

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004309.D
 Acq On : 02 Jan 2019 14:00
 Operator : JU/SJ
 Sample : J6428-02
 Misc : GCMS Confirmation
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T5

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:42:24 PM

Quant Time: Jan 02 15:10:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	28108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	132448	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	85912	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	196444	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	193358	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	173313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
28) Naphthalene	10.66	128	8168	1.149	ng/ul	99
49) Acenaphthene	14.52	153	14071	2.280	ng/ul	97
53) Dibenzofuran	14.86	168	13092	1.494	ng/ul	99
58) Fluorene	15.50	166	17624	2.416	ng/ul	98
69) Phenanthrene	17.25	178	275315	24.256	ng/ul	99
71) Anthracene	17.34	178	44791	3.850	ng/ul	99
76) Fluoranthene	19.27	202	422522	30.370	ng/ul	99
79) Pyrene	19.63	202	290067	26.852	ng/ul	98
82) Benzo(a)anthracene	21.38	228	166300	13.792	ng/ul	100
84) Chrysene	21.43	228	156156	13.827	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	157177	15.139	ng/ul#	97
88) Benzo(k)fluoranthene	23.06	252	56135m	5.774	ng/ul	
90) Benzo(a)pyrene	23.62	252	13684	1.369	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	26.08	276	34440	2.643	ng/ul	98
92) Dibenzo(a,h)anthracene	26.08	278	15759	1.455	ng/ul#	94
93) Benzo(g,h,i)perylene	26.80	276	11746	1.077	ng/ul	98

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

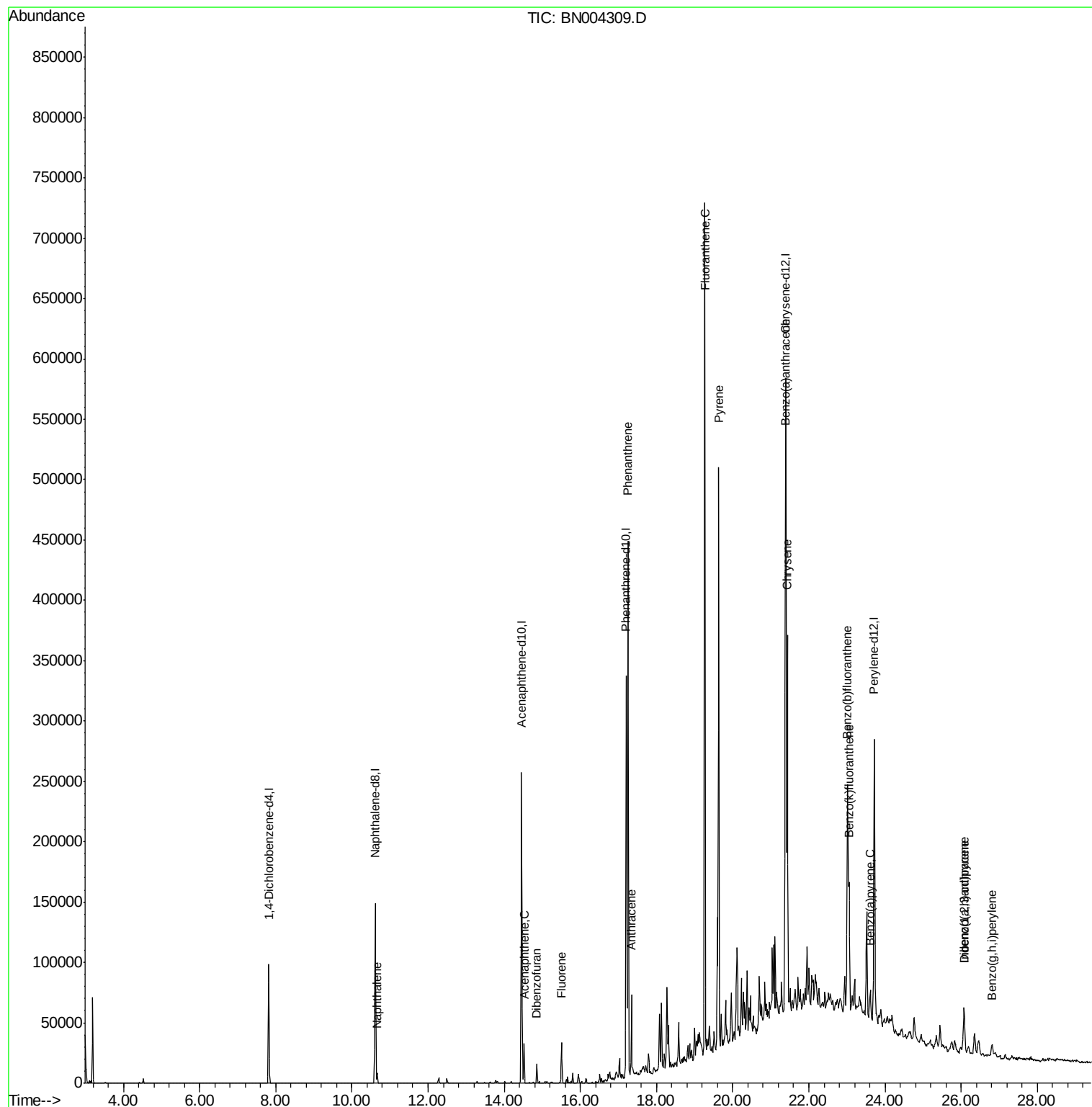
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004309.D
Acq On : 02 Jan 2019 14:00
Operator : JU/SJ
Sample : J6428-02
Misc : GCMS Confirmation
ALS Vial : 6 Sample Multiplier: 1

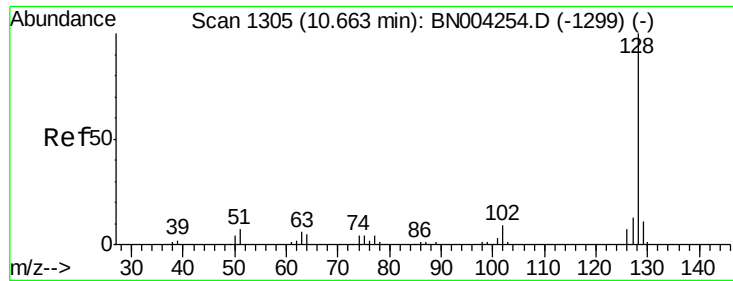
Instrument :
BNA_N
ClientSampleId :
A41T5

