

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006019.D
 Acq On : 02 Jun 2019 07:15
 Operator : JU/SJ
 Sample : K2928-15DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C9DL

Manual Integrations
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Sohil
 6/4/2019 8:38:37 AM

Quant Time: Jun 03 05:36:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	533533	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	2245417	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1224723	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2181334	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	1308465	20.00	ng/ul	-0.02
85) Perylene-d12	23.65	264	1643376	20.00	ng/ul	-0.02

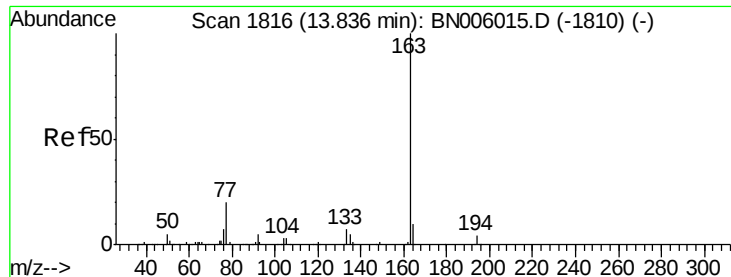
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9138	0.75	ng/uL	0.00
5) Phenol-d5	6.89	99	187541	3.97	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	116457	4.32	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	157906	4.38	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	146982	3.85	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	77136	5.35	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	81456	6.07	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	138176	4.36	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.66	131	70942	1.71	ng/ul	-0.01
43) Dimethylphthalate-d6	13.79	166	482418	5.34	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	565634	5.01	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	54282	3.30	ng/ul	-0.02
57) Fluorene-d10	15.38	176	381822	5.04	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.52	200	16643	1.87	ng/ul	-0.01
70) Anthracene-d10	17.24	188	493406	5.31	ng/ul	-0.02
78) Pyrene-d10	19.55	212	378349	5.73	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.50	264	341050	4.65	ng/ul	-0.02

Target Compounds

					Ovalue
44) Dimethylphthalate	13.84	163	188874	2.093	ng/ul 100
47) Acenaphthylene	14.10	152	131882	1.191	ng/ul# 95
49) Acenaphthene	14.45	153	115920	1.541	ng/ul 96
58) Fluorene	15.44	166	105571	1.266	ng/ul# 97
69) Phenanthrene	17.18	178	2800701	25.914	ng/ul 99
71) Anthracene	17.27	178	1024072	9.333	ng/ul 98
76) Fluoranthene	19.22	202	8549065	74.098	ng/ul 97
79) Pyrene	19.58	202	10000996	120.660	ng/ul 96
82) Benzo(a)anthracene	21.34	228	5428527	65.998	ng/ul 95
84) Chrysene	21.40	228	5525195	72.022	ng/ul 96
87) Benzo(b)fluoranthene	22.97	252	5278462	57.186	ng/ul 98
88) Benzo(k)fluoranthene	23.01	252	1707534m	20.120	ng/ul
90) Benzo(a)pyrene	23.55	252	4231718	48.616	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.96	276	2601615	25.471	ng/ul 100
92) Dibenzo(a,h)anthracene	25.96	278	844061	9.925	ng/ul# 78
93) Benzo(g,h,i)perylene	26.67	276	2237884	26.015	ng/ul 95

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



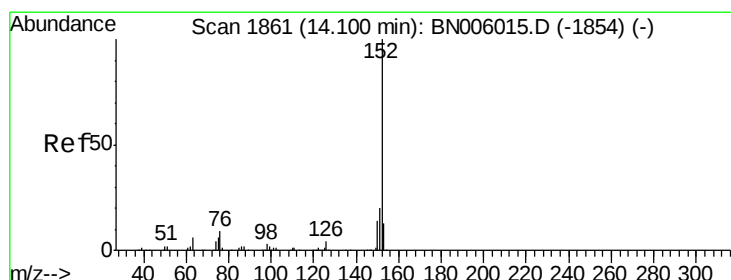
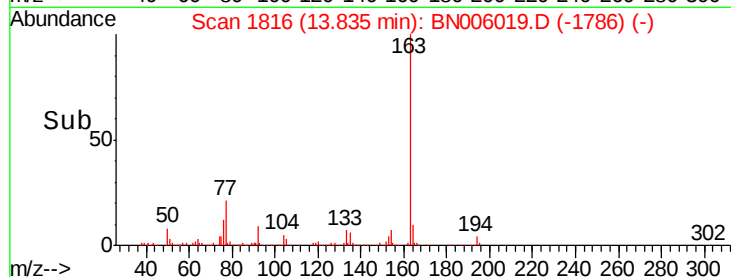
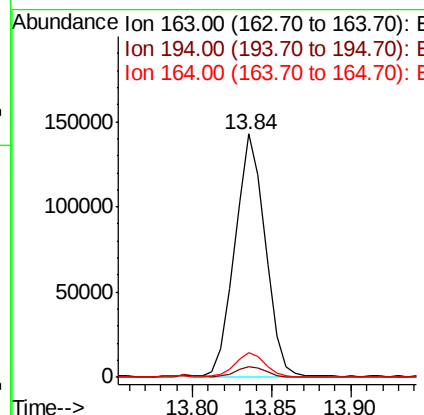
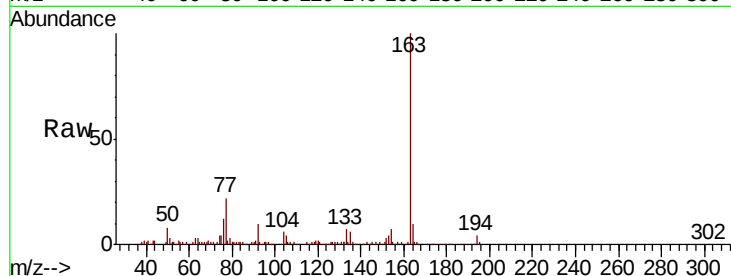
#44
Dimethylphthalate
Concen: 2.093 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Instrument :
BNA_N
ClientSampleId :
A42C9DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	188874		
194	4.4		3.4	5.0
164	10.0		8.1	12.1

