

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002018.D
 Acq On : 11 Jul 2018 19:32
 Operator : JU/SJ
 Sample : J3775-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ0

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:04:00 PM

Quant Time: Jul 12 00:09:48 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	494631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2223140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1301034	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	2906944	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	2350794	20.00	ng/ul	0.01
83) Perylene-d12	23.54	264	2078460	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	53250m	4.68	ng/uL	0.00
5) Phenol-d5	6.90	99	1293350	28.89	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.05	67	782834	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1039578	29.29	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	862893	24.06	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	536888	32.52	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	610252	35.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1080706	29.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	599682	15.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	3328826	30.30	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4247972	31.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	520243	25.70	ng/ul	0.02
57) Fluorene-d10	15.34	176	3042642	31.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	297309	18.78	ng/ul	0.01
70) Anthracene-d10	17.19	188	4624497	32.93	ng/ul	0.01
76) Pyrene-d10	19.49	212	4715325	39.79	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.40	264	3633566	32.15	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.92	94	76139	1.687	ng/ul	96
44) Dimethylphthalate	13.80	163	853138	7.901	ng/ul	100
47) Acenaphthylene	14.06	152	168041	1.284	ng/ul	100
69) Phenanthrene	17.13	178	1531248	9.351	ng/ul	99
71) Anthracene	17.23	178	342197	2.064	ng/ul	97
72) Carbazole	17.50	167	183801	1.324	ng/ul	95
73) Di-n-butylphthalate	18.07	149	1743827	9.946	ng/ul	99
74) Fluoranthene	19.16	202	3451490	20.052	ng/ul#	90
77) Pvrene	19.52	202	2883888	19.603	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	436581	6.955	ng/ul	94
80) Benzo(a)anthracene	21.28	228	1512139	10.178	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.22	149	690837	7.380	ng/ul	98
82) Chrysene	21.33	228	1706020	12.341	ng/ul	97
85) Benzo(b)fluoranthene	22.87	252	2424272	18.467	ng/ul#	91
86) Benzo(k)fluoranthene	22.90	252	701121m	5.508	ng/ul	
88) Benzo(a)pyrene	23.45	252	1350423	11.008	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.79	276	1206749	9.245	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.79	278	327897	3.018	ng/ul#	75
91) Benzo(g,h,i)perylene	26.47	276	1119990	10.401	ng/ul#	90

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

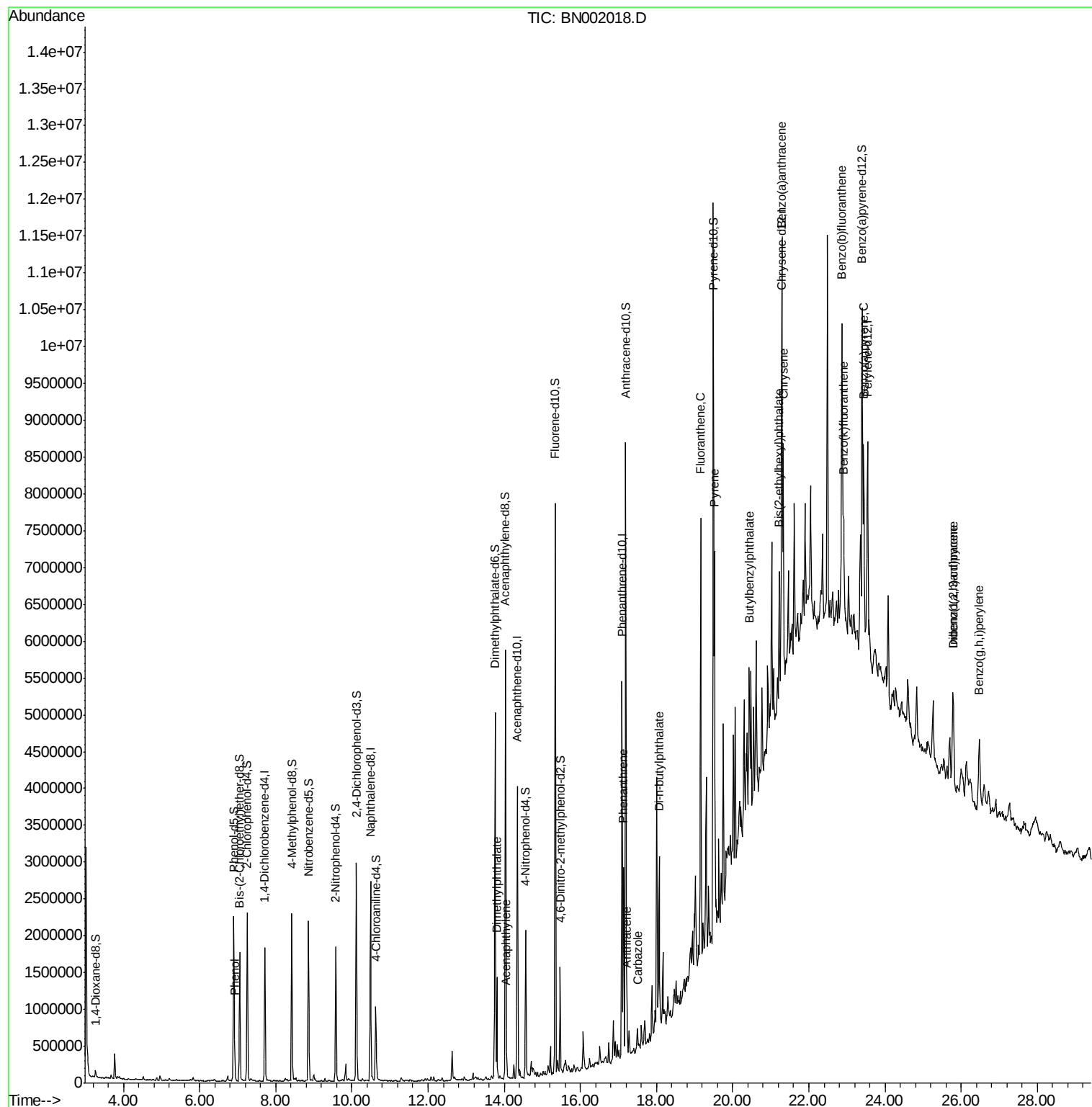
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002018.D
Acq On : 11 Jul 2018 19:32
Operator : JU/SJ
Sample : J3775-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

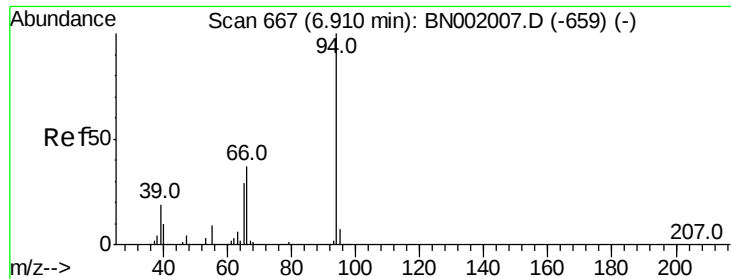
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.687 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

ClientSampleId :