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1/2/2019 3:42:24 PM

Quant Time: Jan 02 15:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.149 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Instrument :

BNA_N

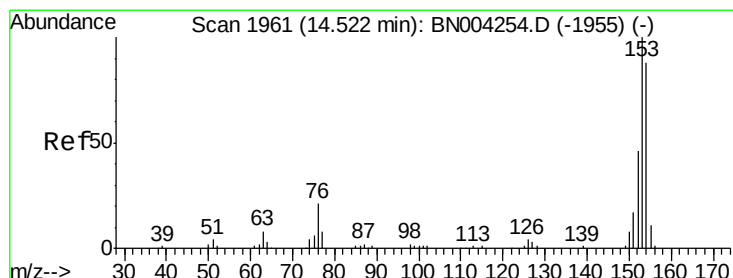
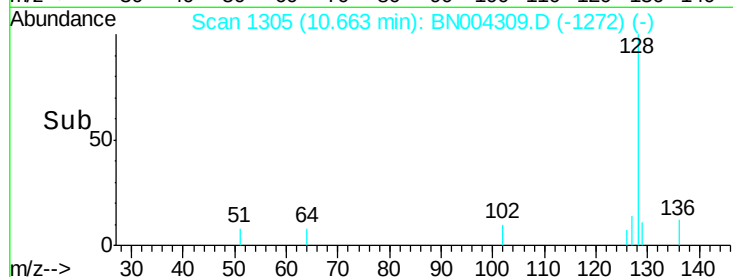
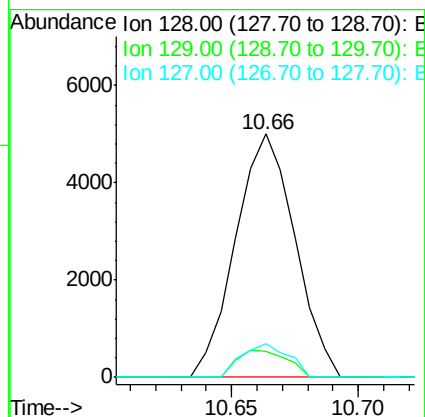
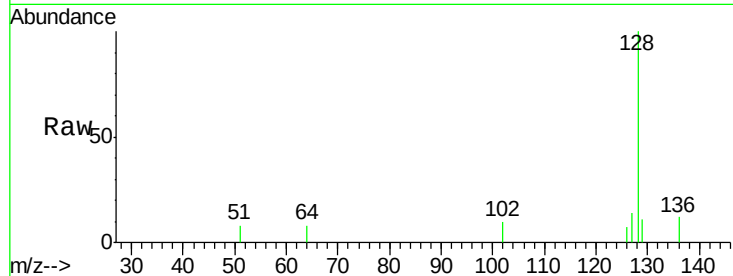
ClientSampleId :

A41T5

Tgt Ion:	128	Resp:	8168
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	13.8	10.6	16.0

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#49

Acenaphthene

Concen: 2.280 ng/ul

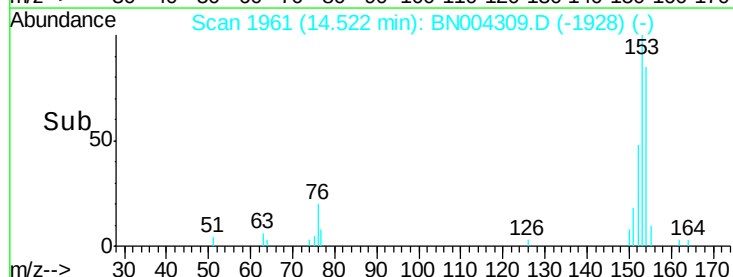
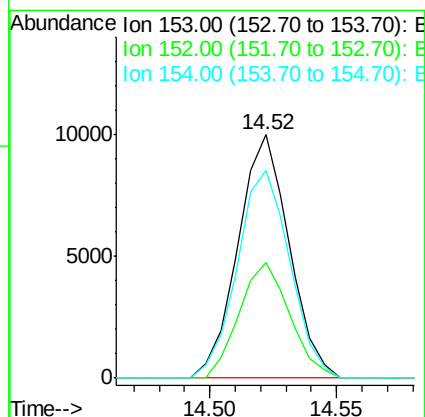
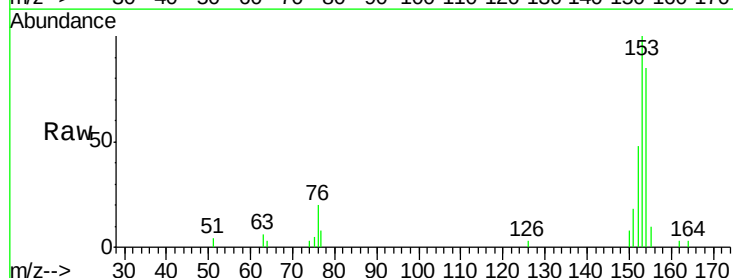
RT: 14.52 min Scan# 1961

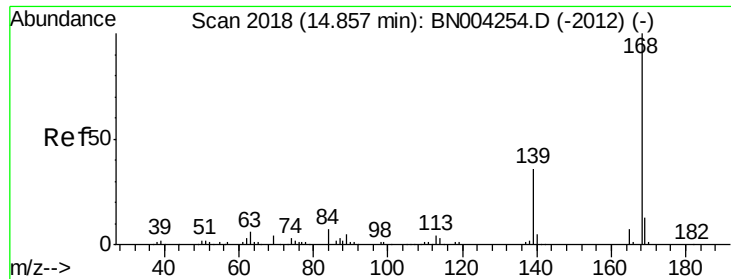
Delta R.T. -0.01 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Tgt Ion:	153	Resp:	14071
Ion Ratio	Lower	Upper	
153	100		
152	47.7	37.8	56.6
154	85.1	71.0	106.6





