

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002122.D
 Acq On : 24 Jul 2018 00:49
 Operator : JU/SJ
 Sample : J4038-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DB1L9

Manual Integrations
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Quant Time: Jul 24 04:16:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 02:24:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	271224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1222595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	717811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1600200	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1449320	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1211397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12006	2.00	ng/uL	0.00
5) Phenol-d5	6.88	99	336231	13.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	212181	13.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	277121	13.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	252371	12.27	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	144104	14.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	160430	14.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	284180	13.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	244350	10.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	889295	14.62	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1139009	15.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	112699	9.70	ng/ul	0.00
57) Fluorene-d10	15.33	176	792621	15.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	83775	8.04	ng/ul	0.00
70) Anthracene-d10	17.17	188	1194070	15.30	ng/ul	0.00
78) Pyrene-d10	19.48	212	1299971	17.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1008001	15.41	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.90	94	47691	1.859 ng/ul	90
44) Dimethylphthalate	13.79	163	98092	1.646 ng/ul	99
69) Phenanthrene	17.12	178	341703	3.802 ng/ul	100
76) Fluoranthene	19.15	202	1486111	15.583 ng/ul	98
79) Pyrene	19.50	202	1449815	15.589 ng/ul	99
80) Butylbenzylphthalate	20.42	149	68056	1.541 ng/ul	98
82) Benzo(a)anthracene	21.26	228	829816	8.989 ng/ul	99
84) Chrysene	21.32	228	902309	10.487 ng/ul	98
87) Benzo(b)fluoranthene	22.84	252	1161331	15.576 ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	359412m	5.074 ng/ul	
90) Benzo(a)pyrene	23.42	252	595853	8.411 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	378098	4.617 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.74	278	103646	1.512 ng/ul#	92
93) Benzo(g,h,i)perylene	26.42	276	208373	3.028 ng/ul	97

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

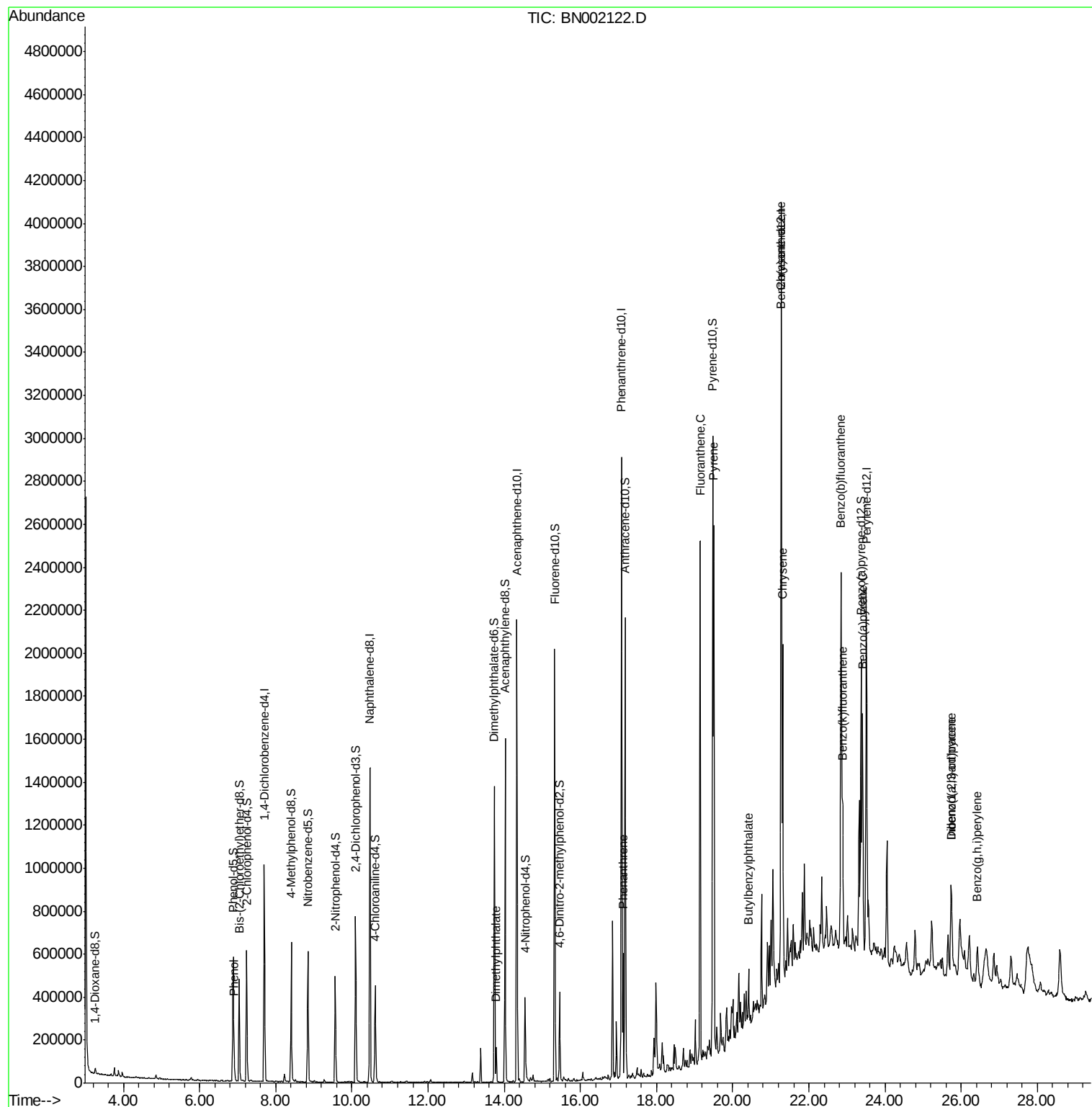
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
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Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

