

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002020.D
 Acq On : 11 Jul 2018 20:43
 Operator : JU/SJ
 Sample : J3775-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZP2

Manual Integrations
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 7/12/2018 3:04:05 PM

Quant Time: Jul 12 00:32:18 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	7.72	152	568746	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	2536725	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.35	164	1456475	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	3156980	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	2273950	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	2095560	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	70731m	5.40	ng/uL	0.00
5) Phenol-d5	6.90	99	1850719	35.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1093665	34.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	1477346	36.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	1440241	34.93	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	747866	39.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	846511	43.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	1507630	36.22	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	588991	13.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	4279700	34.80	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	5499982	36.22	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	730599	32.24	ng/ul	0.02
57) Fluorene-d10	15.35	176	3763940	34.91	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	388798	22.61	ng/ul	0.01
70) Anthracene-d10	17.20	188	5527394	36.24	ng/ul	0.02
76) Pyrene-d10	19.50	212	5217339	45.52	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.40	264	4080232	35.80	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	6.93	94	108661	2.093	ng/ul	97
44) Dimethylphthalate	13.80	163	1149111	9.506	ng/ul	99
47) Acenaphthylene	14.07	152	225273	1.537	ng/ul	99
49) Acenaphthene	14.41	153	106913	1.052	ng/ul	99
69) Phenanthrene	17.14	178	3550209	19.963	ng/ul	100
71) Anthracene	17.23	178	534621	2.970	ng/ul	98
72) Carbazole	17.50	167	379250	2.515	ng/ul#	96
73) Di-n-butylphthalate	18.07	149	1452000	7.626	ng/ul	99
74) Fluoranthene	19.16	202	5422499	29.007	ng/ul#	88
77) Pyrene	19.53	202	4304030	30.246	ng/ul#	89
80) Benzo(a)anthracene	21.28	228	1624881	11.306	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.22	149	160121	1.768	ng/ul	99
82) Chrysene	21.33	228	2165681	16.196	ng/ul	98
85) Benzo(b)fluoranthene	22.87	252	2781665	21.017	ng/ul#	91
86) Benzo(k)fluoranthene	22.91	252	751626m	5.856	ng/ul	
88) Benzo(a)pyrene	23.44	252	1564467	12.649	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.80	276	1423033	10.813	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.80	278	368113	3.361	ng/ul#	69
91) Benzo(g,h,i)perylene	26.49	276	1722051	15.862	ng/ul#	87

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

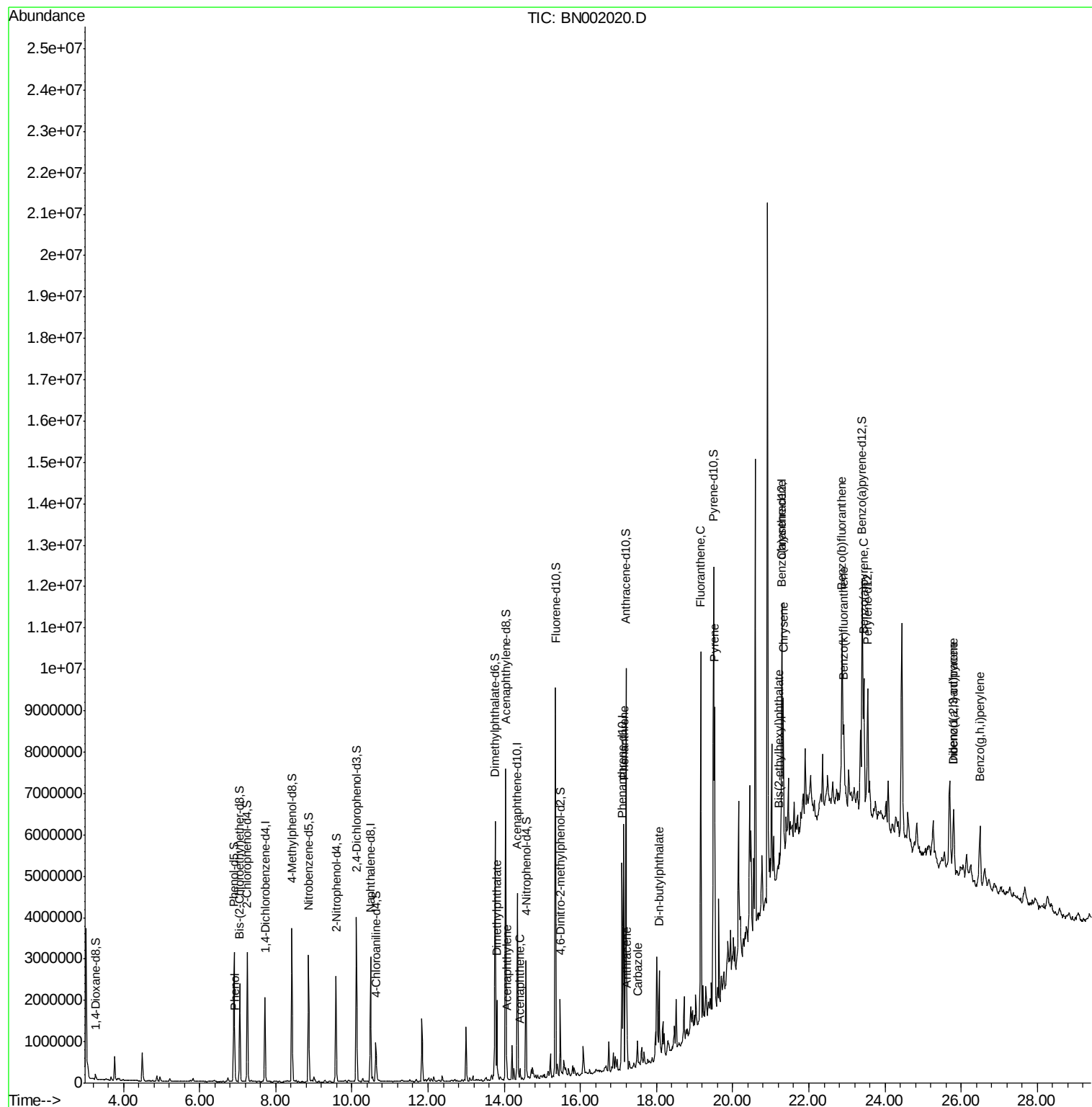
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

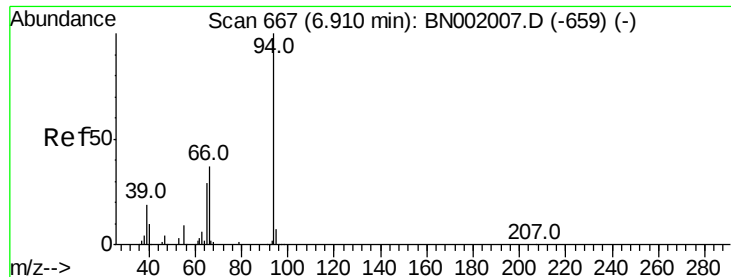
Instrument :
BNA_N
ClientSampleId :
DAZP2

Quant Time: Jul 12 00:32:18 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

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#6

Phenol

Concen: 2.093 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.02 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Instrument :

BNA_N

ClientSampleId :