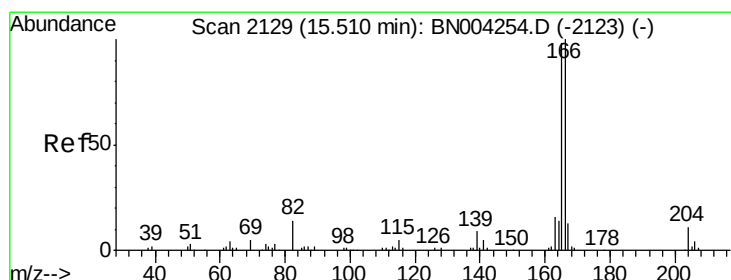
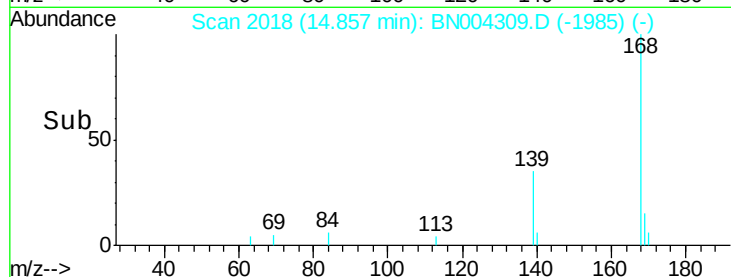
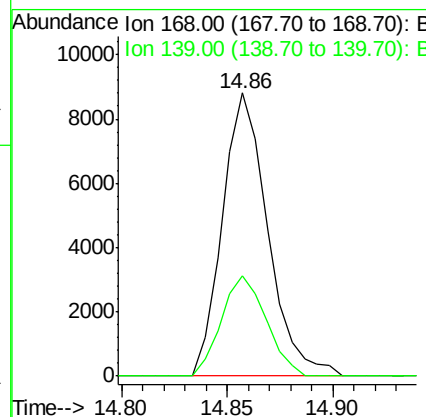
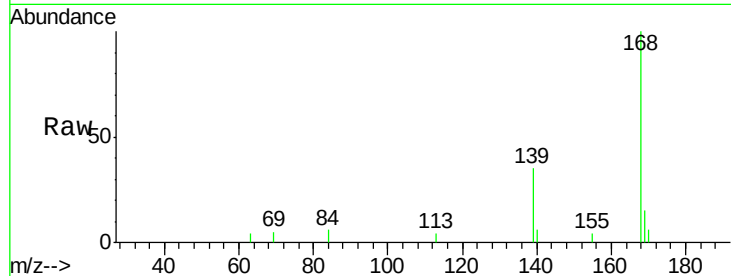
#53
Dibenzenofuran
Concen: 1.494 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004309.D
Acq: 02 Jan 2019 14:00

Instrument :
BNA_N
ClientSampled :
A41T5

Tgt Ion:168 Resp: 13092
Ion Ratio Lower Upper
168 100
139 35.5 28.8 43.2

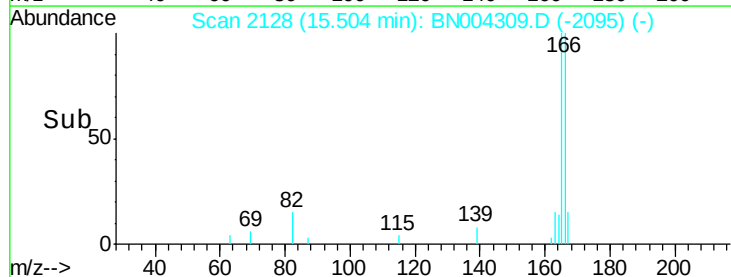
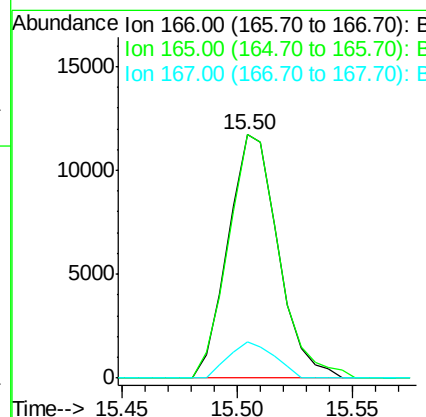
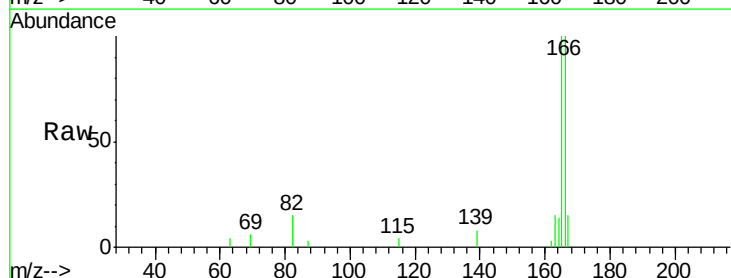
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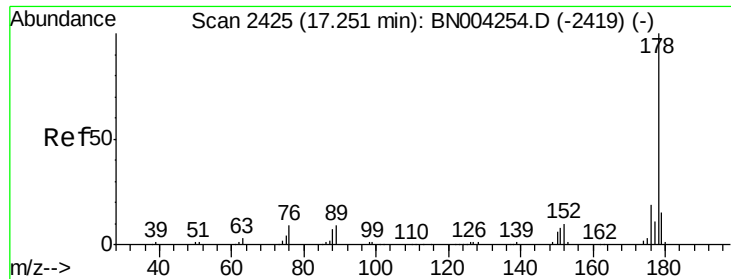
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#58
Fluorene
Concen: 2.416 ng/ul
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BN004309.D
Acq: 02 Jan 2019 14:00

Tgt Ion:166 Resp: 17624
Ion Ratio Lower Upper
166 100
165 100.1 78.6 117.8
167 14.8 10.3 15.5