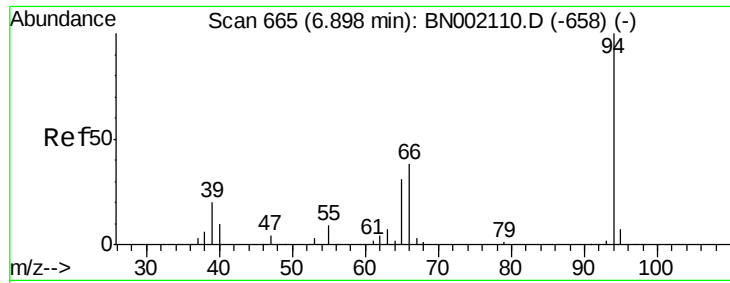
Instrument :
BNA_N
ClientSampled :
DB1L9

Quant Time: Jul 24 04:16:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 02:24:22 2018
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#6

Phenol

Concen: 1.859 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampled :

DB1L9

Tgt Ion: 94 Resp: 47691

Ion Ratio Lower Upper

94 100

65 30.6 21.0 31.6

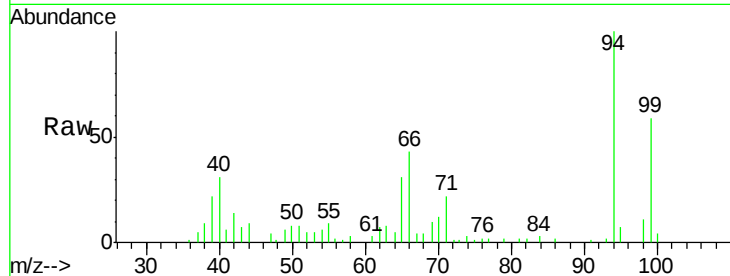
66 43.1 29.3 43.9

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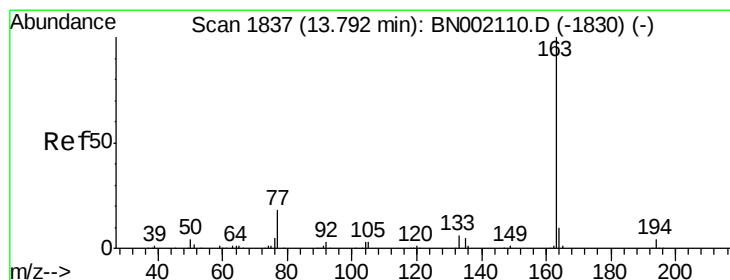
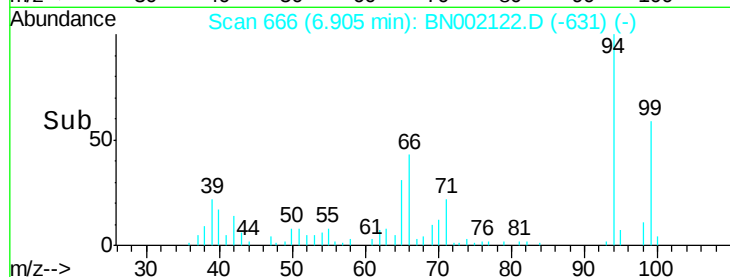
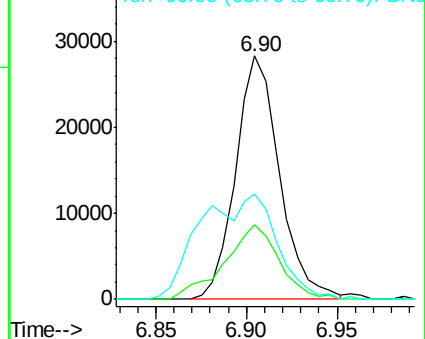
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Abundance Ion 94.00 (93.70 to 94.70): BN002110.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN002110.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN002110.D (-658) (-)



#44

Dimethylphthalate

Concen: 1.646 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

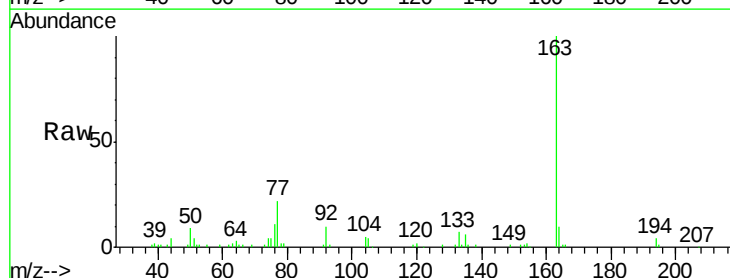
Tgt Ion: 163 Resp: 98092

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

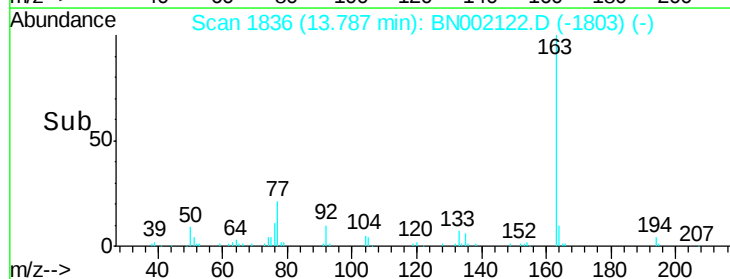
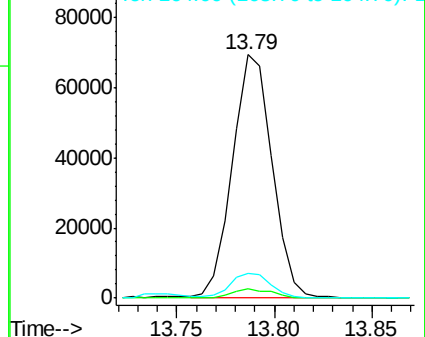
164 10.1 7.8 11.8