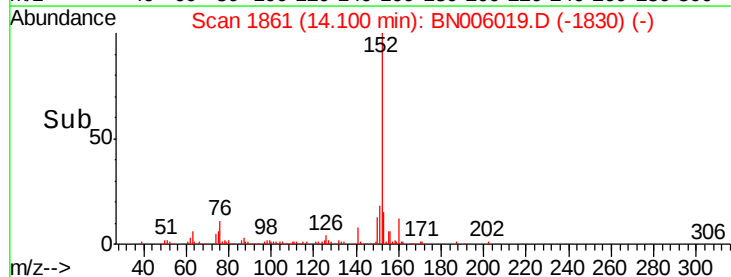
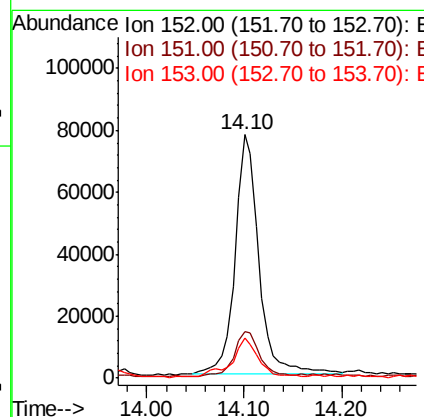
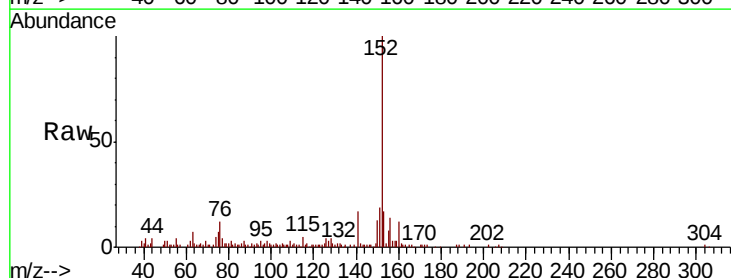
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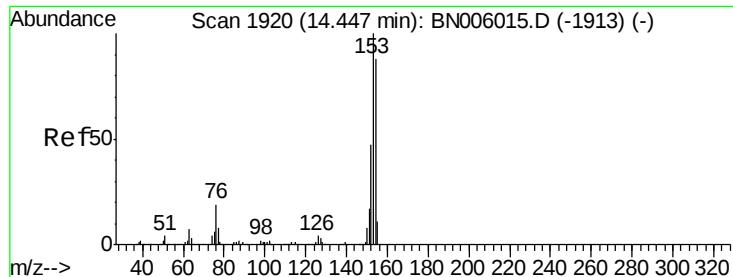
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#47
Acenaphthylene
Concen: 1.191 ng/ul
RT: 14.10 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	131882		
151	18.9		15.8	23.8
153	16.6		9.8	14.8#





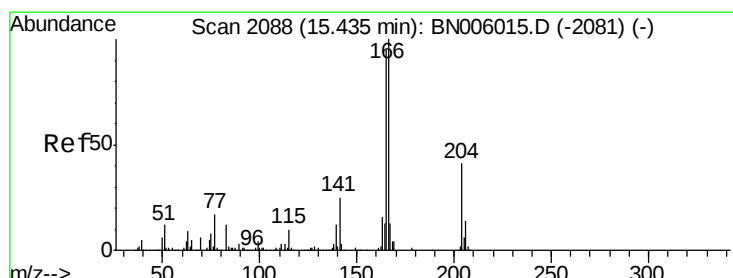
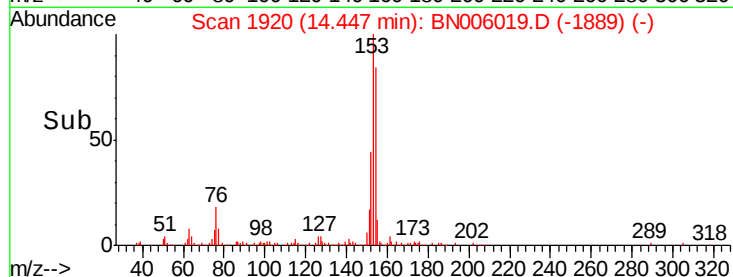
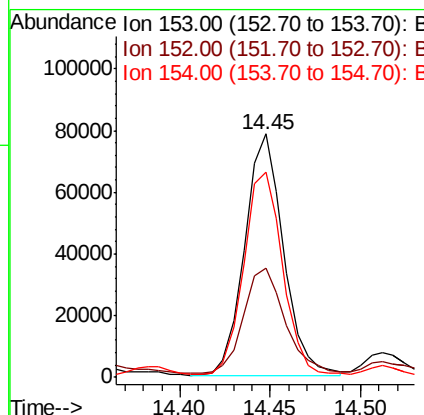
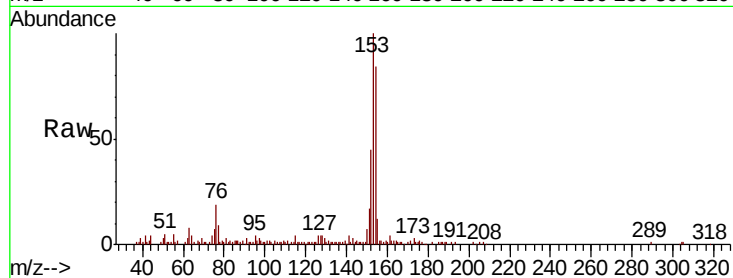
#49
Acenaphthene
Concen: 1.541 ng/ul
RT: 14.45 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Instrument :
BNA_N
ClientSampled :
A42C9DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.4	56.0
154	84.3	71.2	106.8

