

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009187.D
 Acq On : 26 Dec 2019 23:52
 Operator : JU
 Sample : K6381-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5S1

Manual Integrations
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Quant Time: Dec 27 04:15:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 27 01:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	315757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1404721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	904362	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1887224	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1410103	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1278493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	34832	5.04	ng/uL	0.00
5) Phenol-d5	6.72	99	869706	28.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	566927	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	667252	31.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	712960	29.42	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	352503	33.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	396216	33.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	697804	31.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	954288	35.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	2082109	30.65	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2631022	33.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	380920	28.20	ng/ul	0.00
57) Fluorene-d10	15.15	176	1876492	31.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	207870	17.65	ng/ul	0.00
70) Anthracene-d10	17.00	188	2752007	31.35	ng/ul	0.00
78) Pyrene-d10	19.30	212	2891827	39.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2138263	33.19	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.69	77	21910	1.164	ng/ul#	84
28) Naphthalene	10.33	128	162960	2.174	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	80545	1.490	ng/ul	91
44) Dimethylphthalate	13.62	163	123435	1.777	ng/ul	99
47) Acenaphthylene	13.88	152	168549	1.972	ng/ul	99
49) Acenaphthene	14.22	153	116053	2.024	ng/ul	98
53) Dibenzofuran	14.56	168	161665	2.008	ng/ul	97
58) Fluorene	15.21	166	180389	2.681	ng/ul	94
69) Phenanthrene	16.95	178	2933206	28.190	ng/ul	99
71) Anthracene	17.03	178	567529	5.301	ng/ul	100
74) Carbazole	17.30	167	168096	1.817	ng/ul	98
76) Fluoranthene	18.97	202	3998820	33.274	ng/ul	99
79) Pyrene	19.33	202	3377574	34.536	ng/ul	98
82) Benzo(a)anthracene	21.09	228	1567546	16.452	ng/ul#	91
84) Chrysene	21.15	228	1467901	16.031	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	1478579	18.922	ng/ul	98
88) Benzo(k)fluoranthene	22.65	252	585397m	7.671	ng/ul	
90) Benzo(a)pyrene	23.16	252	977651	13.626	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	550423	6.332	ng/ul	96
92) Dibenz(a,h)anthracene	25.34	278	169900	2.316	ng/ul#	84
93) Benzo(a,h,i)perylene	25.98	276	529367	7.278	ng/ul	95

