

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002009.D
 Acq On : 11 Jul 2018 14:15
 Operator : JU/SJ
 Sample : J3775-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DAZQ5

Manual Integrations
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 7/12/2018 3:03:41 PM

Quant Time: Jul 11 18:57:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 10 01:03:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	531970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2483979	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1444109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3172120	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2804925	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	2353783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	47512	3.88	ng/uL	0.00
5) Phenol-d5	6.89	99	1209133	25.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	764636	25.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	971429	25.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	969830	25.15	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	502888	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	569744	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1025059	25.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	878331	20.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3058557	25.08	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3975470	26.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	449844	20.02	ng/ul	0.00
57) Fluorene-d10	15.33	176	2752738	25.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	403553	23.36	ng/ul	0.00
70) Anthracene-d10	17.18	188	4050593	26.43	ng/ul	0.00
76) Pyrene-d10	19.48	212	4222481	29.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	3347290	26.15	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.91	94	73364	1.511	ng/ul	98
28) Naphthalene	10.53	128	150429	1.141	ng/ul	99
44) Dimethylphthalate	13.79	163	890490	7.430	ng/ul	99
69) Phenanthrene	17.12	178	427077	2.390	ng/ul	98
74) Fluoranthene	19.15	202	779501	4.150	ng/ul#	90
77) Pyrene	19.51	202	762346	4.343	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	218403	2.916	ng/ul	94
80) Benzo(a)anthracene	21.28	228	439695	2.480	ng/ul#	93
82) Chrysene	21.33	228	505191	3.063	ng/ul#	95
85) Benzo(b)fluoranthene	22.87	252	751326	5.054	ng/ul#	91
86) Benzo(k)fluoranthene	22.91	252	169016m	1.172	ng/ul	
88) Benzo(a)pyrene	23.44	252	457357	3.292	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.78	276	409864	2.773	ng/ul#	87
91) Benzo(g,h,i)perylene	26.46	276	400626	3.285	ng/ul#	87