DAZP2

Tot Ion: 94 Resp: 108661

Ion Ratio Lower Upper

94 100

65 29.3 23.0 34.6

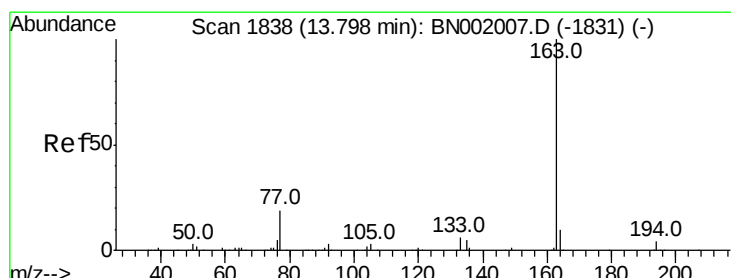
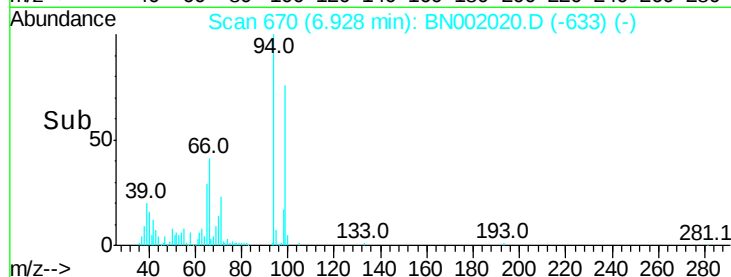
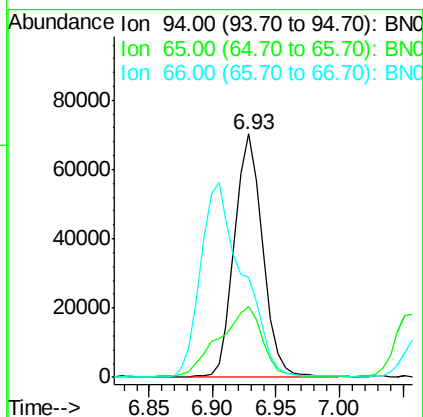
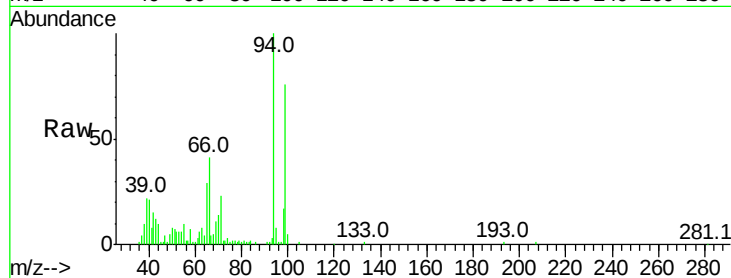
66 40.9 30.4 45.6

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#44

Dimethylphthalate

Concen: 9.506 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

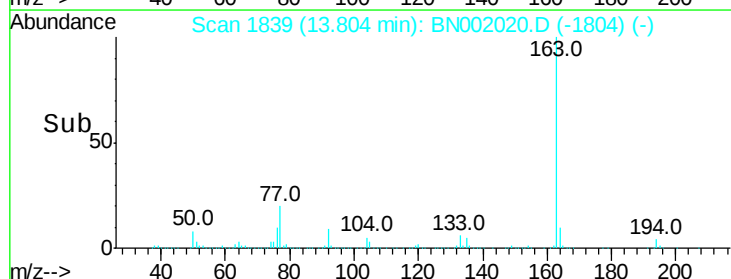
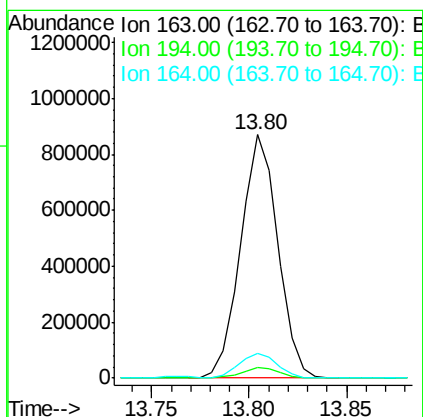
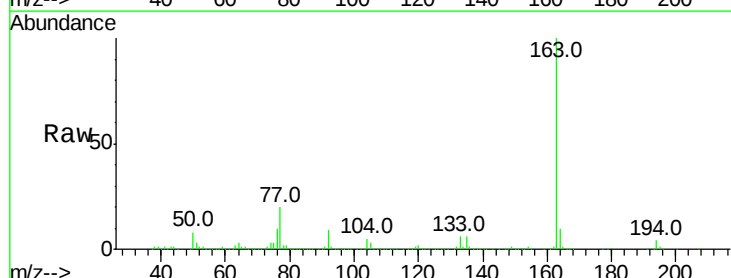
Tgt Ion:163 Resp: 1149111

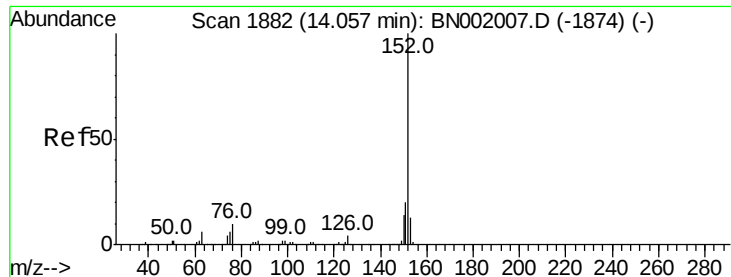
Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

164 10.3 8.4 12.6





#47

Acenaphthylene

Concen: 1.537 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Instrument :

BNA_N

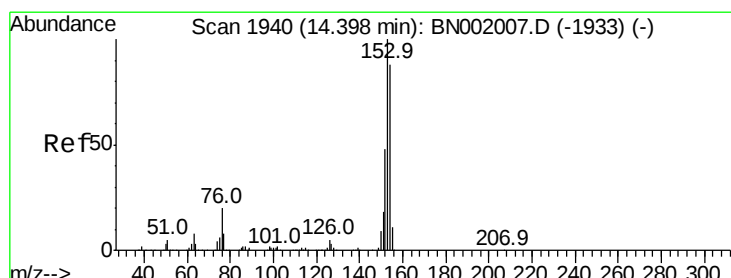
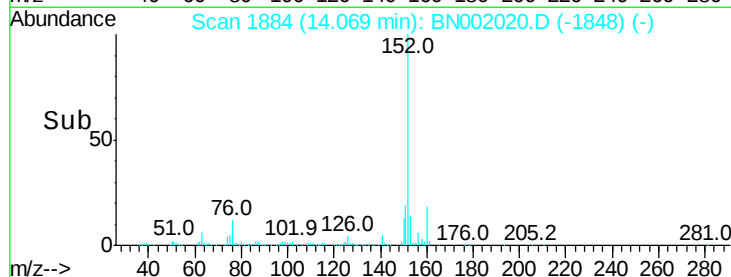
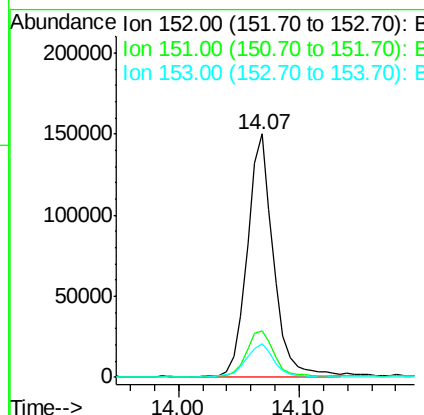
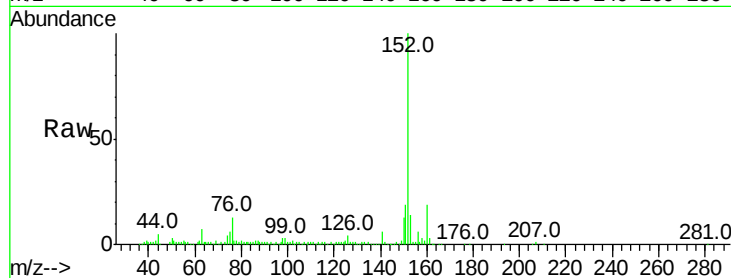
ClientSampleId :