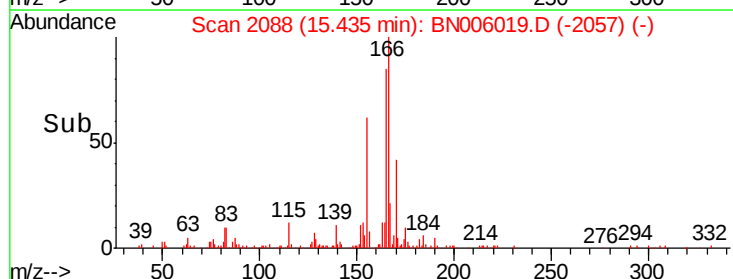
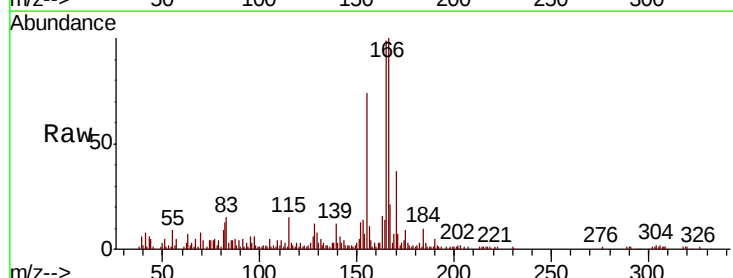
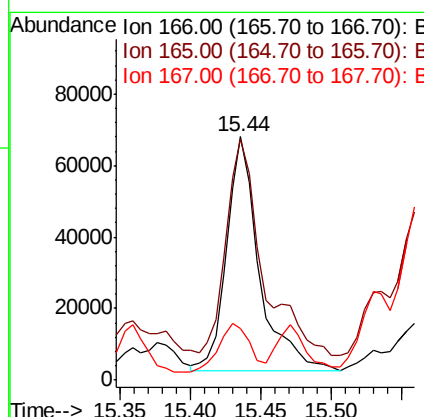
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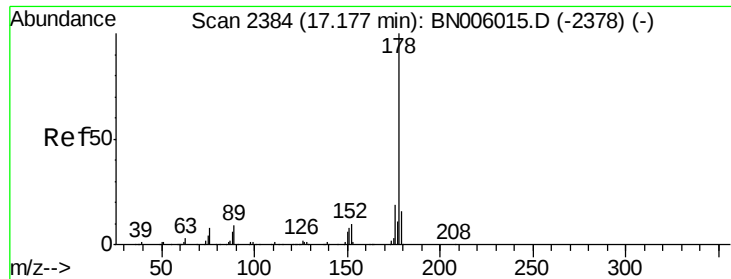
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#58
Fluorene
Concen: 1.266 ng/ul
RT: 15.44 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.0	120.0
167	21.1	10.7	16.1#





#69

Phenanthrene

Concen: 25.914 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BN006019.D

Acq: 02 Jun 2019 07:15

Instrument :

BNA_N

ClientSampled :

A42C9DL

Tot Ion:178 Resp: 2800701

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

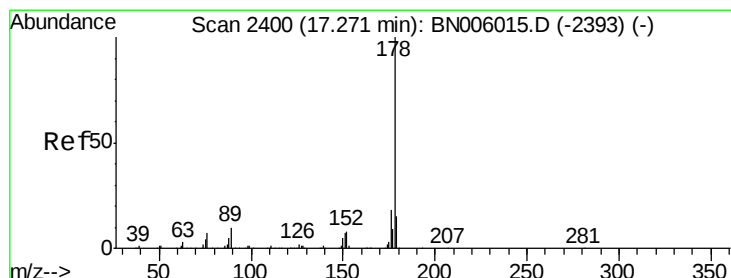
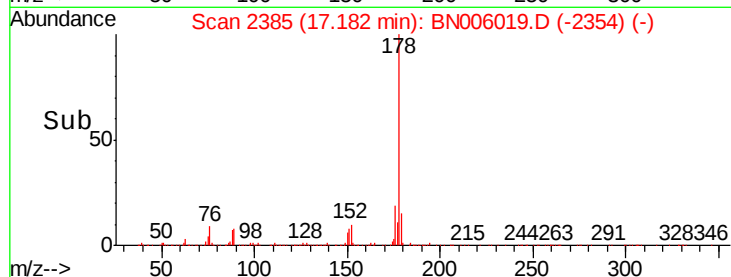
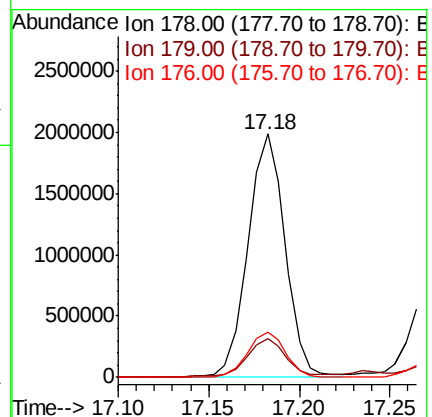
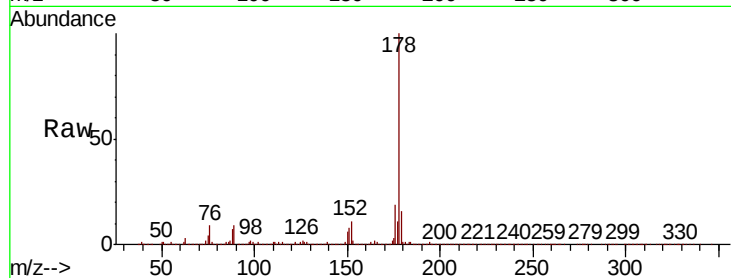
176 18.8 15.1 22.7