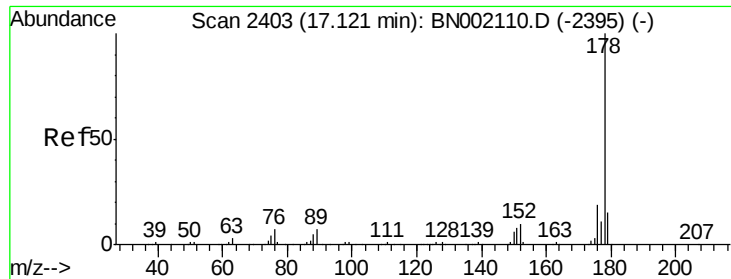


Abundance Ion 163.00 (162.70 to 163.70): BN002110.D (-1830) (-)

Ion 194.00 (193.70 to 194.70): BN002110.D (-1830) (-)

Ion 164.00 (163.70 to 164.70): BN002110.D (-1830) (-)





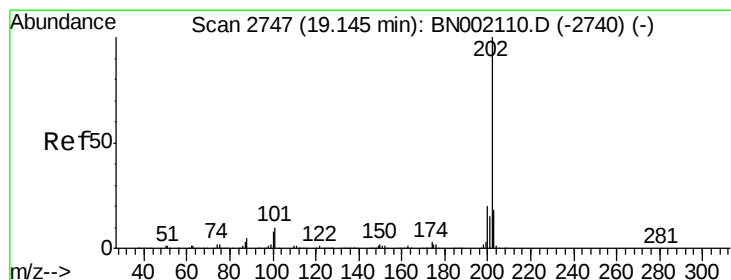
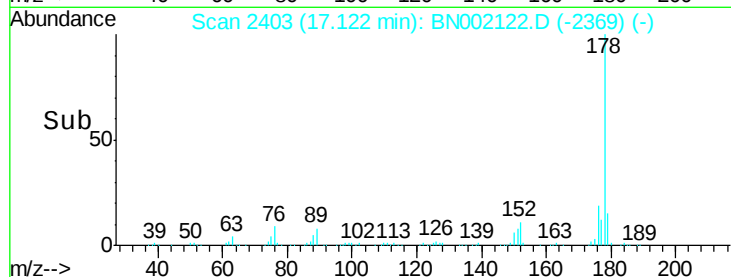
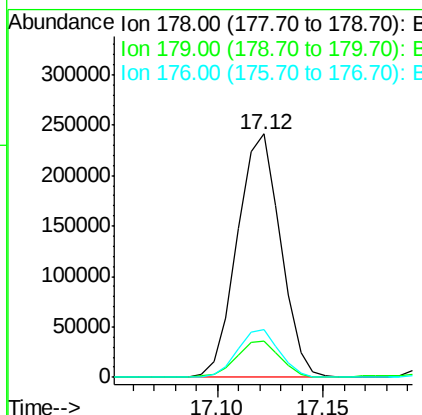
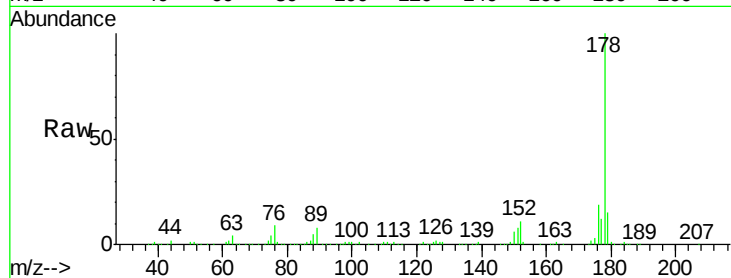
#69
Phenanthrene
Concen: 3.802 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN002122.D
Acq: 24 Jul 2018 00:49

Instrument :
BNA_N
ClientSampleId :
DB1L9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.5	15.6	23.4