DAZP2

Tot Ion:	152	Resp:	225273
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.1	24.1
153	13.6	10.8	16.2

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#49

Acenaphthene

Concen: 1.052 ng/ul

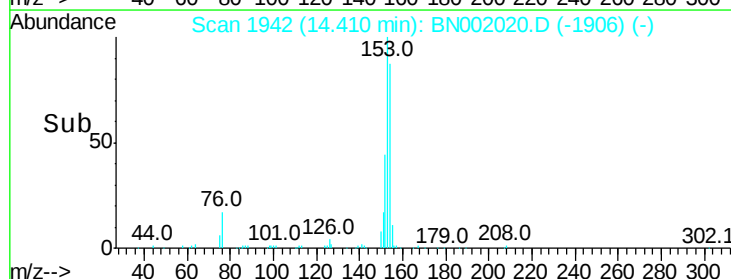
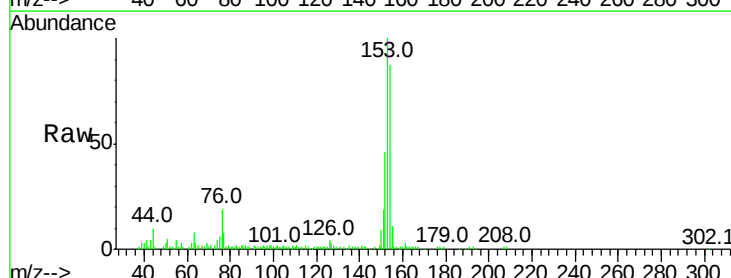
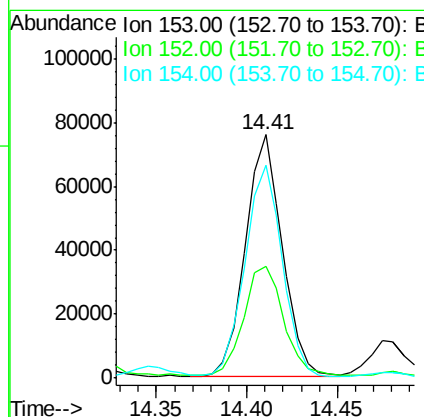
RT: 14.41 min Scan# 1942

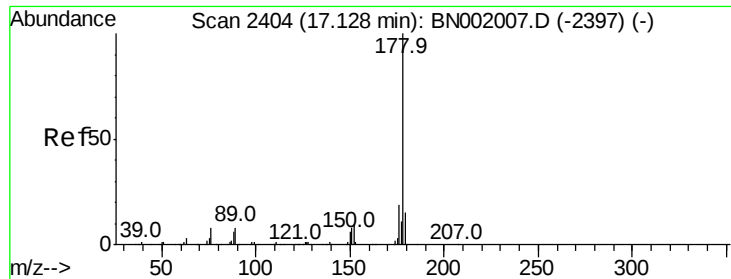
Delta R.T. 0.01 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Tgt Ion:	153	Resp:	106913
Ion Ratio	Lower	Upper	
153	100		
152	45.9	37.9	56.9
154	87.4	69.8	104.6





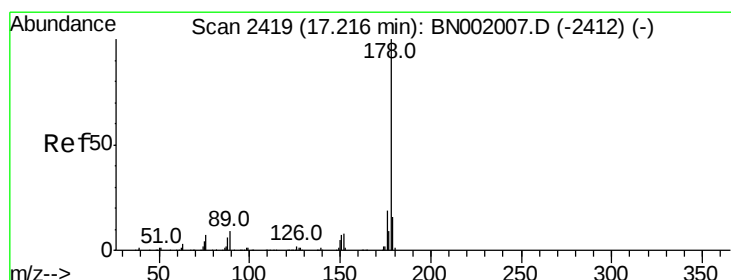
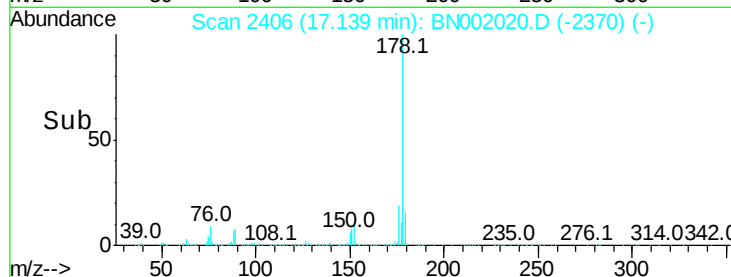
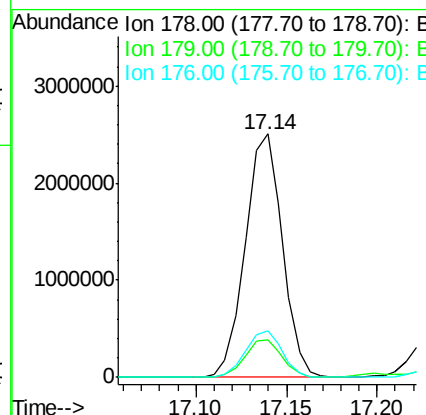
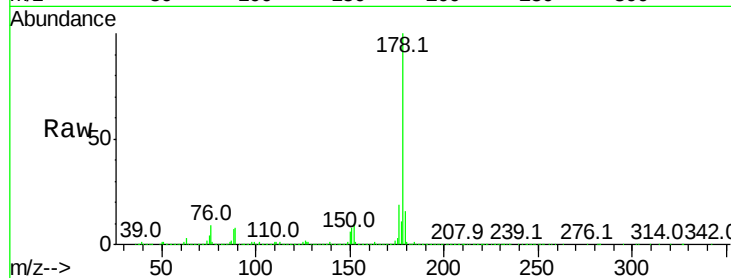
#69
Phenanthrene
Concen: 19.963 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Instrument :
BNA_N
ClientSampleId :
DAZP2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.4	23.0