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#71

Anthracene

Concen: 9.333 ng/ul

RT: 17.27 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BN006019.D

Acq: 02 Jun 2019 07:15

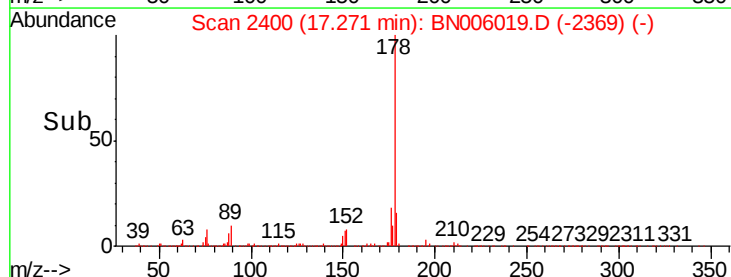
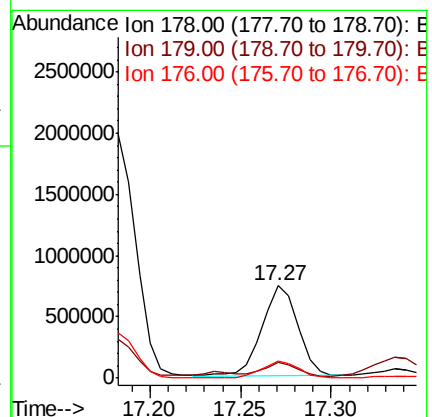
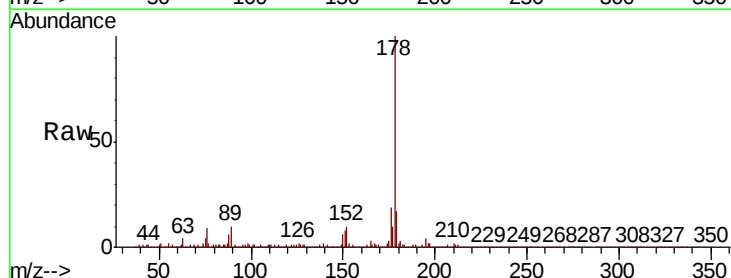
Tgt Ion:178 Resp: 1024072

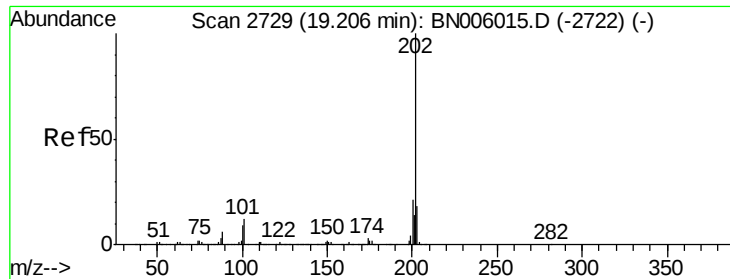
Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

176 18.6 15.1 22.7





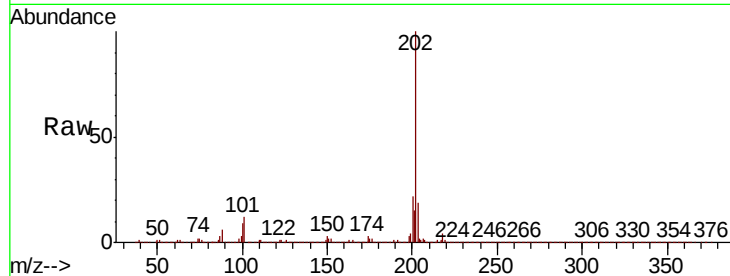
#76
 Fluoranthene
 Concen: 74.098 ng/ul
 RT: 19.22 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN006019.D
 Acq: 02 Jun 2019 07:15

Instrument :
 BNA_N
 ClientSampleId :
 A42C9DL

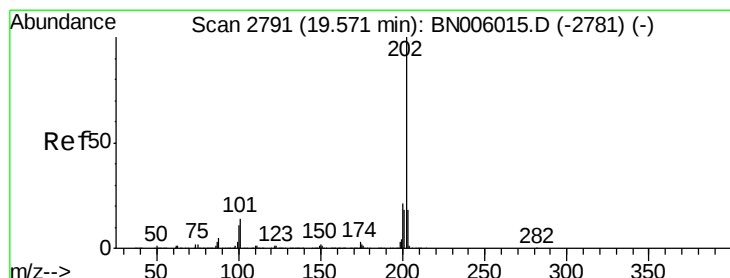
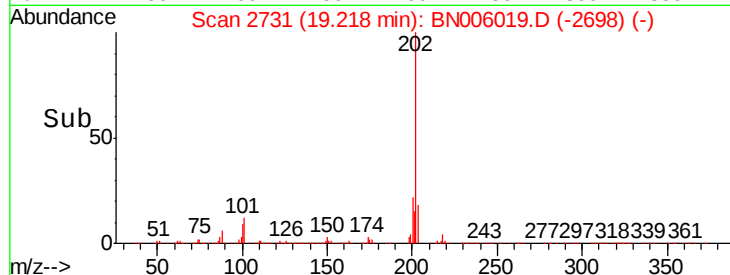
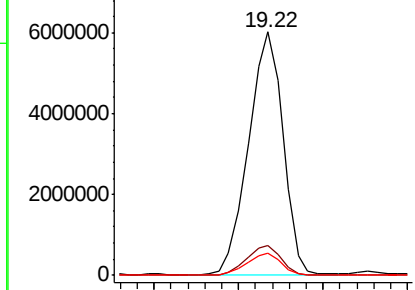
Tot	Ion:202	Resp: 8549065	
Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.6	12.8
100	8.9	6.3	9.5

