

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002014.D
 Acq On : 11 Jul 2018 17:11
 Operator : JU/SJ
 Sample : J3775-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ6

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:51 PM

Quant Time: Jul 11 23:34:03 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	7.71	152	500160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2296362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1358875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3095623	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	2840216	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2395545	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	44644m	3.88	ng/uL	0.00
5) Phenol-d5	6.89	99	1047682	23.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	651522	23.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	855896	23.85	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	802282	22.13	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	436459	25.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	494310	28.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	885791	23.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	782049	20.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2718192	23.69	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3510313	24.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	428355	20.26	ng/ul	0.00
57) Fluorene-d10	15.34	176	2489589	24.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	273548	16.22	ng/ul	0.00
70) Anthracene-d10	17.19	188	3808073	25.46	ng/ul	0.00
76) Pyrene-d10	19.49	212	4102463	28.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3326608	25.54	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.92	94	57593	1.262	ng/ul#	90
44) Dimethylphthalate	13.80	163	671999	5.958	ng/ul	99
69) Phenanthrene	17.13	178	541187	3.103	ng/ul	99
74) Fluoranthene	19.15	202	1102183	6.013	ng/ul#	90
77) Pyrene	19.52	202	998611	5.618	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	347191	4.578	ng/ul	93
80) Benzo(a)anthracene	21.27	228	538702	3.001	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.22	149	453953	4.014	ng/ul	99
82) Chrysene	21.32	228	560661m	3.357	ng/ul	
85) Benzo(b)fluoranthene	22.86	252	633750	4.189	ng/ul#	88
86) Benzo(k)fluoranthene	22.89	252	197335m	1.345	ng/ul	
88) Benzo(a)pyrene	23.43	252	384608	2.720	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	25.77	276	281775	1.873	ng/ul#	86
91) Benzo(g,h,i)perylene	26.45	276	280831	2.263	ng/ul#	85

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

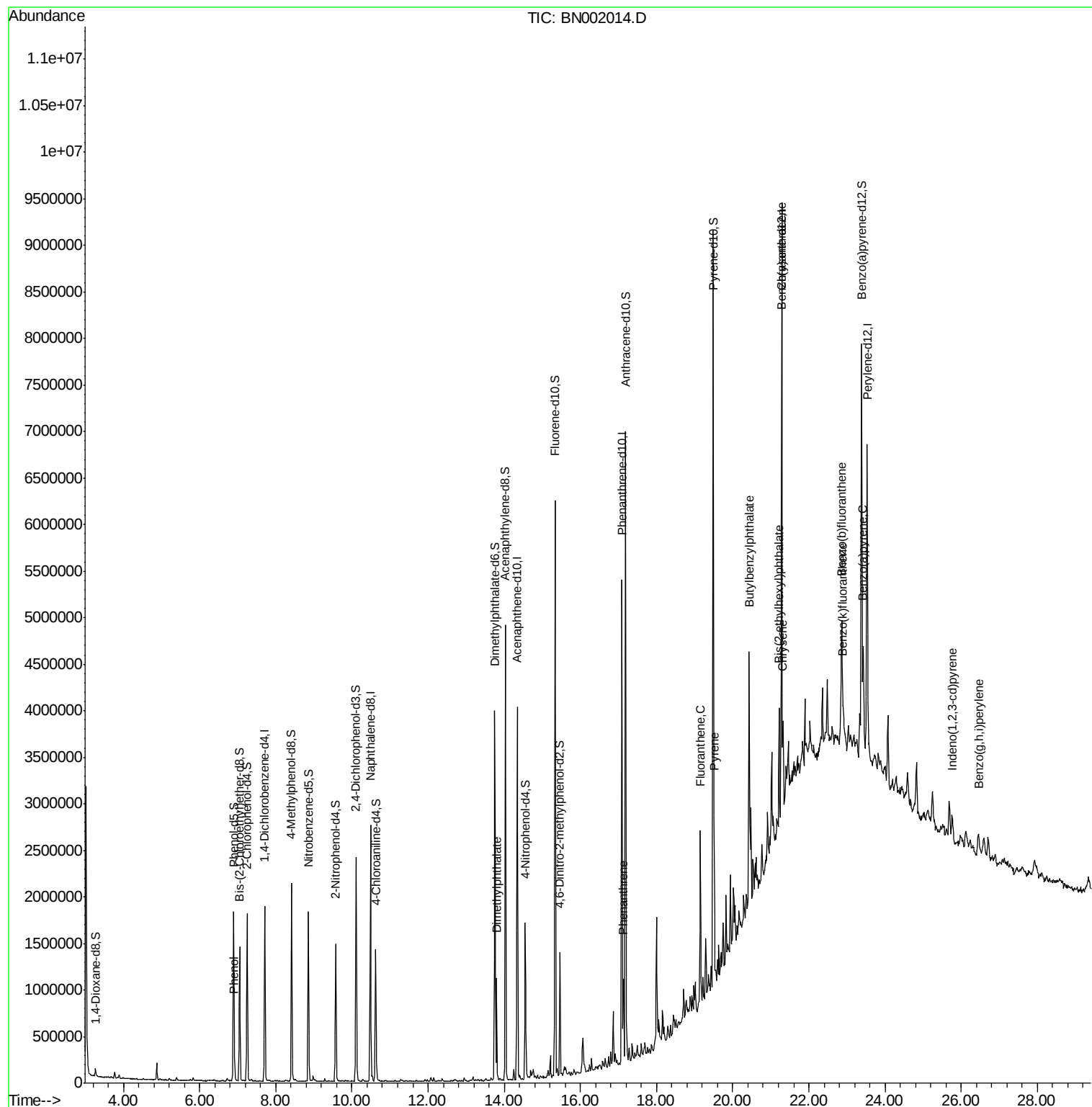
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002014.D
Acq On : 11 Jul 2018 17:11
Operator : JU/SJ
Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