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

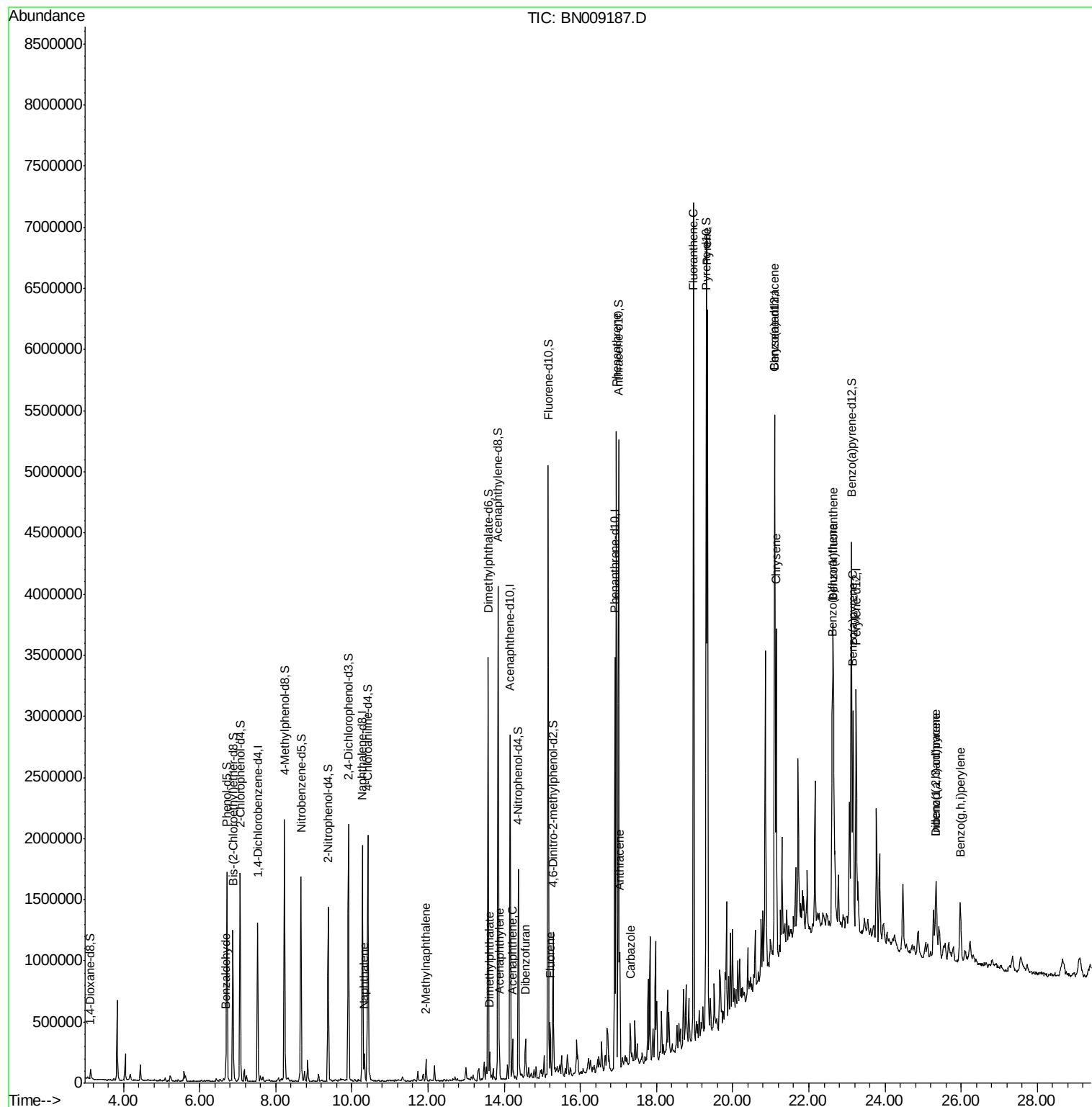
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
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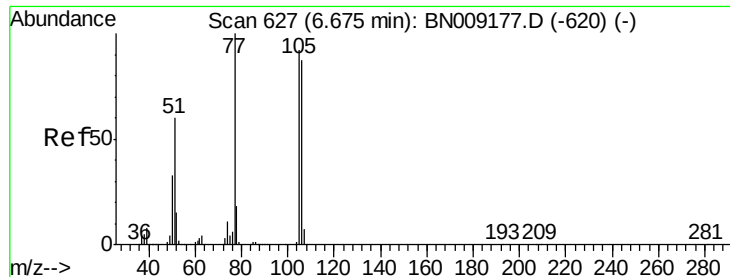
Instrument :
BNA_N
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CB5S1

Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.164 ng/ul

RT: 6.69 min Scan# 629

Delta R.T. 0.01 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

ClientSampled :