DAZQ0

Tot Ion: 94 Resp: 76139

Ion Ratio Lower Upper

94 100

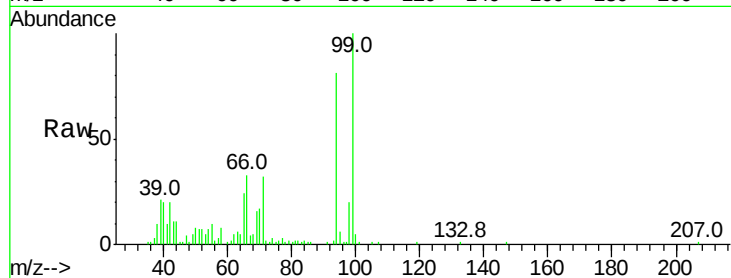
65 29.7 23.0 34.6

66 41.2 30.4 45.6

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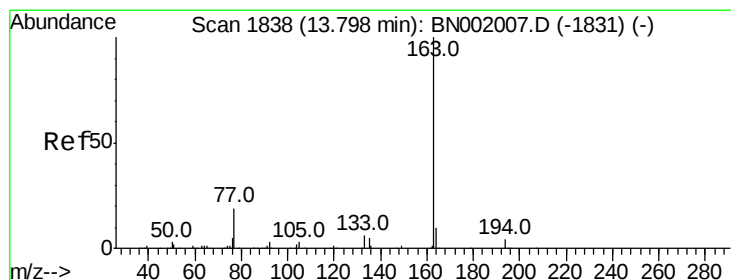
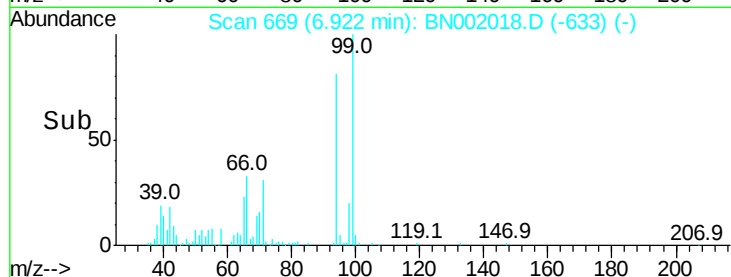
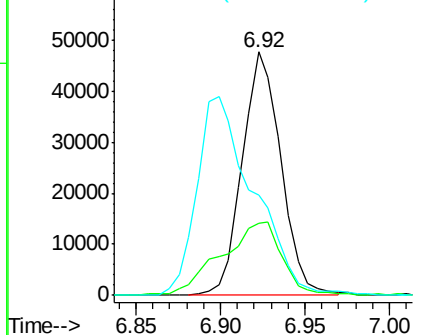
7/12/2018 3:04:00 PM



Abundance Ion 94.00 (93.70 to 94.70): BN002007.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BN002007.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BN002007.D (-659) (-)



#44

Dimethylphthalate

Concen: 7.901 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

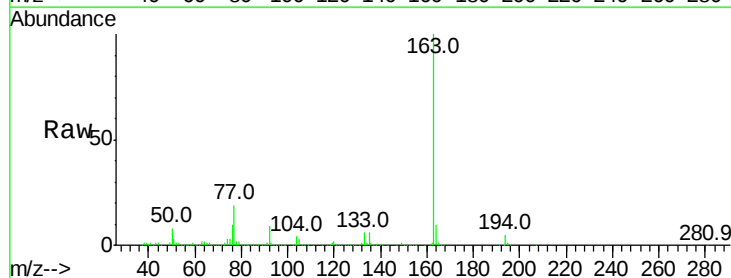
Tgt Ion:163 Resp: 853138

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

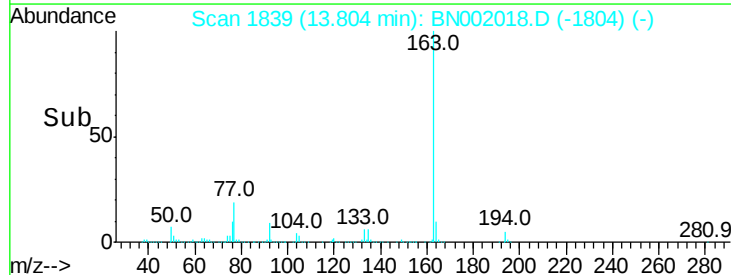
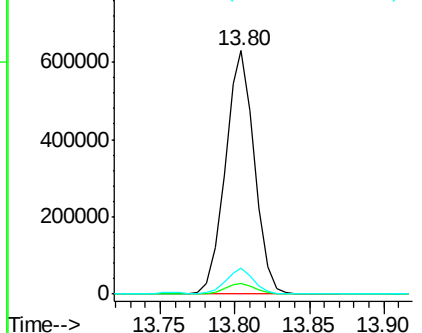
164 10.4 8.4 12.6

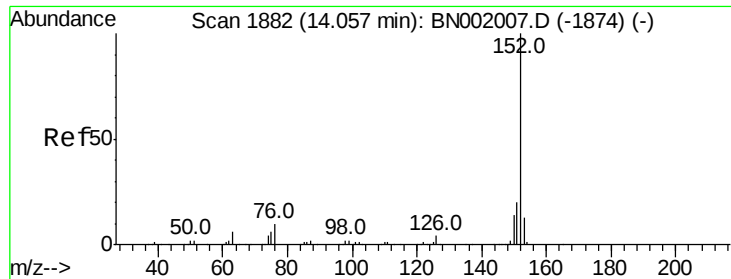


Abundance Ion 163.00 (162.70 to 163.70): BN002007.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BN002007.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BN002007.D (-1831) (-)





#47

Acenaphthylene

Concen: 1.284 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

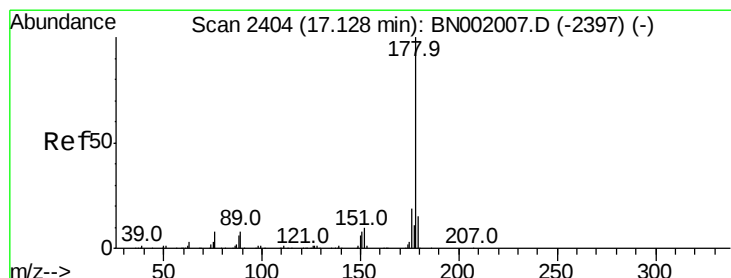
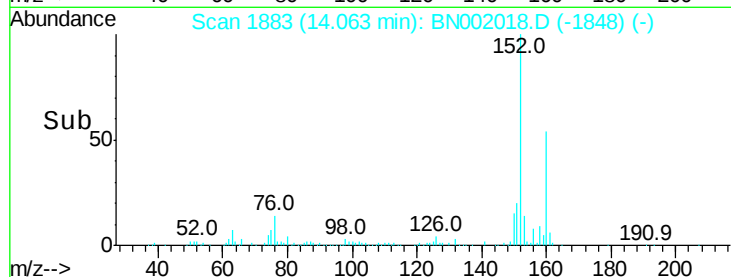
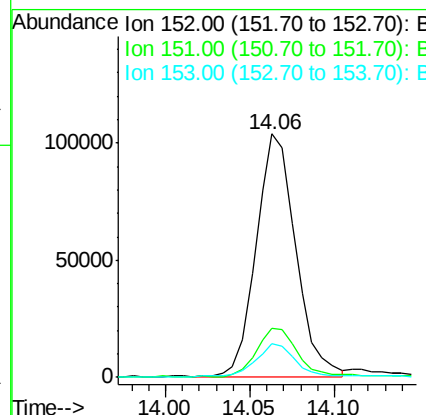
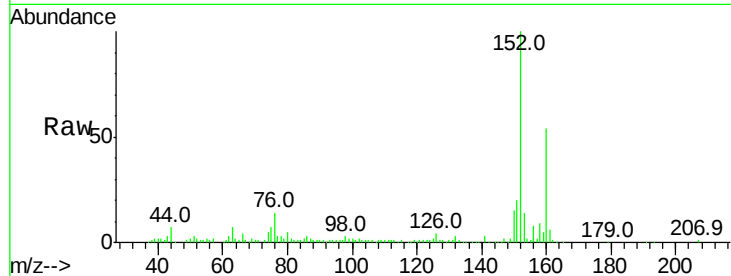
ClientSampleId :