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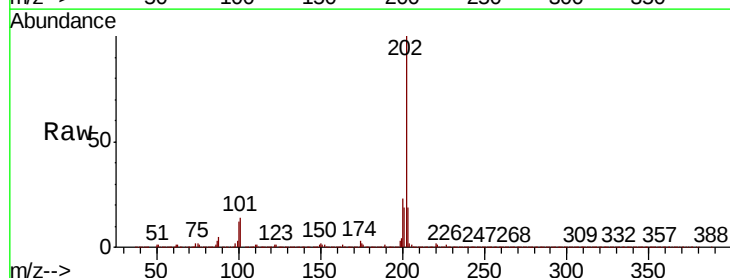


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

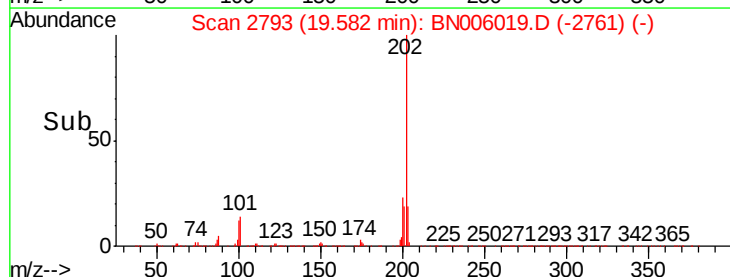
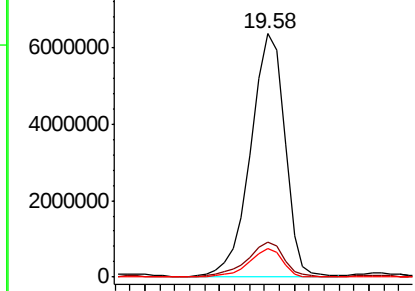


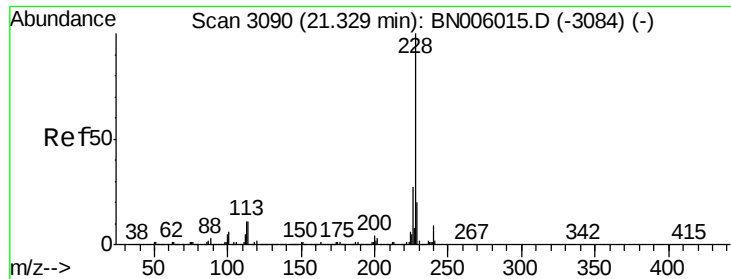
#79
 Pyrene
 Concen: 120.660 ng/ul
 RT: 19.58 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BN006019.D
 Acq: 02 Jun 2019 07:15

Tgt	Ion:202	Resp:10000996	
Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.6	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: 65.998 ng/ul

RT: 21.34 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BN006019.D

Acq: 02 Jun 2019 07:15

Instrument :

BNA_N

ClientSampleId :

A42C9DL

Tot Ion:228 Resp: 5428527

Ion Ratio Lower Upper

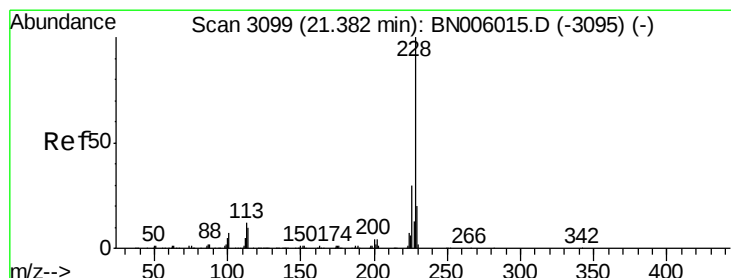
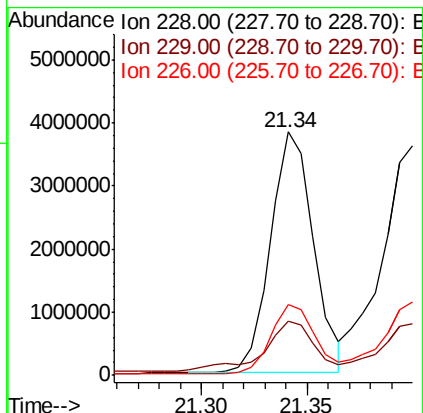
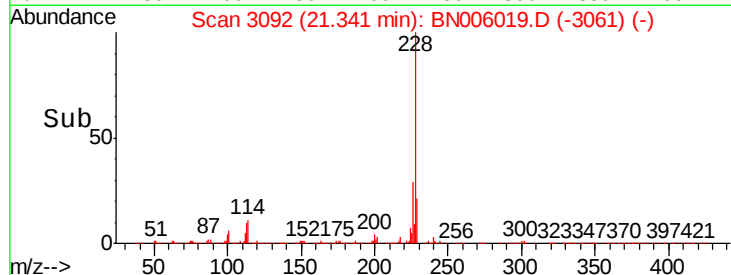
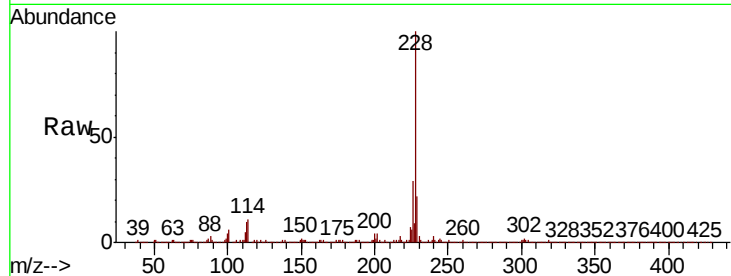
228 100

