

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002010.D
 Acq On : 11 Jul 2018 14:50
 Operator : JU/SJ
 Sample : J3775-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ7

Manual Integrations
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Sohil
 7/12/2018 3:03:43 PM

Quant Time: Jul 11 22:51:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	445913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2055356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1222189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2781591	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2726887	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	2418893	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	40785	3.97	ng/uL	0.00
5) Phenol-d5	6.89	99	1054112	26.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	641410	25.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	844316	26.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	831192	25.71	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	425214	27.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	483311	30.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	881314	26.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	563010	16.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2657541	25.75	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3453035	27.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	448616	23.60	ng/ul	0.00
57) Fluorene-d10	15.33	176	2439068	26.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	367658	24.27	ng/ul	0.00
70) Anthracene-d10	17.19	188	3675066	27.35	ng/ul	0.00
76) Pyrene-d10	19.49	212	4035511	29.36	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.40	264	3556987	27.04	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	6.91	94	61461	1.510	ng/ul# 89
44) Dimethylphthalate	13.80	163	643411	6.343	ng/ul# 99
69) Phenanthrene	17.13	178	485166	3.096	ng/ul 99
73) Di-n-butylphthalate	18.06	149	667455	3.978	ng/ul 100
74) Fluoranthene	19.15	202	1472861	8.942	ng/ul# 89
77) Pyrene	19.52	202	1243161	7.285	ng/ul# 88
78) Butylbenzylphthalate	20.44	149	96483	1.325	ng/ul# 81
80) Benzo(a)anthracene	21.28	228	657028	3.812	ng/ul 95
81) Bis(2-ethylhexyl)phthalate	21.23	149	467747	4.308	ng/ul 100
82) Chrysene	21.33	228	958670	5.979	ng/ul 97
85) Benzo(b)fluoranthene	22.87	252	1367894	8.954	ng/ul# 89
86) Benzo(k)fluoranthene	22.91	252	407099m	2.748	ng/ul
88) Benzo(a)pyrene	23.44	252	596036	4.175	ng/ul# 84
89) Indeno(1,2,3-cd)pyrene	25.77	276	576203	3.793	ng/ul# 87
90) Dibenzo(a,h)anthracene	25.78	278	150842	1.193	ng/ul# 70
91) Benzo(g,h,i)perylene	26.46	276	527704	4.211	ng/ul# 86

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

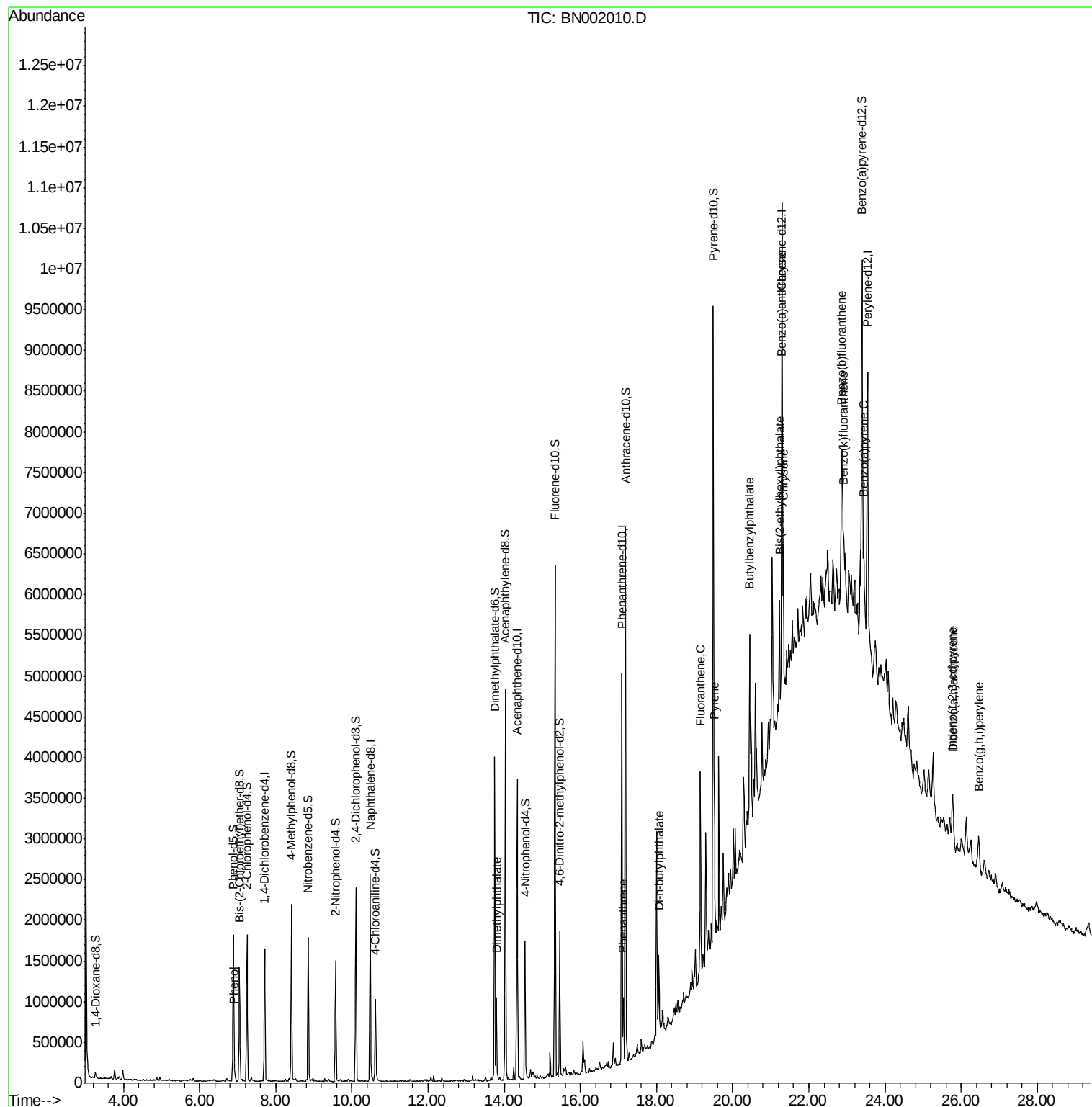
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002010.D
Acq On : 11 Jul 2018 14:50
Operator : JU/SJ
Sample : J3775-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