DAZQ0

Tot Ion:	152	Resp:	168041
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.6	10.8	16.2

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#69

Phenanthrene

Concen: 9.351 ng/ul

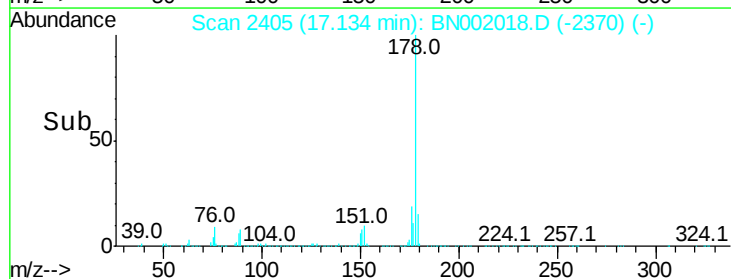
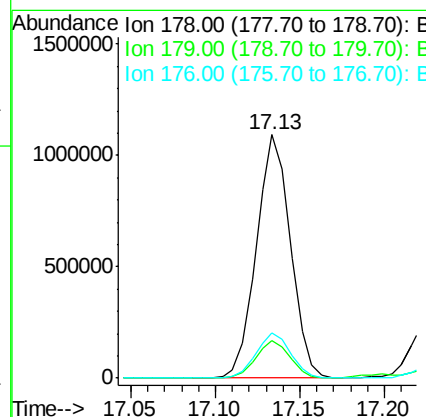
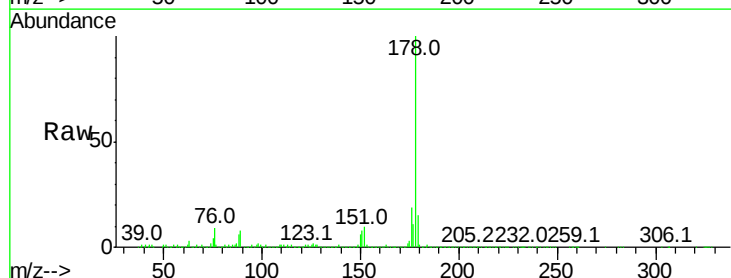
RT: 17.13 min Scan# 2405

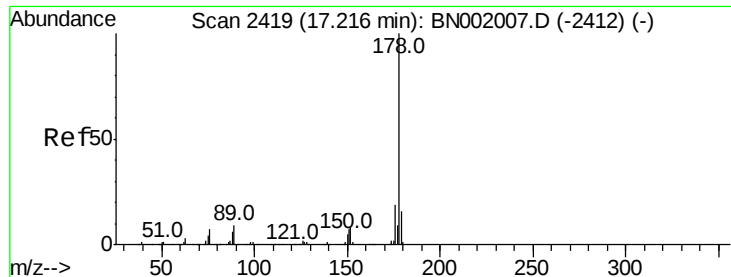
Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Tgt Ion:	178	Resp:	1531248
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.8	15.4	23.0





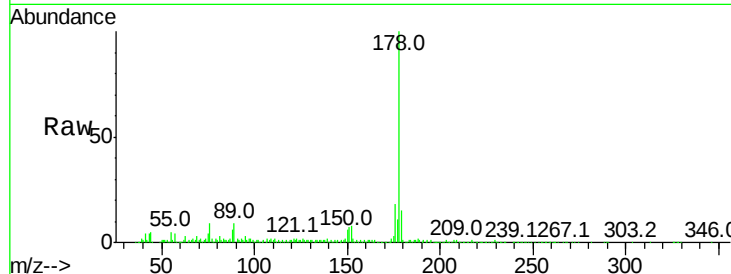
#71
 Anthracene
 Concen: 2.064 ng/ul
 RT: 17.23 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: BN002018.D
 Acq: 11 Jul 2018 19:32

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.4	20.2
176	18.3	15.4	23.0

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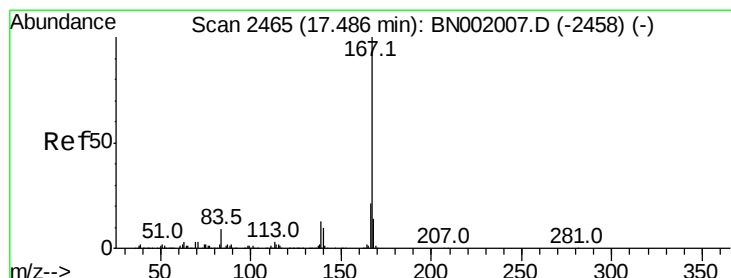
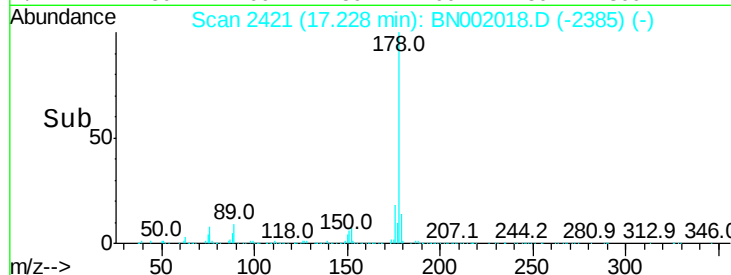
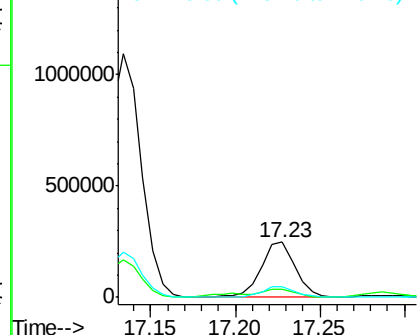


Abundance

Ion 178.00 (177.70 to 178.70): E

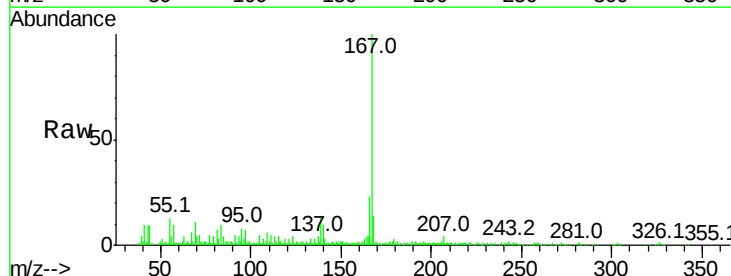
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72
 Carbazole
 Concen: 1.324 ng/ul
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BN002018.D
 Acq: 11 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.0	25.4
139	13.7	9.1	13.7