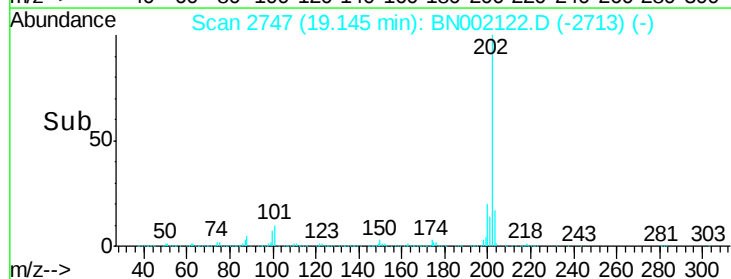
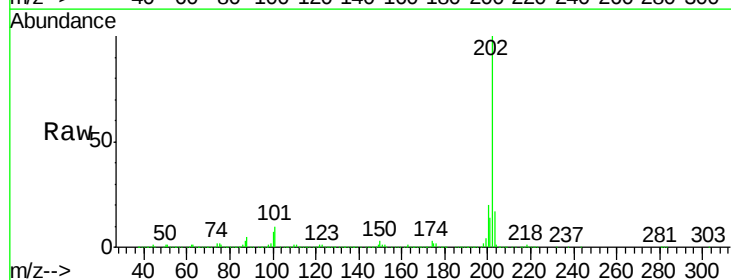
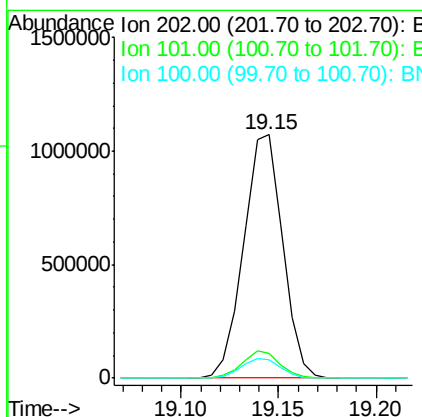
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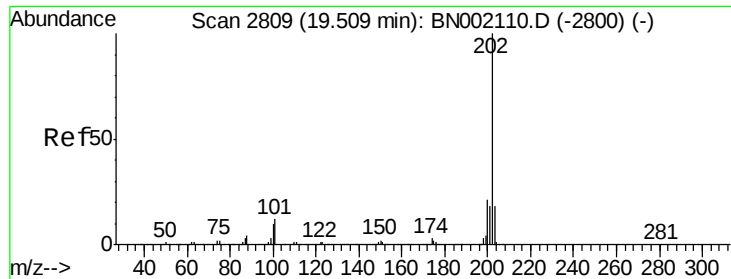
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#76
Fluoranthene
Concen: 15.583 ng/ul
RT: 19.15 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BN002122.D
Acq: 24 Jul 2018 00:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.3	6.6	9.8





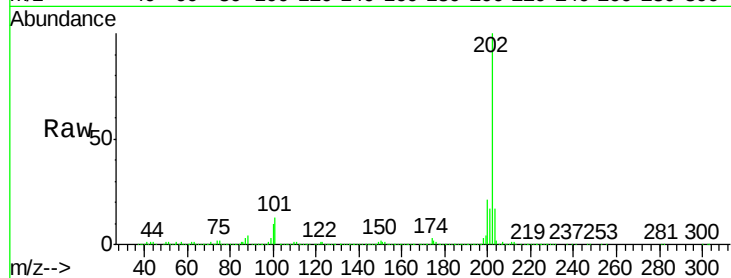
#79
 Pyrene
 Concen: 15.589 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BN002122.D
 Acq: 24 Jul 2018 00:49

Instrument :
 BNA_N
 ClientSampled :
 DB1L9

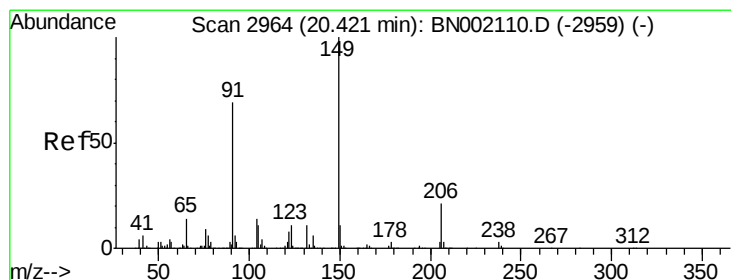
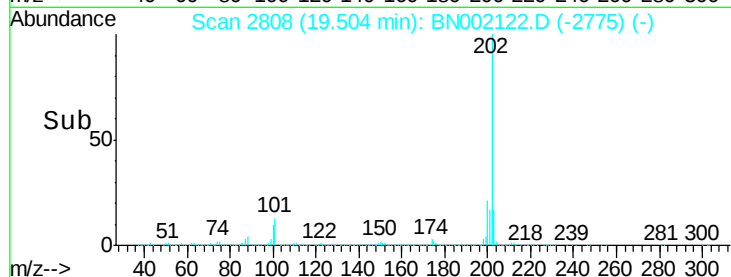
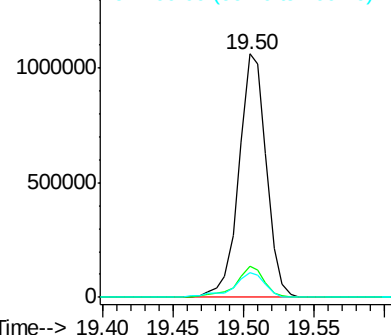
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	10.0	8.5	12.7

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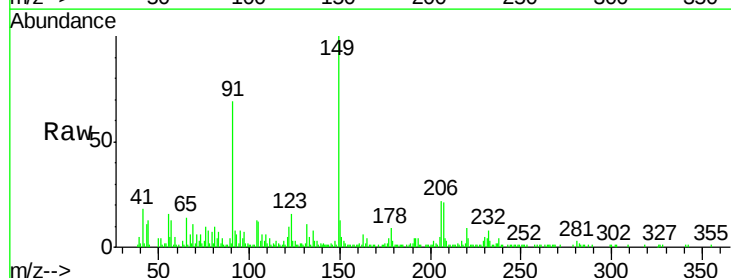


