

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010319\
 Data File : BN004317.D
 Acq On : 03 Jan 2019 14:33
 Operator : JU/SJ
 Sample : J6441-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Manual Integrations
 APPROVED

Sohil
 1/4/2019 8:15:52 AM

Quant Time: Jan 04 07:21:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 04 06:27:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	46523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	201601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	105542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	202076	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	176307	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	193824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3544	4.99	ng/uL	0.00
5) Phenol-d5	6.98	99	93859	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	60332	24.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	75983	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	81218	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	42689	26.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	37855	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	66092	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	94794	30.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	242312	25.72	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	292286	26.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	6263	3.22	ng/ul	0.01
57) Fluorene-d10	15.45	176	198010	24.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	4137	2.84	ng/ul	0.00
70) Anthracene-d10	17.30	188	265212	25.97	ng/ul	0.00
78) Pyrene-d10	19.60	212	240000	30.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	265185	25.22	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	14804	3.207	ng/ul 96
44) Dimethylphthalate	13.90	163	32343	3.517	ng/ul 100
49) Acenaphthene	14.52	153	16549	2.182	ng/ul 99
58) Fluorene	15.50	166	19501	2.176	ng/ul 98
69) Phenanthrene	17.24	178	290625	24.891	ng/ul 99
71) Anthracene	17.33	178	74092	6.191	ng/ul 99
74) Carbazole	17.61	167	16105	1.464	ng/ul 97
75) Di-n-butylphthalate	18.15	149	54736	4.223	ng/ul 100
76) Fluoranthene	19.26	202	467175	32.644	ng/ul 100
79) Pyrene	19.63	202	475595	48.285	ng/ul 100
82) Benzo(a)anthracene	21.37	228	244528	22.242	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.27	149	47493	7.064	ng/ul 99
84) Chrysene	21.43	228	237619	23.075	ng/ul 98
87) Benzo(b)fluoranthene	23.01	252	324232	27.926	ng/ul# 96
88) Benzo(k)fluoranthene	23.05	252	93661m	8.615	ng/ul
90) Benzo(a)pyrene	23.61	252	245454	21.952	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	26.06	276	176939	12.140	ng/ul 96
92) Dibenzo(a,h)anthracene	26.07	278	48550	4.007	ng/ul# 81
93) Benzo(g,h,i)perylene	26.80	276	162284	13.302	ng/ul 98

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

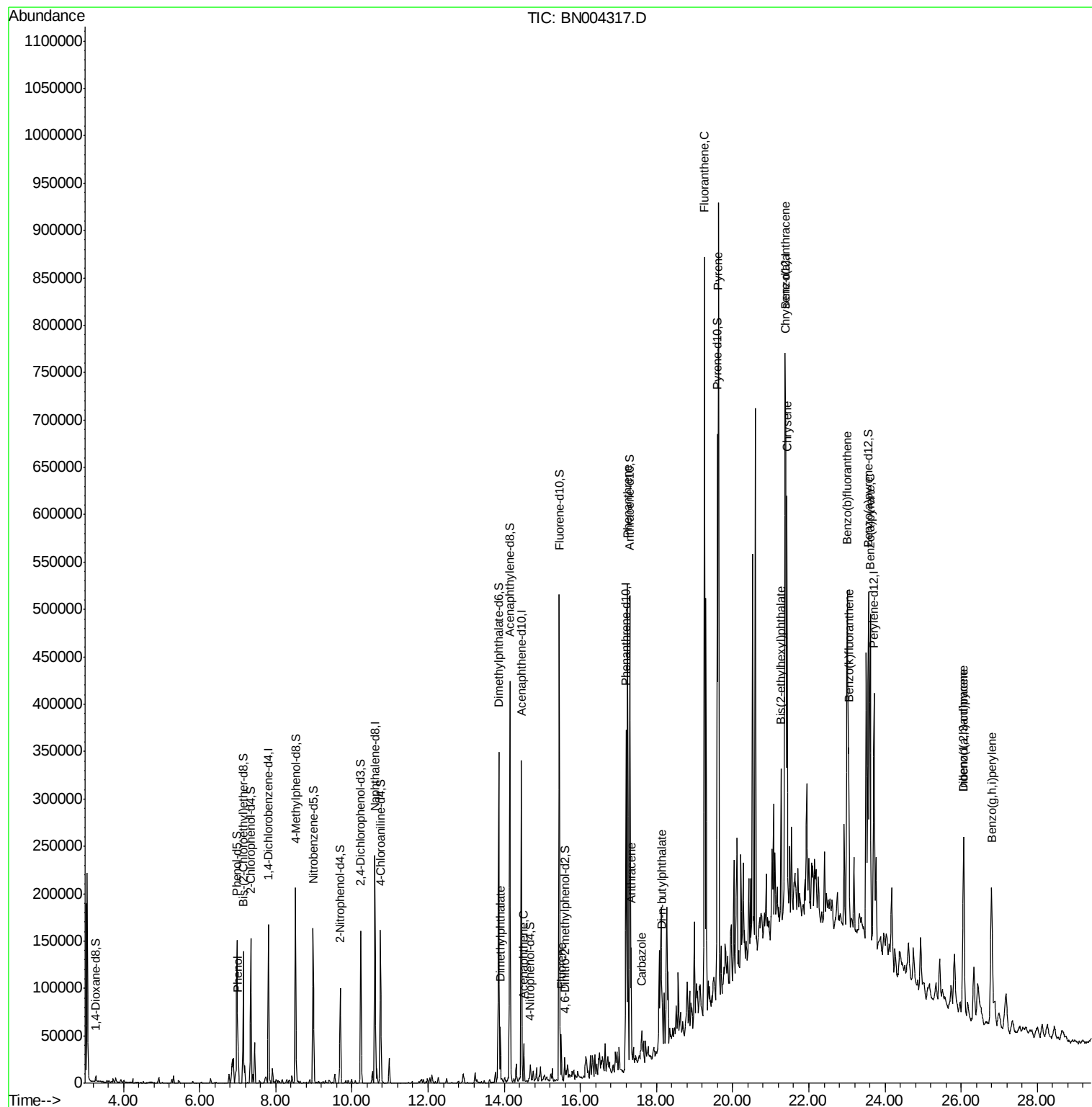
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

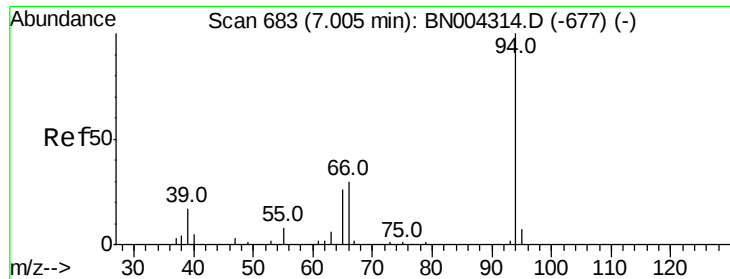
Instrument :
BNA_N
ClientSampled :
BF023

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Quant Time: Jan 04 07:21:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 04 06:27:48 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.207 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