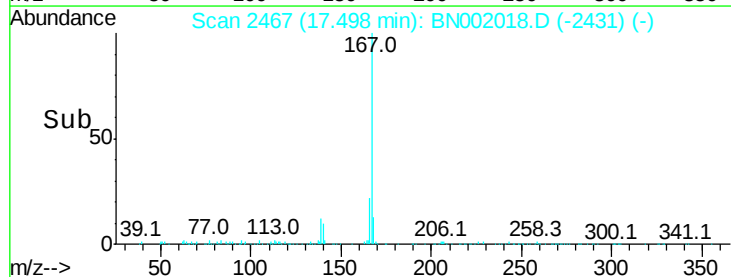
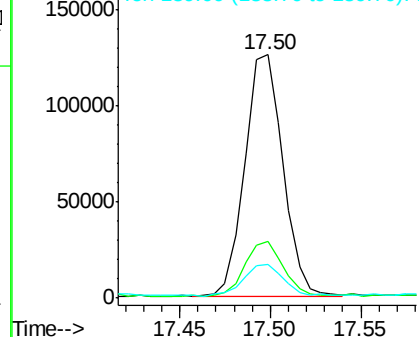


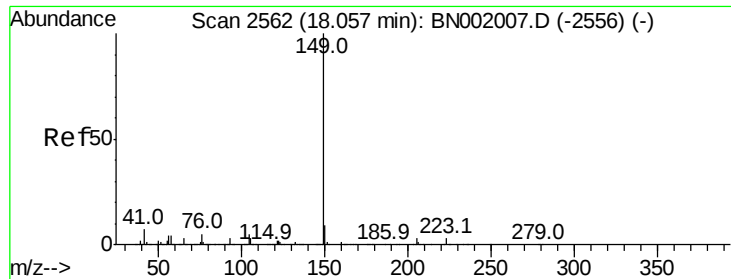
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 9.946 ng/ul

RT: 18.07 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

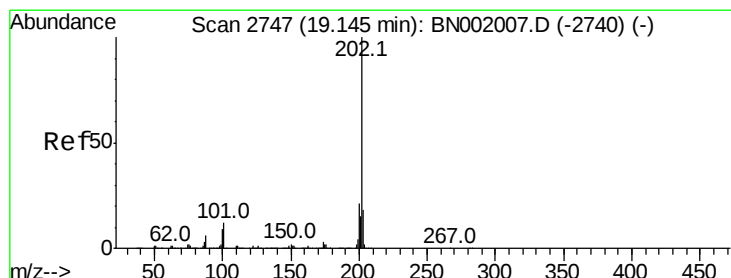
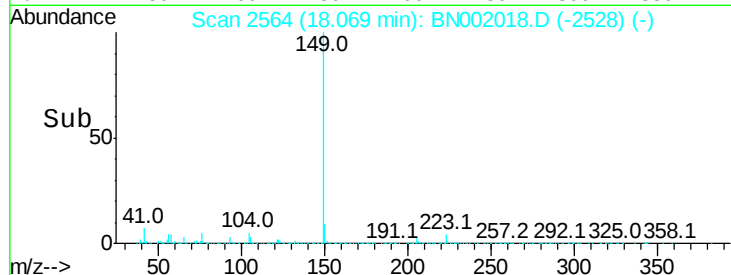
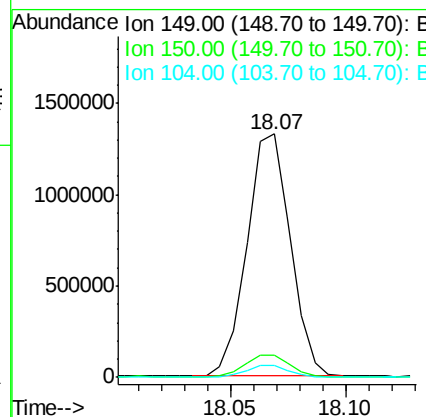
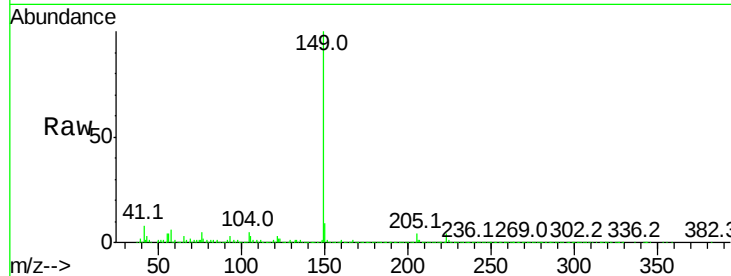
ClientSampleId :

DAZQ0

Tot Ion:	149	Resp:	1743827
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	4.1	6.1

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#74

Fluoranthene

Concen: 20.052 ng/ul

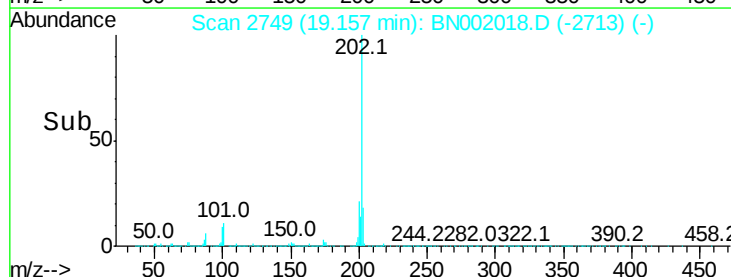
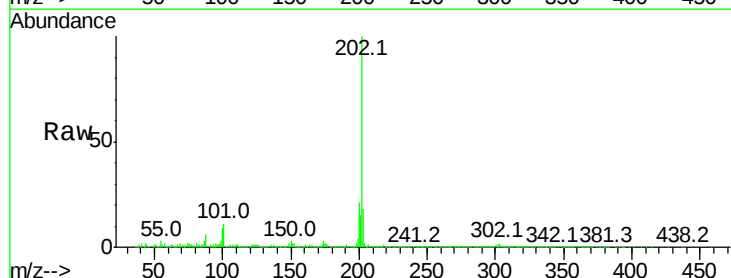
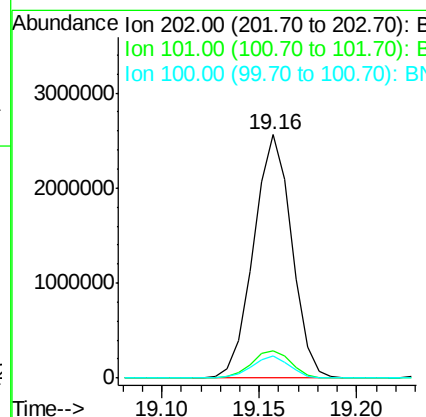
RT: 19.16 min Scan# 2749

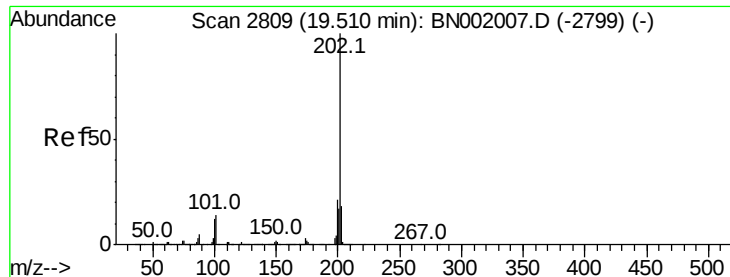
Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Tgt Ion:	202	Resp:	3451490
Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	8.8	4.6	7.0#