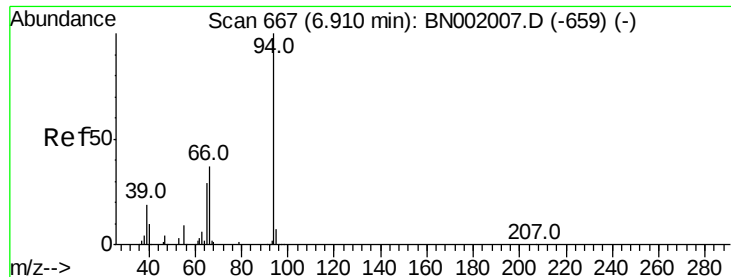
Instrument :
BNA_N
ClientSampleId :
DAZQ6

Quant Time: Jul 11 23:34:03 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

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:51 PM





#6

Phenol

Concen: 1.262 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

ClientSampleId :

DAZQ6

Tot Ion: 94 Resp: 57593

Ion Ratio Lower Upper

94 100

65 34.6 23.0 34.6#

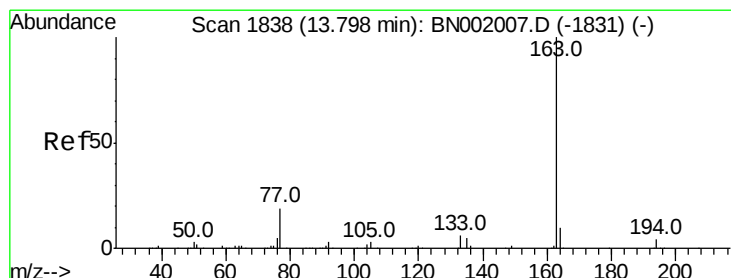
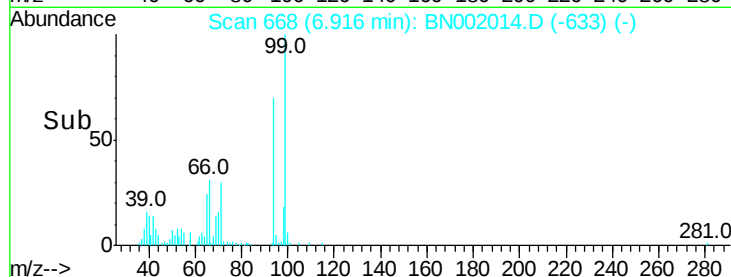
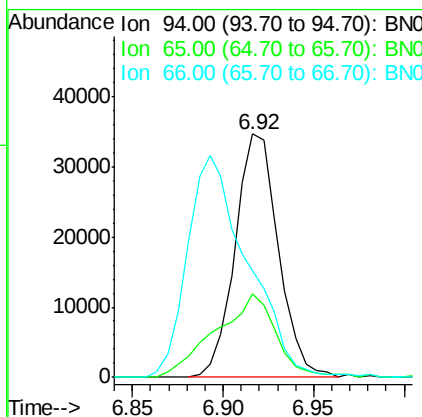
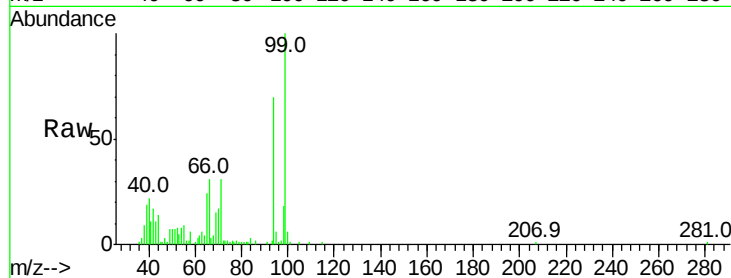
66 43.9 30.4 45.6

Manual Integrations

APPROVED

Sohil

7/12/2018 3:03:51 PM



#44

Dimethylphthalate

Concen: 5.958 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

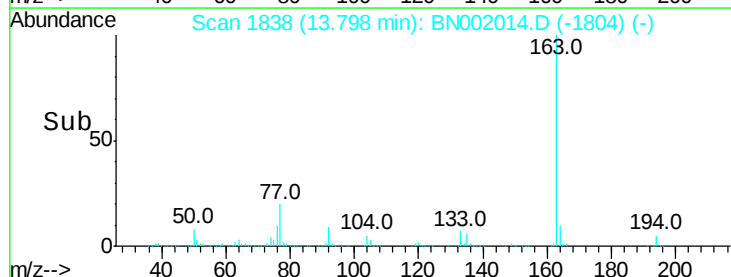
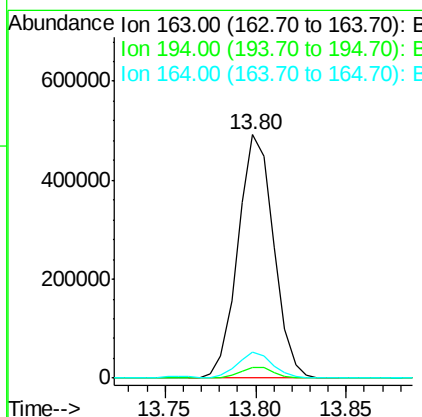
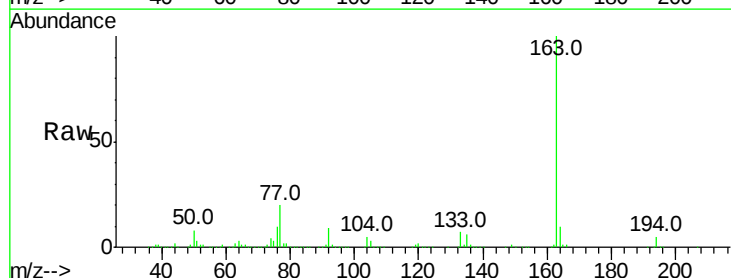
Tgt Ion:163 Resp: 671999

