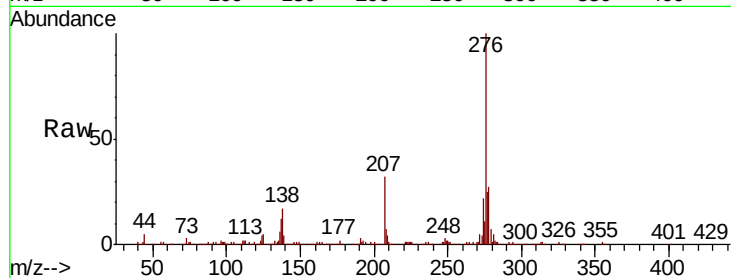
ClientSampleId :

GAJ61

Tot Ion:	278	Resp:	204080
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.8	19.4	29.0

Manual Integrations
APPROVED

Sohil
5/3/2019 4:56:43 PM



#93

Benzo(g,h,i)perylene

Concen: 7.809 ng/ul m

RT: 26.25 min Scan# 3955

Delta R.T. -0.03 min

Lab File: BN005434.D

Acq: 03 May 2019 02:30

Tgt Ion:	276	Resp:	710087
Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.7	25.1
277	24.6	18.2	27.2