#77

Pvrene

Concen: 19.603 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

ClientSampled :

DAZQ0

Tot Ion:202 Resp: 2883888

Ion Ratio Lower Upper

202 100

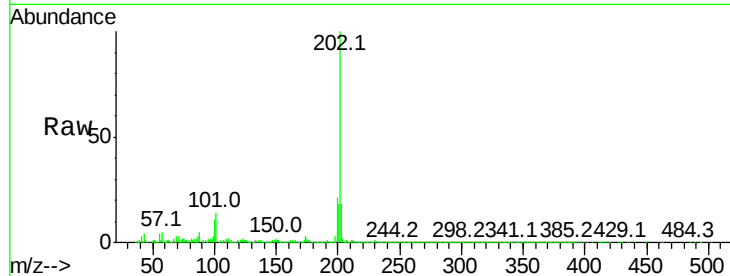
101 13.7 6.9 10.3#

100 11.1 5.6 8.4#

Manual Integrations
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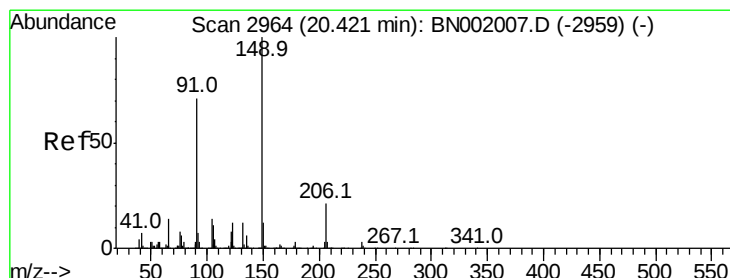
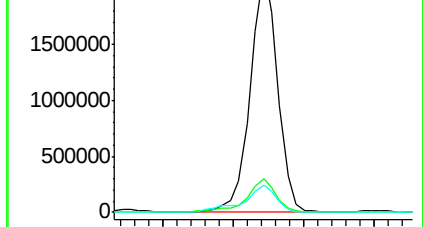
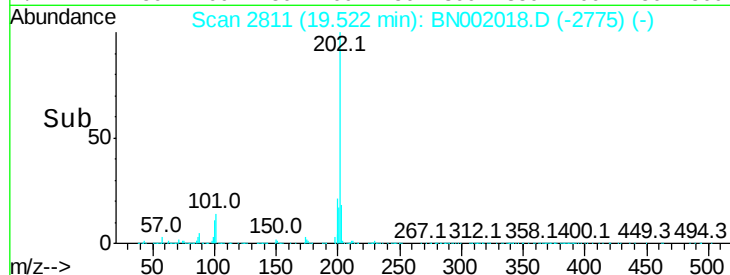


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#78

Butylbenzylphthalate

Concen: 6.955 ng/ul

RT: 20.43 min Scan# 2966

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

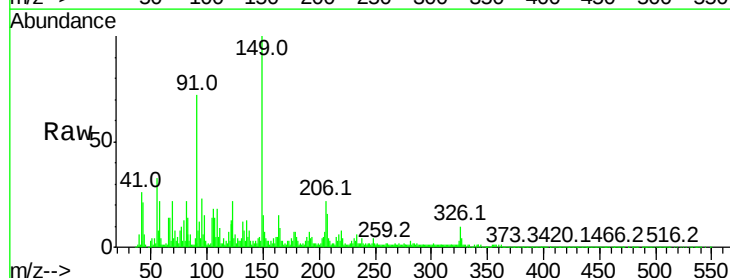
Tgt Ion:149 Resp: 436581

Ion Ratio Lower Upper

149 100

91 72.3 53.4 80.0

206 21.8 19.3 28.9

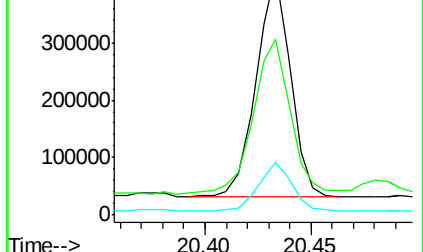
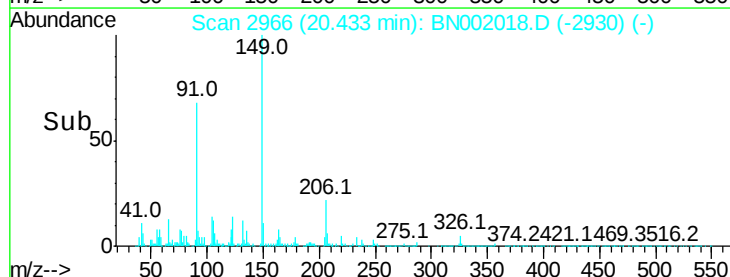


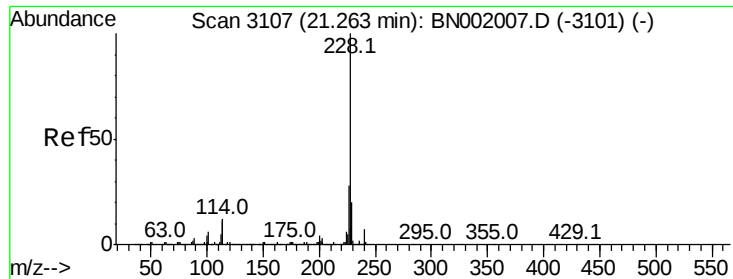
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->





#80

Benzo(a)anthracene

Concen: 10.178 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.02 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

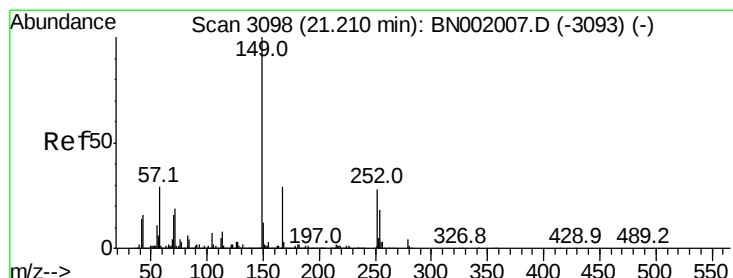
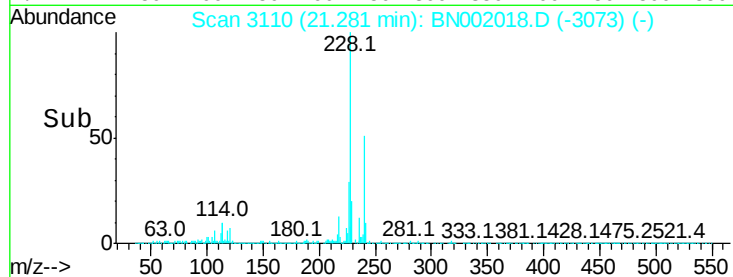
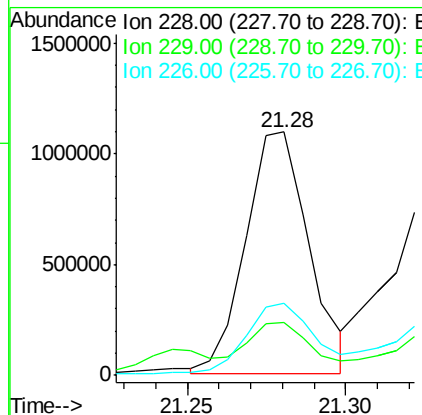
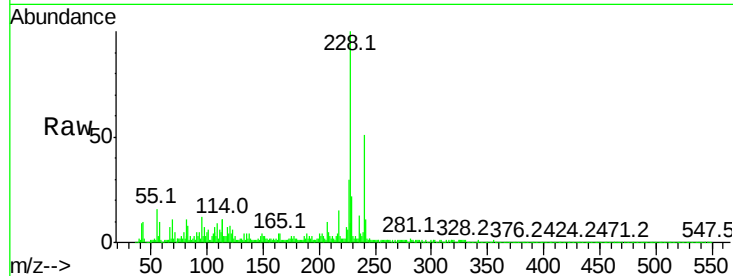
ClientSampleId :