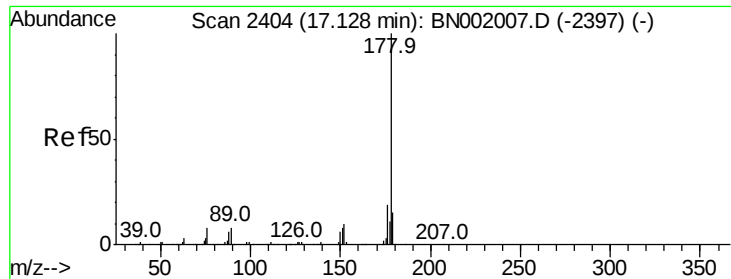
Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

164 10.4 8.4 12.6





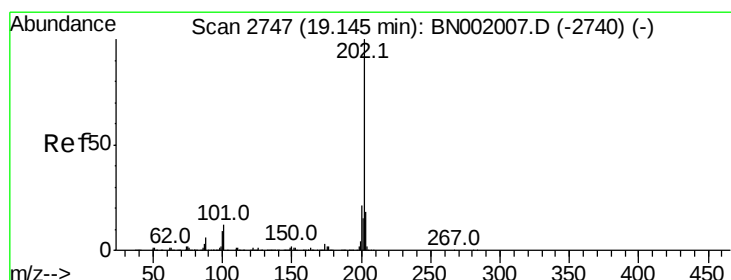
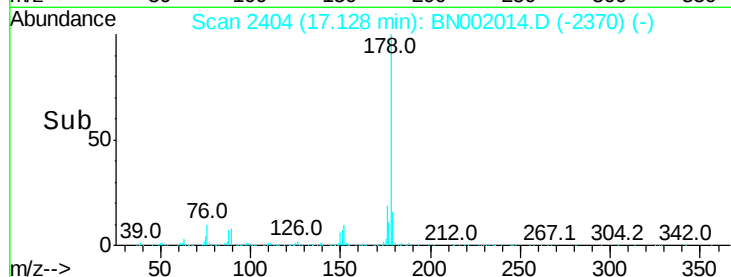
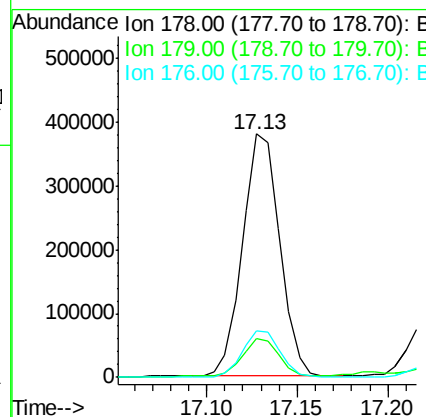
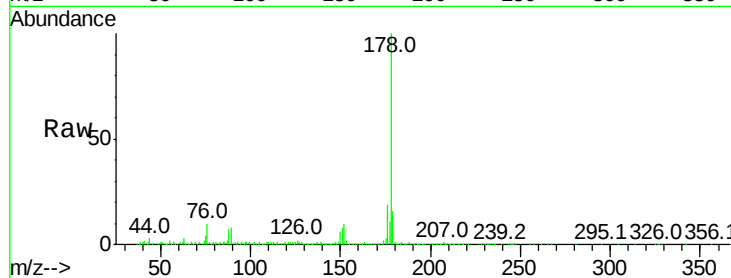
#69
Phenanthrene
Concen: 3.103 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Instrument :
BNA_N
ClientSampled :
DAZQ6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.8	15.4	23.0