229 22.0 15.8 23.6

226 29.2 21.4 32.2

Manual Integrations
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#84

Chrysene

Concen: 72.022 ng/ul

RT: 21.40 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN006019.D

Acq: 02 Jun 2019 07:15

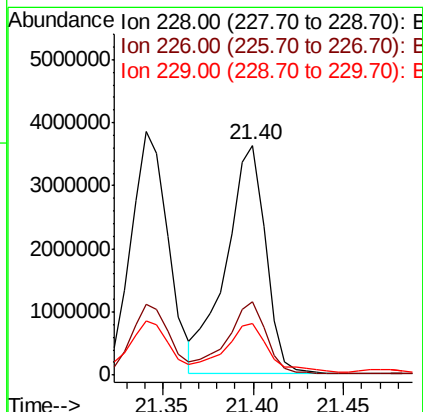
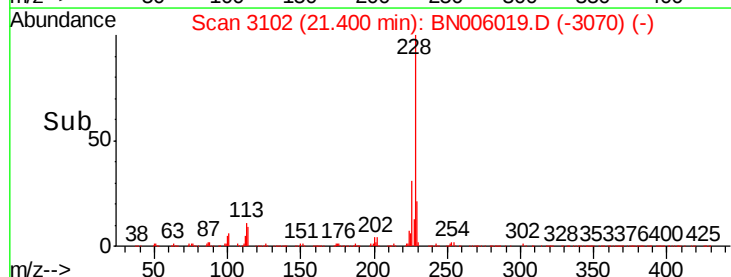
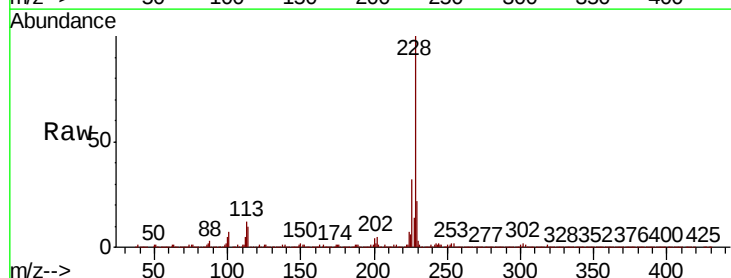
Tgt Ion:228 Resp: 5525195

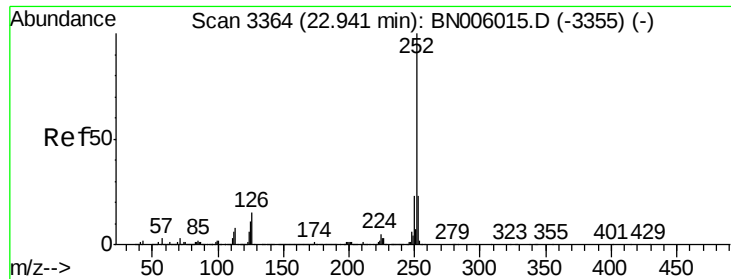
Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

229 22.2 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 57.186 ng/ul

RT: 22.97 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN006019.D

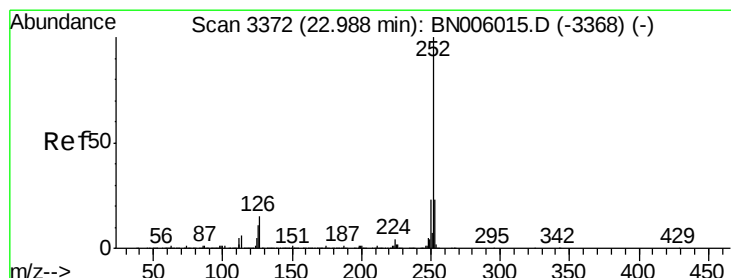
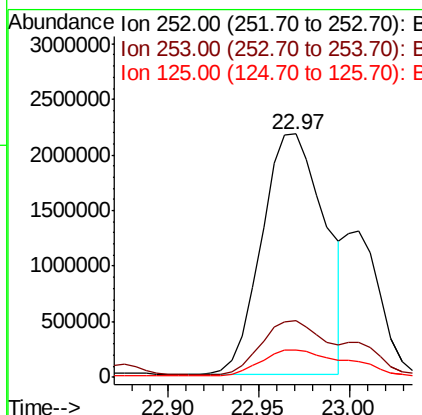
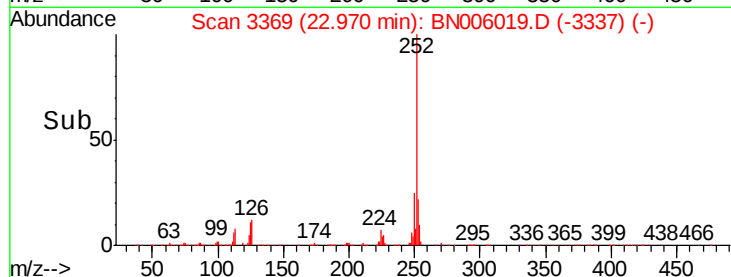
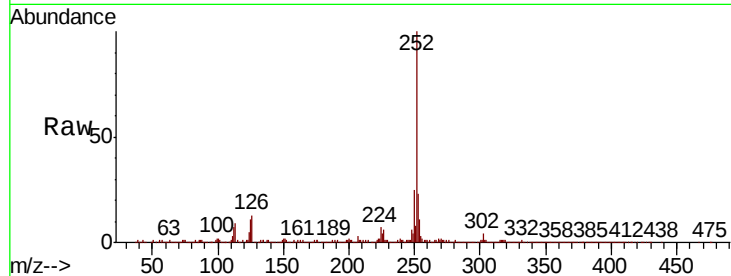
Acq: 02 Jun 2019 07:15

Instrument :
BNA_N
ClientSampled :
A42C9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.1	8.4	12.6