DAZQ0

Tot Ion:	228	Resp:	1512139
Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	29.8	21.8	32.8

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 7.380 ng/ul

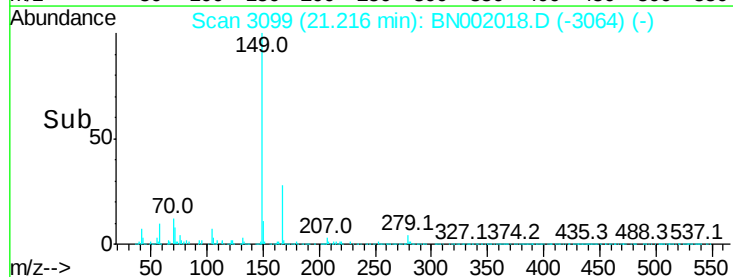
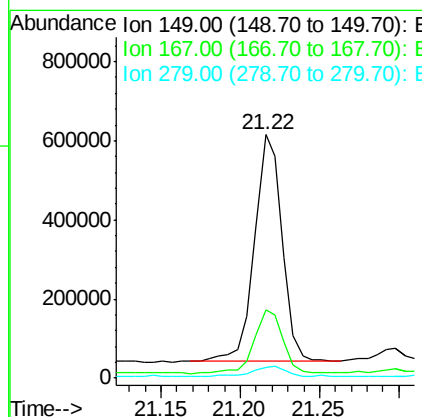
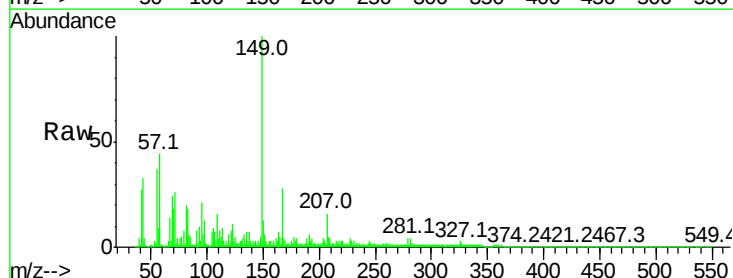
RT: 21.22 min Scan# 3099

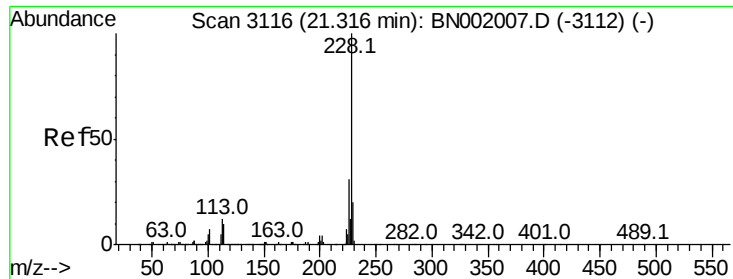
Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Tgt Ion:	149	Resp:	690837
Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.6
279	4.4	4.3	6.5





#82

Chrysene

Concen: 12.341 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Instrument :

BNA_N

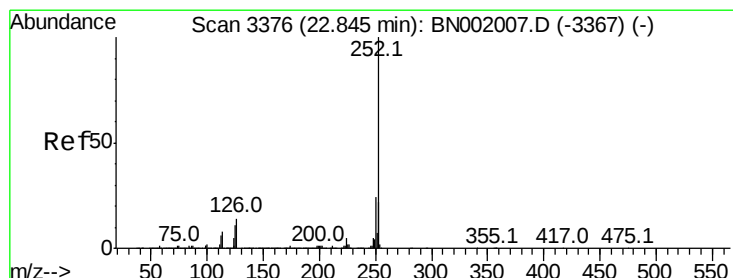
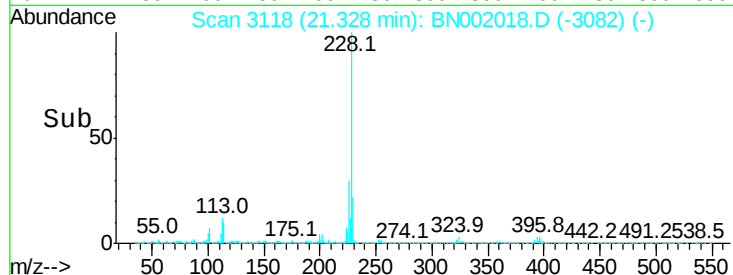
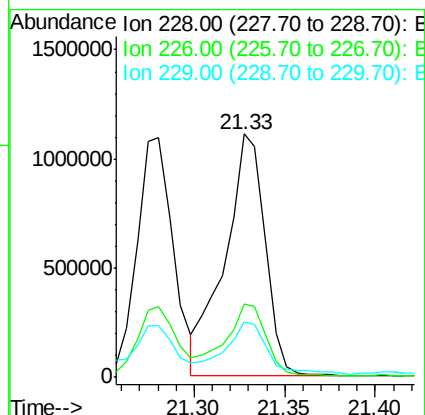
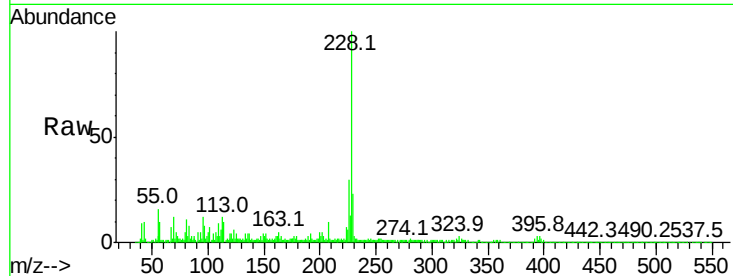
ClientSampleID :

DAZQ0

Tot Ion:	228	Resp:	1706020
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	23.0	16.0	24.0