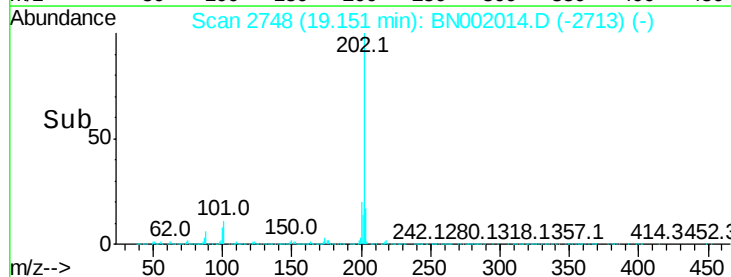
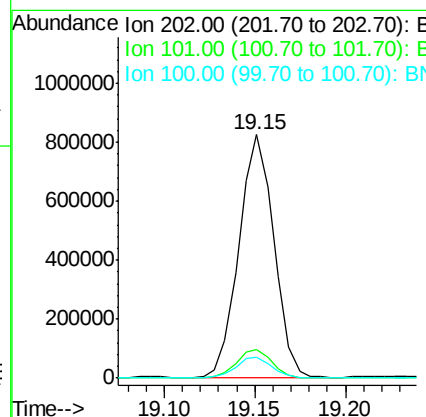
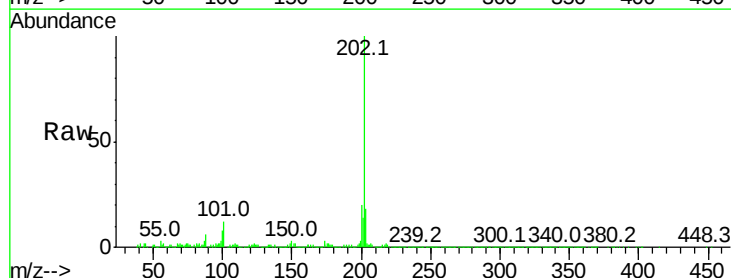
Manual Integrations
APPROVED

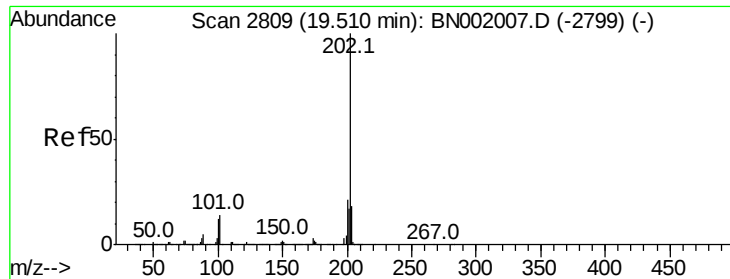
Sohil
7/12/2018 3:03:51 PM



#74
Fluoranthene
Concen: 6.013 ng/ul
RT: 19.15 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.1	9.1#
100	8.4	4.6	7.0#





#77

Pvrene

Concen: 5.618 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

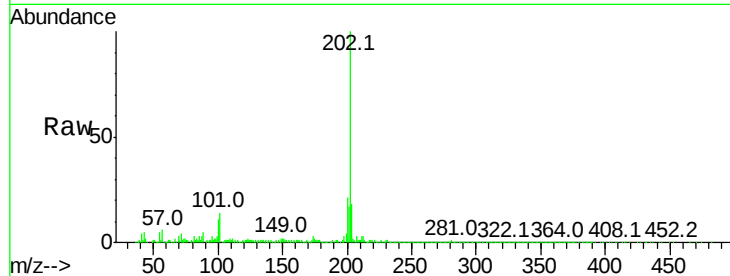
ClientSampled :

DAZQ6

Tot Ion:	202	Resp:	998611
Ion Ratio	Lower	Upper	
202	100		
101	14.0	6.9	10.3#
100	10.8	5.6	8.4#

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:51 PM

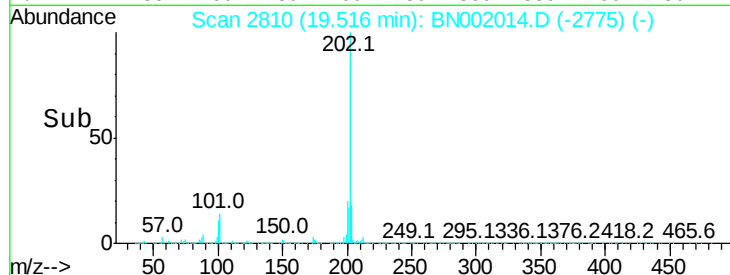


Abundance Ion 202.00 (201.70 to 202.70): E

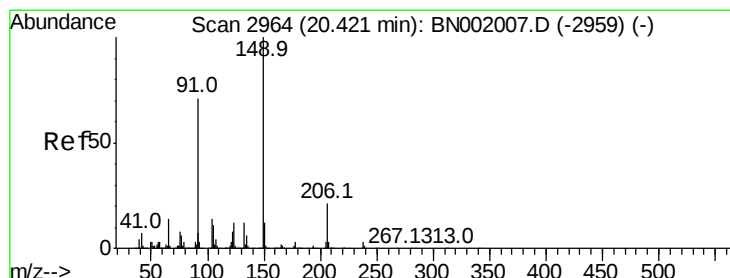
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#78

Butylbenzylphthalate

Concen: 4.578 ng/ul

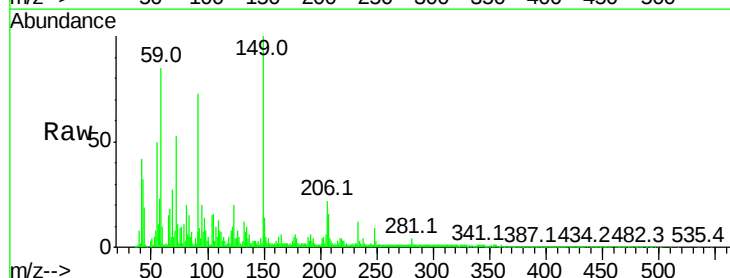
RT: 20.43 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Tgt Ion:	149	Resp:	347191
Ion Ratio	Lower	Upper	
149	100		
91	73.0	53.4	80.0
206	21.7	19.3	28.9