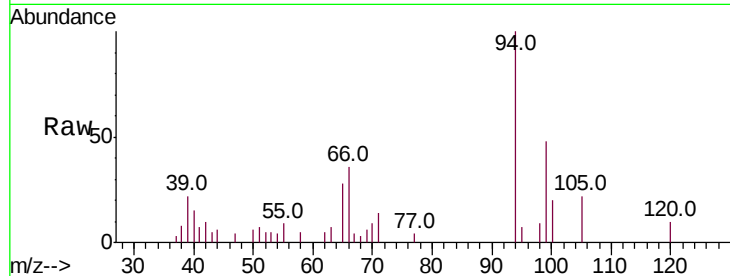
ClientSampleId :

BF023

Tot Ion:	94	Resp:	14804
Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.2	31.8
66	36.5	26.9	40.3

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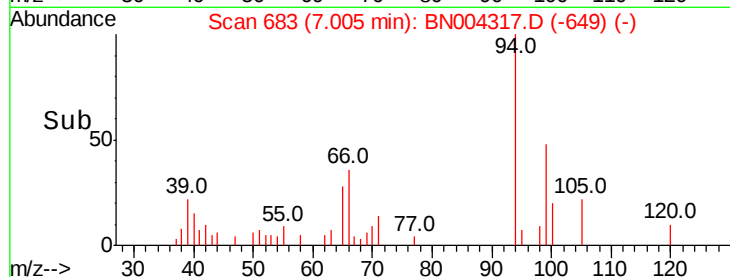


Abundance Ion 94.00 (93.70 to 94.70): BN004314.D (-677) (-)

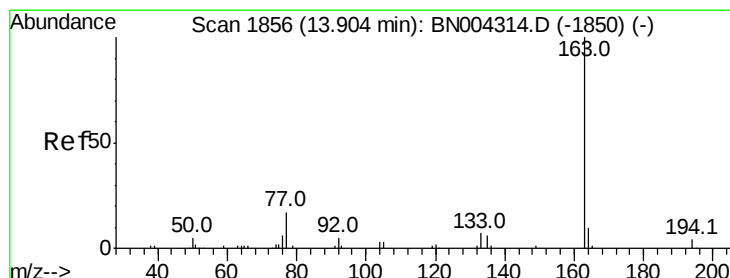
Ion 65.00 (64.70 to 65.70): BN004314.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BN004314.D (-677) (-)

Time-->



Time-->



#44

Dimethylphthalate

Concen: 3.517 ng/ul

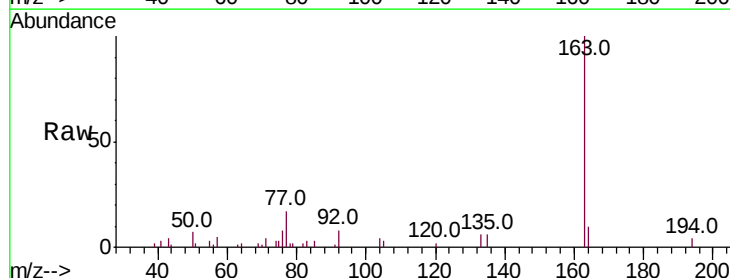
RT: 13.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Tgt Ion:	163	Resp:	32343
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	7.9	11.9

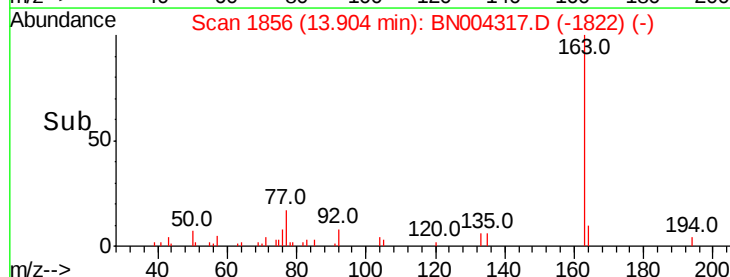


Abundance Ion 163.00 (162.70 to 163.70): BN004314.D (-1850) (-)

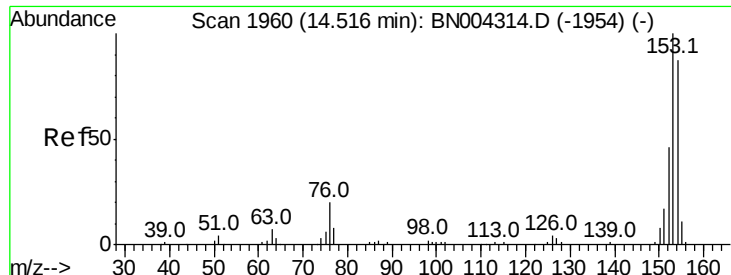
Ion 194.00 (193.70 to 194.70): BN004314.D (-1850) (-)

Ion 164.00 (163.70 to 164.70): BN004314.D (-1850) (-)

Time-->



Time-->



#49

Acenaphthene

Concen: 2.182 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

Tot Ion:153 Resp: 16549

Ion Ratio Lower Upper

153 100

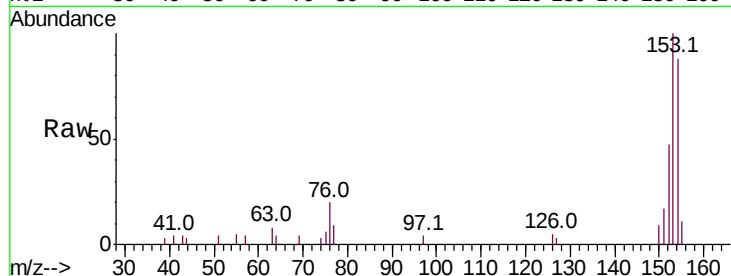
152 47.2 37.8 56.6

154 87.8 71.0 106.6

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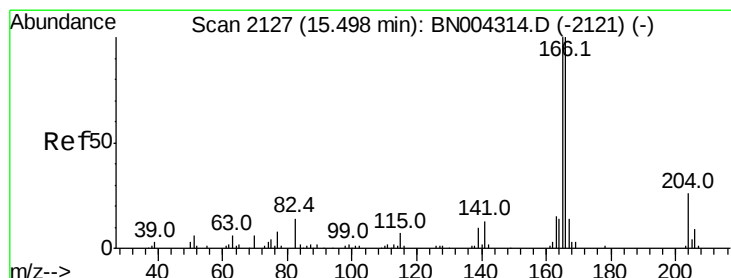
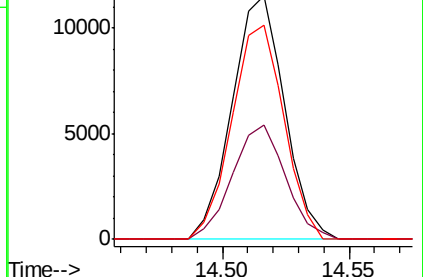
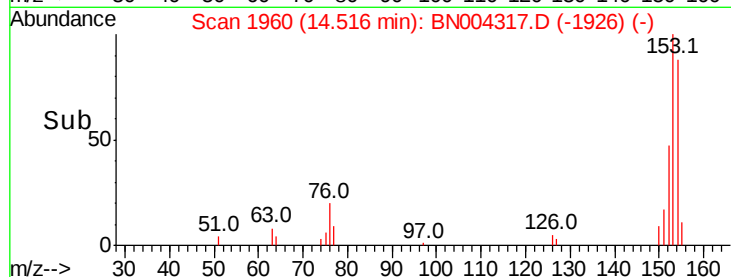
1/4/2019 8:15:52 AM