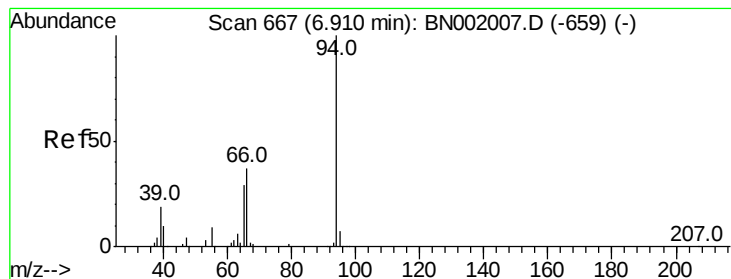
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 11 22:51:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.510 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

ClientSampled :

DAZQ7

Tot Ion: 94 Resp: 61461

Ion Ratio Lower Upper

94 100

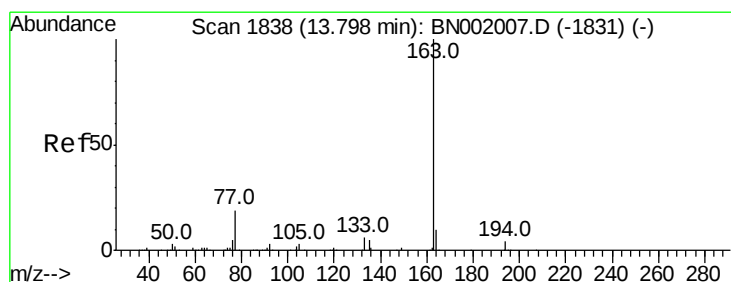
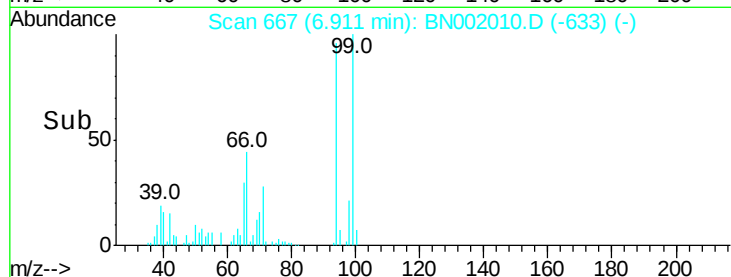
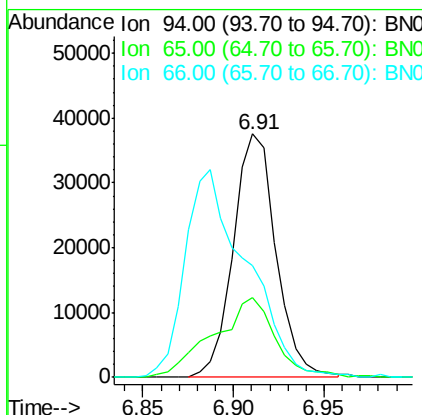
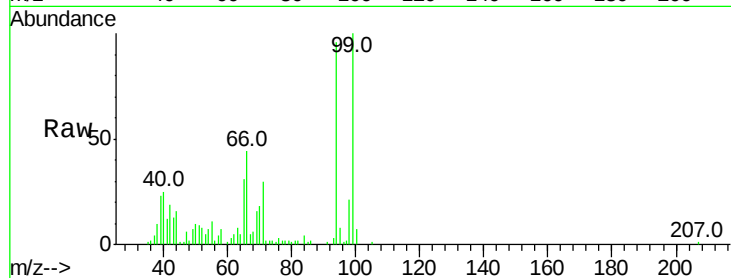
65 32.6 23.0 34.6

66 46.1 30.4 45.6#

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#44

Dimethylphthalate

Concen: 6.343 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

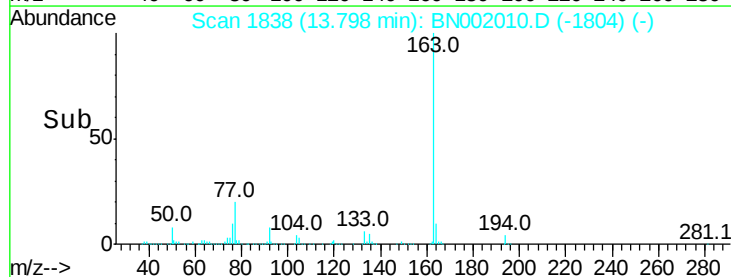
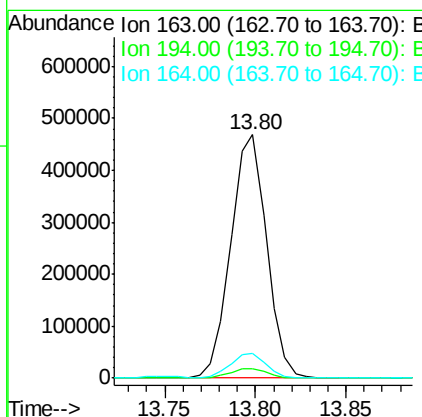
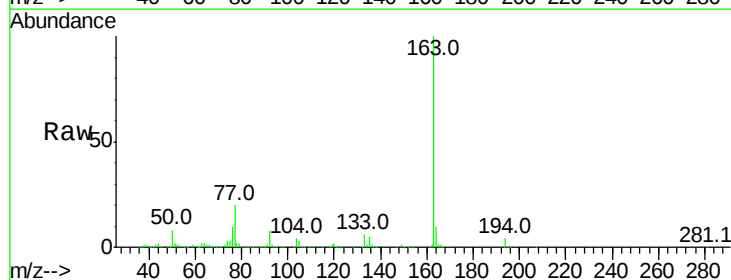
Tgt Ion: 163 Resp: 643411

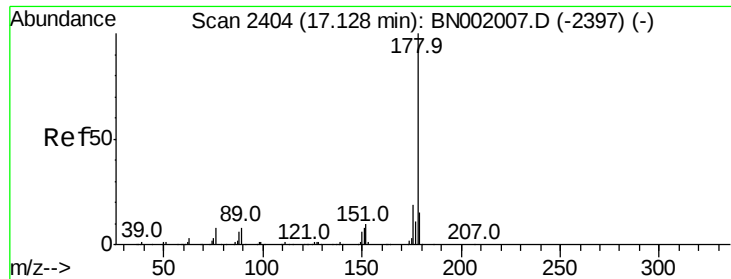
Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