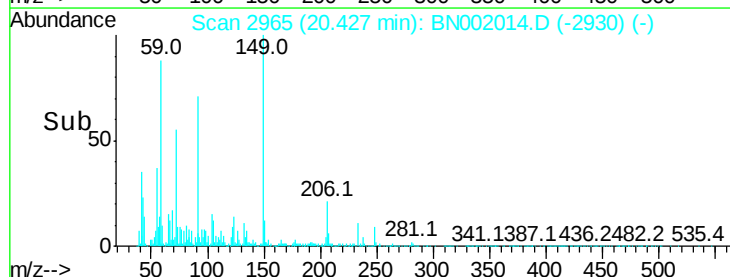


Abundance Ion 149.00 (148.70 to 149.70): E

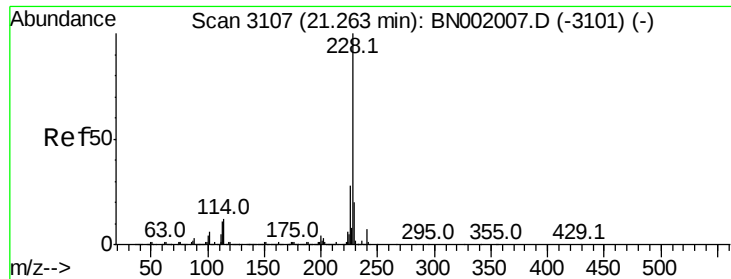
Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 3.001 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

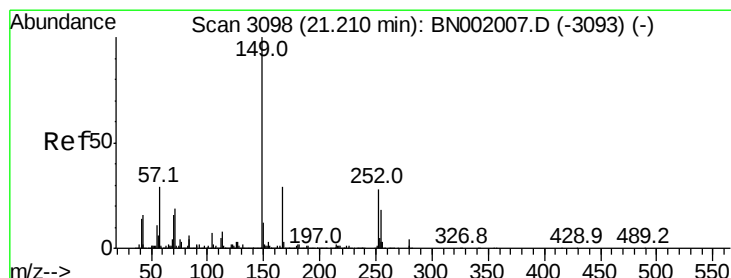
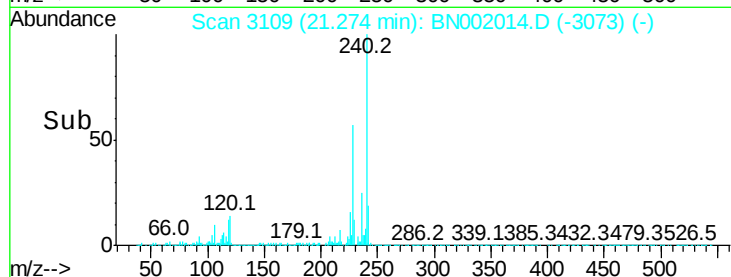
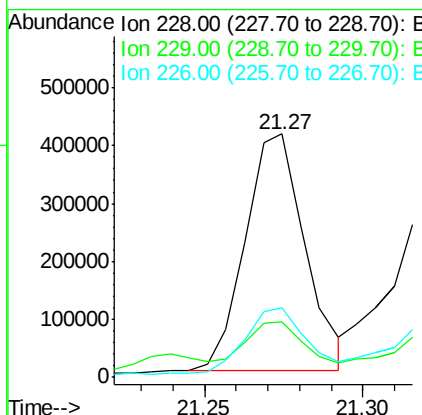
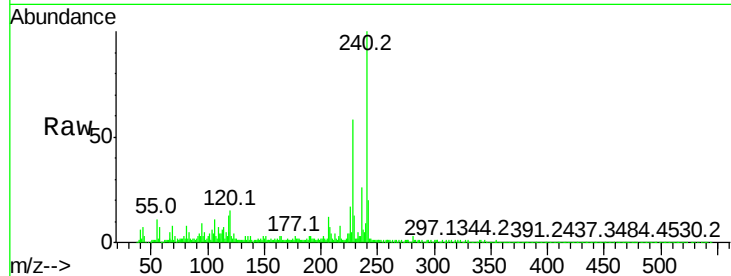
ClientSampleId :

DAZQ6

Tot Ion:	228	Resp:	538702
Ion Ratio	Lower	Upper	
228	100		
229	22.9	16.0	24.0
226	28.6	21.8	32.8

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:51 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 4.014 ng/ul

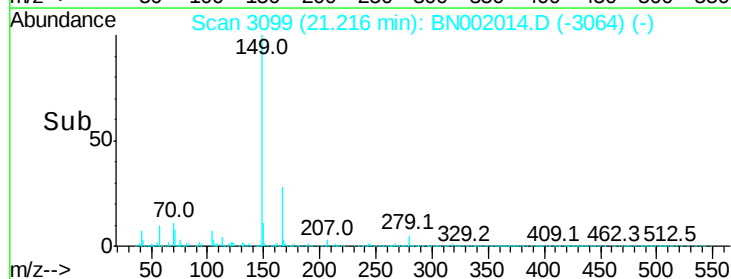
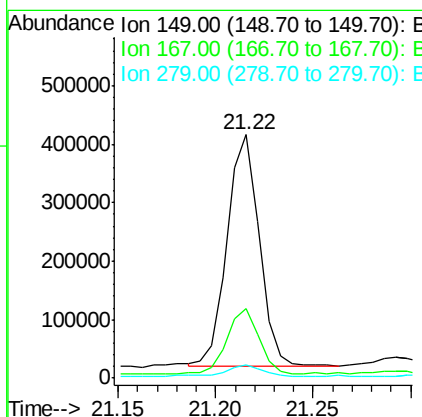
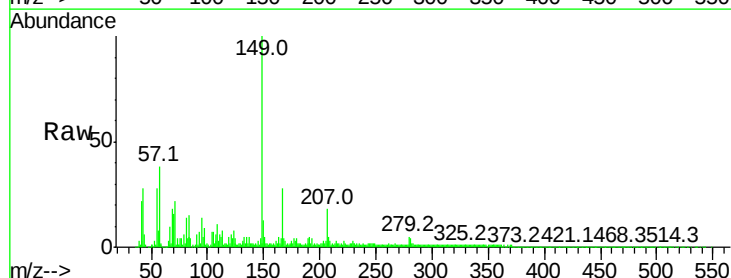
RT: 21.22 min Scan# 3099