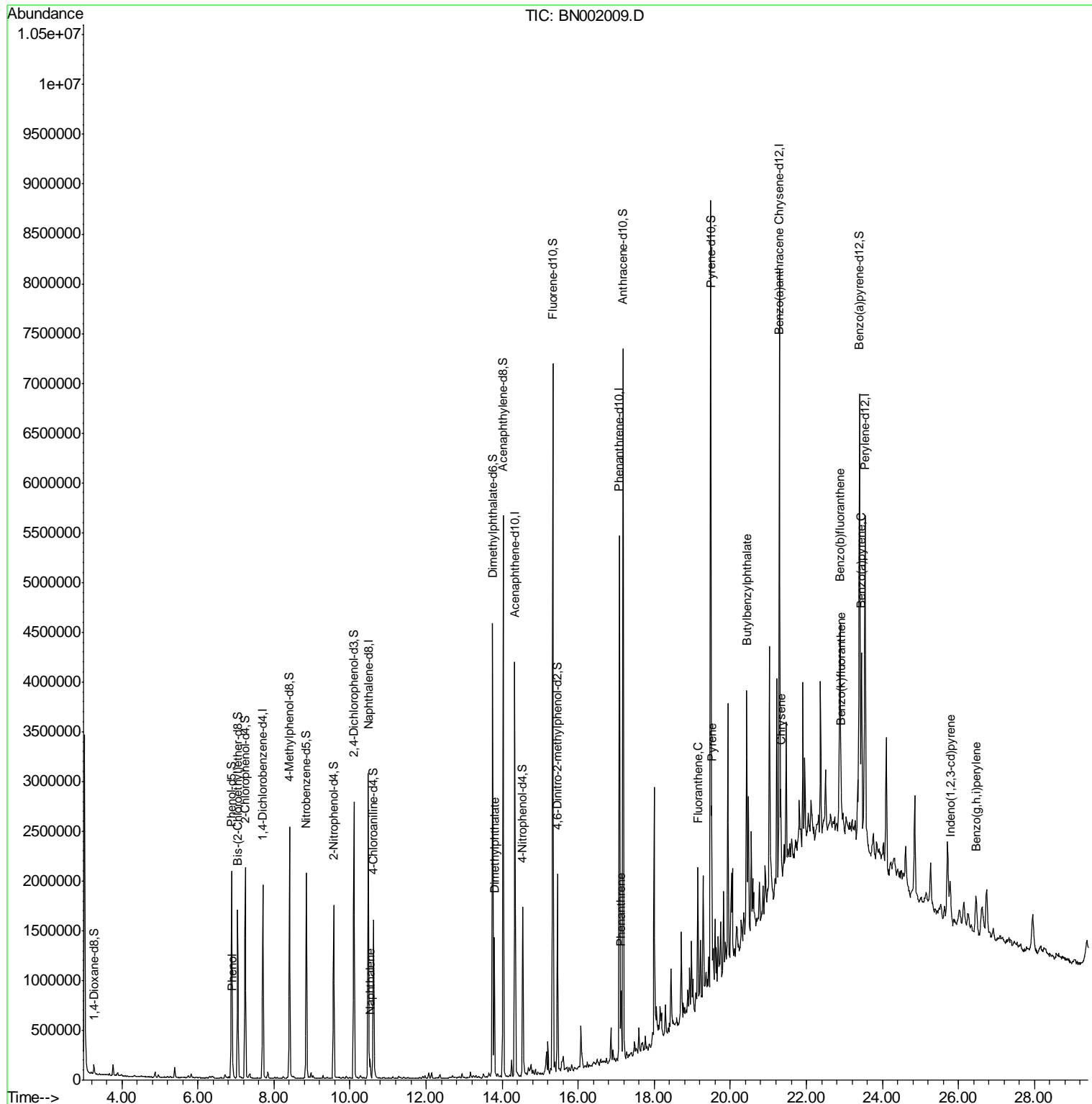
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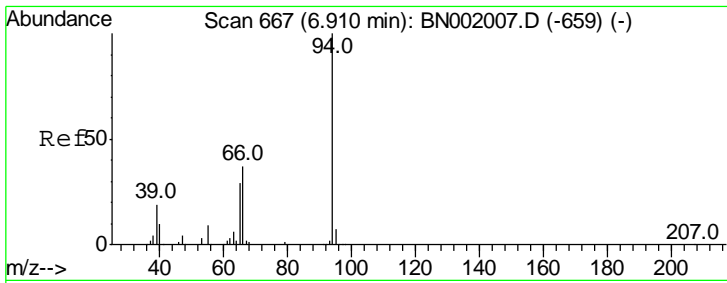
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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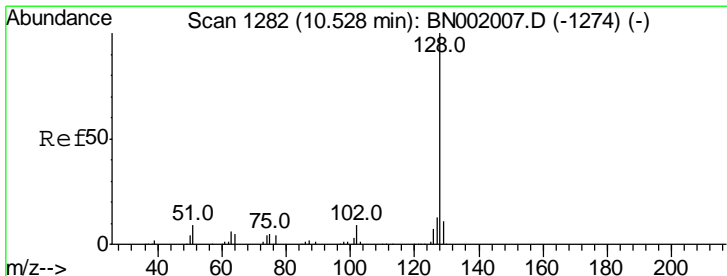
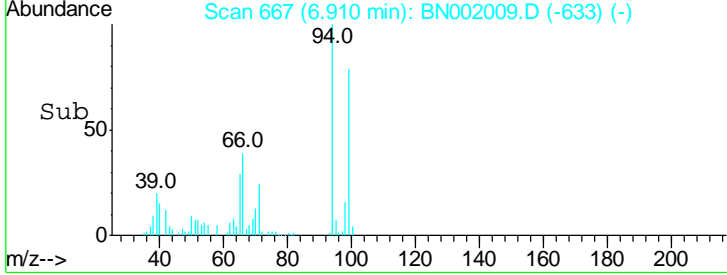
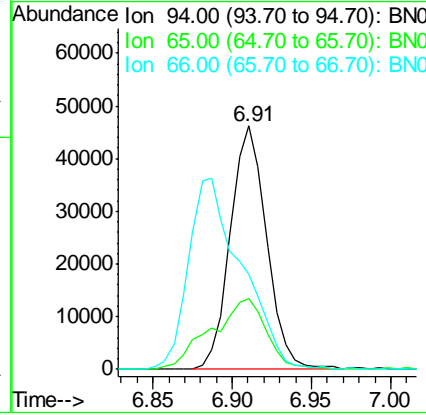
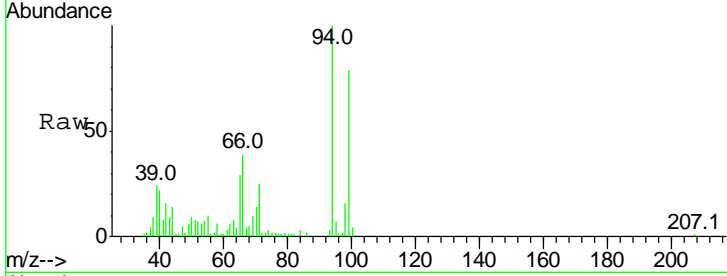
#6
 Phenol
 Concen: 1.511 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
ClientSampled :
 DAZQ5

Tgt Ion	Resp	Lower	Upper
94	100		
65	29.3	23.0	34.6
66	39.3	30.4	45.6

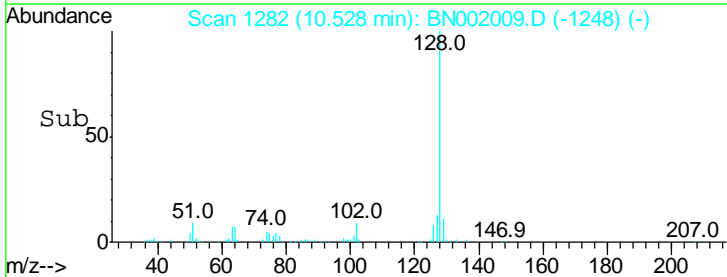
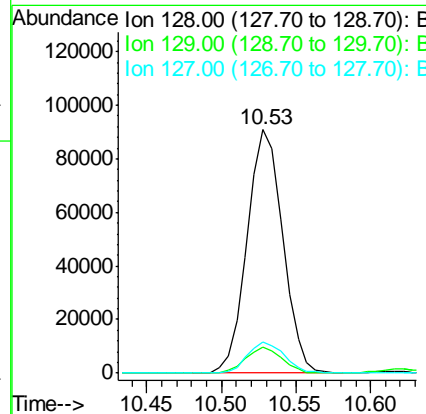
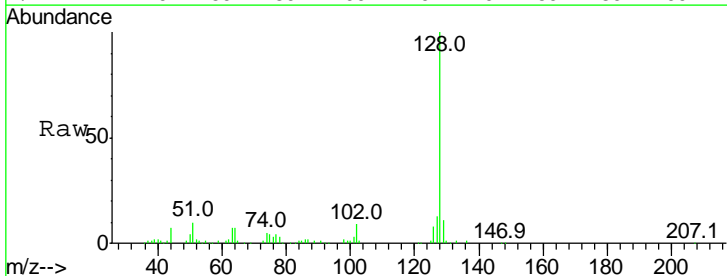
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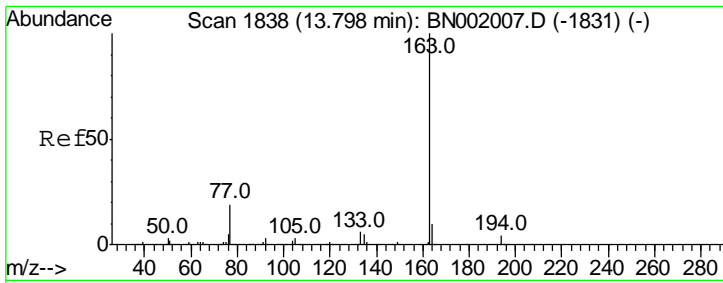
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#28
 Naphthalene
 Concen: 1.141 ng/ul
 RT: 10.53 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Tgt Ion	Resp	Lower	Upper
128	100		
129	10.5	8.3	12.5
127	12.7	10.8	16.2