164 10.3 8.4 12.6





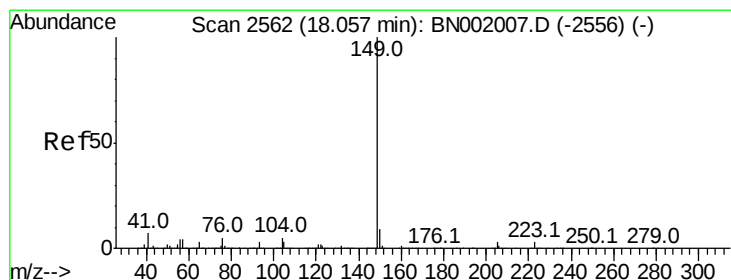
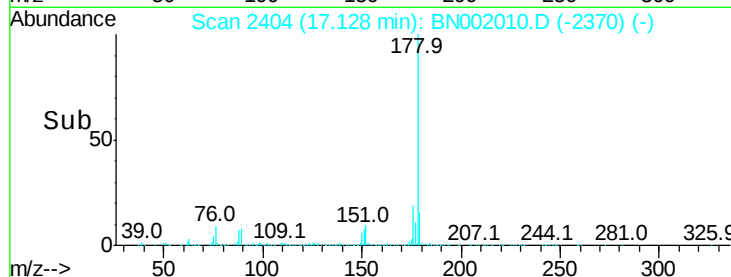
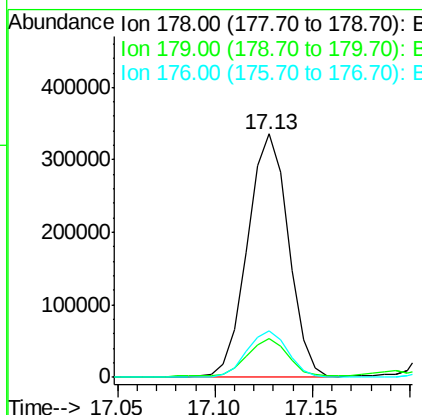
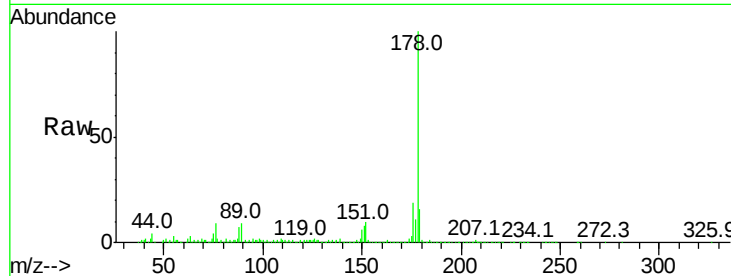
#69
 Phenanthrene
 Concen: 3.096 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BN002010.D
 Acq: 11 Jul 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.1	15.4	23.0

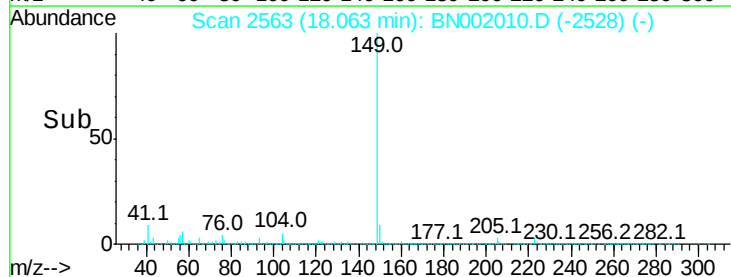
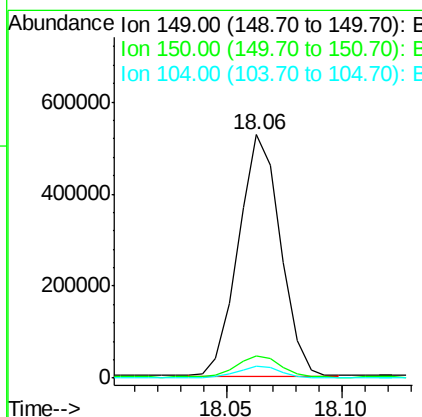
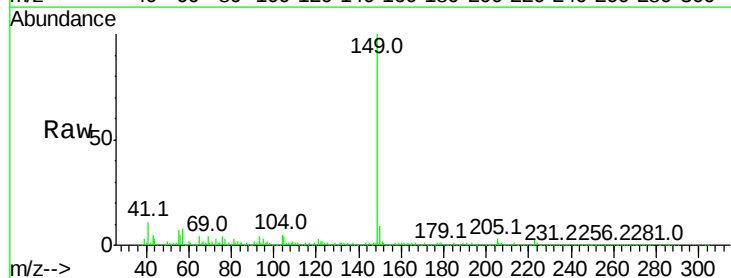
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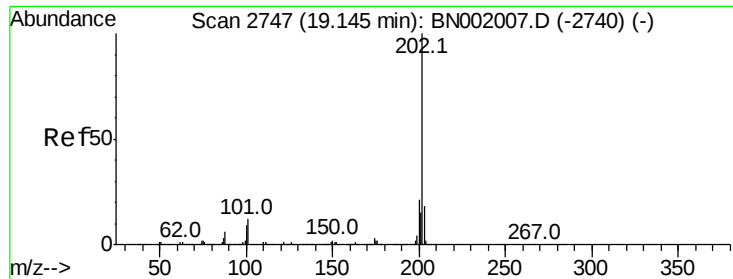
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#73
 Di-n-butylphthalate
 Concen: 3.978 ng/ul
 RT: 18.06 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BN002010.D
 Acq: 11 Jul 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	4.1	6.1