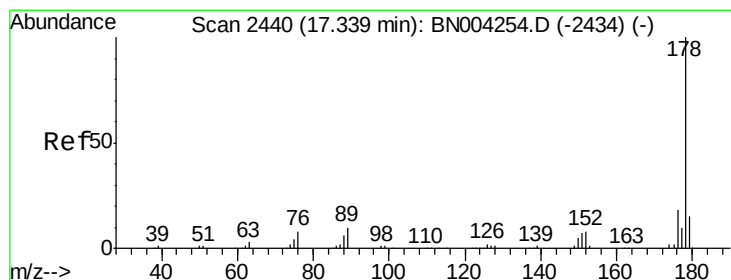
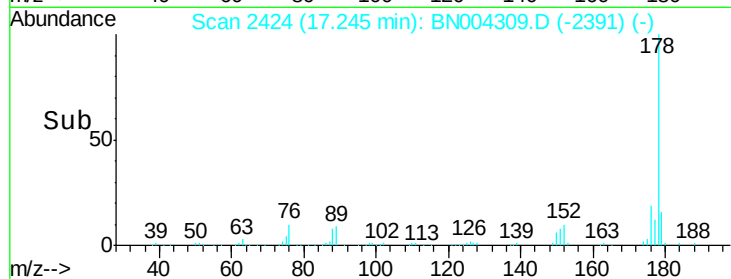
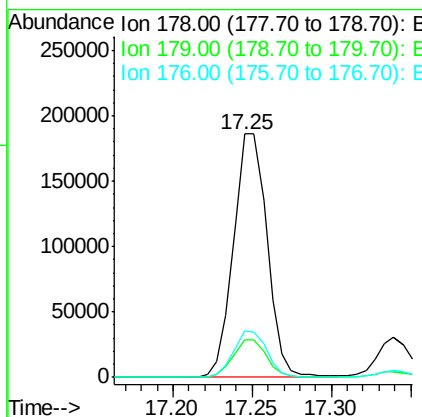
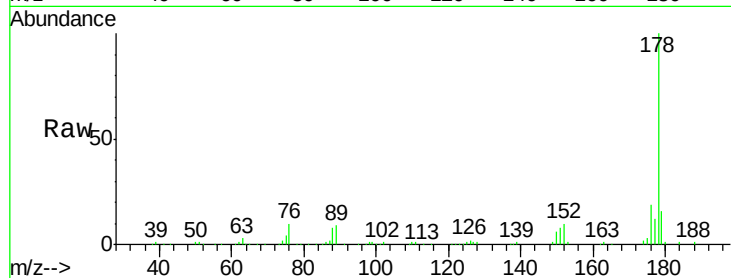
#69
 Phenanthrene
 Concen: 24.256 ng/ul
 RT: 17.25 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BN004309.D
 Acq: 02 Jan 2019 14:00

Instrument :
 BNA_N
 ClientSampled :
 A41T5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.0	15.0	22.6

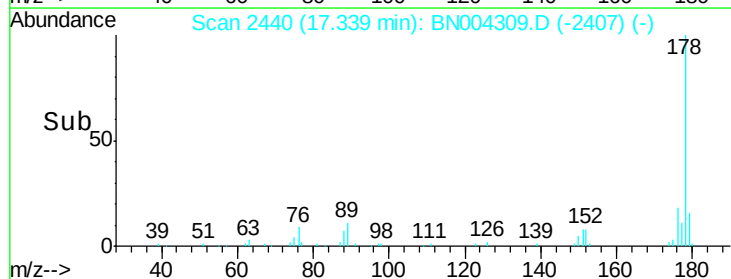
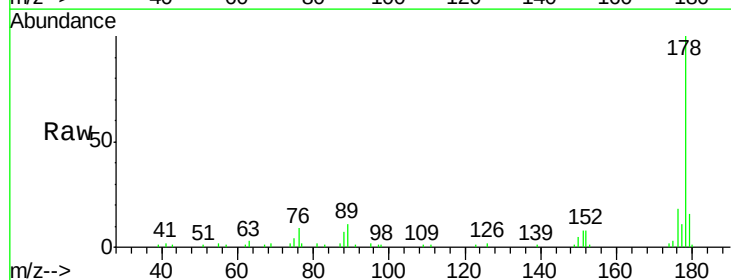
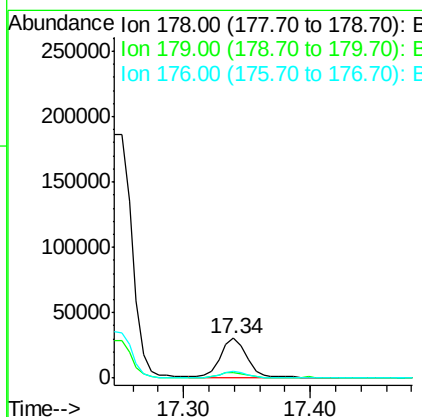
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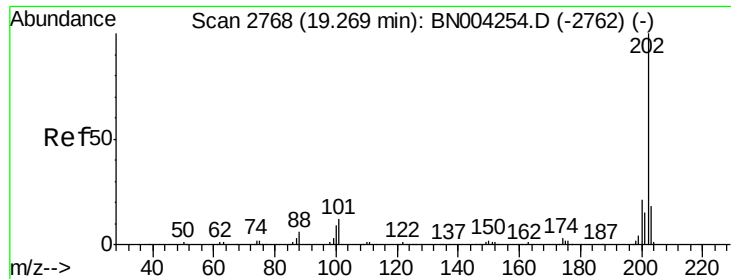
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#71
 Anthracene
 Concen: 3.850 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004309.D
 Acq: 02 Jan 2019 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.4	15.2	22.8





#76

Fluoranthene

Concen: 30.370 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Instrument :