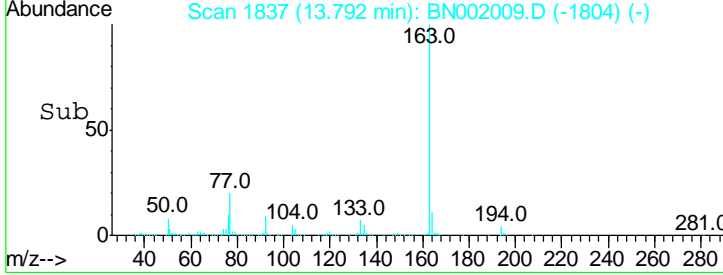
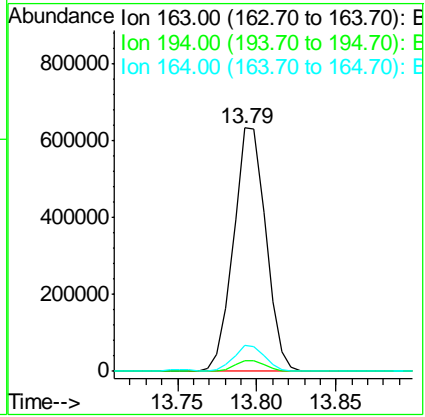
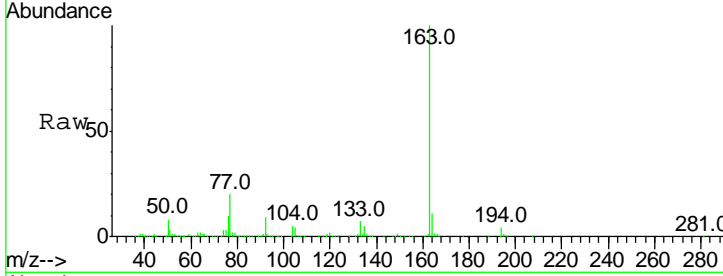


#44
 Dimethylphthalate
 Concen: 7.430 ng/ul
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
ClientSampled :
 DAZQ5

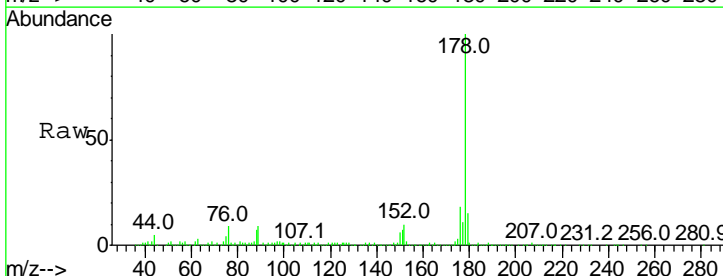
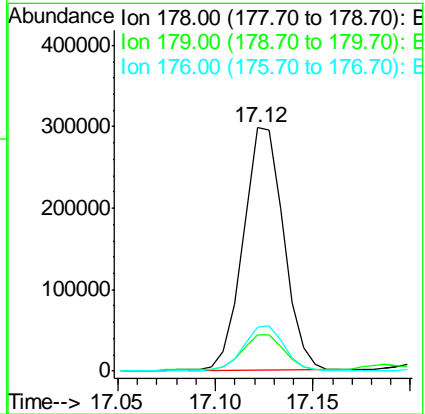
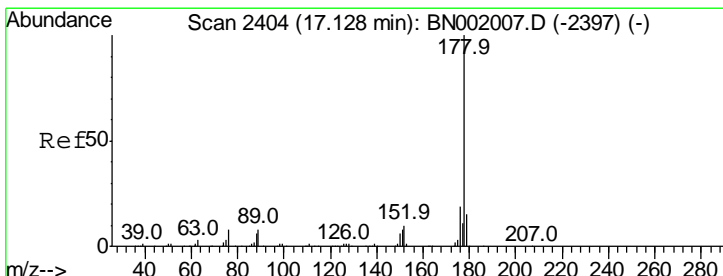
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.5	8.4	12.6