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#88

Benzo(k)fluoranthene

Concen: 20.120 ng/ul m

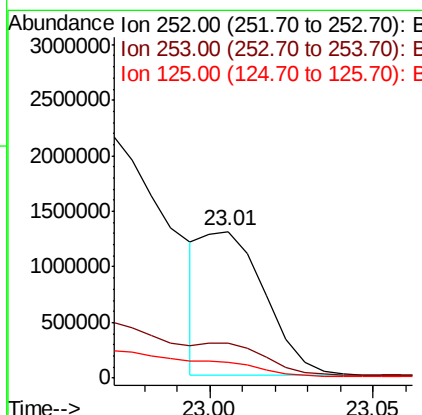
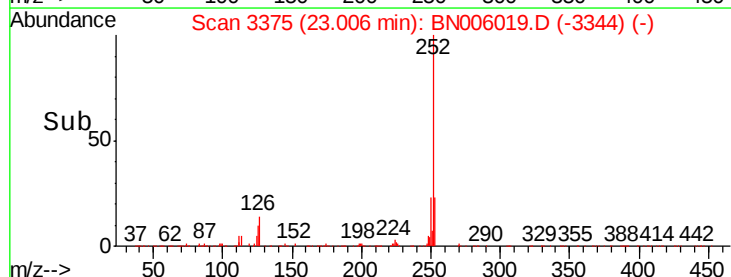
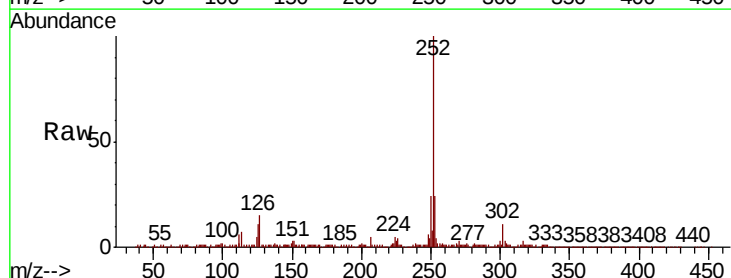
RT: 23.01 min Scan# 3375

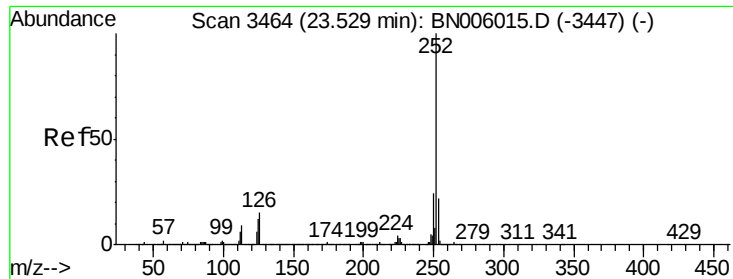
Delta R.T. -0.02 min

Lab File: BN006019.D

Acq: 02 Jun 2019 07:15

Tgt Ion	Ratio	Lower	Upper
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253	24.3	17.4	26.0
125	11.0	7.5	11.3





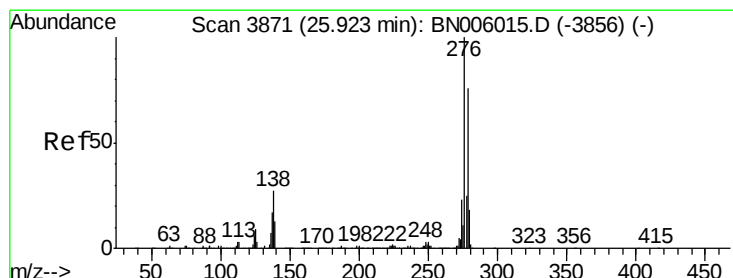
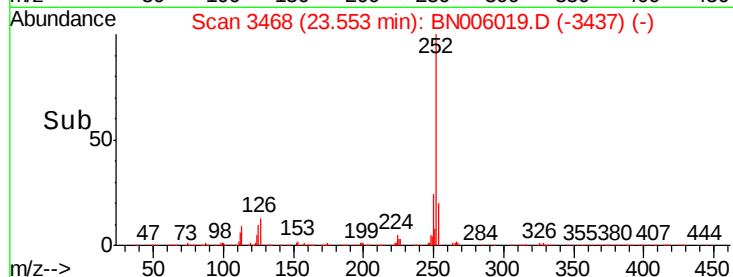
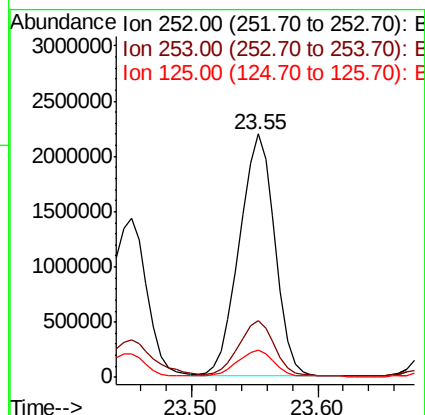
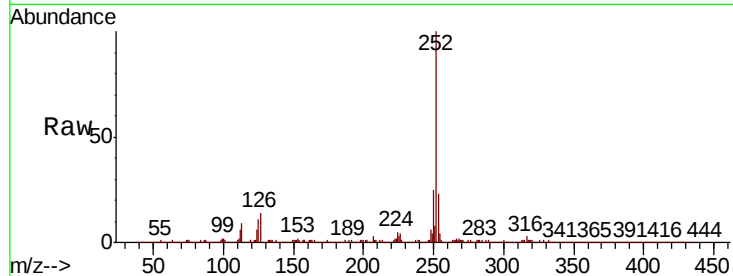
#90
Benzo(a)pyrene
Concen: 48.616 ng/ul
RT: 23.55 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Instrument :
BNA_N
ClientSampled :
A42C9DL

Tot Ion:252 Resp: 4231718
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.0 8.6 13.0