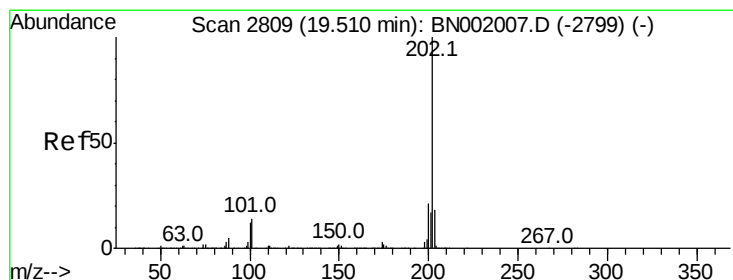
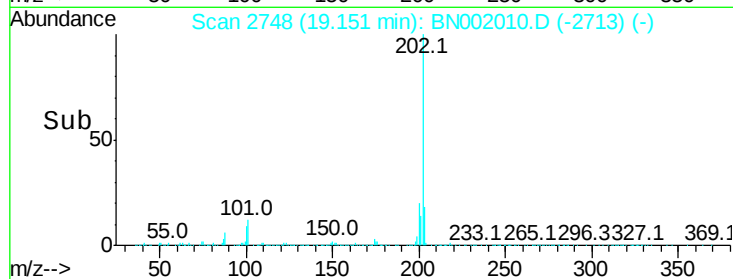
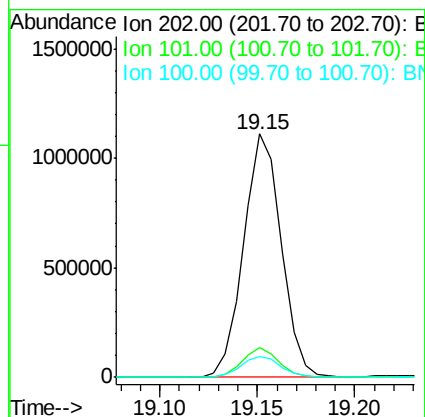
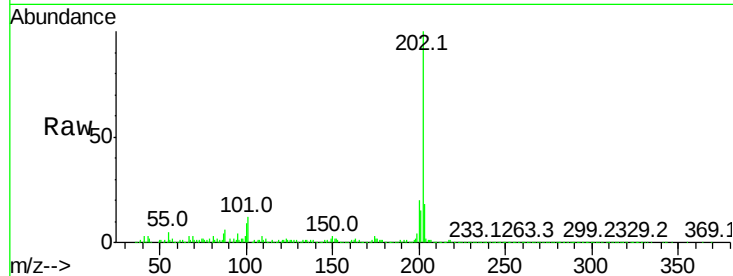
#74
Fluoranthene
 Concen: 8.942 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN002010.D
 Acq: 11 Jul 2018 14:50

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ7

Tot Ion:	202	Resp:	1472861
Ion Ratio	Lower	Upper	
202	100		
101	12.2	6.1	9.1#
100	8.8	4.6	7.0#

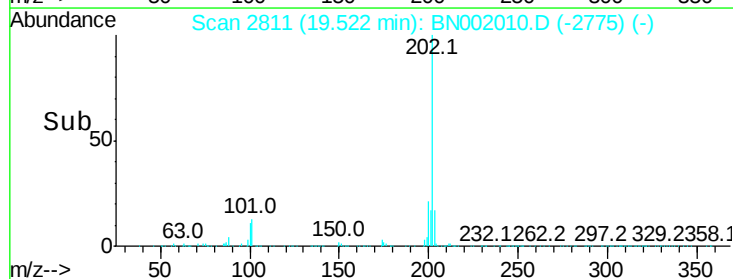
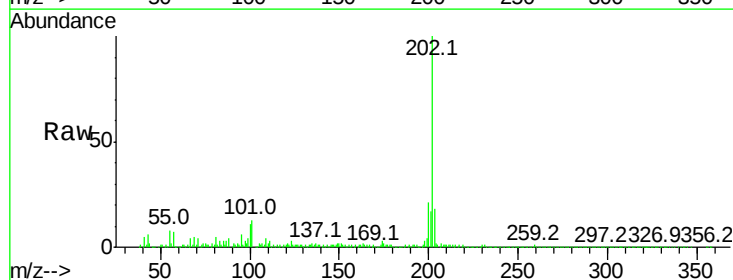
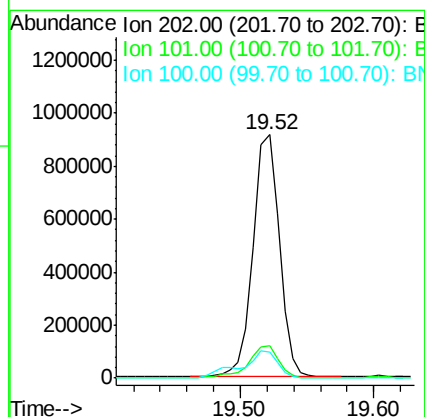
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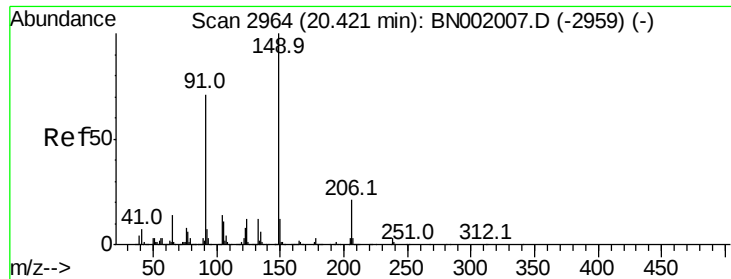
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#77
Pyrene
 Concen: 7.285 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BN002010.D
 Acq: 11 Jul 2018 14:50

Tgt Ion:	202	Resp:	1243161
Ion Ratio	Lower	Upper	
202	100		
101	13.1	6.9	10.3#
100	10.6	5.6	8.4#





#78

Butylbenzylphthalate

Concen: 1.325 ng/ul

RT: 20.44 min Scan# 2967

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

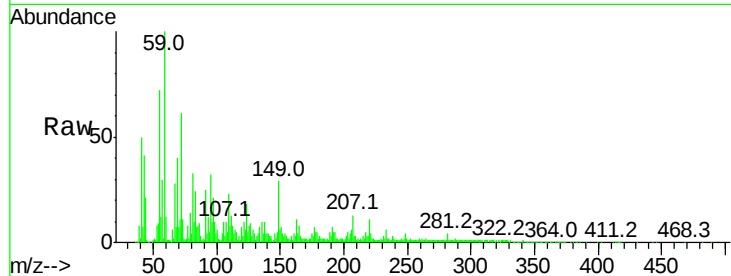
ClientSampled :