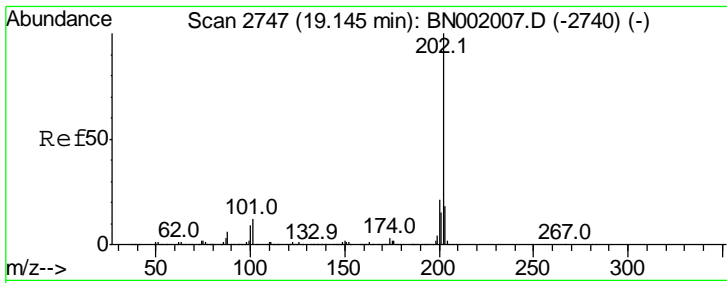
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#69
 Phenanthrene
 Concen: 2.390 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.2	15.4	23.0





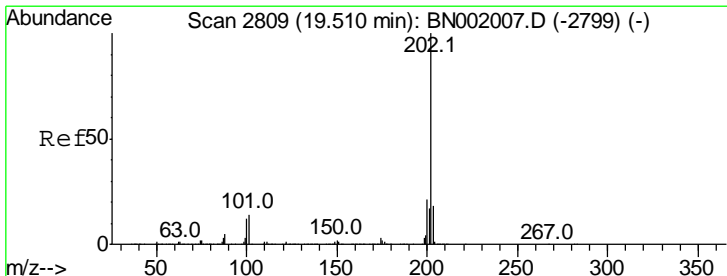
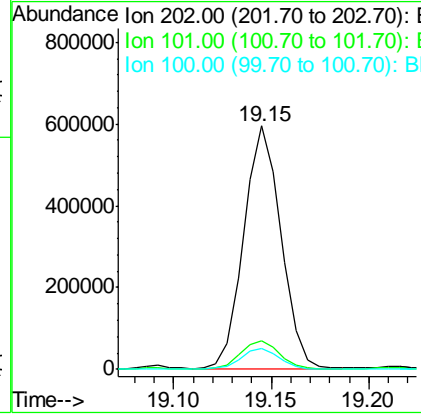
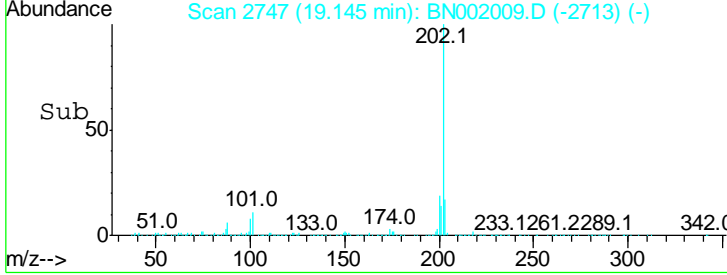
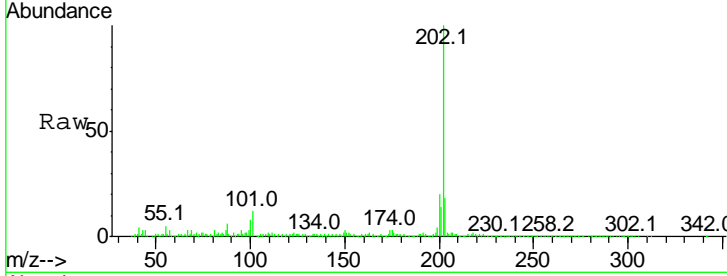
#74
 Fluoranthene
 Concen: 4.150 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
ClientSampled :
 DAZQ5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.1	9.1#
100	8.5	4.6	7.0#

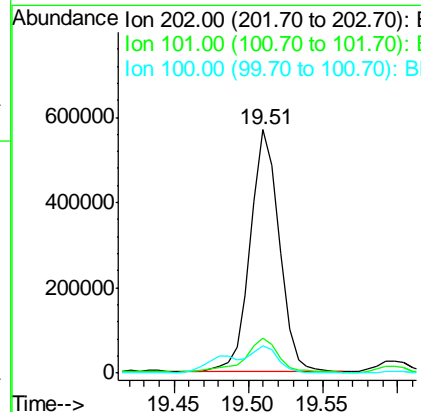
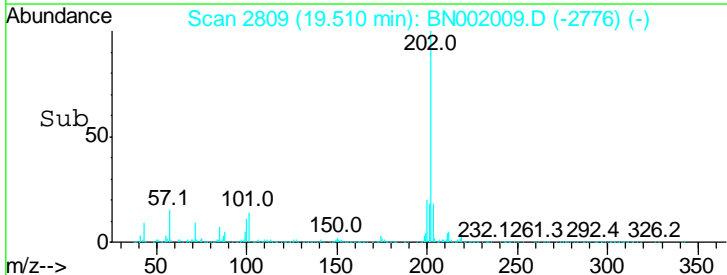
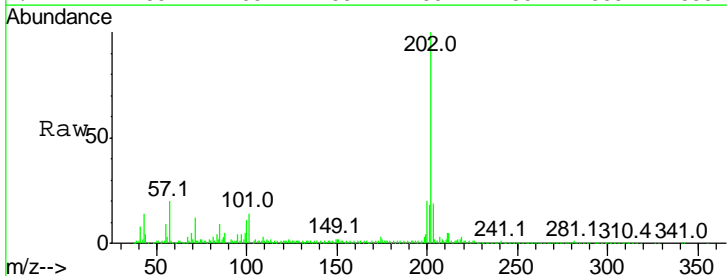
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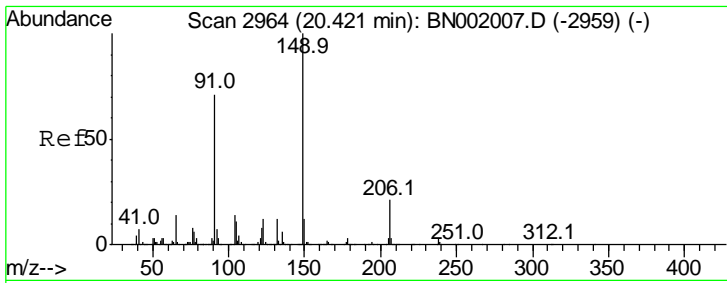
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#77
 Pyrene
 Concen: 4.343 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