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.176 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

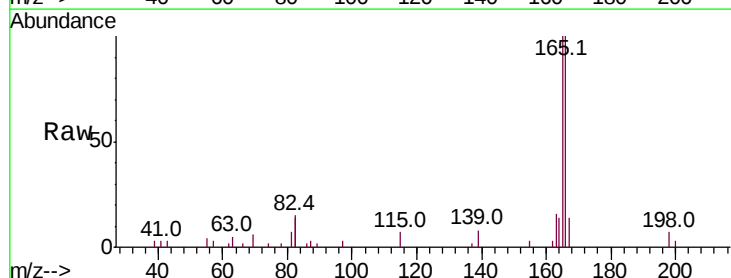
Tgt Ion:166 Resp: 19501

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

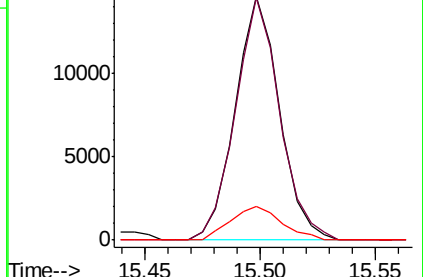
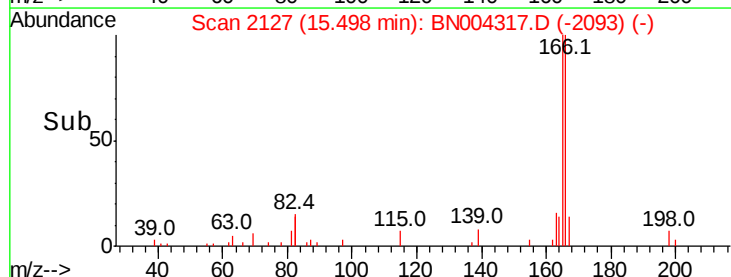
167 13.8 10.3 15.5

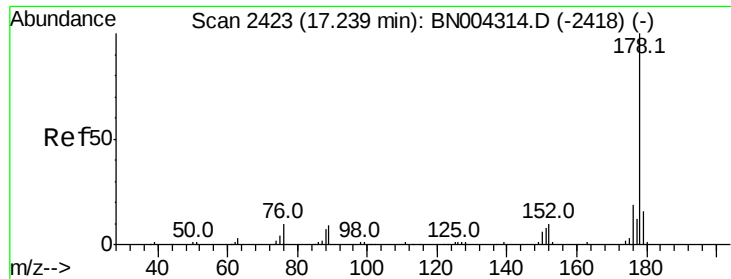


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 24.891 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampled :

BF023

Tot Ion:178 Resp: 290625

Ion Ratio Lower Upper

178 100

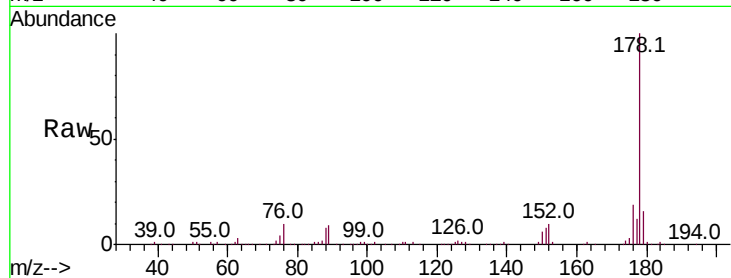
179 15.6 12.1 18.1

176 18.8 15.0 22.6

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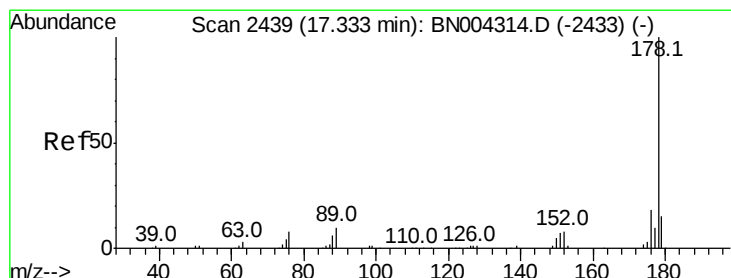
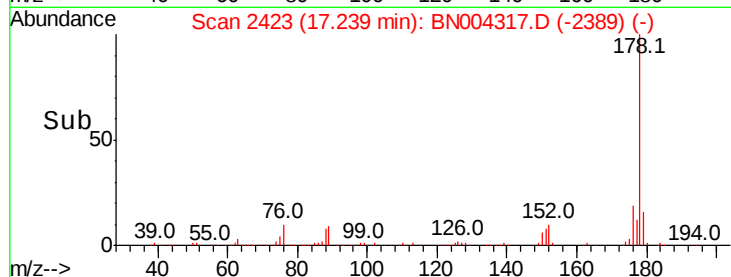
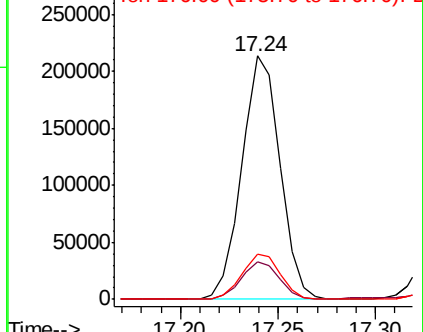
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 6.191 ng/ul

RT: 17.33 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

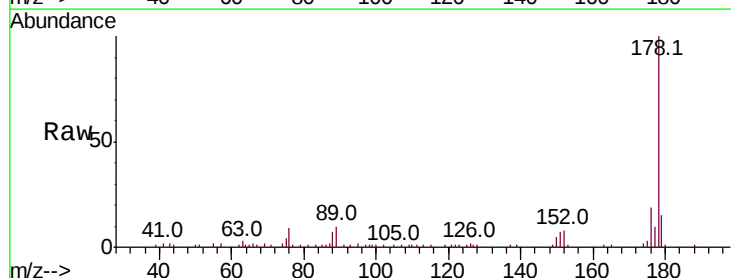
Tgt Ion:178 Resp: 74092

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

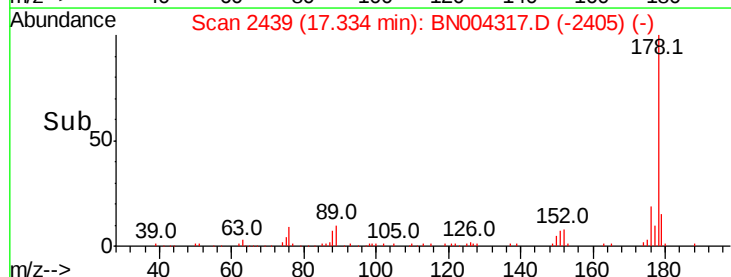
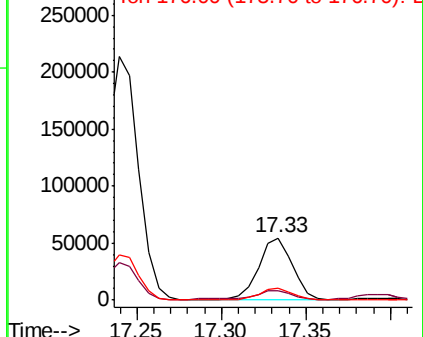
176 18.7 15.2 22.8