BNA_N

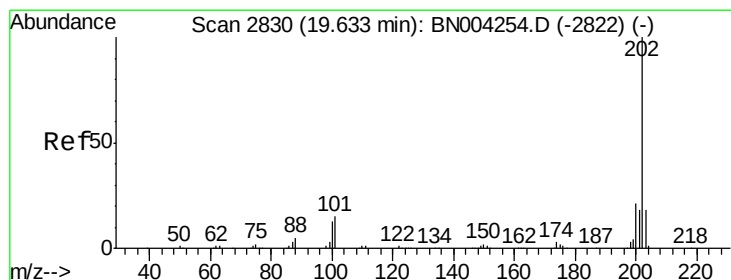
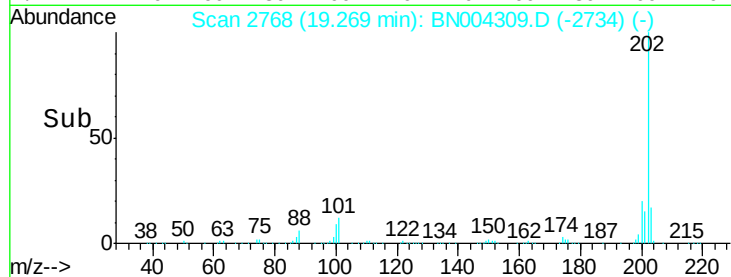
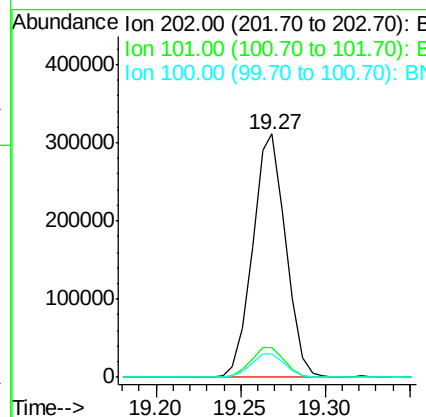
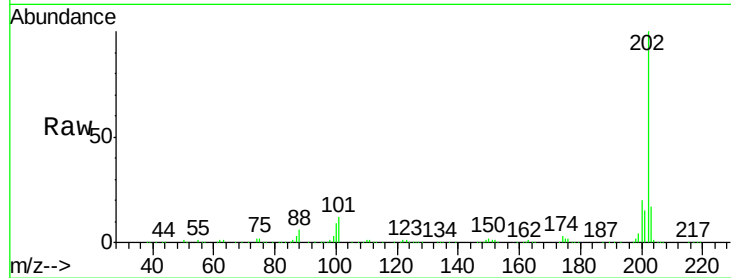
ClientSampled :

A41T5

Tgt Ion:	202	Resp:	422522
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.2	15.2
100	9.4	7.8	11.8

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#79

Pyrene

Concen: 26.852 ng/ul

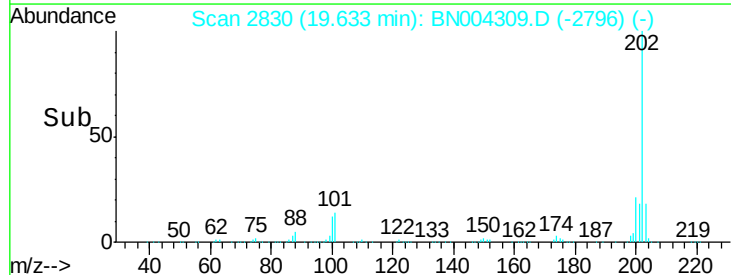
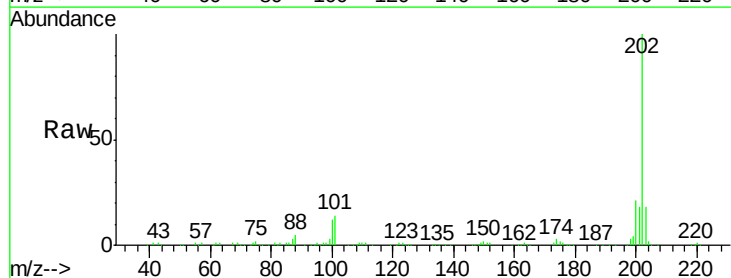
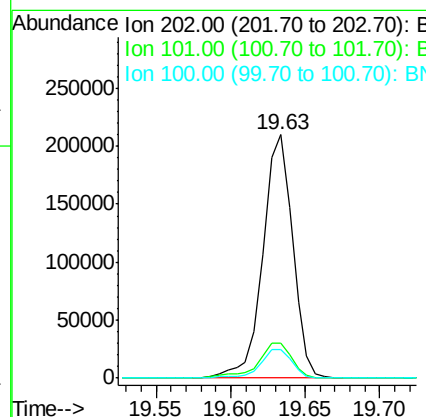
RT: 19.63 min Scan# 2830

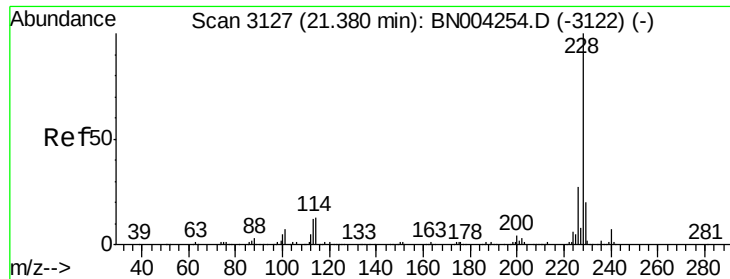
Delta R.T. 0.00 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Tgt Ion:	202	Resp:	290067
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.2	18.2
100	11.7	9.9	14.9





#82

Benzo(a)anthracene

Concen: 13.792 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Instrument :

BNA_N

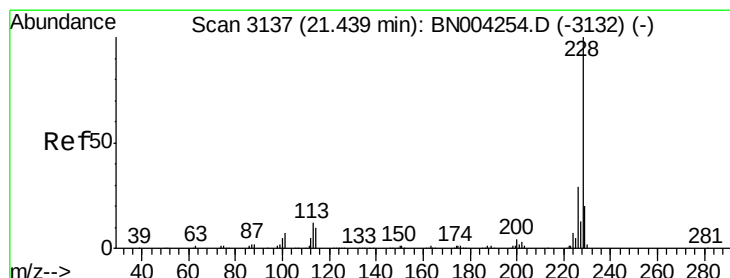
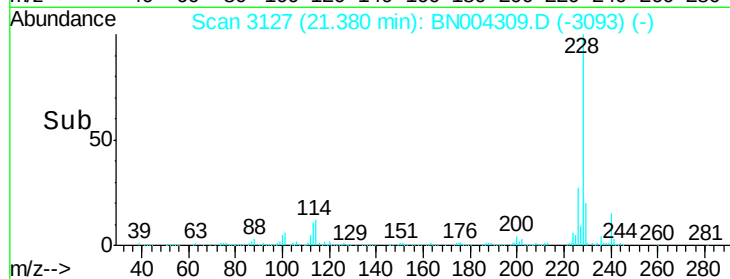
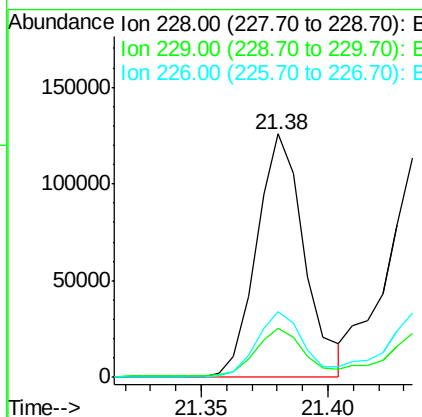
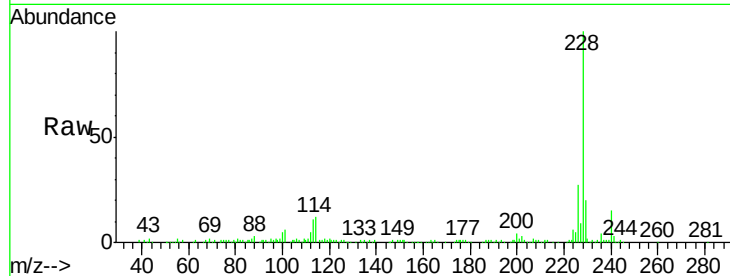
ClientSampleId :