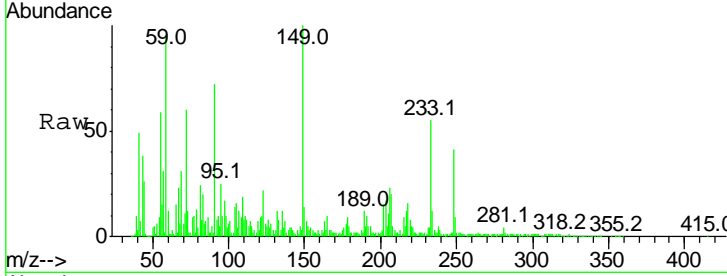
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	6.9	10.3#
100	11.3	5.6	8.4#





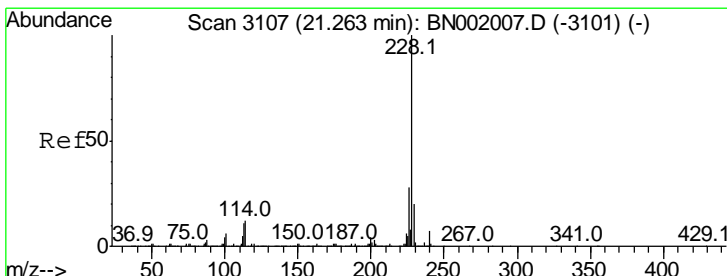
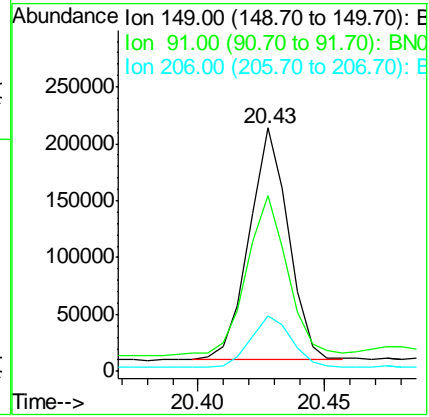
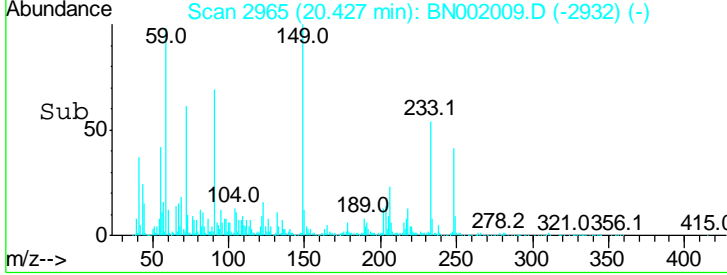
#78
 Butylbenzylphthalate
 Concen: 2.916 ng/ul
 RT: 20.43 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
Client Sampled :
 DAZQ5

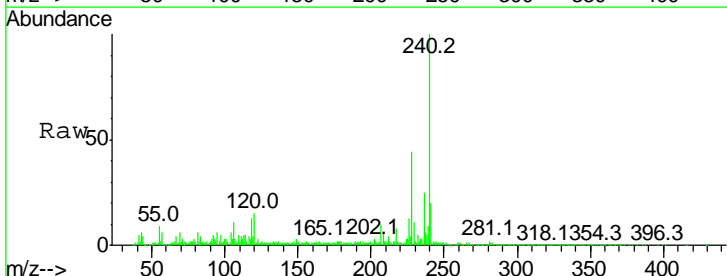


Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	53.4	80.0
206	23.0	19.3	28.9

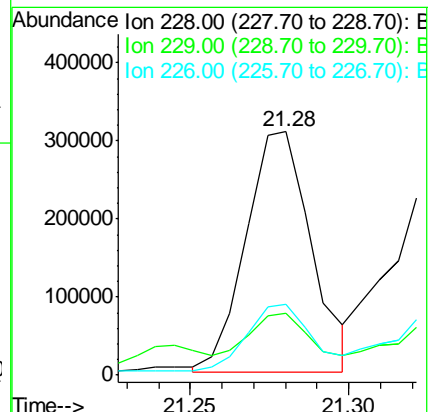
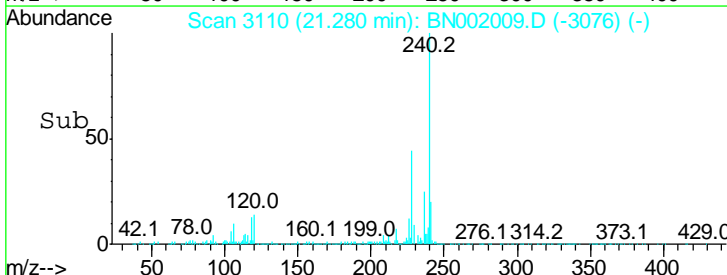
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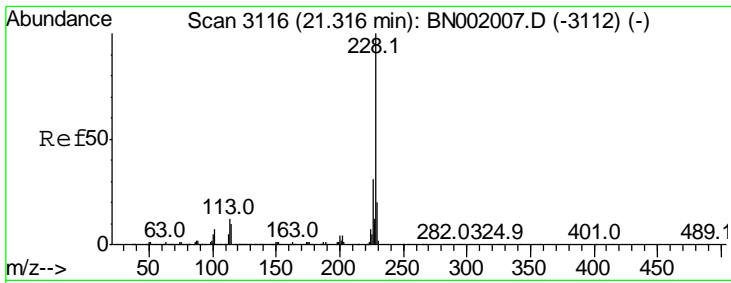