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

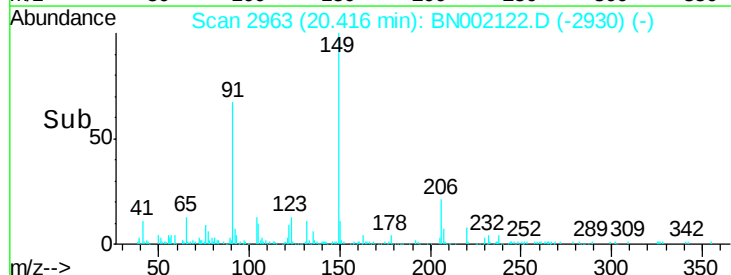
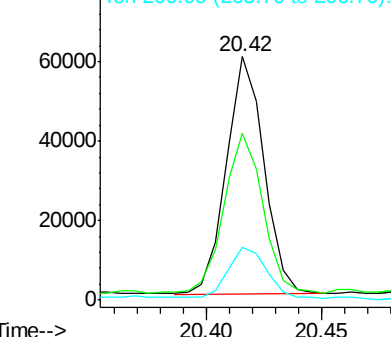


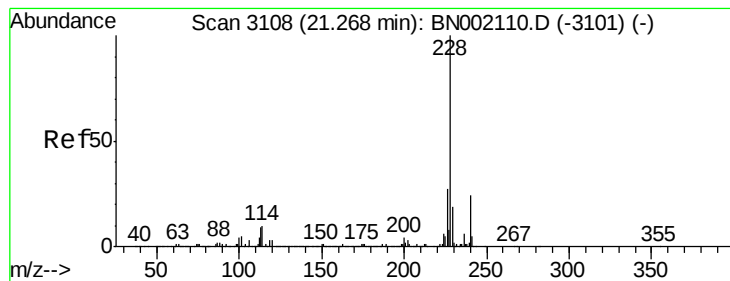
#80
 Butylbenzylphthalate
 Concen: 1.541 ng/ul
 RT: 20.42 min Scan# 2963
 Delta R.T. -0.01 min
 Lab File: BN002122.D
 Acq: 24 Jul 2018 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	53.4	80.2
206	21.5	16.6	24.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): B
 Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 8.989 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

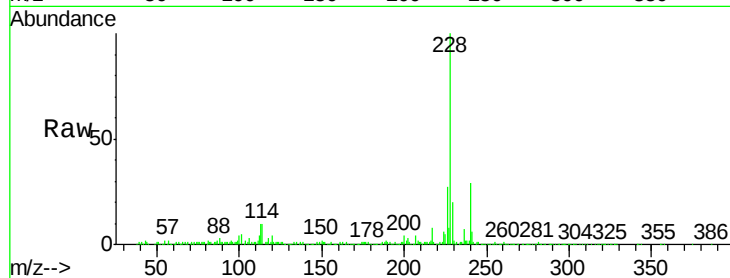
ClientSampleId :

DB1L9

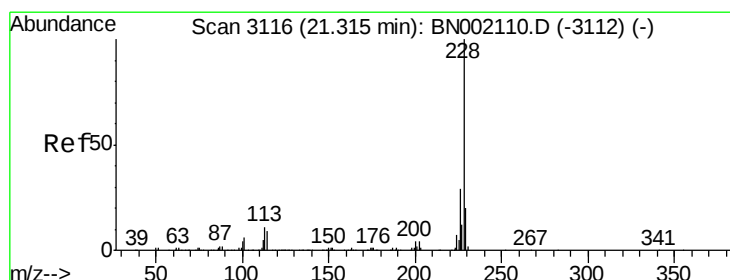
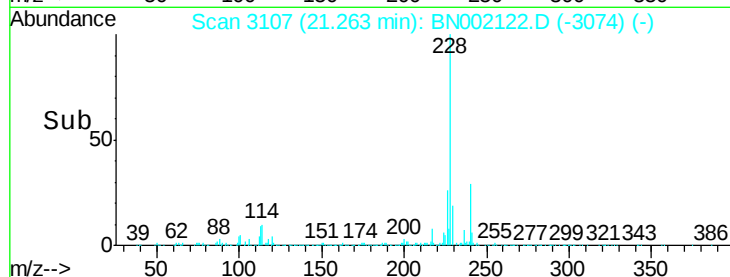
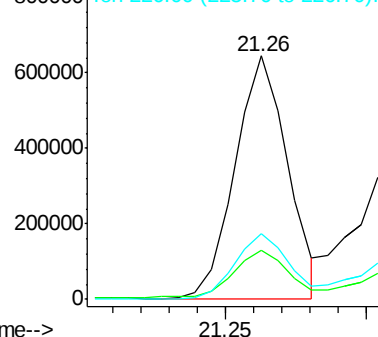
Tgt Ion:	228	Resp:	829816
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	26.7	21.8	32.6

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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: 10.487 ng/ul