DAZQ7

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.5	53.4	80.0#
206	21.8	19.3	28.9

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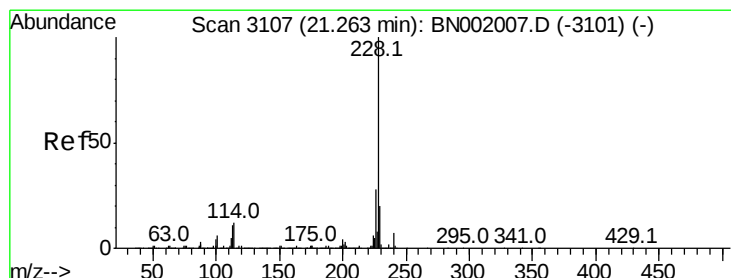
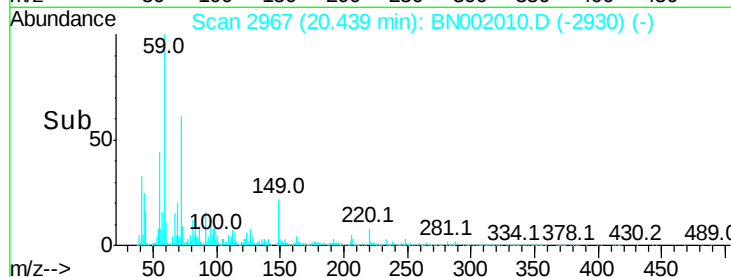
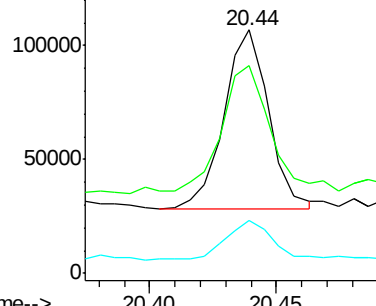
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNA

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.812 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.02 min

Lab File: BN002010.D

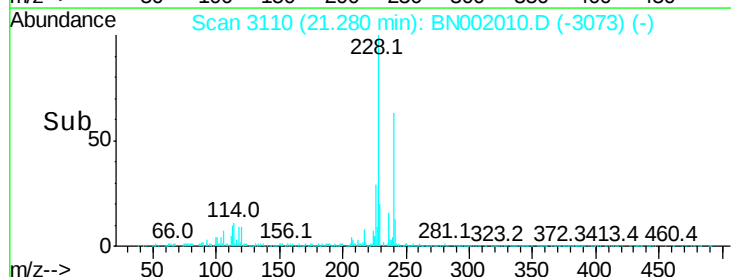
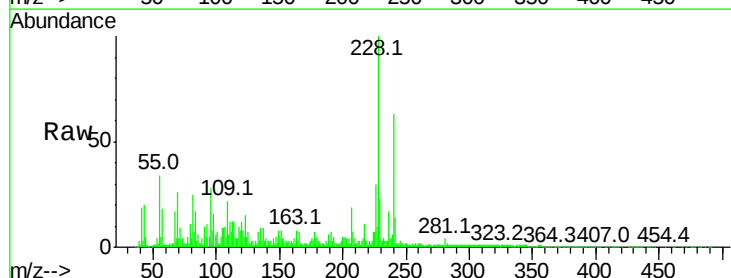
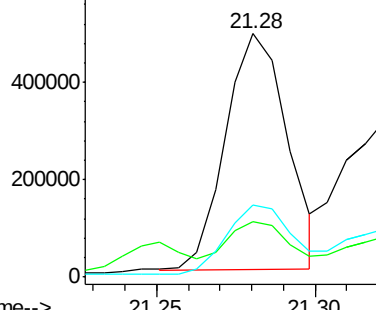
Acq: 11 Jul 2018 14:50

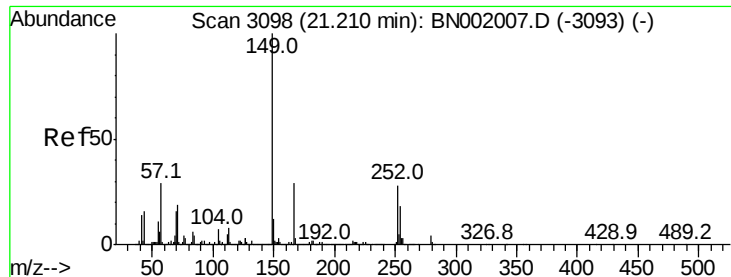
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.0	24.0
226	29.5	21.8	32.8

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





#81

Bis(2-ethylhexyl)phthalate

Concen: 4.308 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

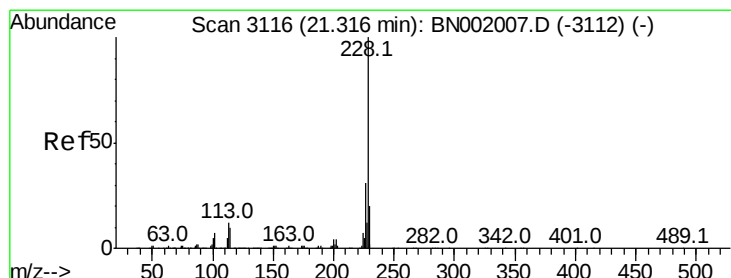
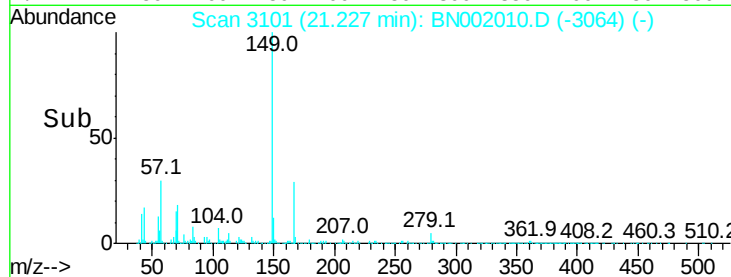
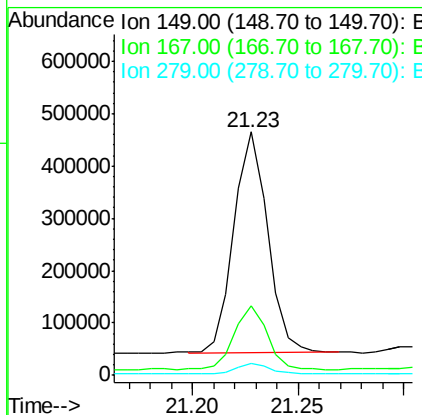
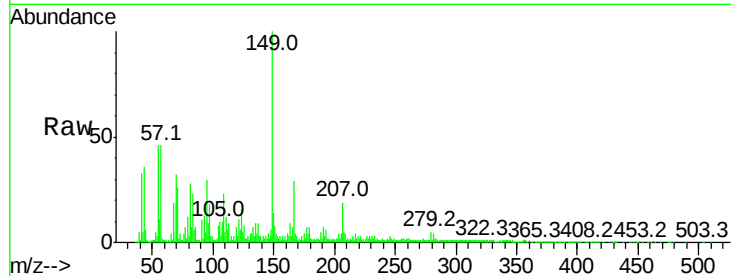
ClientSampleId :