A41T5

Tgt Ion:	228	Resp:	166300
Ion Ratio		Lower	Upper
228	100		
229	20.2	15.9	23.9
226	26.9	21.4	32.2

Manual Integrations
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#84

Chrysene

Concen: 13.827 ng/ul

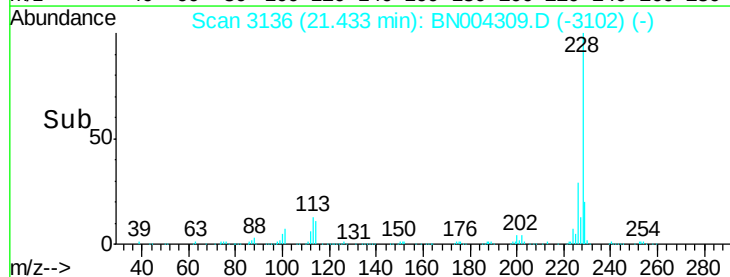
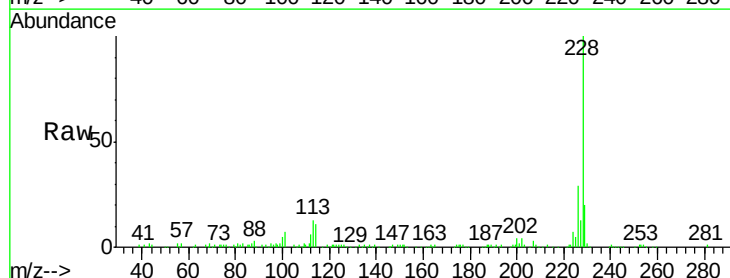
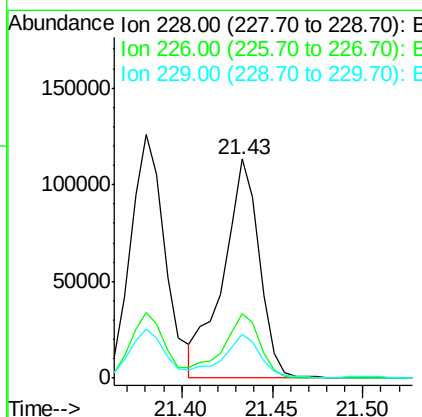
RT: 21.43 min Scan# 3136

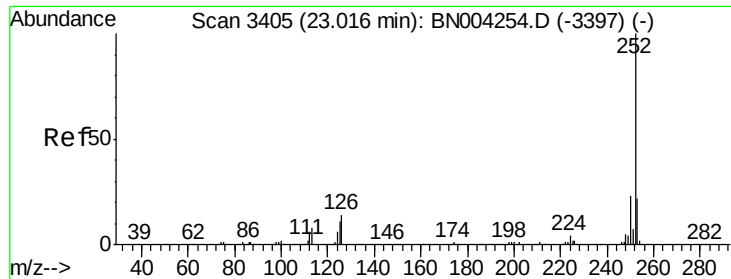
Delta R.T. 0.00 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Tgt Ion:	228	Resp:	156156
Ion Ratio		Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.0	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 15.139 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Instrument :

BNA_N

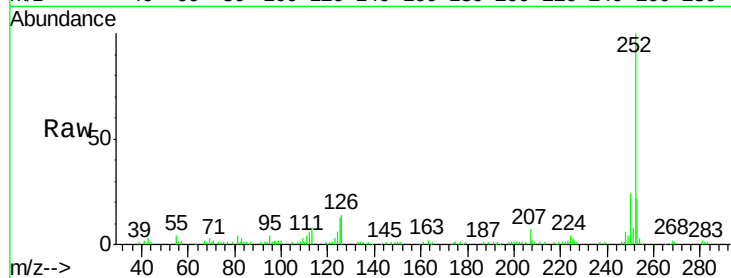
ClientSampled :

A41T5

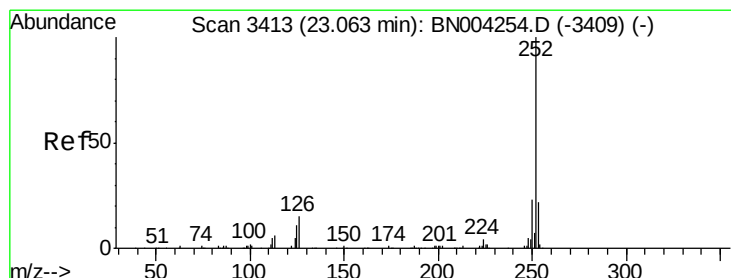
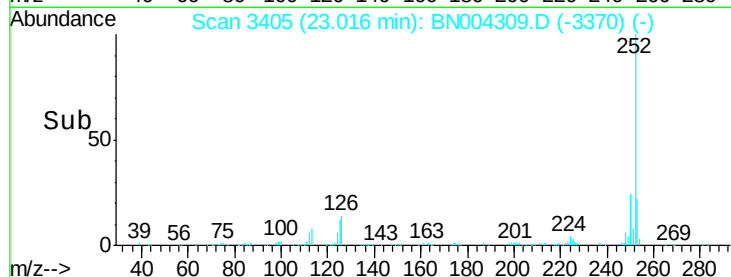
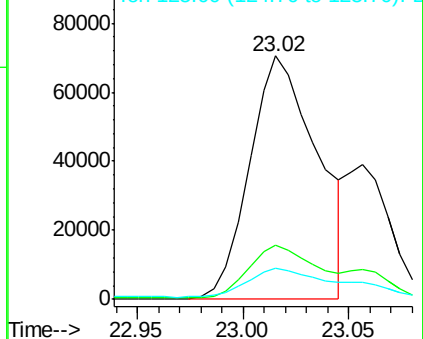
Tgt Ion:	252	Resp:	157177
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	12.8	8.2	12.4