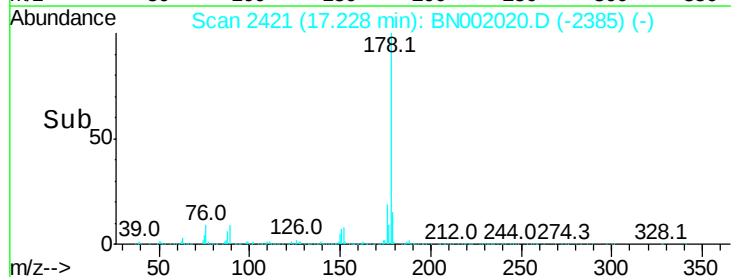
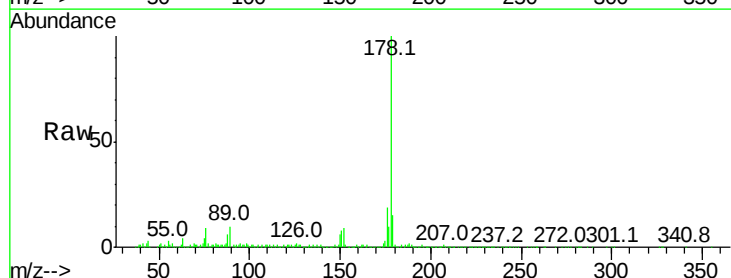
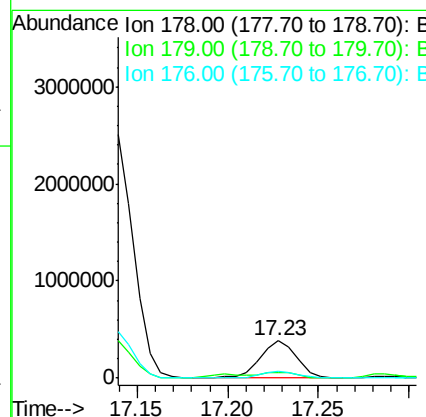
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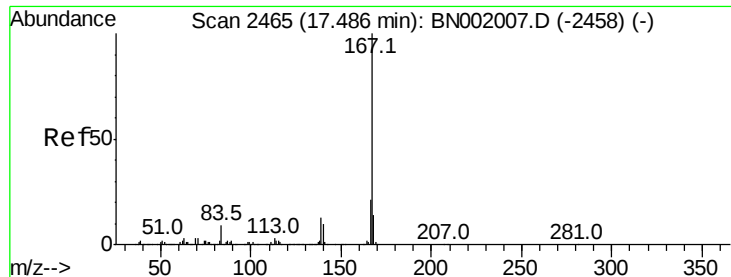
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#71
Anthracene
Concen: 2.970 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	19.3	15.4	23.0





#72

Carbazole

Concen: 2.515 ng/ul

RT: 17.50 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Instrument :

BNA_N

ClientSampled :

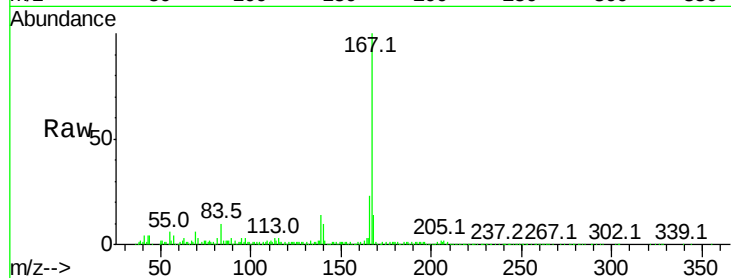
DAZP2

Tot Ion:167 Resp: 379250
Ion Ratio Lower Upper

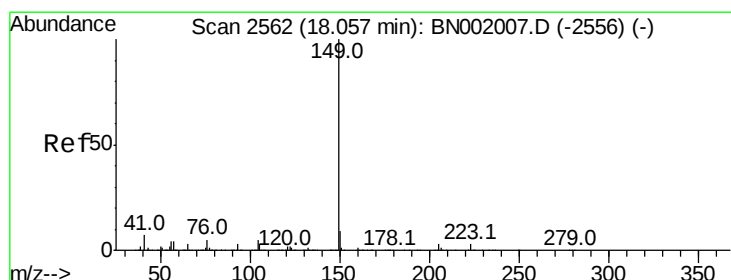
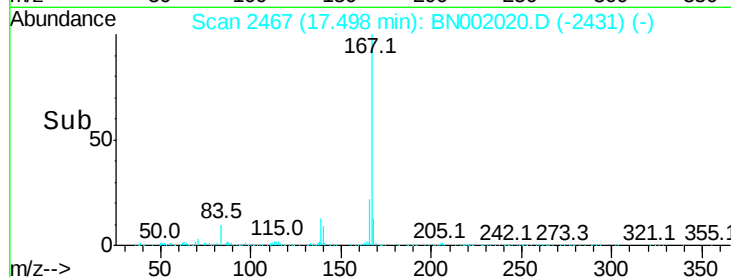
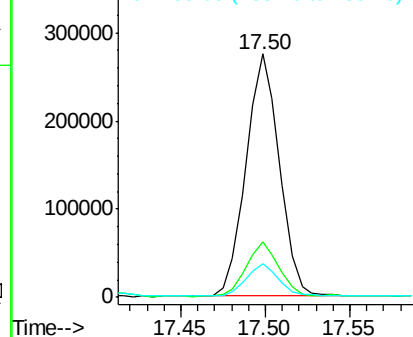
167	100		
166	22.6	17.0	25.4
139	13.8	9.1	13.7

Manual Integrations
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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: 7.626 ng/ul

RT: 18.07 min Scan# 2564

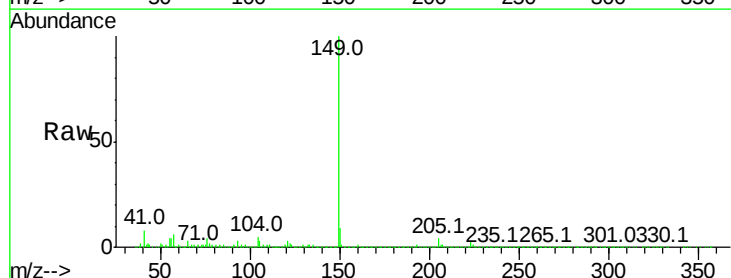
Delta R.T. 0.01 min

Lab File: BN002020.D

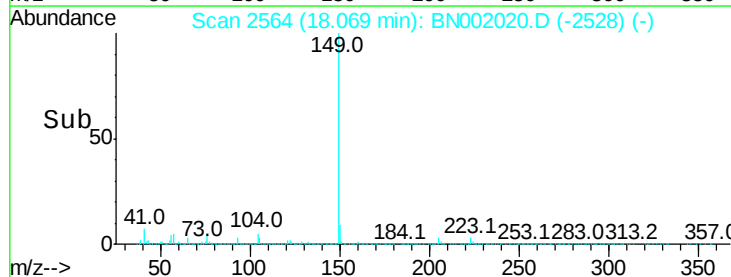
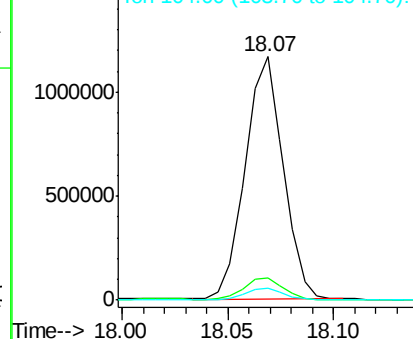
Acq: 11 Jul 2018 20:43