DAZQ7

Tot Ion:	149	Resp:	467747
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.0	34.6
279	4.9	4.3	6.5

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#82

Chrysene

Concen: 5.979 ng/ul

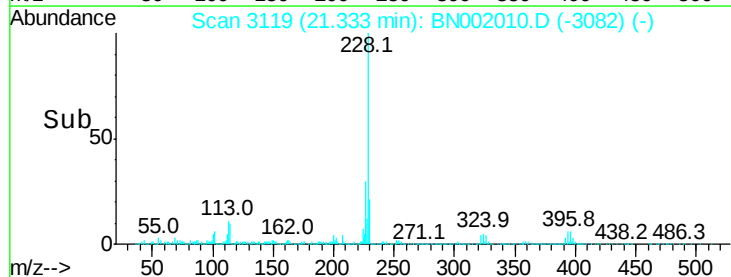
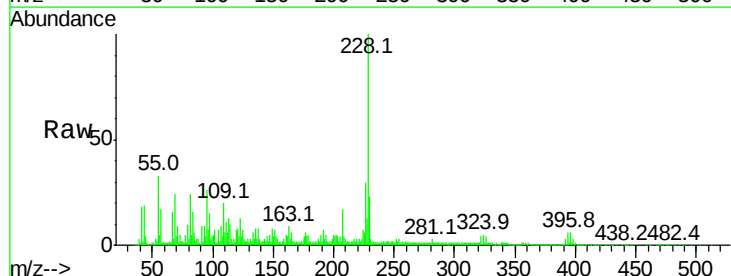
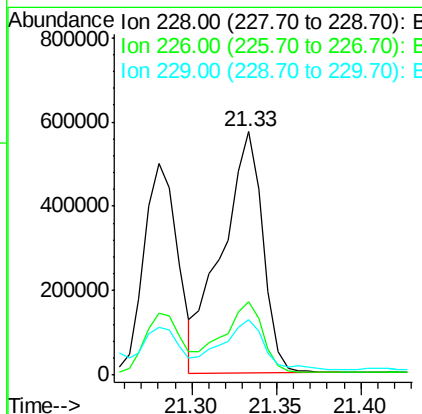
RT: 21.33 min Scan# 3119

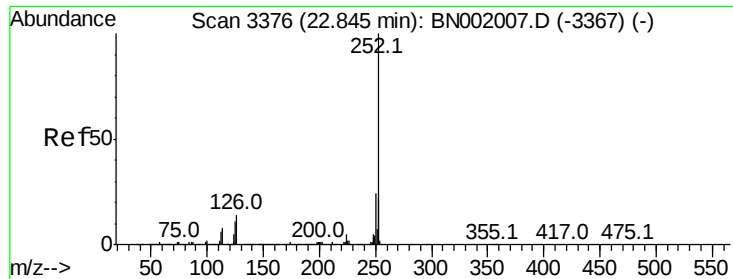
Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Tgt Ion:	228	Resp:	958670
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	22.9	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 8.954 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

ClientSampleId :

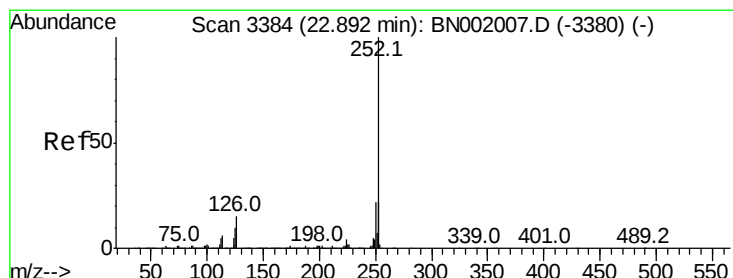
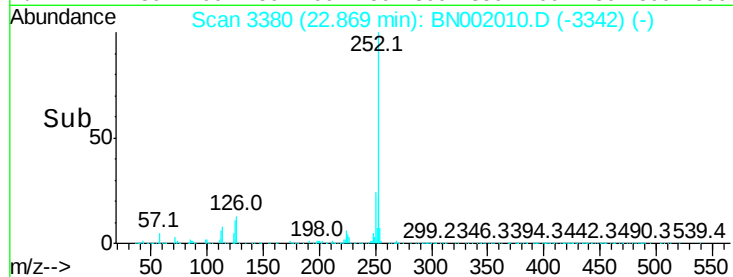
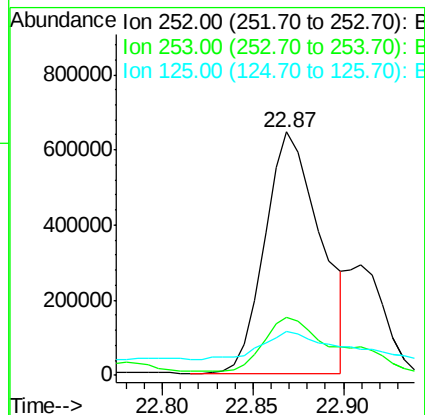
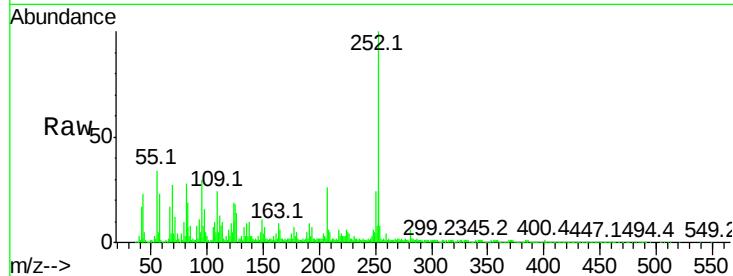
DAZQ7