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: 5.774 ng/ul m

RT: 23.06 min Scan# 3412

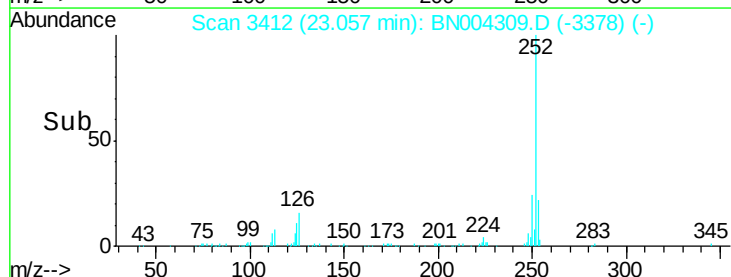
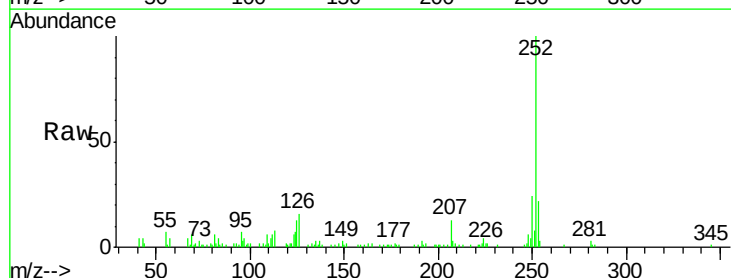
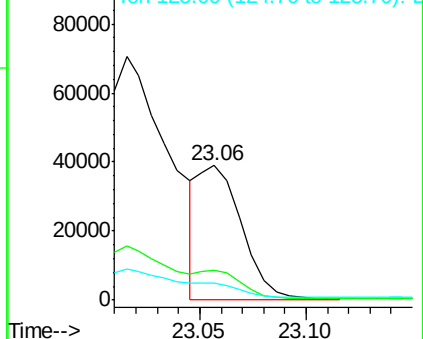
Delta R.T. 0.00 min

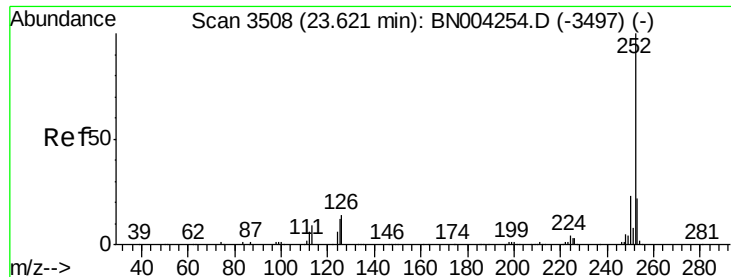
Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Tgt Ion:	252	Resp:	56135
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	12.8	7.9	11.9

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





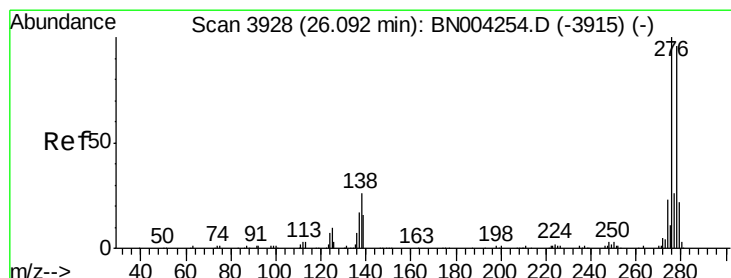
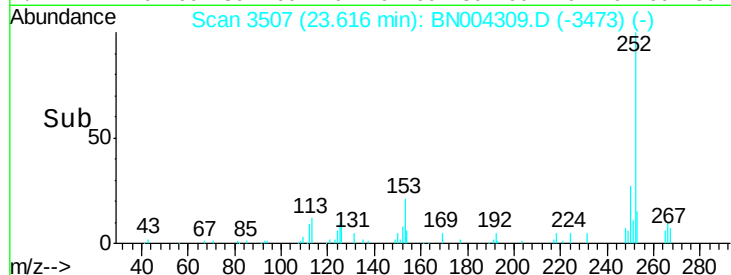
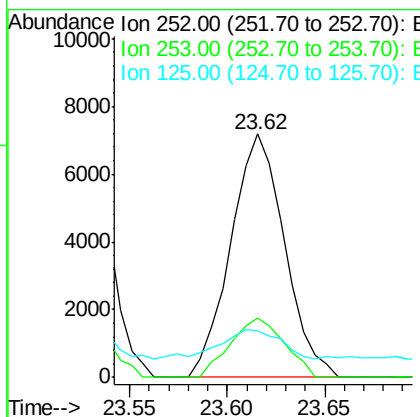
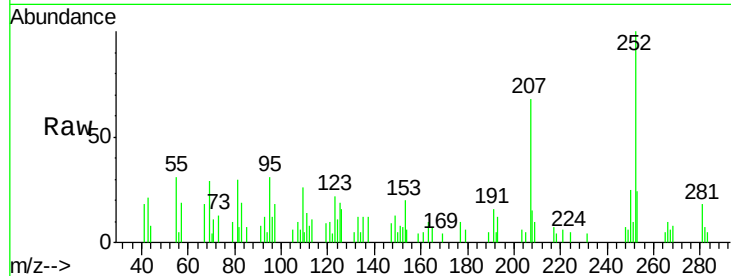
#90
Benzo(a)pyrene
Concen: 1.369 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN004309.D
Acq: 02 Jan 2019 14:00