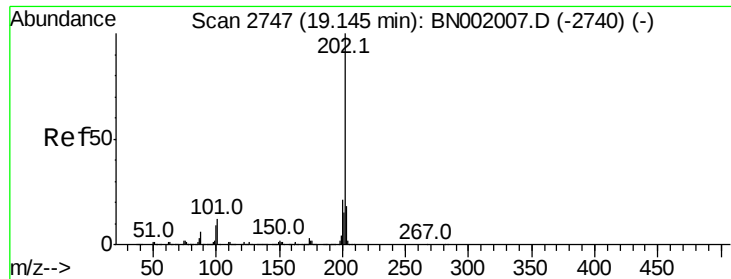
Tgt Ion:149 Resp: 1452000
Ion Ratio Lower Upper

149	100		
150	9.3	7.5	11.3
104	4.8	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 29.007 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. 0.01 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Instrument :

BNA_N

ClientSampleId :

DAZP2

Tot Ion:202 Resp: 5422499

Ion Ratio Lower Upper

202 100

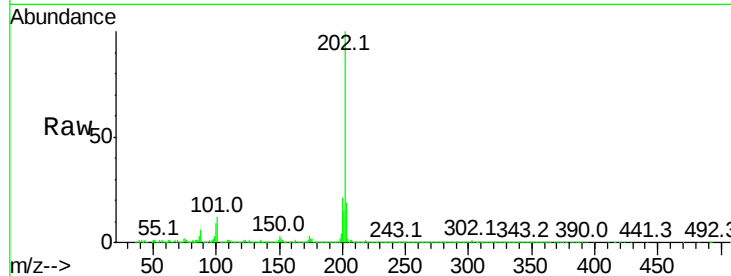
101 12.2 6.1 9.1#

100 9.1 4.6 7.0#

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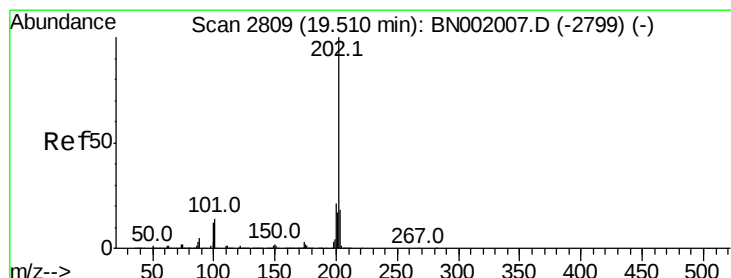
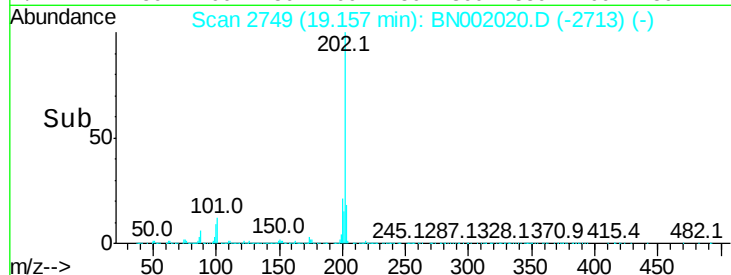
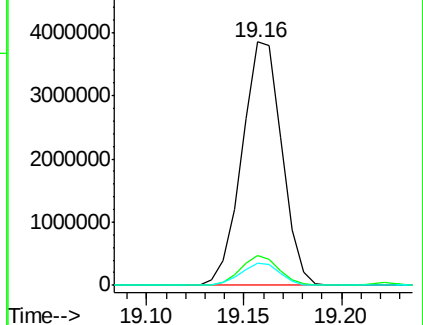
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 30.246 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

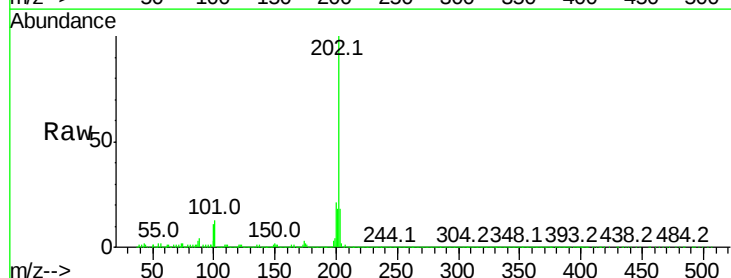
Tgt Ion:202 Resp: 4304030

Ion Ratio Lower Upper

202 100

101 12.9 6.9 10.3#

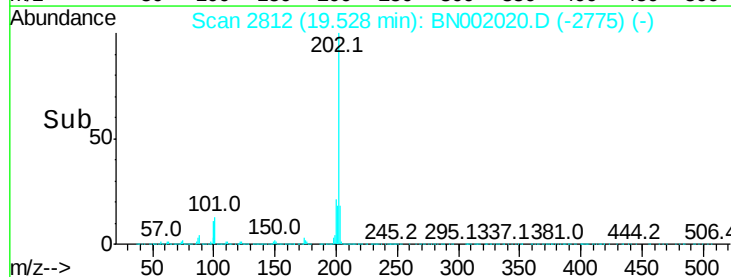
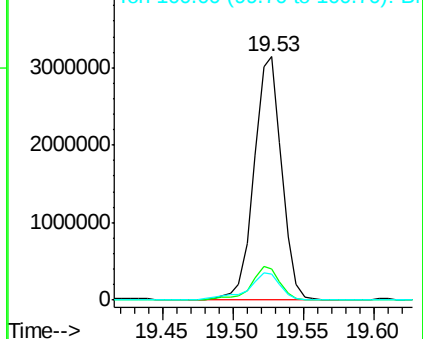
100 10.5 5.6 8.4#