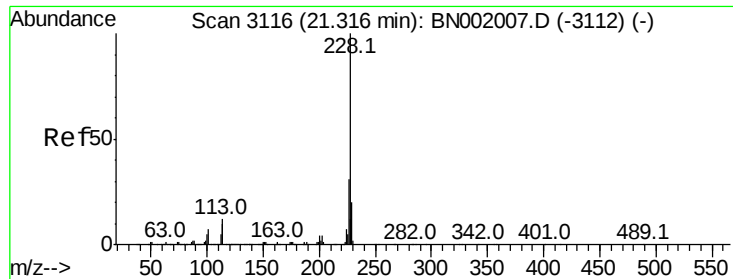
Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Tgt Ion:	149	Resp:	453953
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.0	34.6
279	5.2	4.3	6.5





#82

Chrysene

Concen: 3.357 ng/ul m

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

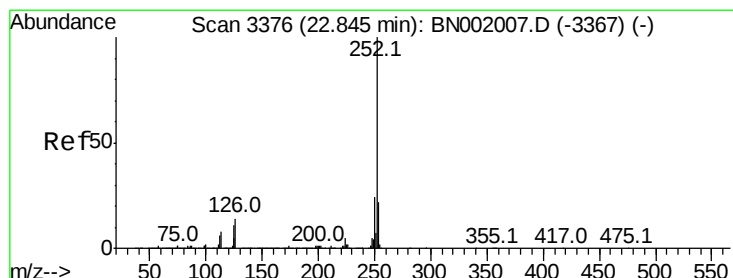
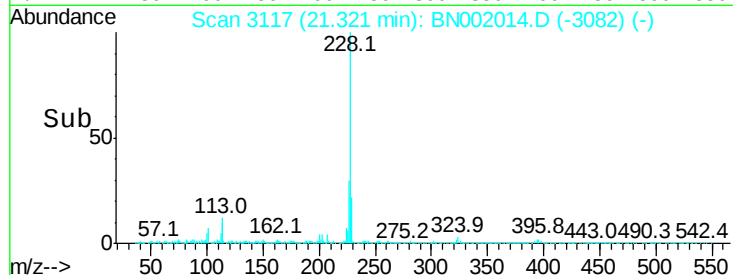
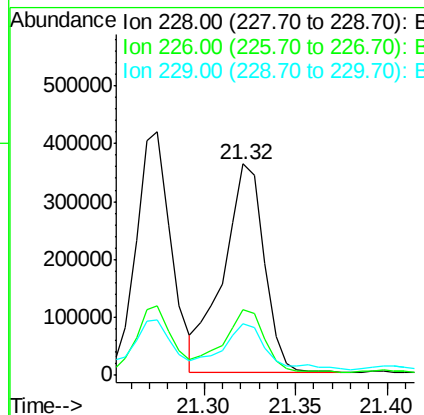
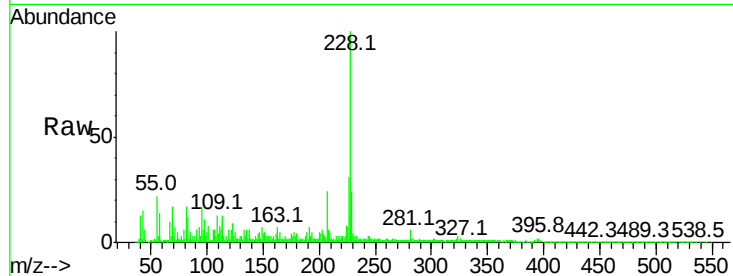
ClientSampled :

DAZQ6

Tot Ion:	228	Resp:	560661
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.1	36.1
229	24.3	16.0	24.0#