Instrument :
BNA_N
ClientSampled :
A41T5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	19.2	9.1	13.7#

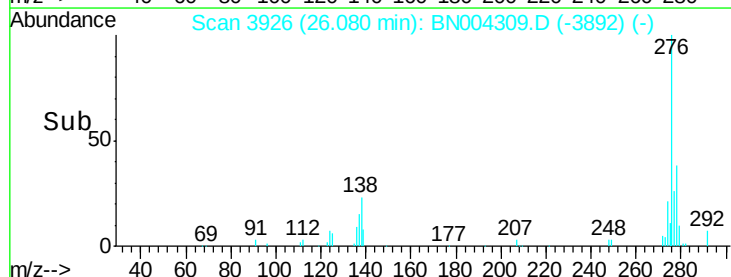
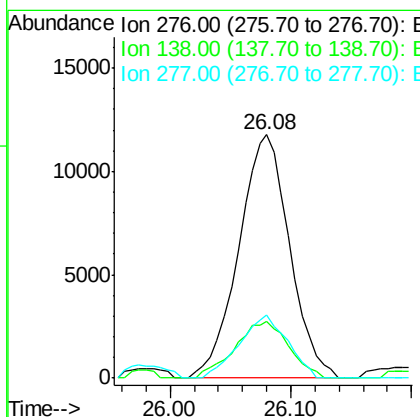
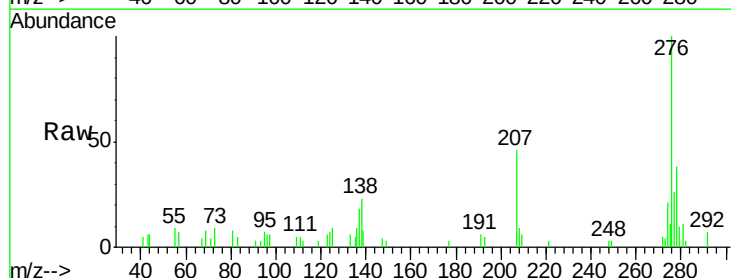
Manual Integrations
APPROVED

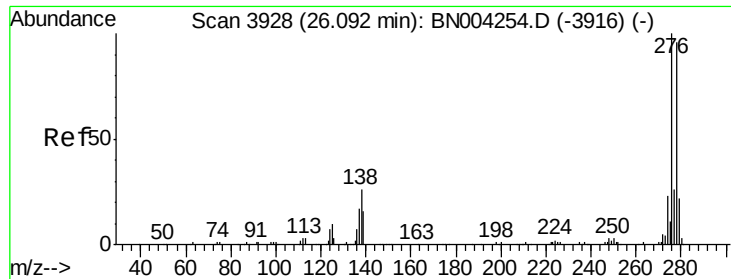
Sohil
1/2/2019 3:42:24 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.643 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BN004309.D
Acq: 02 Jan 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.4	30.6
277	25.7	20.6	30.8





#92

Dibenzo(a,h)anthracene

Concen: 1.455 ng/ul

RT: 26.08 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Instrument :

BNA_N

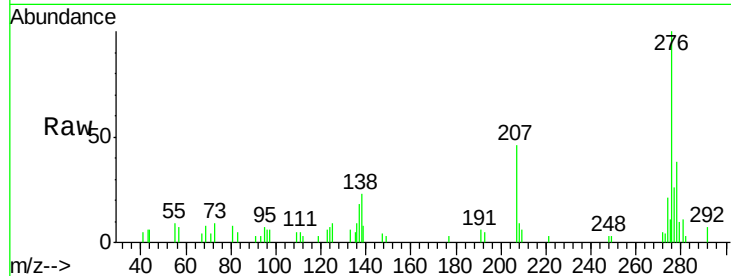
ClientSampleId :

A41T5

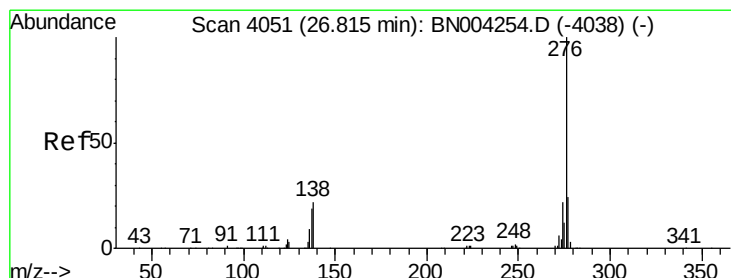
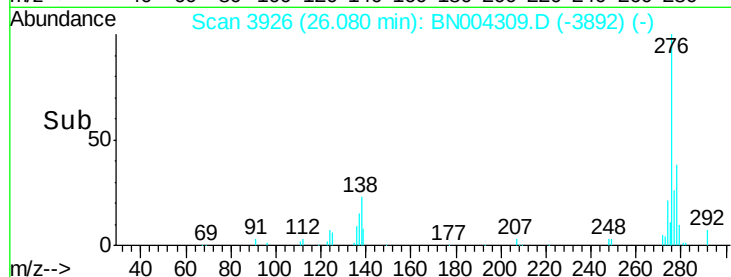
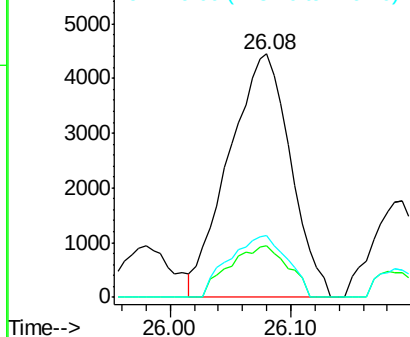
Tgt Ion:	278	Resp:	15759
Ion Ratio	Lower	Upper	
278	100		
139	21.0	13.3	19.9#
279	25.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 3:42:24 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 1.077 ng/ul

RT: 26.80 min Scan# 4049

Delta R.T. -0.01 min

Lab File: BN004309.D

Acq: 02 Jan 2019 14:00

Tgt Ion:	276	Resp:	11746
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.2	27.4
277	24.2	19.0	28.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