RT: 21.32 min Scan# 3116

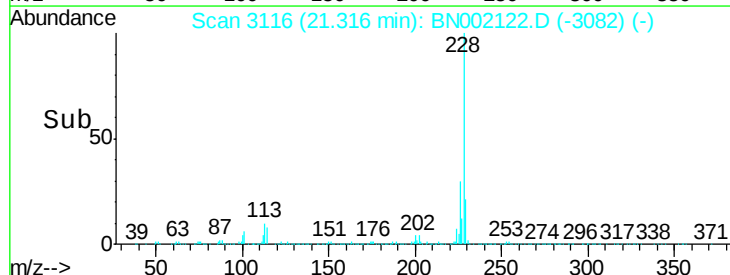
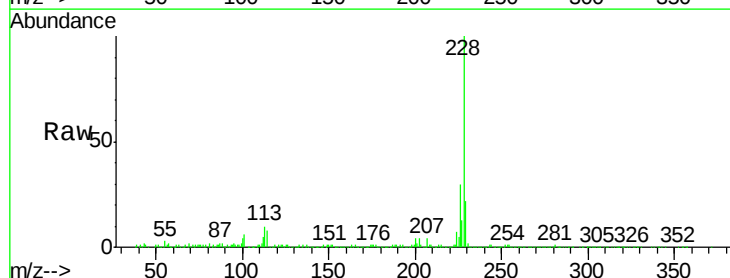
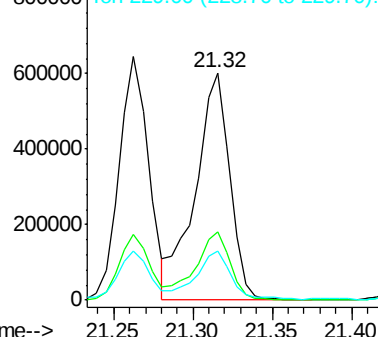
Delta R.T. 0.00 min

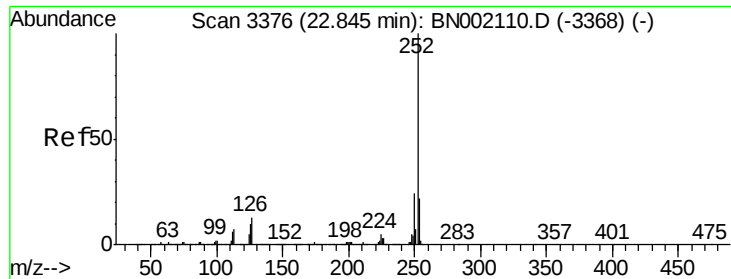
Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Tgt Ion:	228	Resp:	902309
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	21.6	15.6	23.4

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: 15.576 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

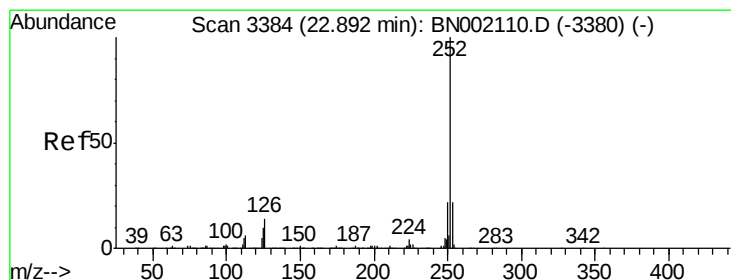
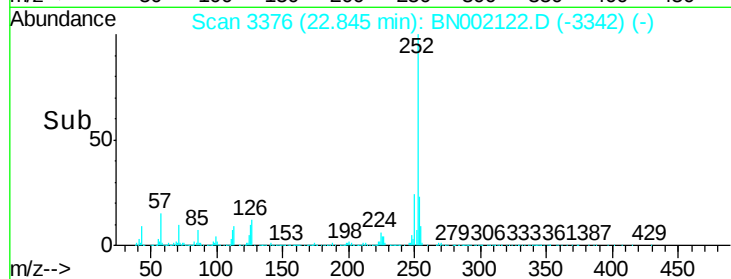
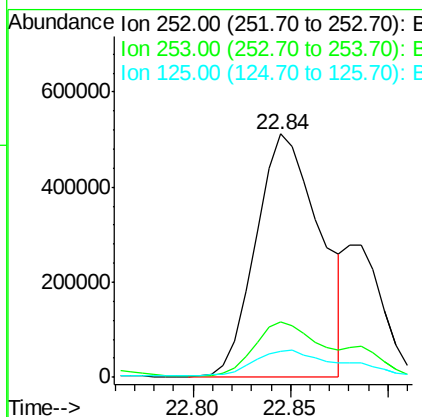
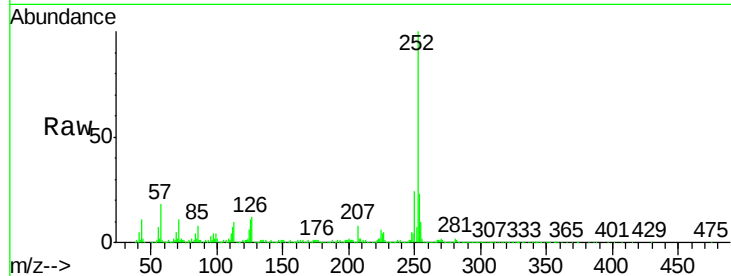
ClientSampleId :

DB1L9

Tgt Ion:	252	Resp:	1161331
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	10.9	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 5.074 ng/ul m