#80
 Benzo(a)anthracene
 Concen: 2.480 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15



Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.2	16.0	24.0#
226	29.1	21.8	32.8



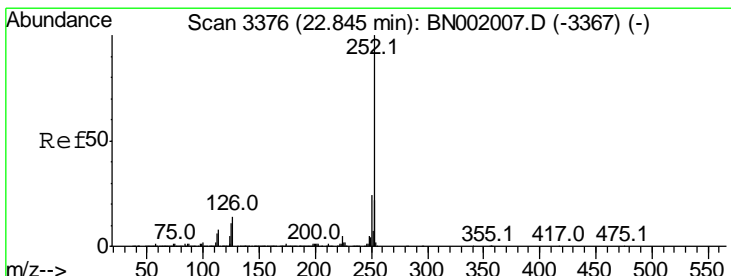
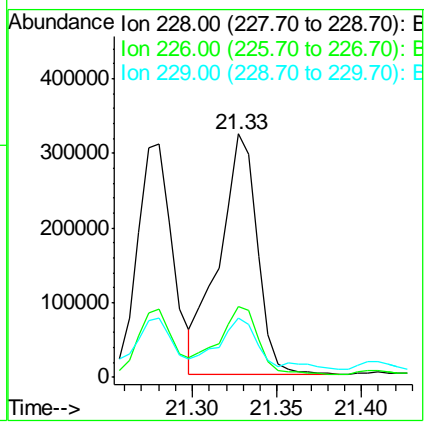
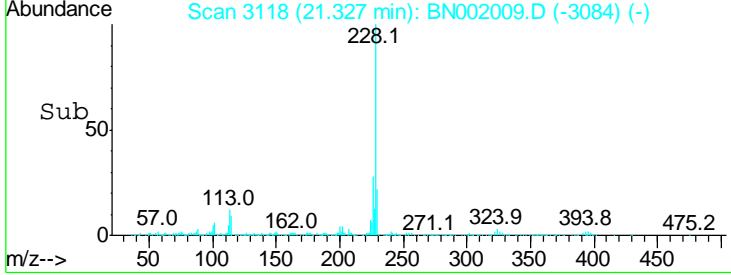
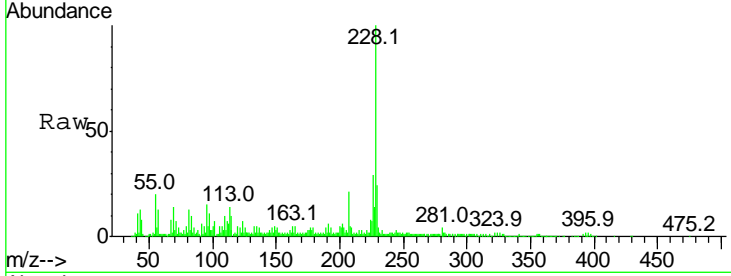


#82
 Chrysene
 Concen: 3.063 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
ClientSampled :
 DAZQ5

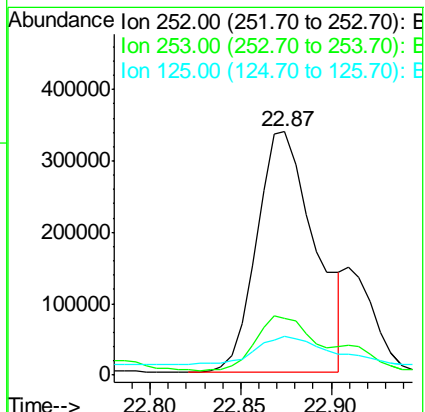
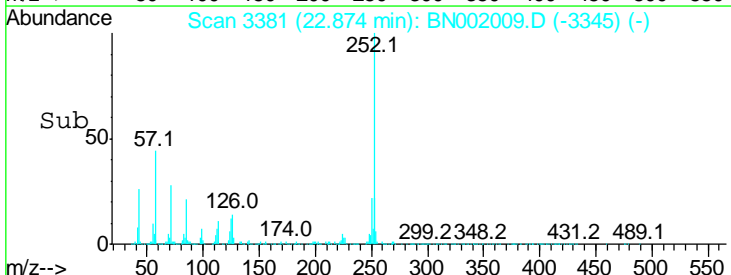
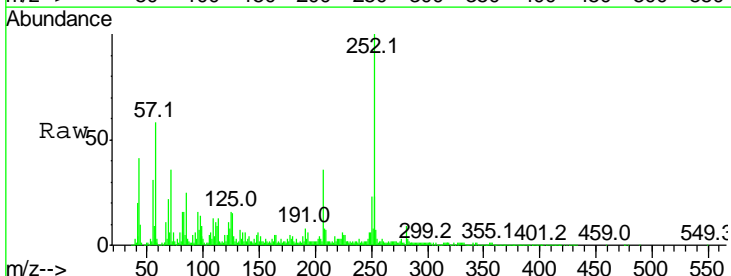
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	24.4	16.0	24.0