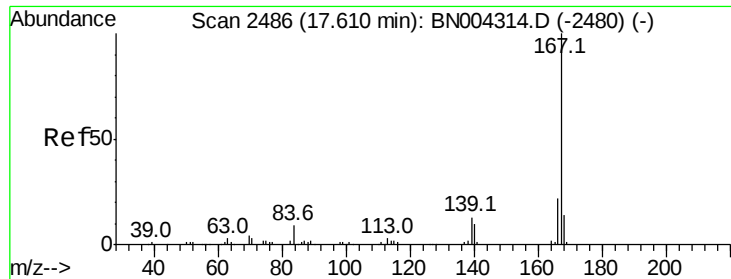


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





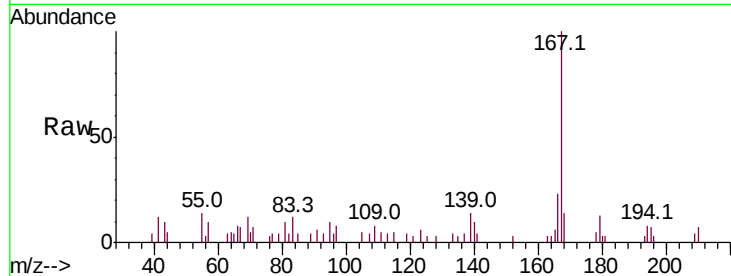
#74
 Carbazole
 Concen: 1.464 ng/ul
 RT: 17.61 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BN004317.D
 Acq: 03 Jan 2019 14:33

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.4	26.0
139	13.9	10.2	15.2

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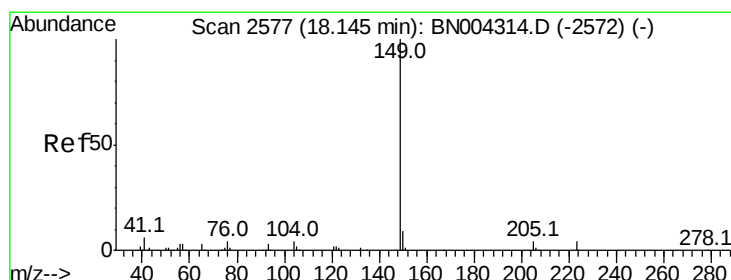
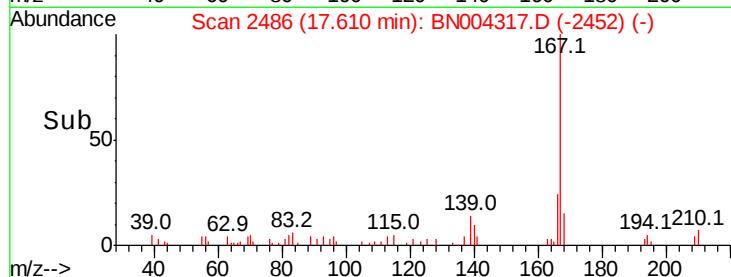
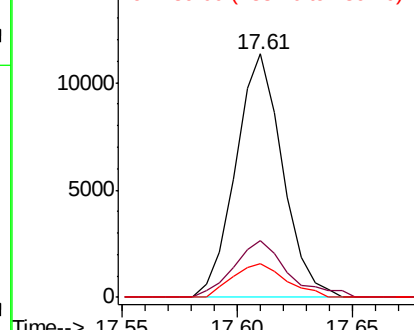


Abundance

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



#75
 Di-n-butylphthalate
 Concen: 4.223 ng/ul
 RT: 18.15 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BN004317.D
 Acq: 03 Jan 2019 14:33

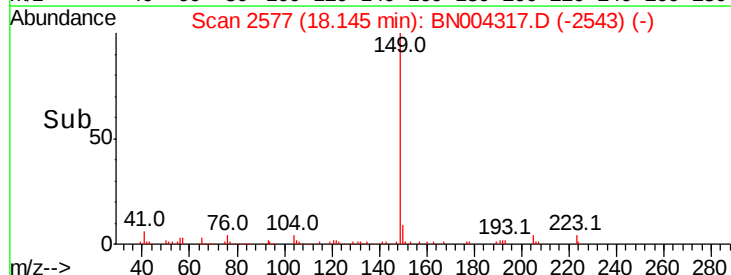
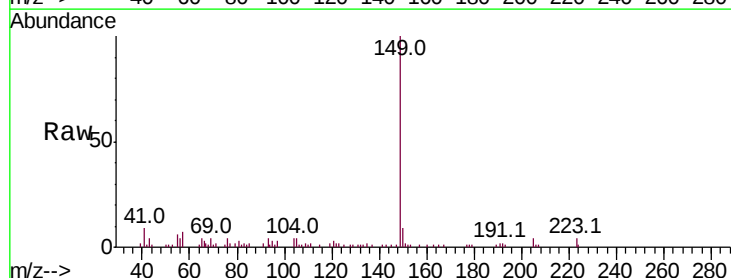
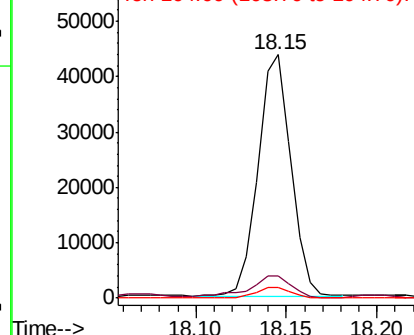
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.3	3.6	5.4