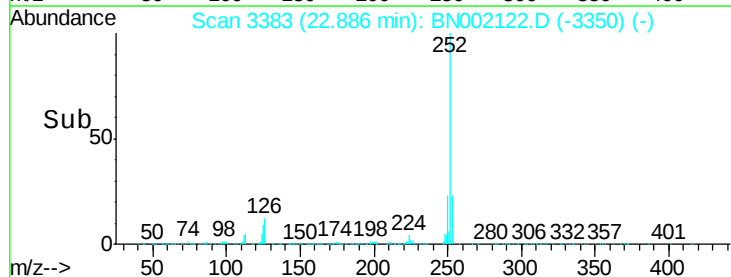
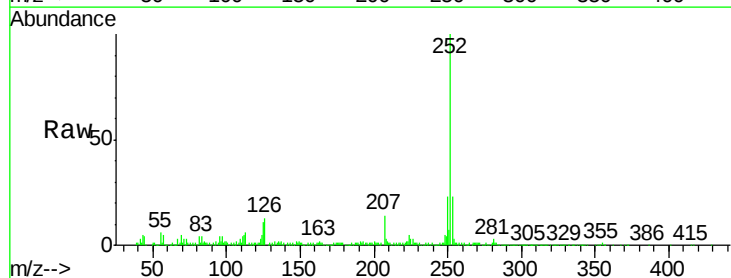
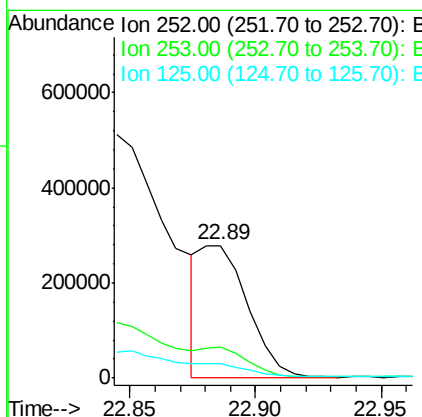
RT: 22.89 min Scan# 3383

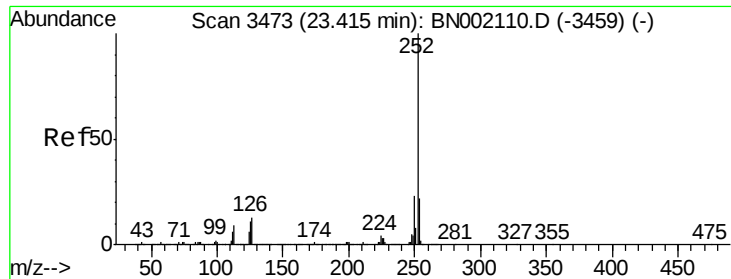
Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Tgt Ion:	252	Resp:	359412
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	10.6	8.2	12.2





#90

Benzo(a)pyrene

Concen: 8.411 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

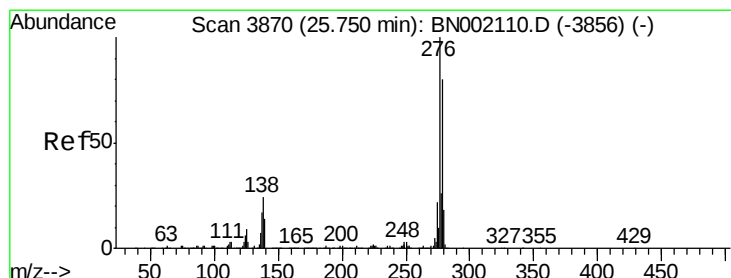
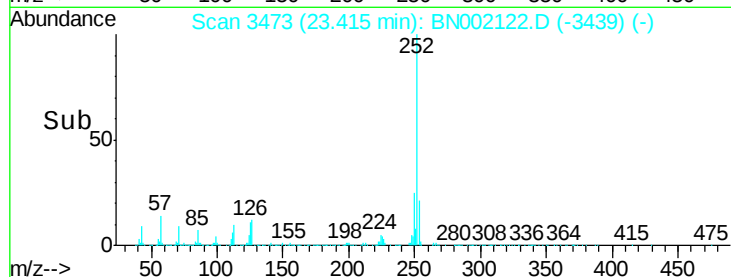
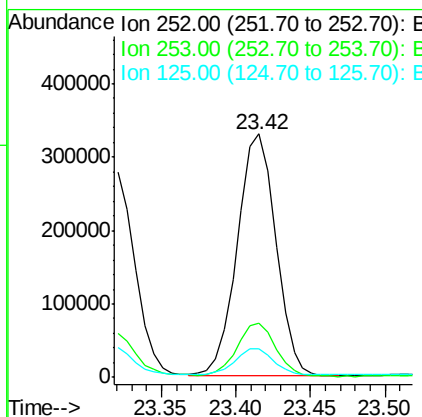
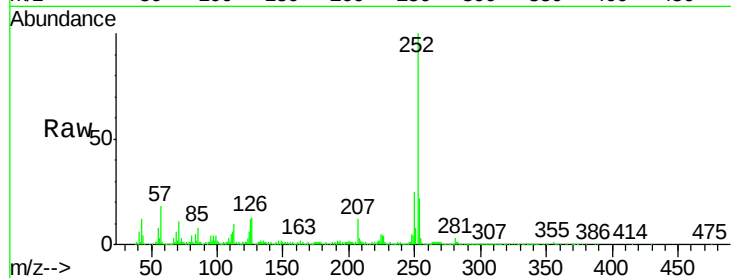
ClientSampled :

DB1L9

Tgt Ion:	252	Resp:	595853
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	11.8	9.0	13.6