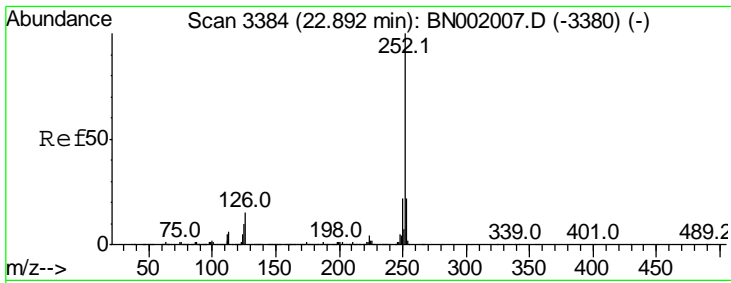
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#85
 Benzo(b)fluoranthene
 Concen: 5.054 ng/ul
 RT: 22.87 min Scan# 3381
 Delta R.T. 0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

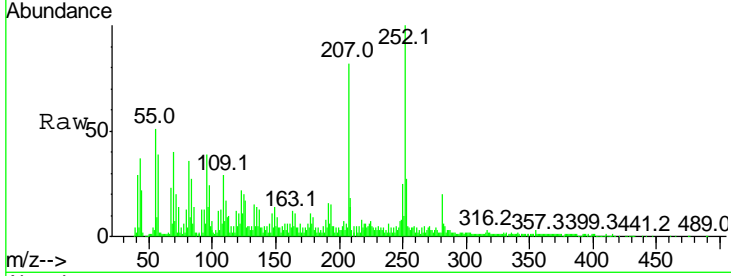
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	16.0	4.9	7.3





#86
 Benzo(k)fluoranthene
 Concen: 1.172 ng/ul m
 RT: 22.91 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

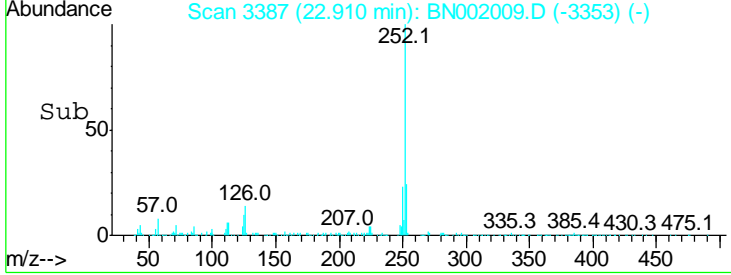
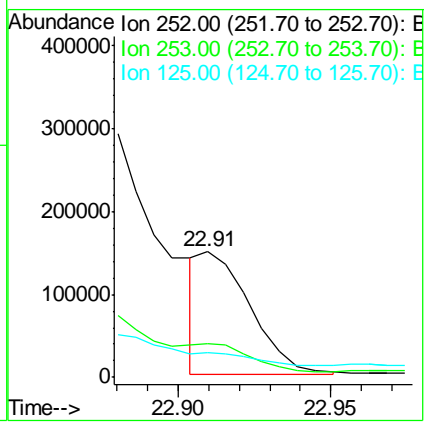
Instrument :
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Client Sampled :
 DAZQ5



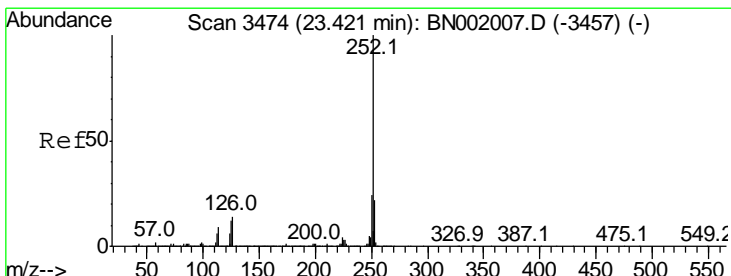
Tgt Ion: 252 Resp: 169016

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	19.9	5.4	8.0#

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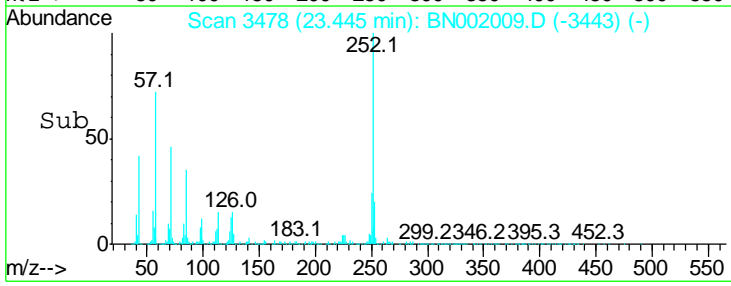
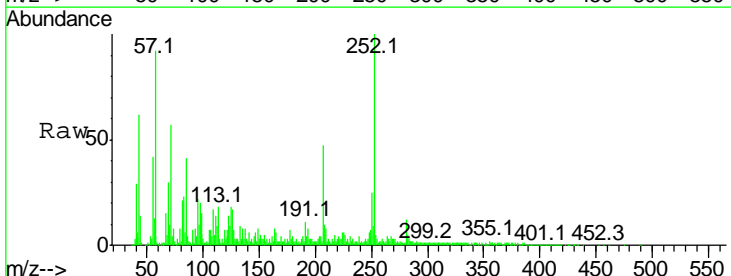
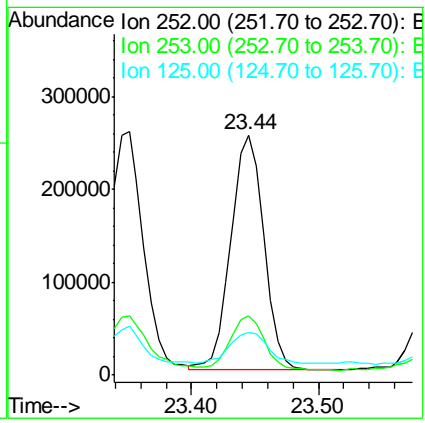