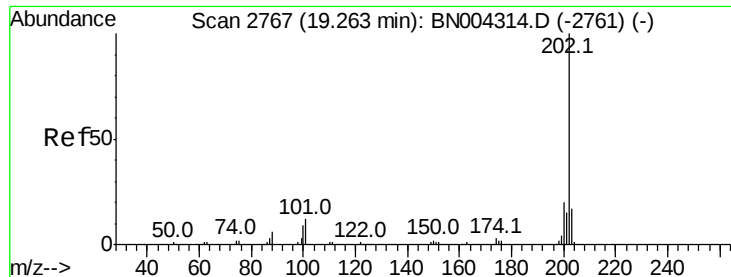
Abundance

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





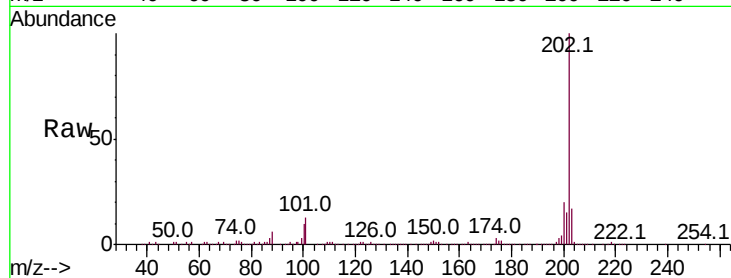
#76
Fluoranthene
Concen: 32.644 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Instrument :
BNA_N
ClientSampleId :
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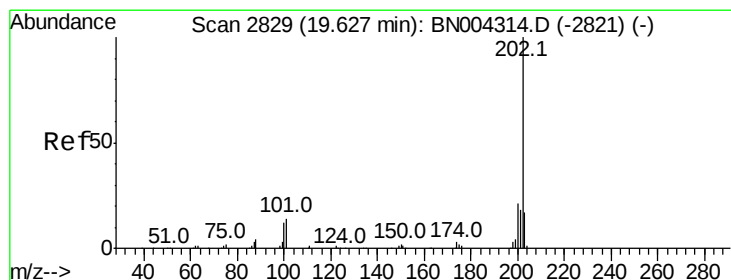
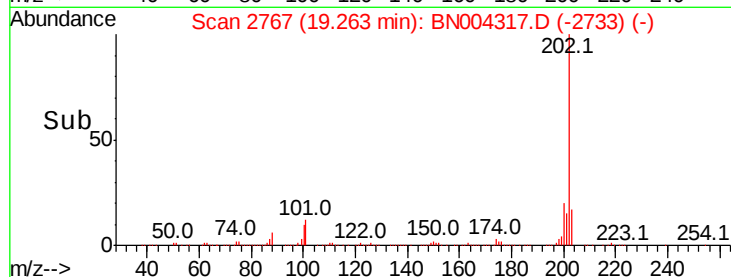
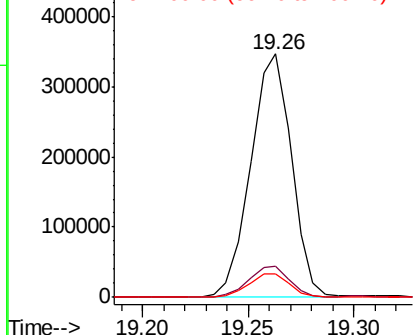
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	9.8	7.8	11.8

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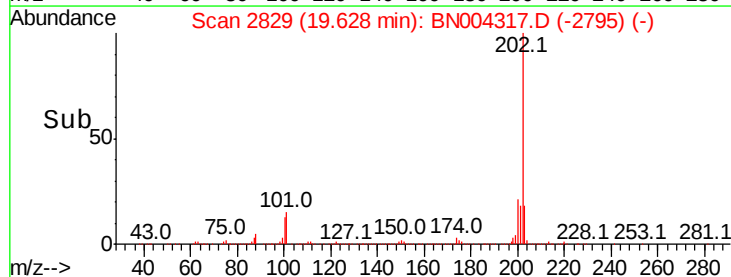
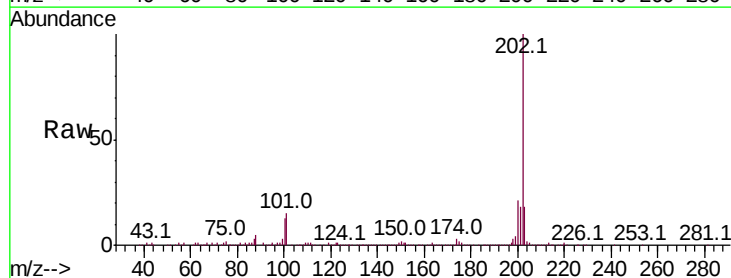
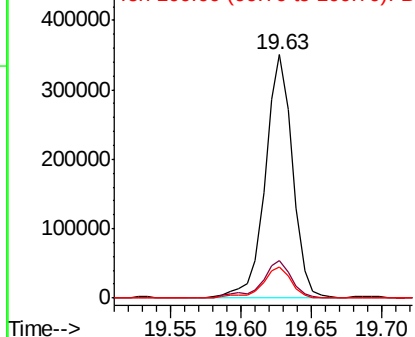
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

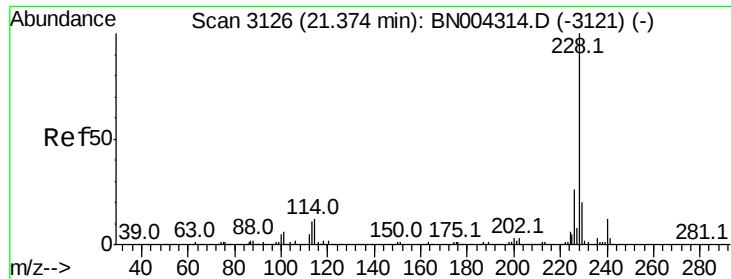


#79
Pyrene
Concen: 48.285 ng/ul
RT: 19.63 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.6	9.9	14.9

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





#82

Benzo(a)anthracene

Concen: 22.242 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

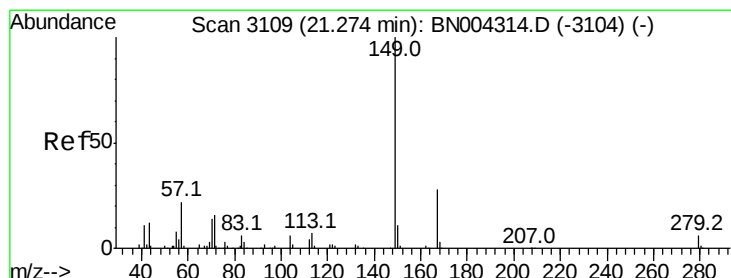
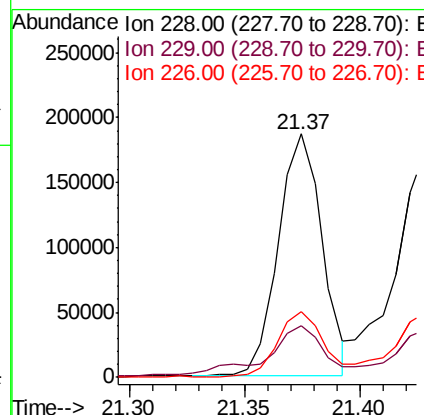
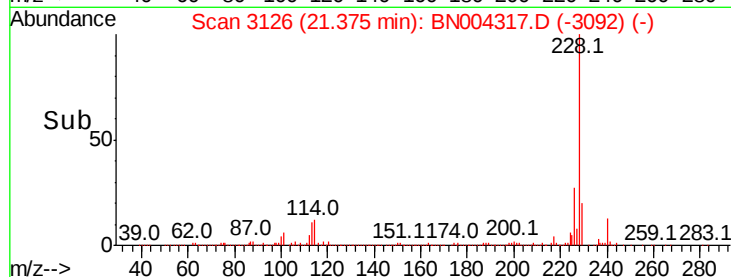
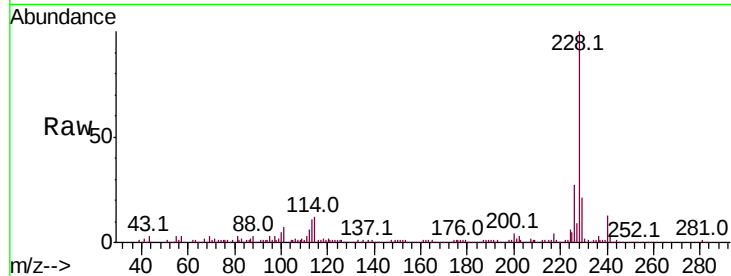
ClientSampled :