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#91

Indeno(1,2,3-cd)pyrene

Concen: 4.617 ng/ul

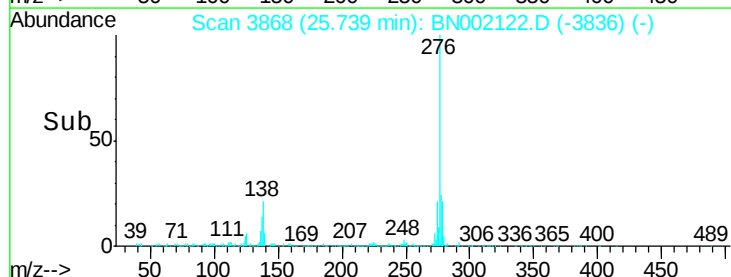
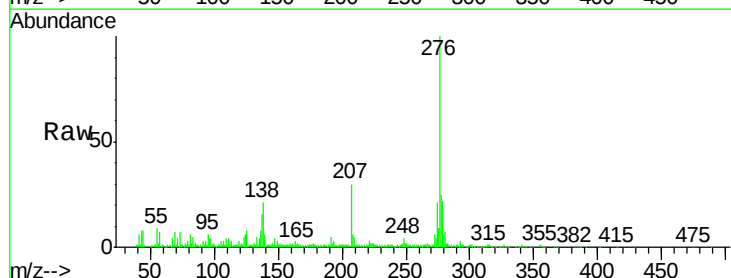
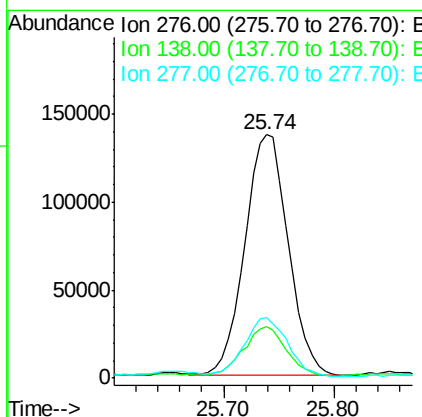
RT: 25.74 min Scan# 3868

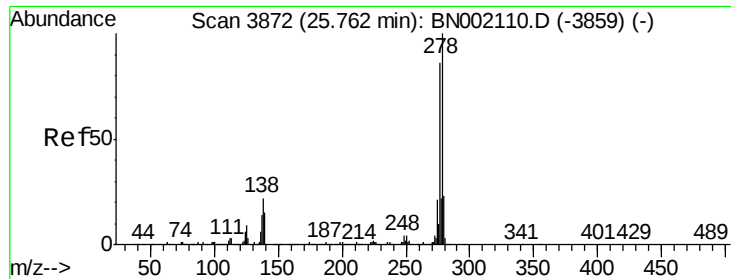
Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Tgt Ion:	276	Resp:	378098
Ion Ratio	Lower	Upper	
276	100		
138	21.3	22.3	33.5#
277	24.8	20.2	30.2





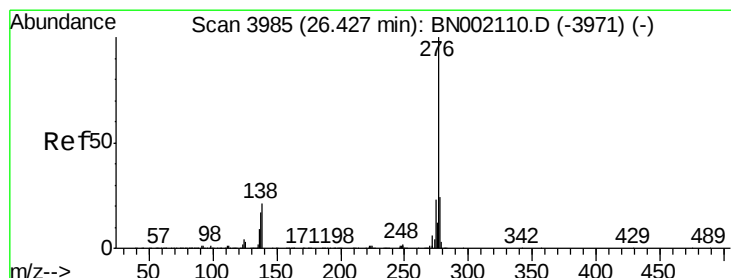
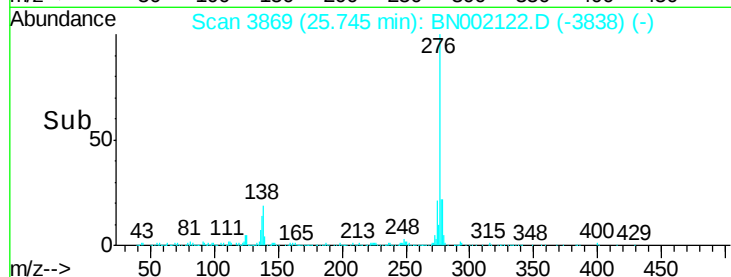
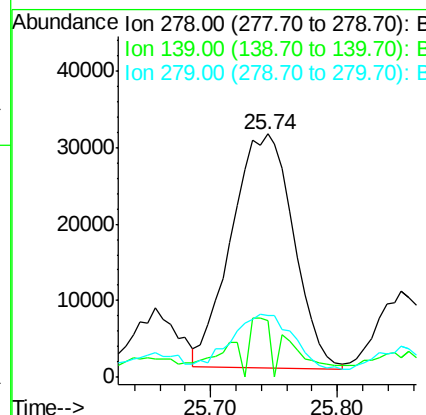
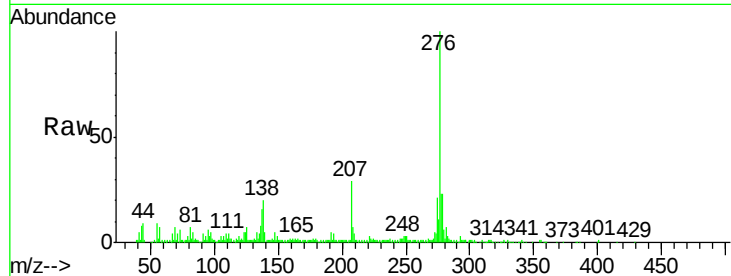
#92
Dibenzo(a,h)anthracene
Concen: 1.512 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BN002122.D
Acq: 24 Jul 2018 00:49

Instrument :
BNA_N
ClientSampled :
DB1L9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.9	20.9#
279	25.4	19.0	28.4

Manual Integrations
APPROVED

Sohil
7/24/2018 2:14:54 PM



#93
Benzo(g,h,i)perylene
Concen: 3.028 ng/ul
RT: 26.42 min Scan# 3984
Delta R.T. -0.01 min
Lab File: BN002122.D
Acq: 24 Jul 2018 00:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.9	28.3
277	25.1	19.2	28.8