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:51 PM



#85

Benzo(b)fluoranthene

Concen: 4.189 ng/ul

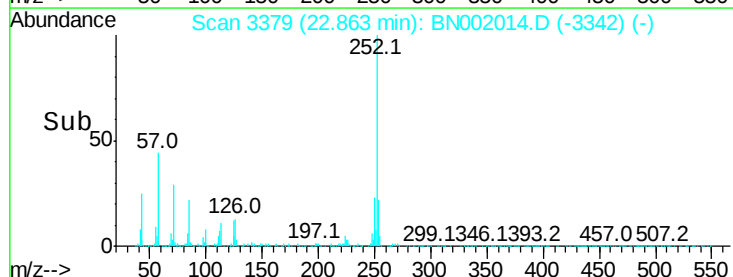
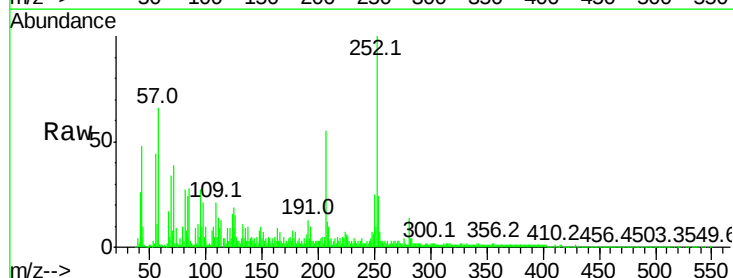
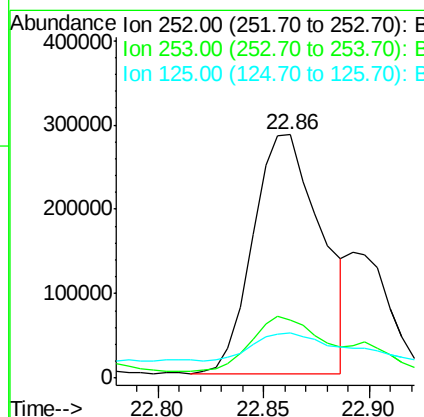
RT: 22.86 min Scan# 3379

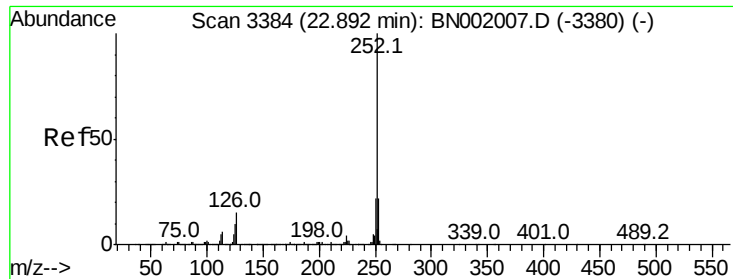
Delta R.T. 0.02 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Tgt Ion:	252	Resp:	633750
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	18.7	4.9	7.3#





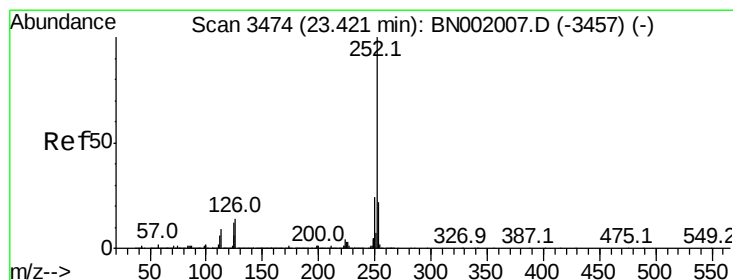
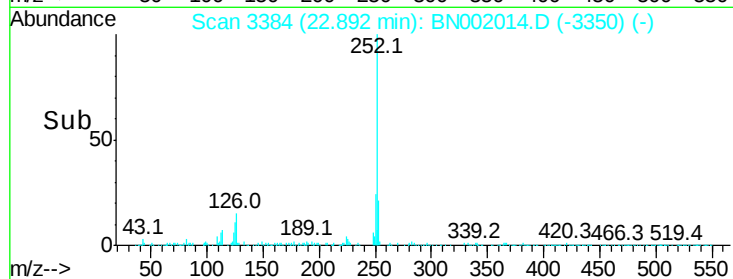
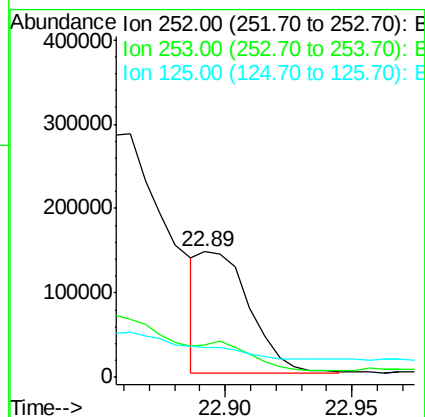
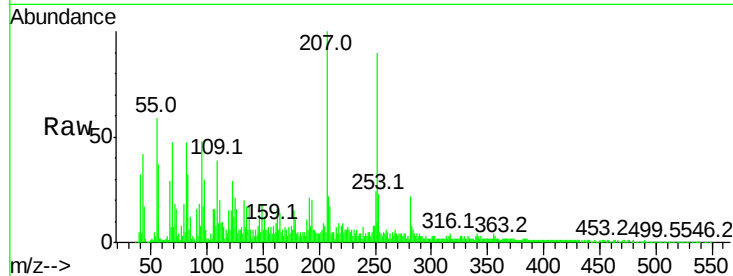
#86
Benzo(k)fluoranthene
Concen: 1.345 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Instrument :
BNA_N
ClientSampleId :
DAZQ6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.4	17.1	25.7
125	23.8	5.4	8.0#