BF023

Tot Ion:228	Resp:	244528
Ion Ratio	Lower	Upper
228 100		
229 21.3	15.9	23.9
226 27.1	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 7.064 ng/ul

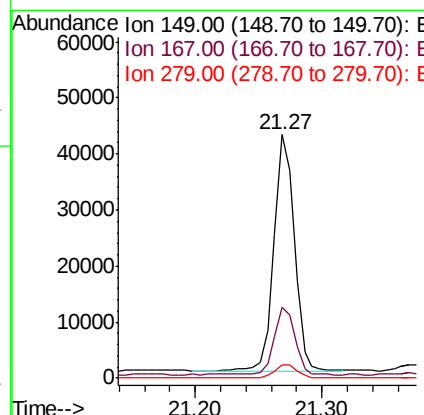
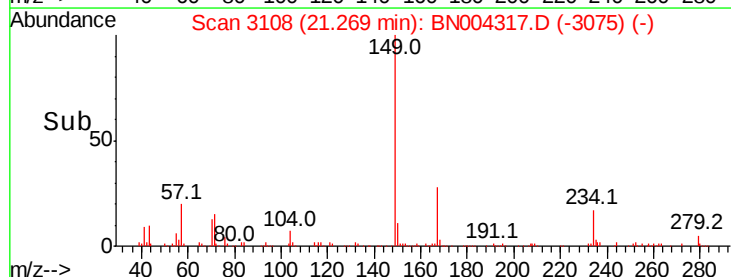
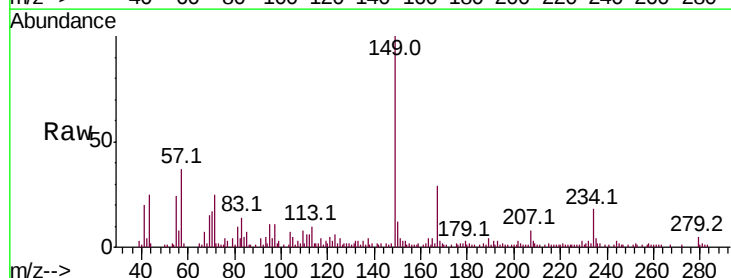
RT: 21.27 min Scan# 3108

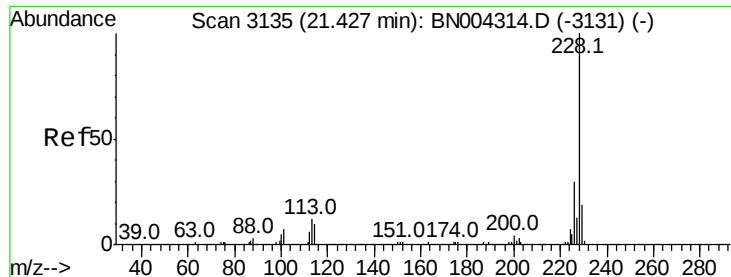
Delta R.T. -0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Tgt Ion:149	Resp:	47493
Ion Ratio	Lower	Upper
149 100		
167 29.0	23.0	34.4
279 5.3	4.4	6.6





#84

Chrysene

Concen: 23.075 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

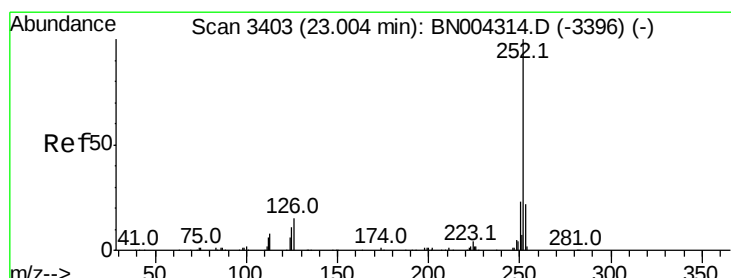
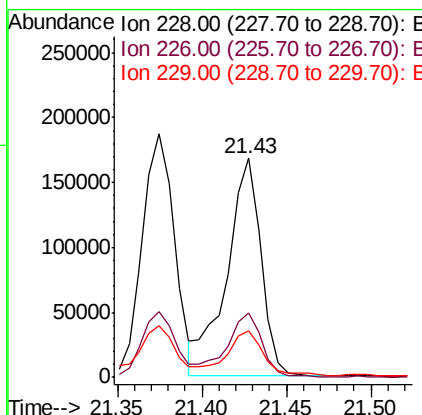
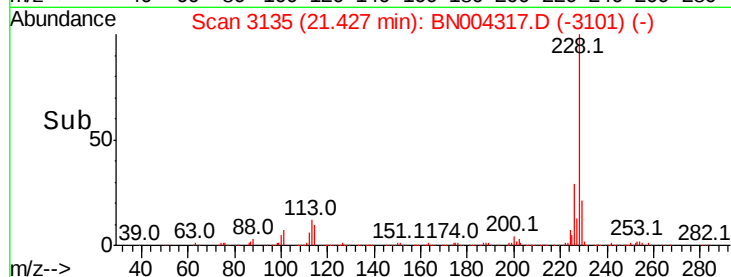
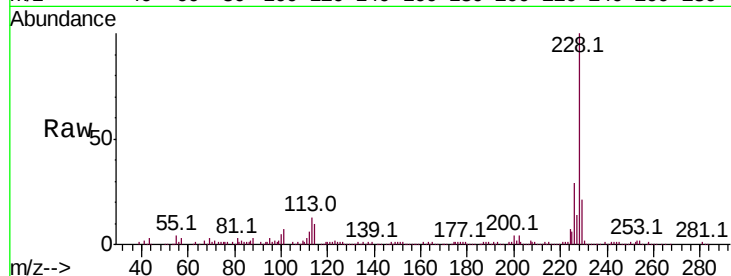
ClientSampled :

BF023

Tot Ion:	228	Resp:	237619
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.8
229	21.4	15.8	23.6