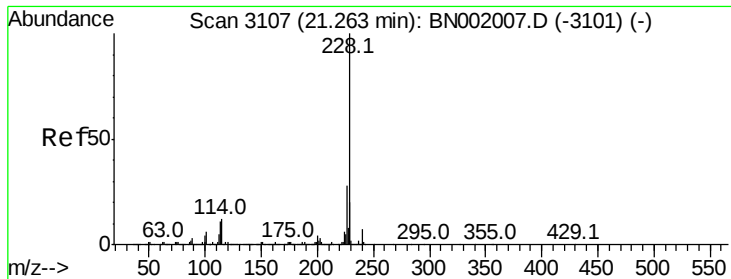


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





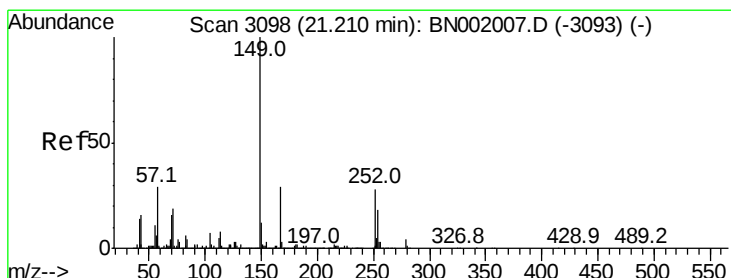
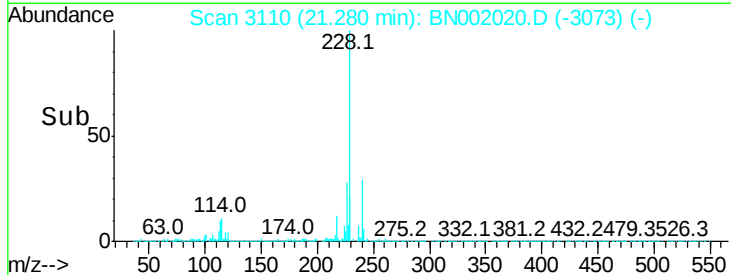
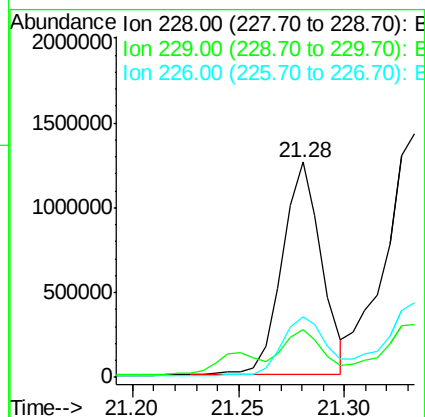
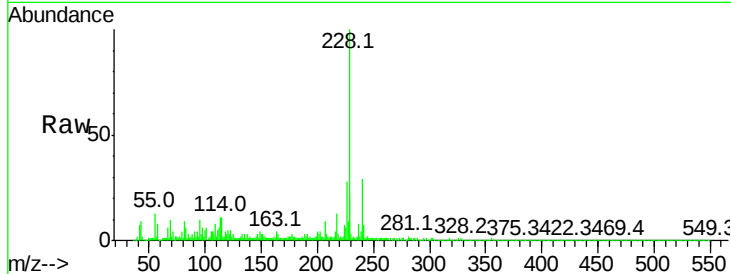
#80
Benzo(a)anthracene
Concen: 11.306 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.02 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Instrument :
BNA_N
ClientSampleId :
DAZP2

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.0	24.0
226	28.4	21.8	32.8

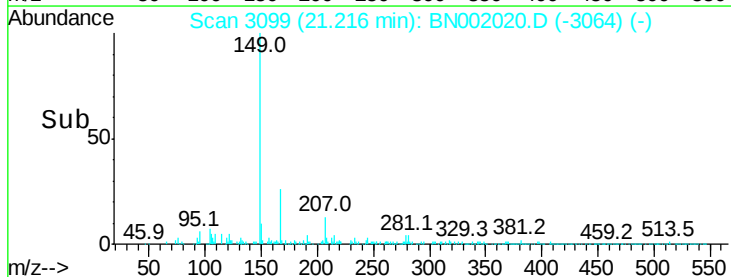
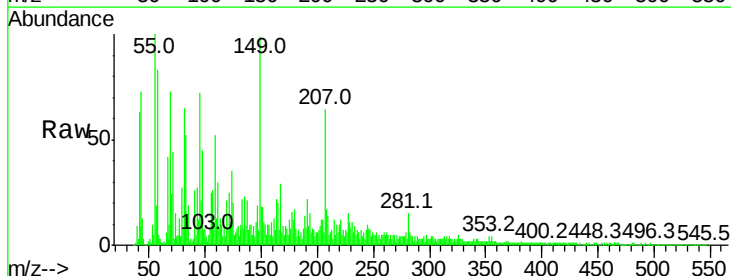
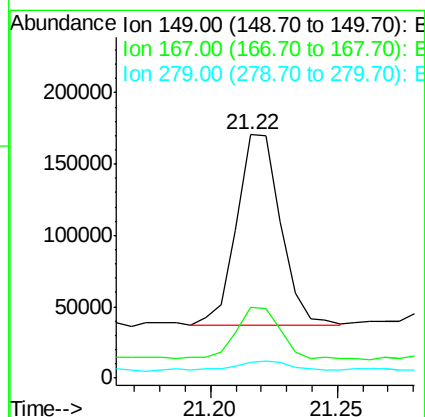
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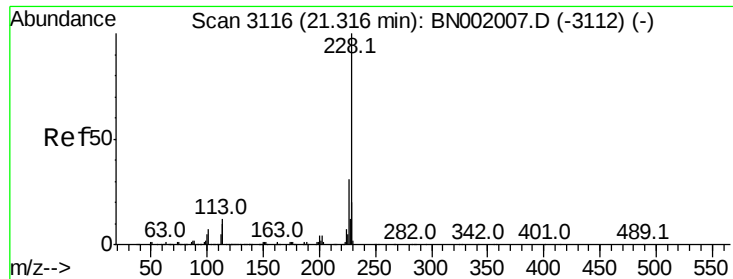
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.768 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.6
279	6.4	4.3	6.5





#82

Chrysene

Concen: 16.196 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.02 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

Instrument :

BNA_N

ClientSampled :

DAZP2

Tot Ion:228 Resp: 2165681

Ion Ratio Lower Upper

228 100

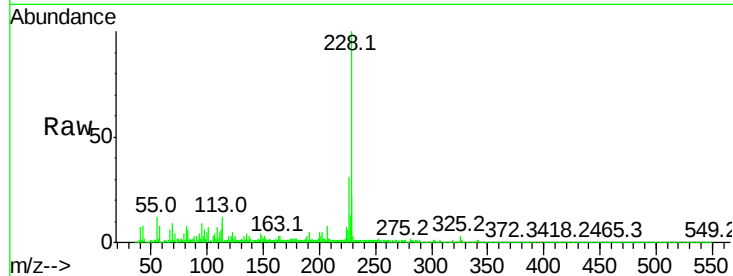
226 30.5 24.1 36.1

229 21.8 16.0 24.0

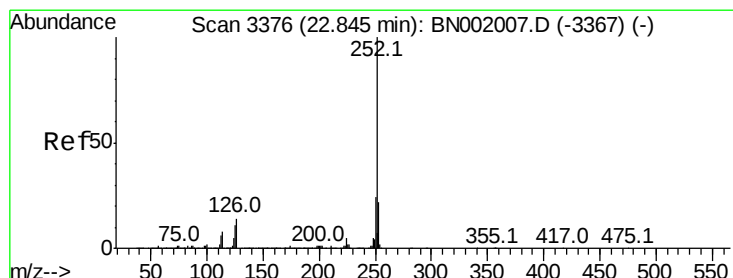
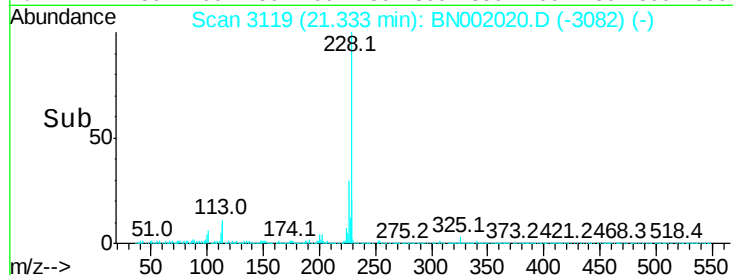
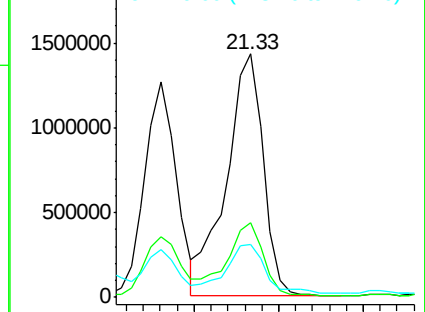
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 21.017 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.03 min