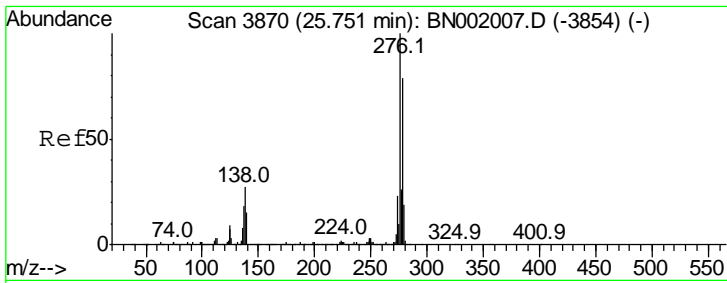
#88
 Benzo(a)pyrene
 Concen: 3.292 ng/ul
 RT: 23.44 min Scan# 3478
 Delta R.T. 0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15



Tgt Ion: 252 Resp: 457357

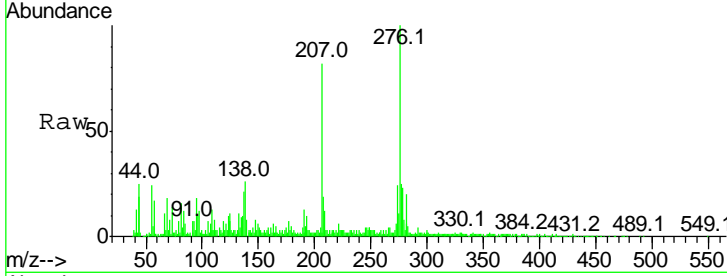
Ion	Ratio	Lower	Upper
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125	17.9	5.8	8.6#





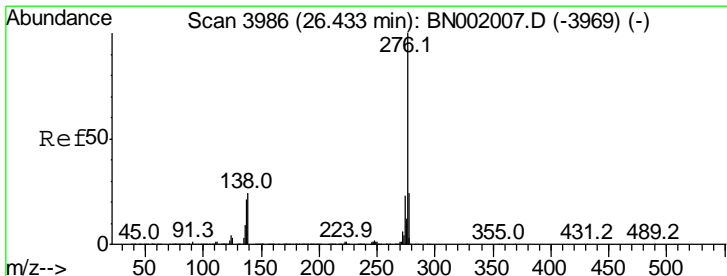
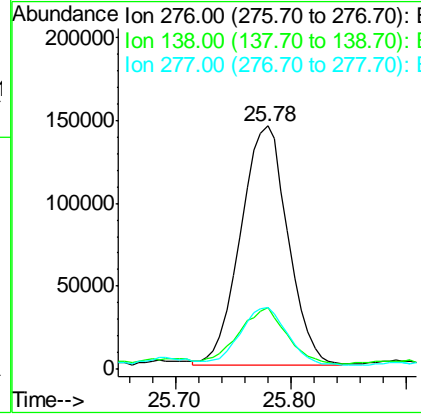
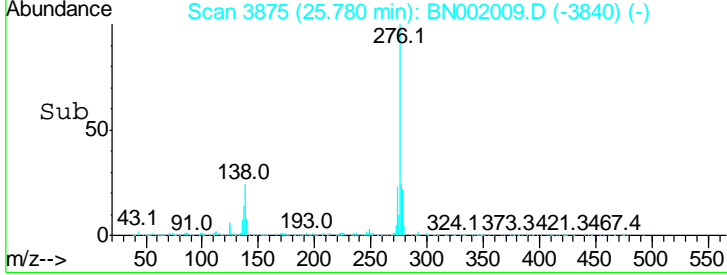
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.773 ng/ul
 RT: 25.78 min Scan# 3875
 Delta R.T. 0.01 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15

Instrument :
 BNA_N
ClientSampled :
 DAZQ5

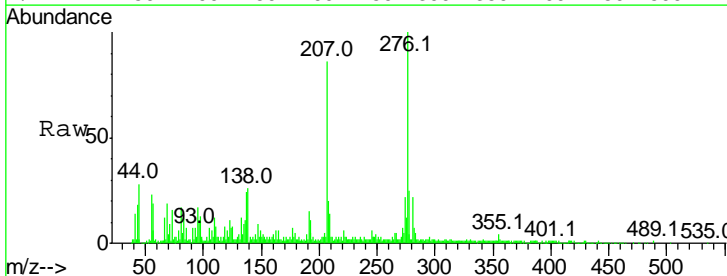


Tgt Ion	Resp	Lower	Upper
276	100		
138	25.6	10.9	16.3#
277	25.2	18.9	28.3

Manual Integrations
APPROVED
 Sohil
 7/12/2018 3:03:41 PM



#91
 Benzo(g,h,i)perylene
 Concen: 3.285 ng/ul
 RT: 26.46 min Scan# 3990
 Delta R.T. -0.00 min
 Lab File: BN002009.D
 Acq: 11 Jul 2018 14:15



Tgt Ion	Resp	Lower	Upper
276	100		
138	26.3	11.2	16.8#
277	25.2	19.0	28.6