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#87

Benzo(b)fluoranthene

Concen: 27.926 ng/ul

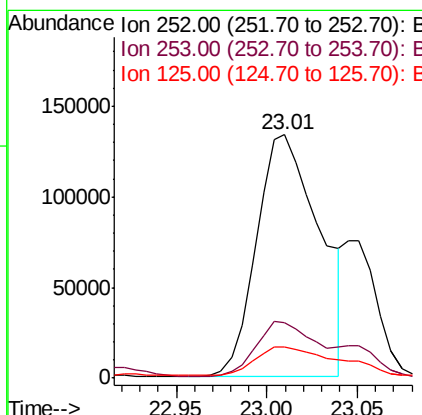
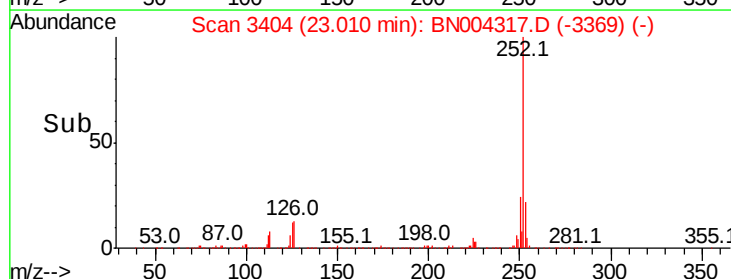
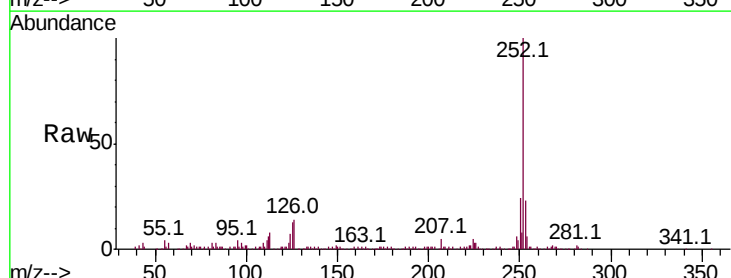
RT: 23.01 min Scan# 3404

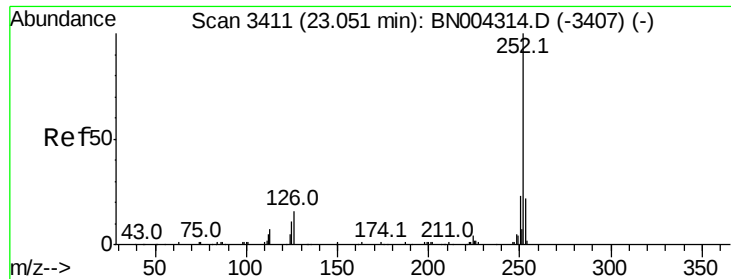
Delta R.T. 0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Tgt Ion:	252	Resp:	324232
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	12.7	8.2	12.4#





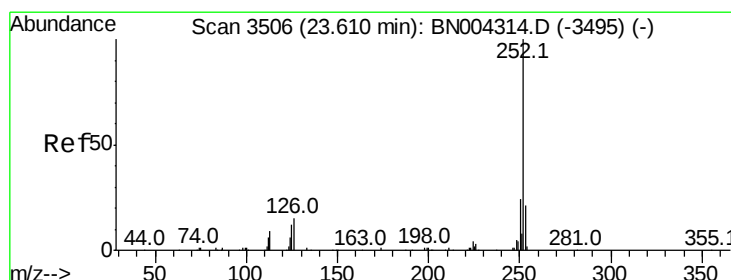
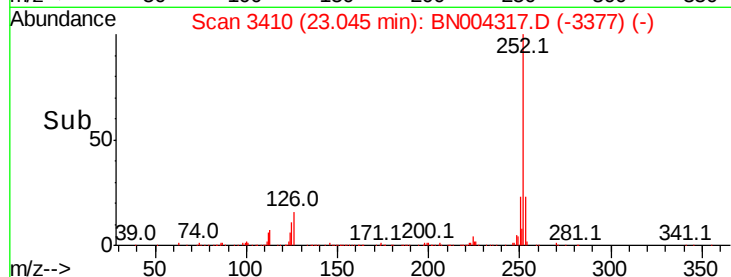
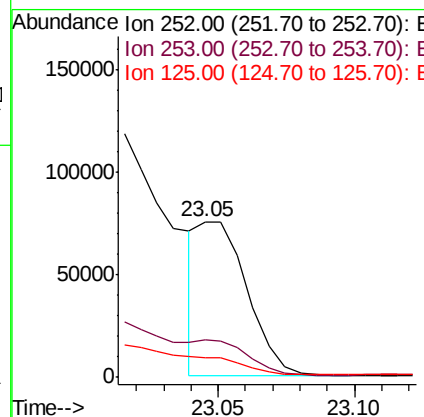
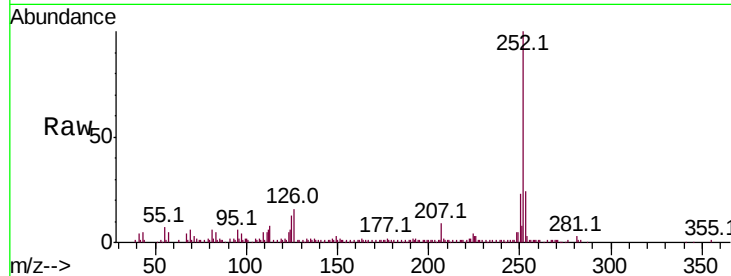
#88
Benzo(k)fluoranthene
Concen: 8.615 ng/ul m
RT: 23.05 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Instrument :
BNA_N
ClientSampleId :
BF023

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	12.8	7.9	11.9

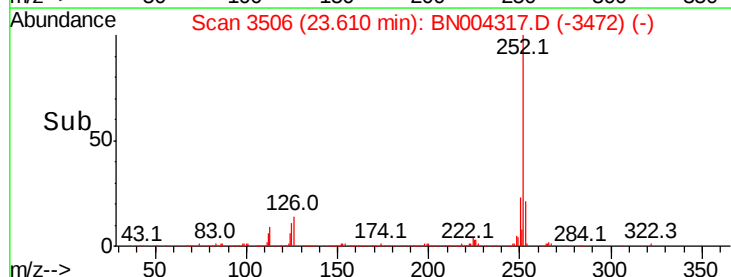
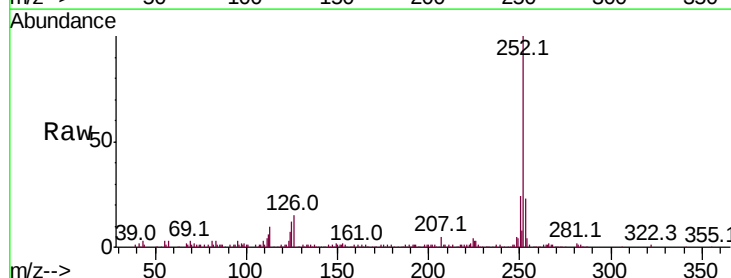
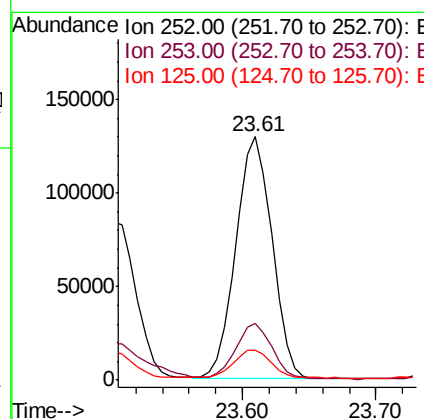
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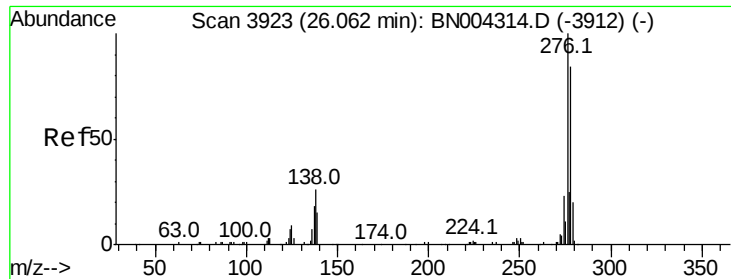
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#90
Benzo(a)pyrene
Concen: 21.952 ng/ul
RT: 23.61 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.4	9.1	13.7