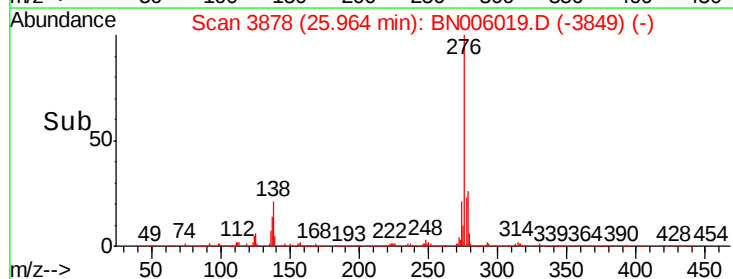
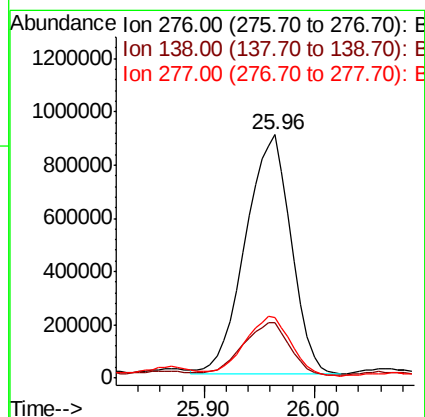
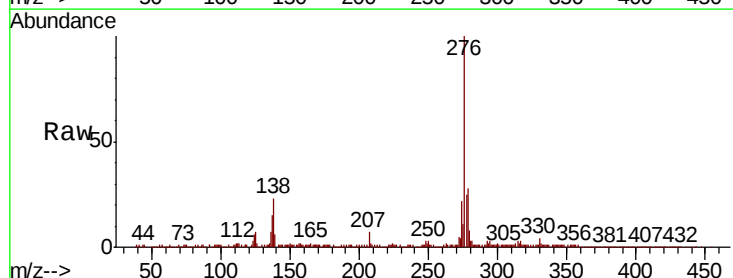
Manual Integrations
APPROVED

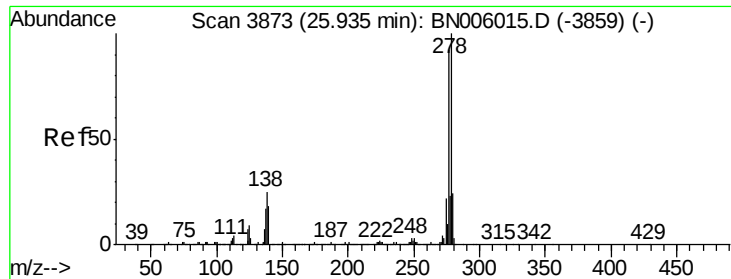
Sohil
6/4/2019 8:38:37 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 25.471 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. -0.03 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion:276 Resp: 2601615
Ion Ratio Lower Upper
276 100
138 22.6 17.9 26.9
277 24.7 19.7 29.5





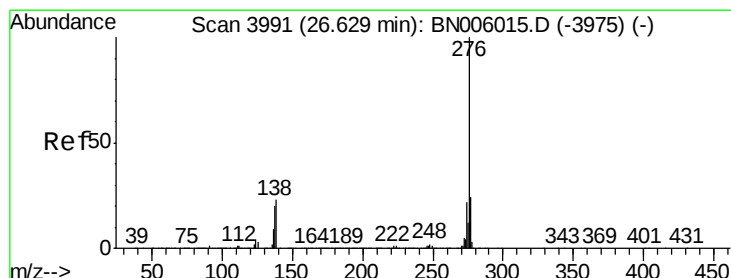
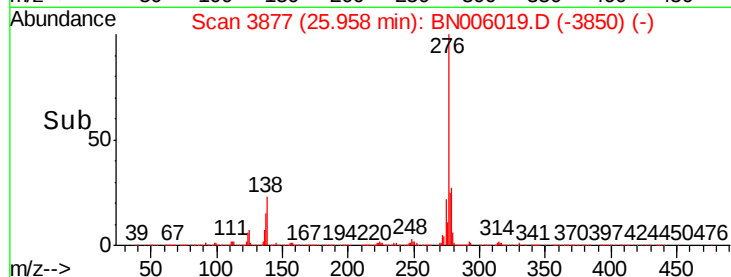
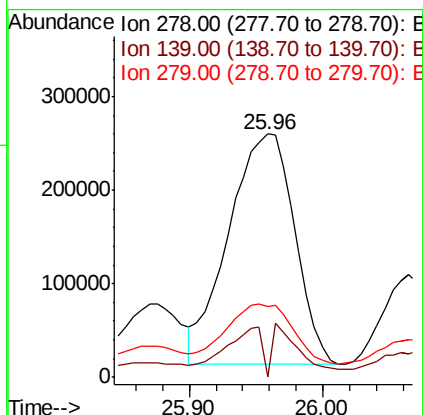
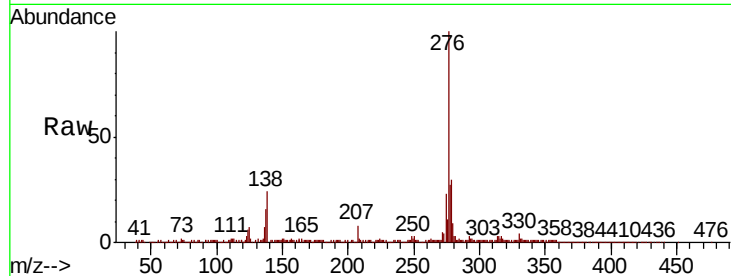
#92
Dibenzo(a,h)anthracene
Concen: 9.925 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. -0.04 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Instrument :
BNA_N
ClientSampleId :
A42C9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	29.3	19.4	29.0#

Manual Integrations
APPROVED

Sohil
6/4/2019 8:38:37 AM



#93
Benzo(g,h,i)perylene
Concen: 26.015 ng/ul
RT: 26.67 min Scan# 3998
Delta R.T. -0.03 min
Lab File: BN006019.D
Acq: 02 Jun 2019 07:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.7	25.1
277	25.9	18.2	27.2