Tot Ion:252 Resp: 1367894

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	18.0	4.9	7.3#

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#86

Benzo(k)fluoranthene

Concen: 2.748 ng/ul m

RT: 22.91 min Scan# 3387

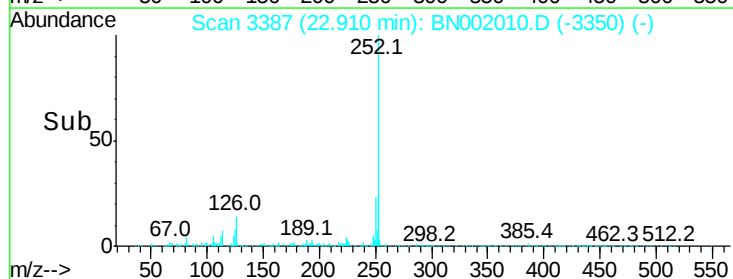
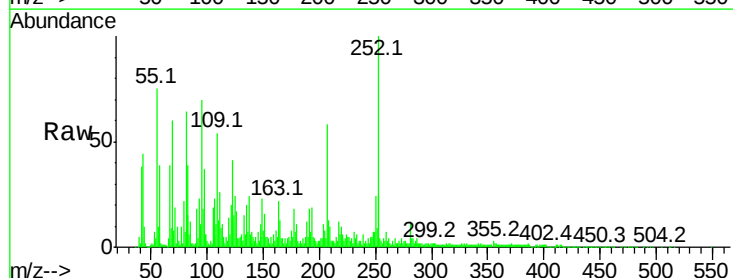
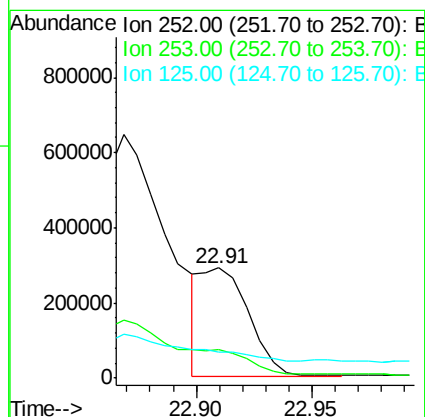
Delta R.T. 0.02 min

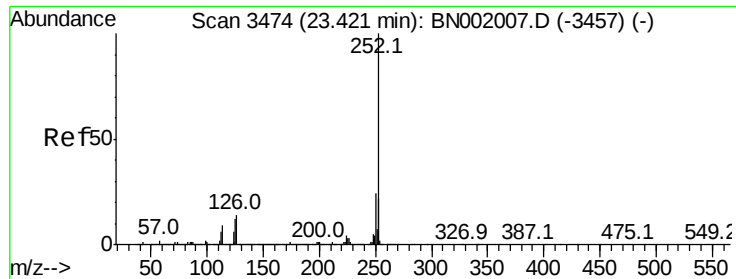
Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Tgt Ion:252 Resp: 407099

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	24.1	5.4	8.0#





#88

Benzo(a)pyrene

Concen: 4.175 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

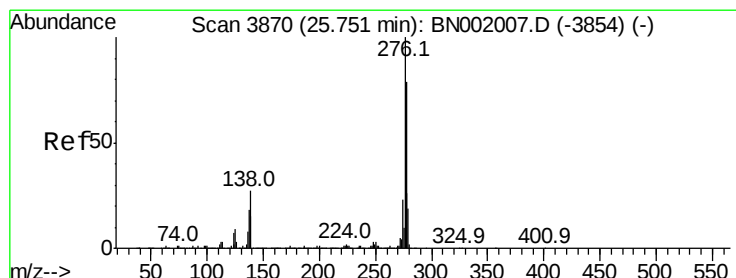
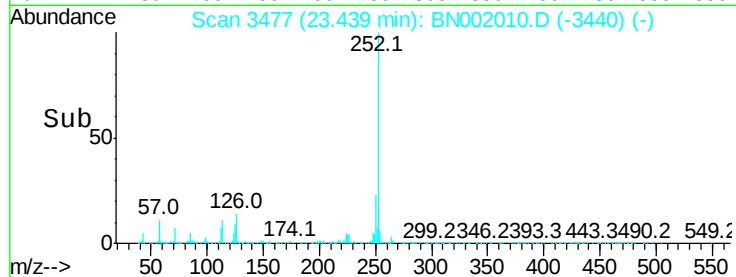
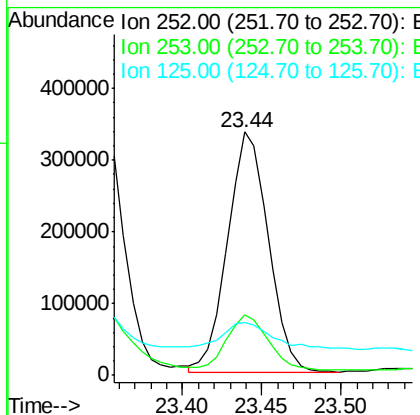
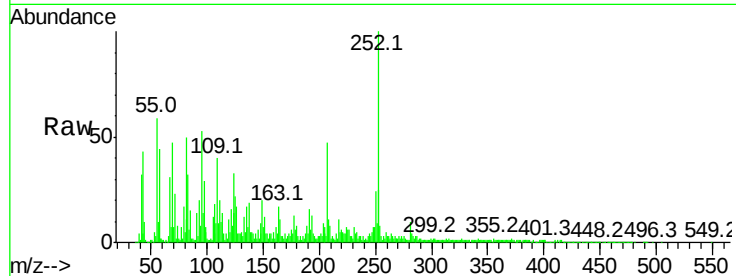
ClientSampleId :