Lab File: BN002020.D

Acq: 11 Jul 2018 20:43

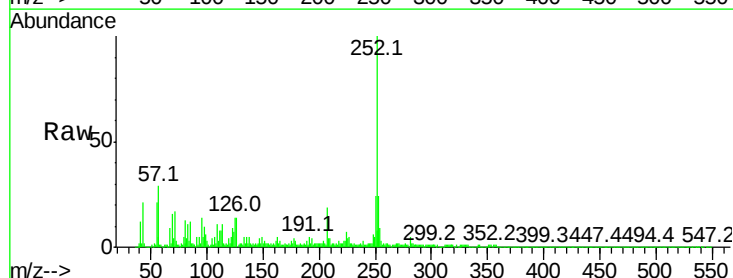
Tgt Ion:252 Resp: 2781665

Ion Ratio Lower Upper

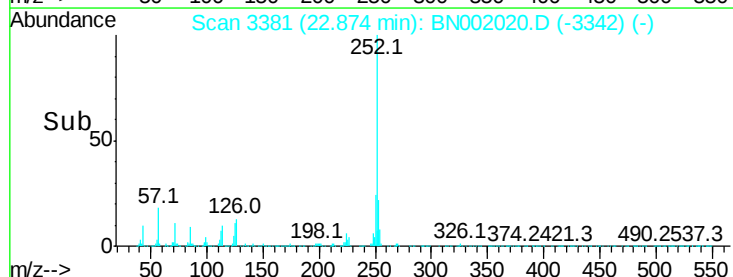
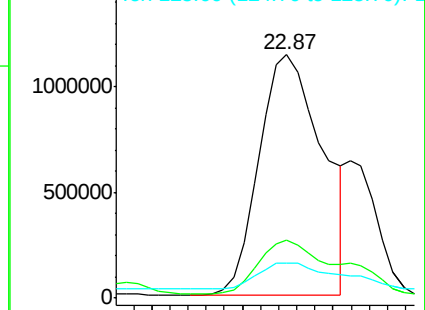
252 100

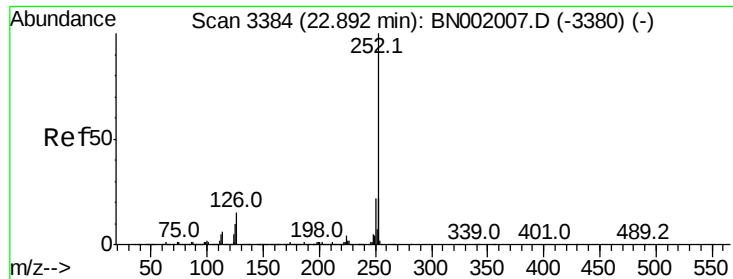
253 23.9 17.4 26.0

125 14.3 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





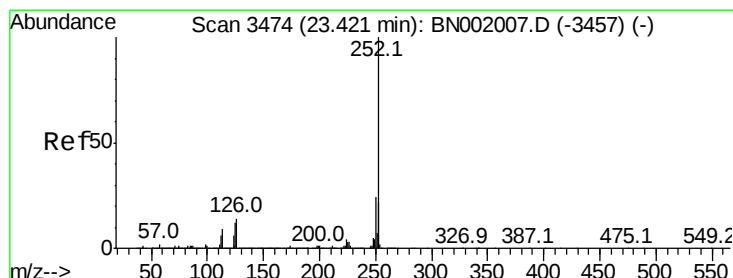
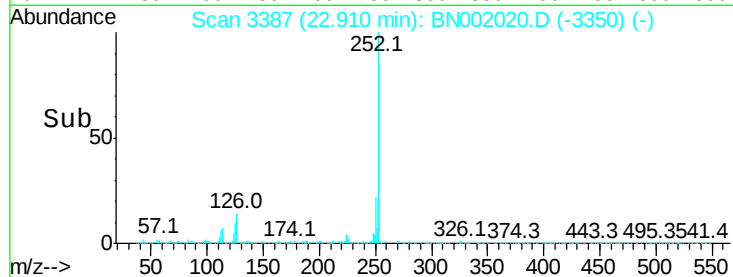
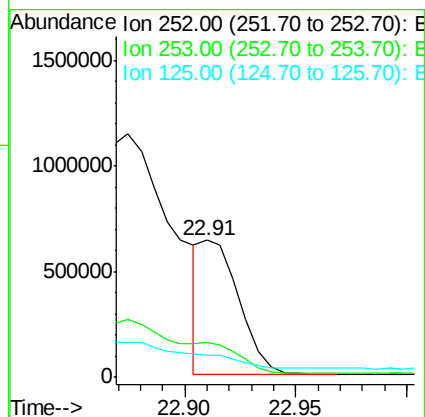
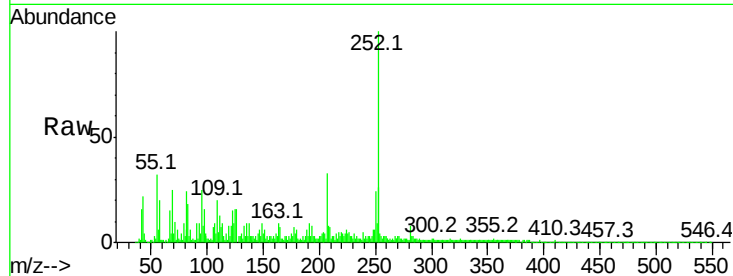
#86
Benzo(k)fluoranthene
Concen: 5.856 ng/ul m
RT: 22.91 min Scan# 3387
Delta R.T. 0.02 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Instrument :
BNA_N
ClientSampleId :
DAZP2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	16.5	5.4	8.0#

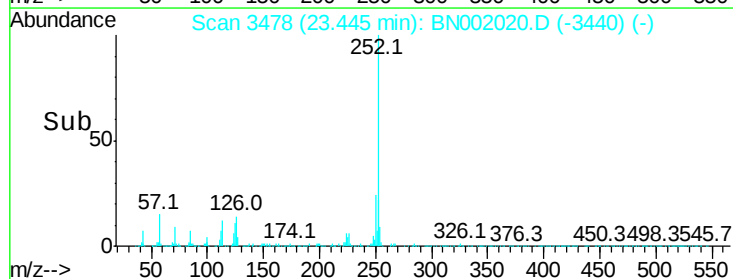
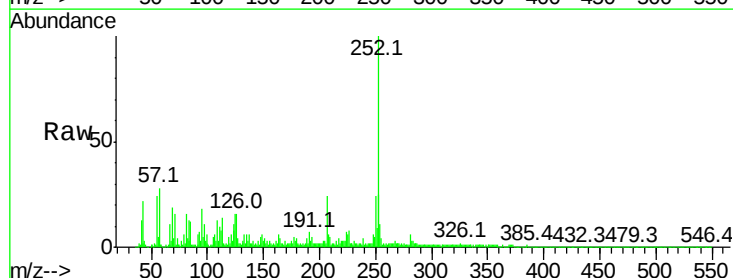
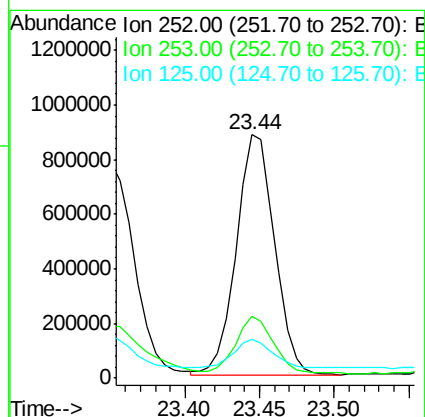
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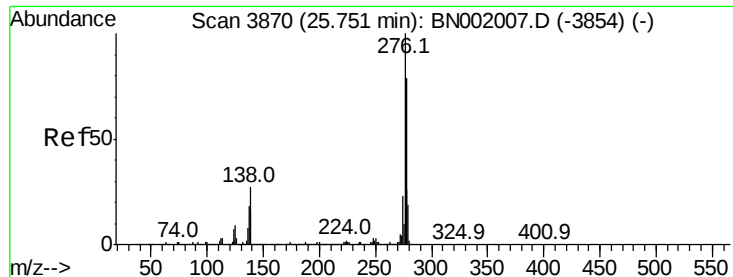
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#88
Benzo(a)pyrene
Concen: 12.649 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. 0.02 min
Lab File: BN002020.D
Acq: 11 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	15.8	5.8	8.6#