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#85

Benzo(b)fluoranthene

Concen: 18.467 ng/ul

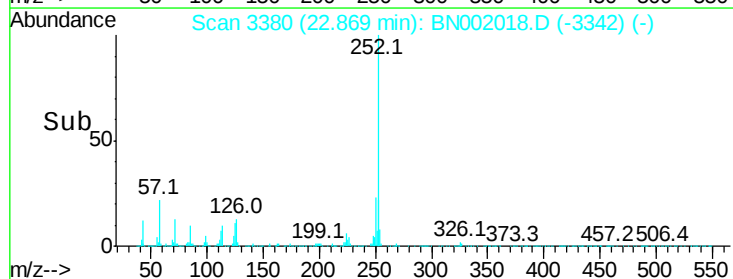
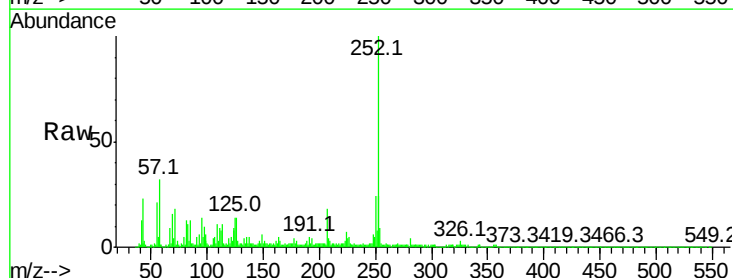
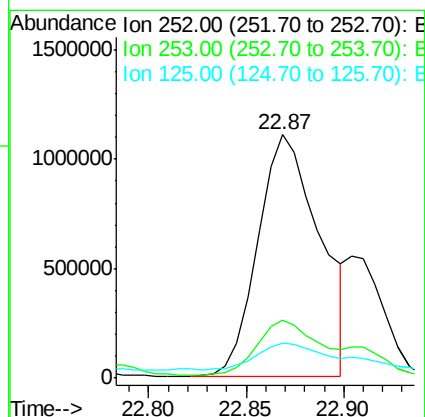
RT: 22.87 min Scan# 3380

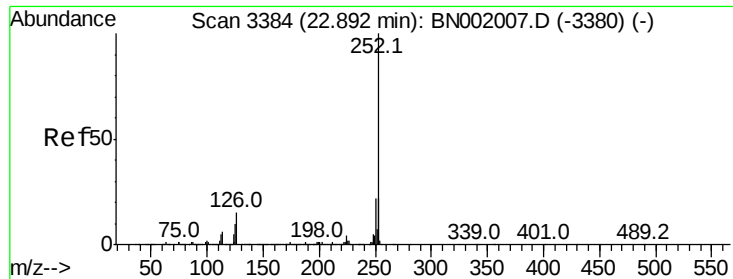
Delta R.T. 0.02 min

Lab File: BN002018.D

Acq: 11 Jul 2018 19:32

Tgt Ion:	252	Resp:	2424272
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	14.3	4.9	7.3#





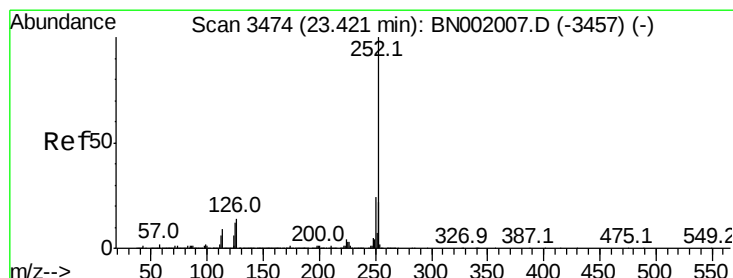
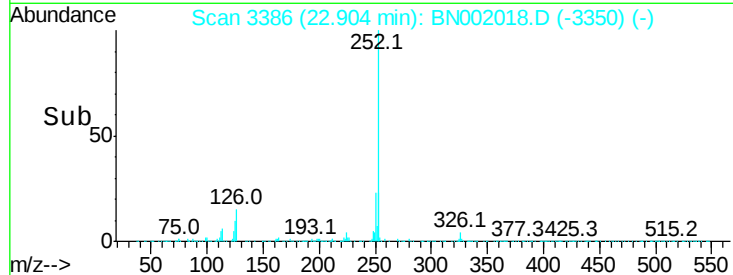
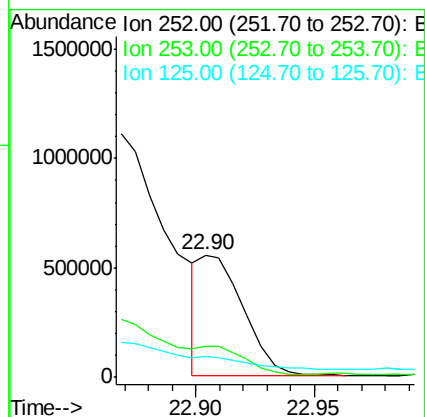
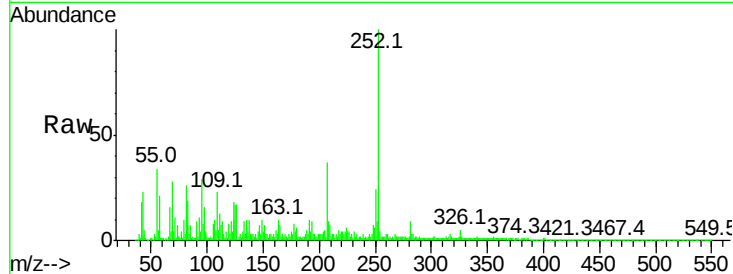
#86
Benzo(k)fluoranthene
Concen: 5.508 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BN002018.D
Acq: 11 Jul 2018 19:32

Instrument :
BNA_N
ClientSampleId :
DAZQ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	17.1	5.4	8.0#

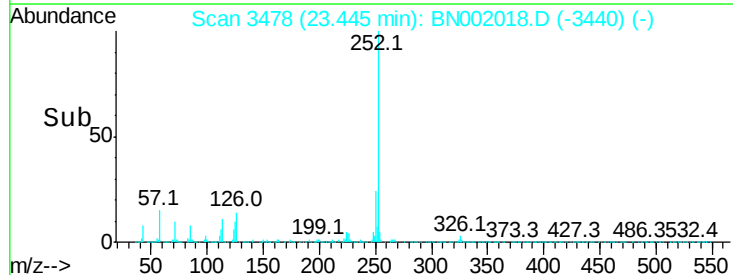
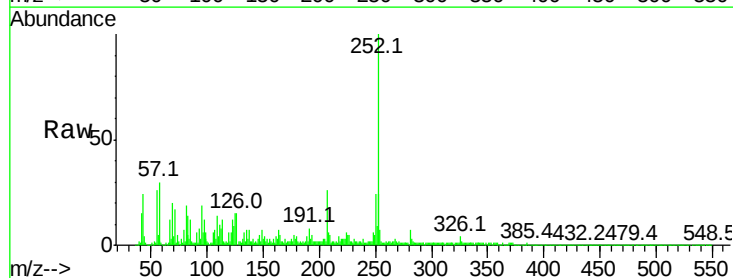
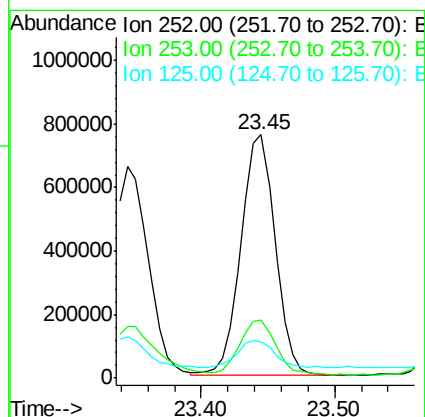
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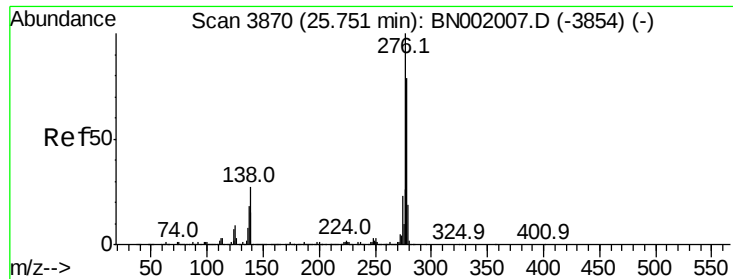
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#88
Benzo(a)pyrene
Concen: 11.008 ng/ul
RT: 23.45 min Scan# 3478
Delta R.T. 0.02 min
Lab File: BN002018.D
Acq: 11 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	14.8	5.8	8.6#