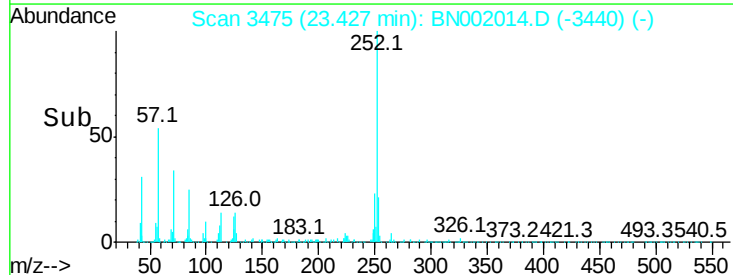
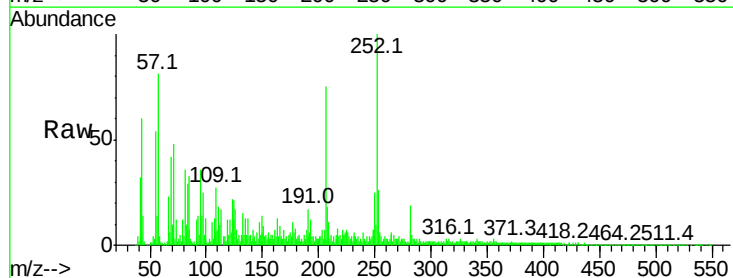
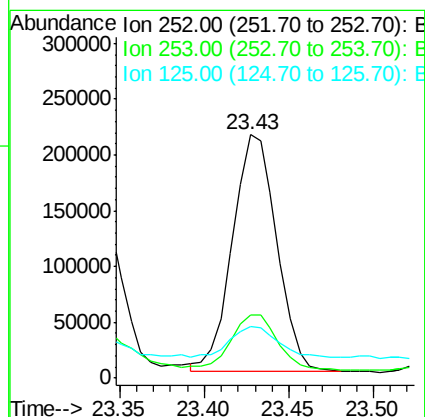
Manual Integrations
APPROVED

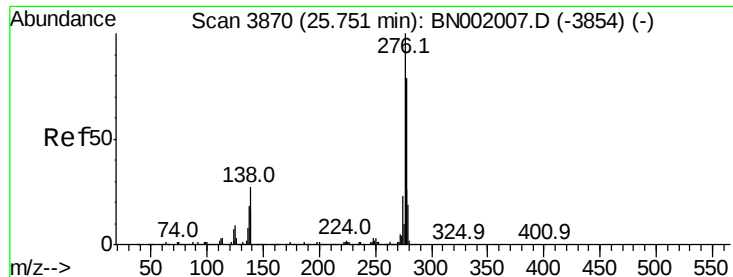
Sohil
7/12/2018 3:03:51 PM



#88
Benzo(a)pyrene
Concen: 2.720 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.1	17.2	25.8#
125	21.4	5.8	8.6#





#89

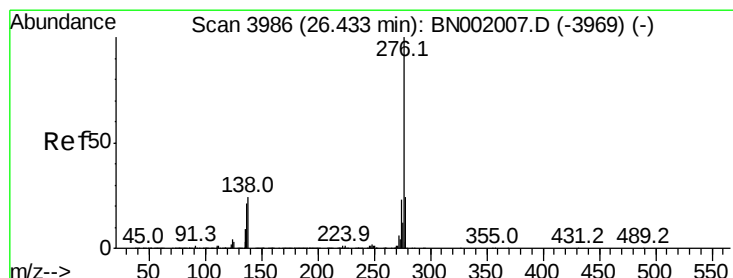
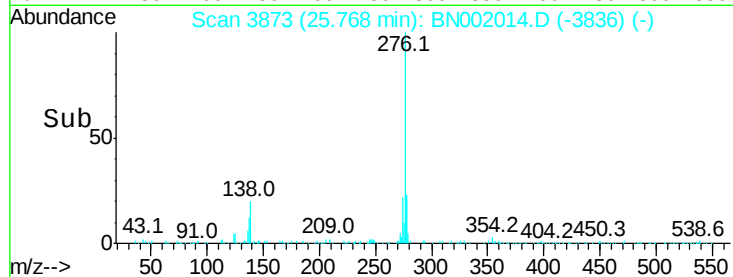
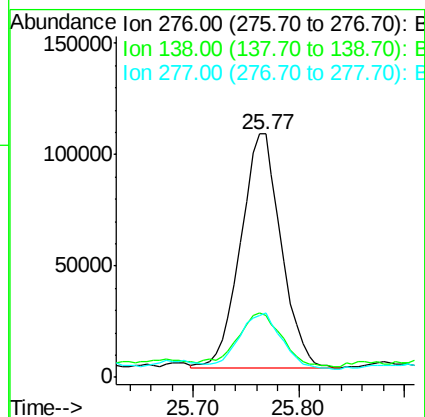
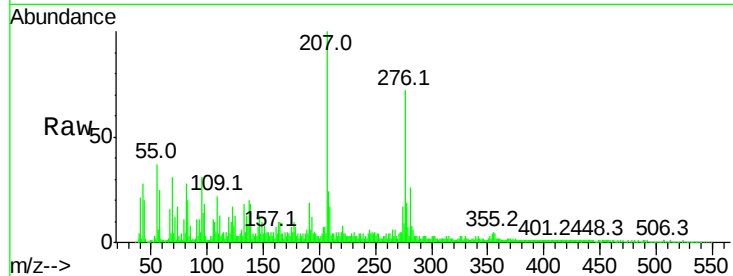
Indeno(1,2,3-cd)pyrene
Concen: 1.873 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. 0.02 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Instrument :
BNA_N
ClientSampled :
DAZQ6

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	10.9	16.3#
277	26.6	18.9	28.3

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:51 PM



#91

Benzo(g,h,i)perylene
Concen: 2.263 ng/ul
RT: 26.45 min Scan# 3989
Delta R.T. 0.02 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	11.2	16.8#
277	27.4	19.0	28.6