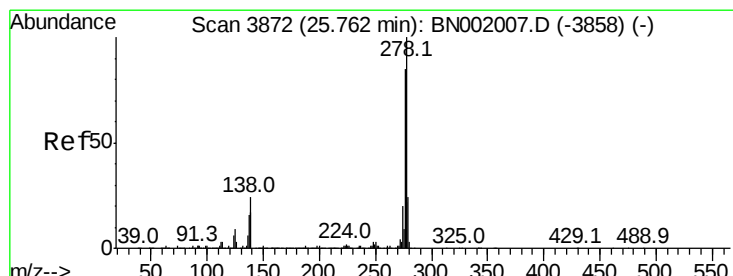
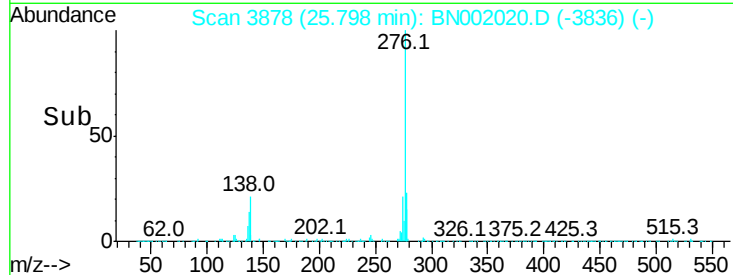
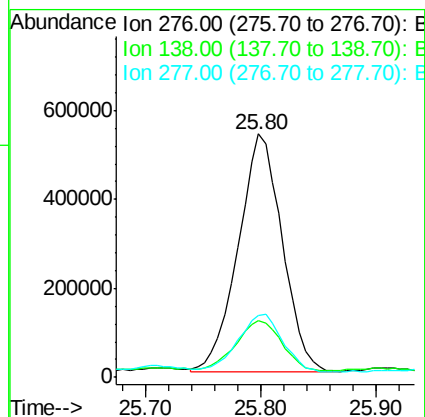
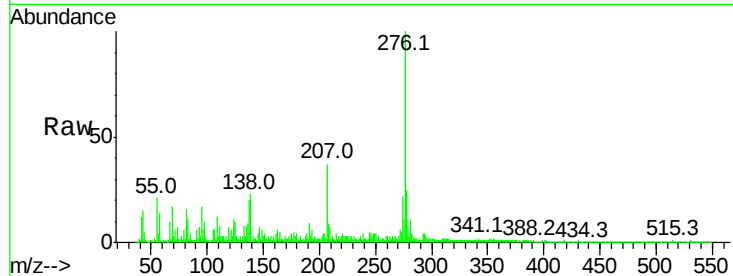
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 10.813 ng/ul
 RT: 25.80 min Scan# 3878
 Delta R.T. 0.05 min
 Lab File: BN002020.D
 Acq: 11 Jul 2018 20:43

Instrument :
 BNA_N
 ClientSampleId :
 DAZP2

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	10.9	16.3#
277	25.5	18.9	28.3

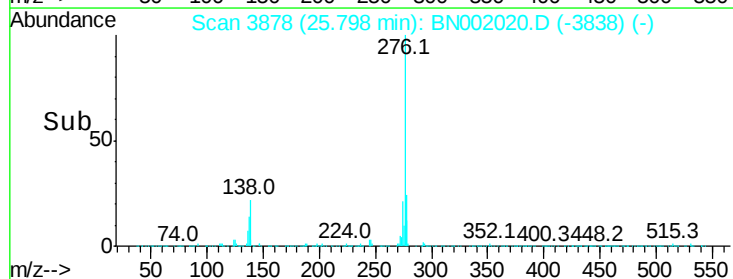
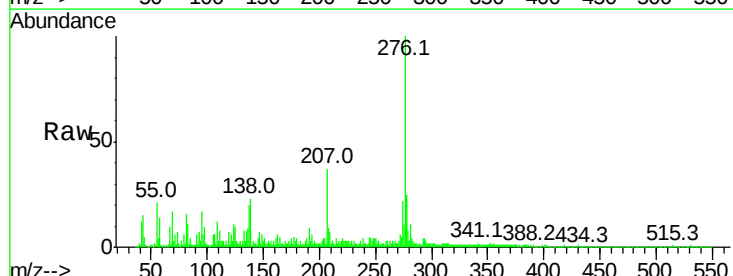
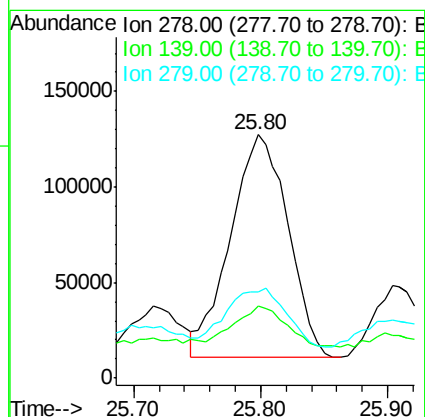
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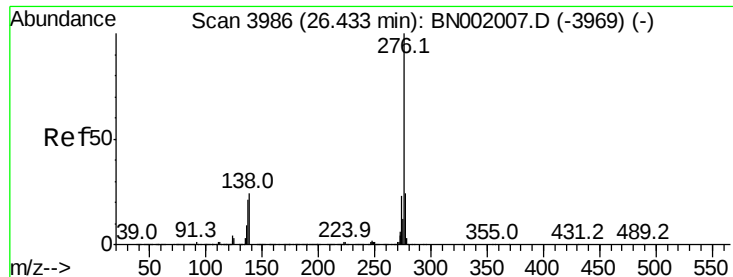
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#90
 Dibenzo(a,h)anthracene
 Concen: 3.361 ng/ul
 RT: 25.80 min Scan# 3878
 Delta R.T. 0.04 min
 Lab File: BN002020.D
 Acq: 11 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	9.0	13.4#
279	35.2	19.1	28.7#





#91
 Benzo(a,h,i)perylene
 Concen: 15.862 ng/ul
 RT: 26.49 min Scan# 3996
 Delta R.T. 0.06 min
 Lab File: BN002020.D
 Acq: 11 Jul 2018 20:43

Instrument :
 BNA_N
 ClientSampleId :
 DAZP2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	11.2	16.8#
277	26.2	19.0	28.6

Manual Integrations
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