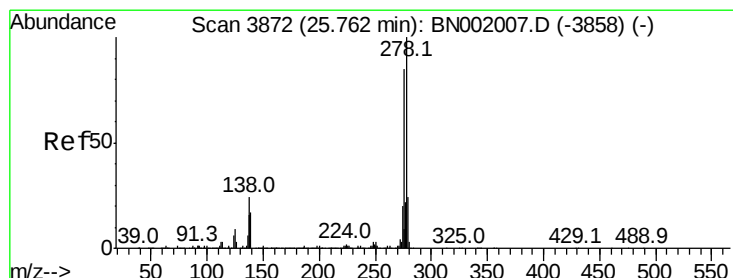
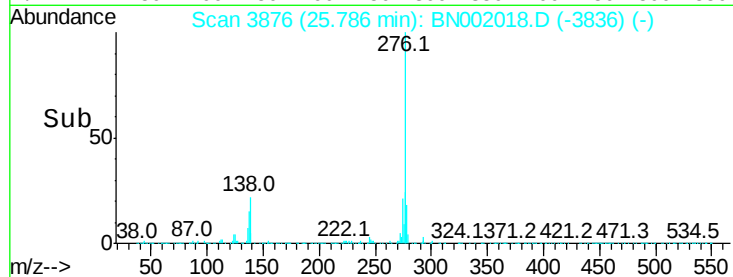
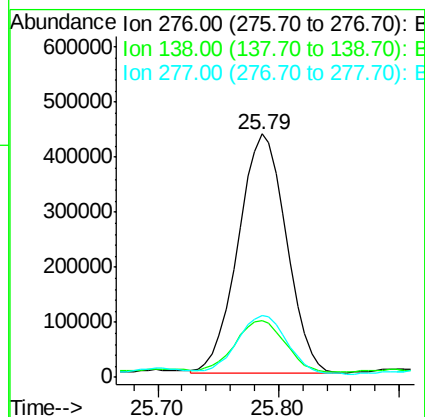
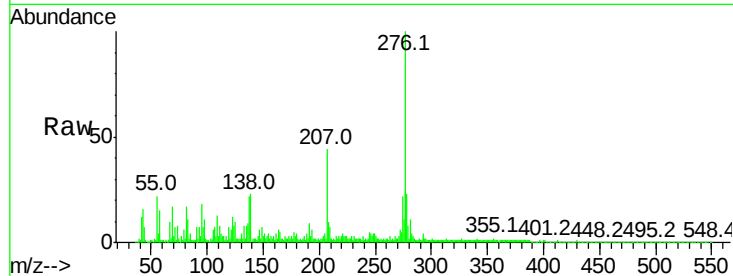
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 9.245 ng/ul
 RT: 25.79 min Scan# 3876
 Delta R.T. 0.04 min
 Lab File: BN002018.D
 Acq: 11 Jul 2018 19:32

Instrument :
 BNA_N
 ClientSampleID :
 DAZQ0

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.9	16.3#
277	25.3	18.9	28.3

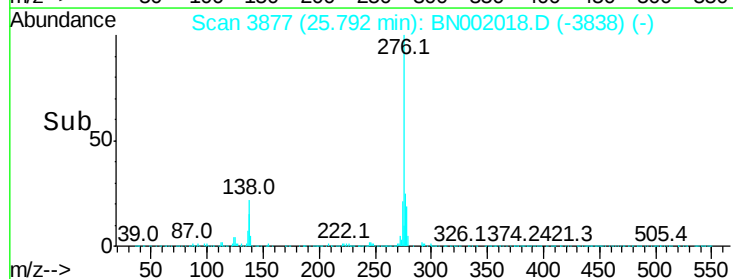
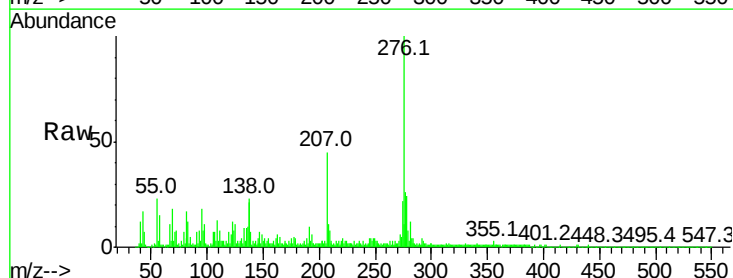
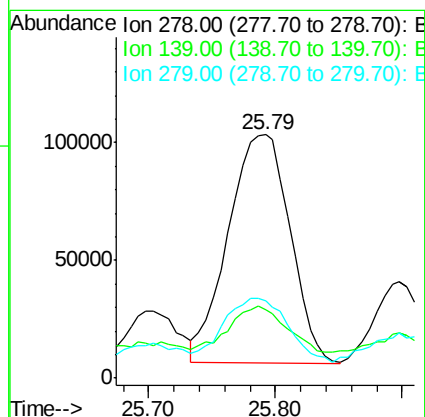
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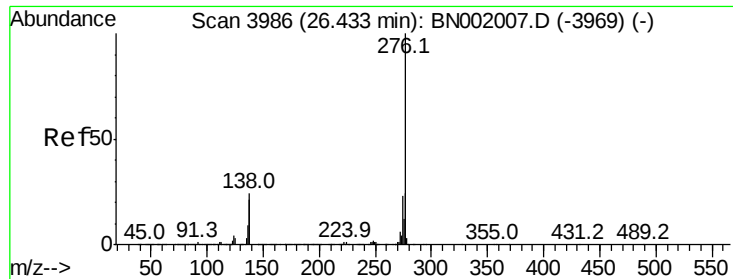
Sohil
 7/12/2018 3:04:00 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 3.018 ng/ul
 RT: 25.79 min Scan# 3877
 Delta R.T. 0.03 min
 Lab File: BN002018.D
 Acq: 11 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.3	9.0	13.4#
279	31.9	19.1	28.7#





#91
 Benzo(a,h,i)perylene
 Concen: 10.401 ng/ul
 RT: 26.47 min Scan# 3993
 Delta R.T. 0.04 min
 Lab File: BN002018.D
 Acq: 11 Jul 2018 19:32

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ0

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	11.2	16.8#
277	24.6	19.0	28.6

Manual Integrations
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Sohil
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