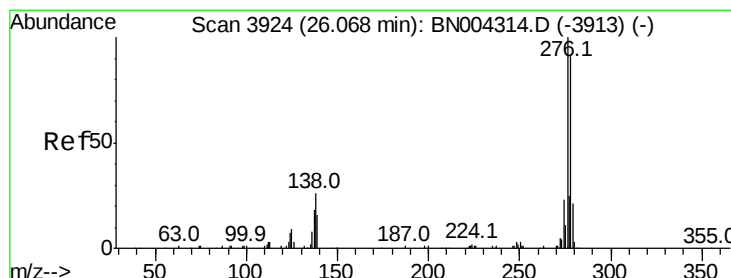
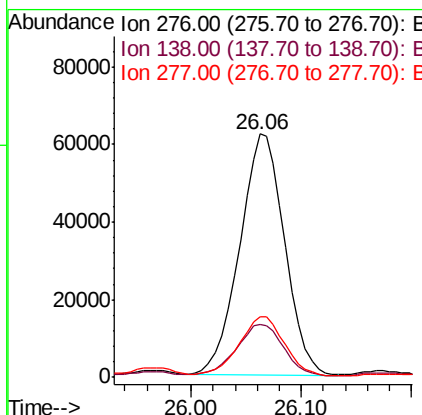
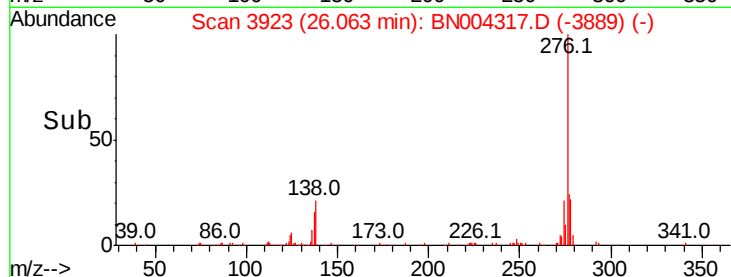
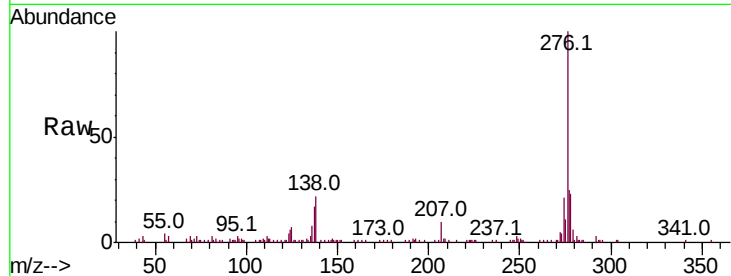
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 12.140 ng/u1
 RT: 26.06 min Scan# 3923
 Delta R.T. 0.00 min
 Lab File: BN004317.D
 Acq: 03 Jan 2019 14:33

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.4	30.6
277	24.9	20.6	30.8

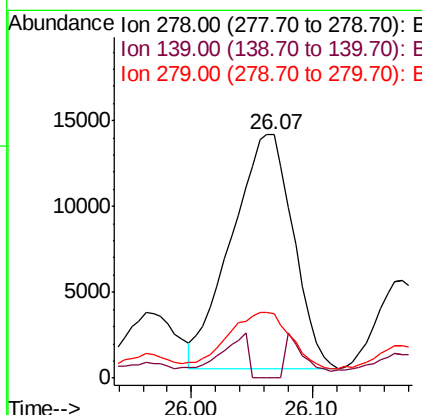
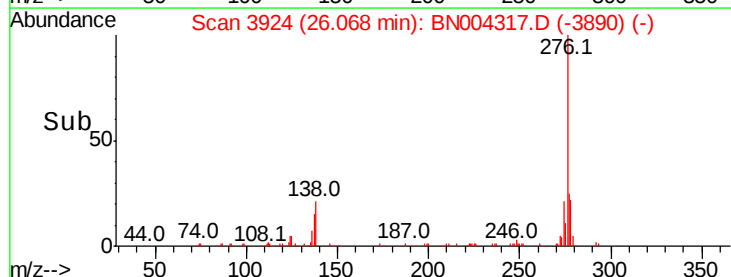
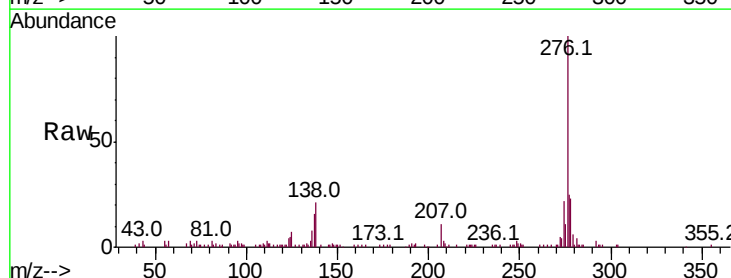
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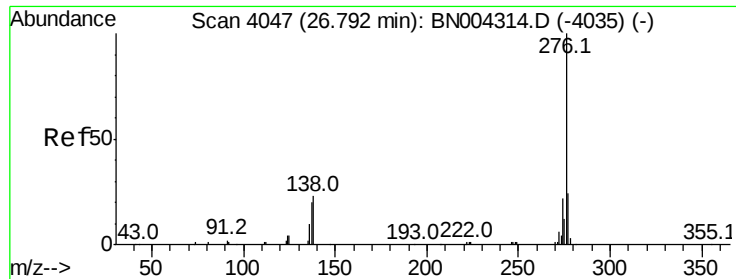
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#92
 Dibenzo(a,h)anthracene
 Concen: 4.007 ng/u1
 RT: 26.07 min Scan# 3924
 Delta R.T. 0.00 min
 Lab File: BN004317.D
 Acq: 03 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.3	19.0	28.6





#93

Benzo(a,h,i)perylene

Concen: 13.302 ng/ul

RT: 26.80 min Scan# 4048

Delta R.T. 0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

Tot Ion:	276	Resp:	162284
Ion Ratio		Lower	Upper
276	100		
138	21.8	18.2	27.4
277	24.5	19.0	28.6

Manual Integrations
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