DAZQ7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.0	17.2	25.8
125	22.0	5.8	8.6

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:43 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.793 ng/ul

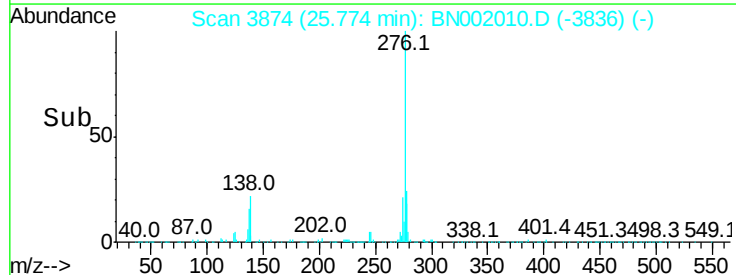
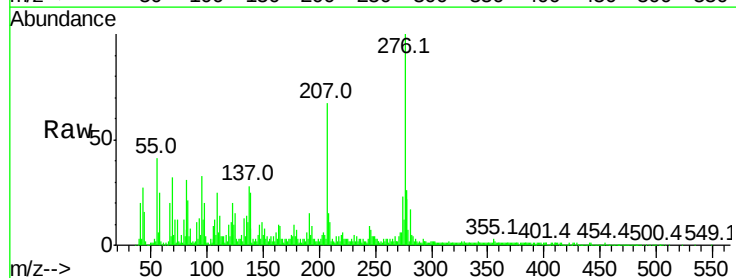
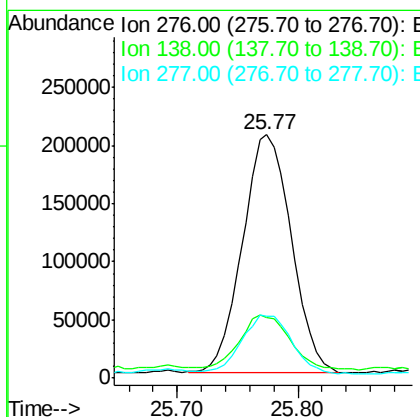
RT: 25.77 min Scan# 3874

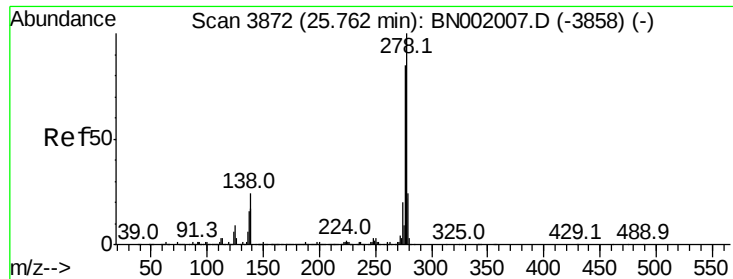
Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.7	10.9	16.3
277	25.5	18.9	28.3





#90

Dibenzo(a,h)anthracene

Concen: 1.193 ng/ul

RT: 25.78 min Scan# 3875

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Instrument :

BNA_N

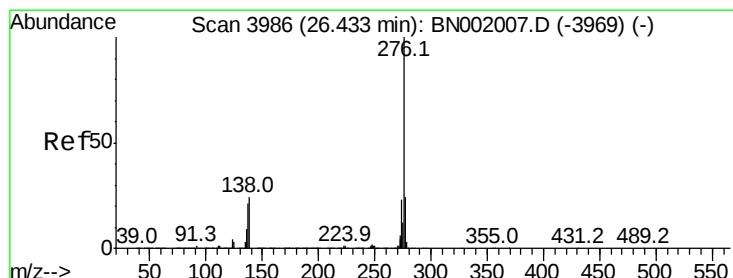
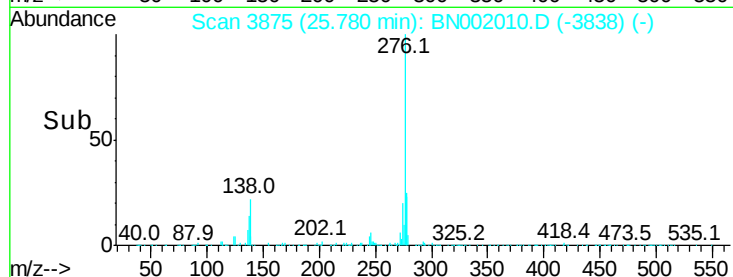
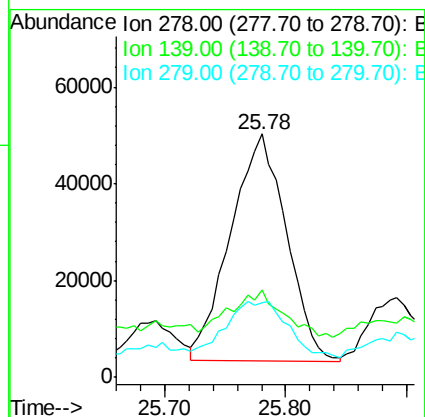
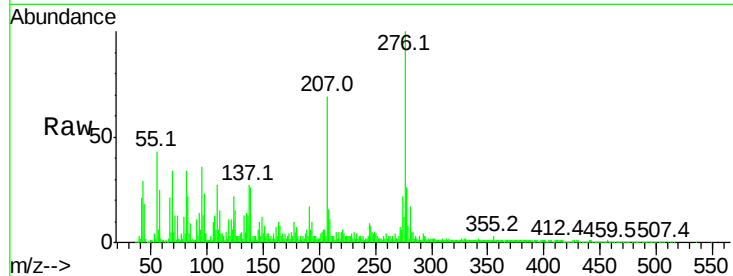
ClientSampleId :

DAZQ7

Tot Ion:	278	Resp:	150842
Ion Ratio	Lower	Upper	
278	100		
139	36.0	9.0	13.4#
279	30.4	19.1	28.7#

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:43 PM



#91

Benzo(g,h,i)perylene

Concen: 4.211 ng/ul

RT: 26.46 min Scan# 3990

Delta R.T. 0.02 min

Lab File: BN002010.D

Acq: 11 Jul 2018 14:50

Tgt Ion:	276	Resp:	527704
Ion Ratio	Lower	Upper	
276	100		
138	26.5	11.2	16.8#
277	25.7	19.0	28.6