CB5S1

Tot Ion: 77 Resp: 21910

Ion Ratio Lower Upper

77 100

105 119.9 73.9 110.9#

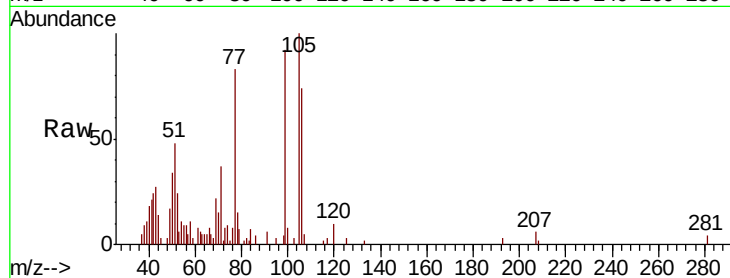
106 88.1 72.1 108.1

Manual Integrations

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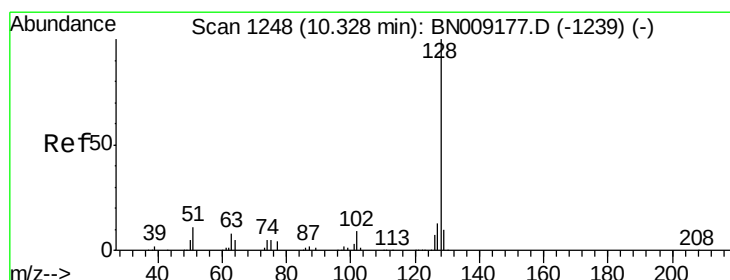
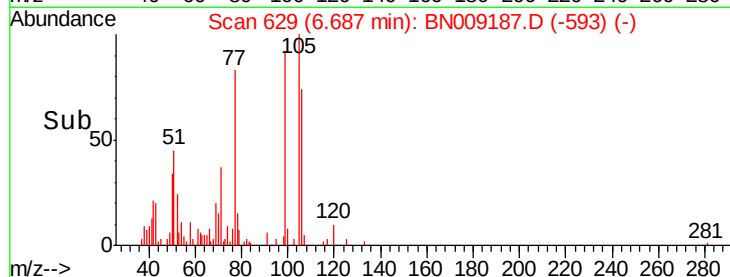
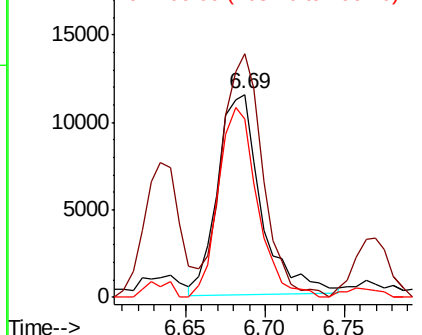
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Abundance Ion 77.00 (76.70 to 77.70): BN009187.D (-593) (-)

Ion 105.00 (104.70 to 105.70): BN009187.D (-593) (-)

Ion 106.00 (105.70 to 106.70): BN009187.D (-593) (-)



#28

Naphthalene

Concen: 2.174 ng/ul

RT: 10.33 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

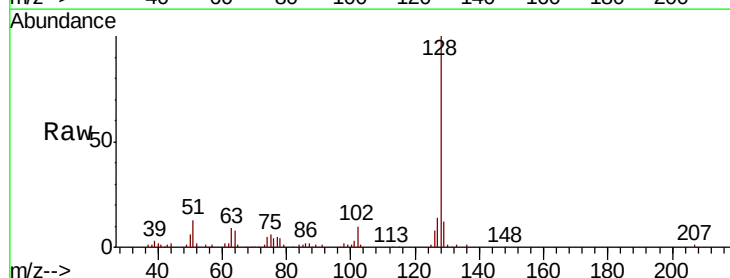
Tgt Ion: 128 Resp: 162960

Ion Ratio Lower Upper

128 100

129 12.2 8.7 13.1

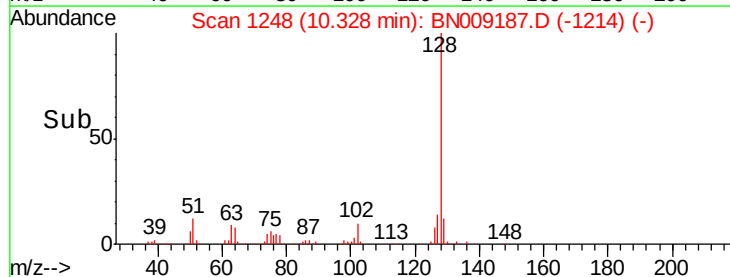
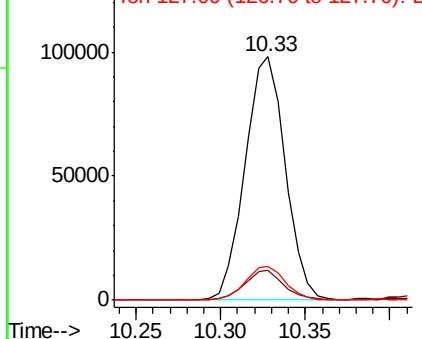
127 13.6 10.4 15.6

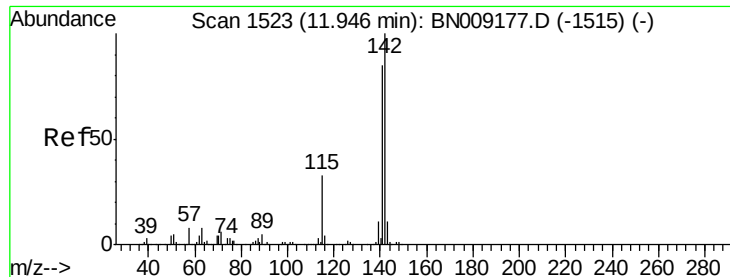


Abundance Ion 128.00 (127.70 to 128.70): BN009187.D (-1214) (-)

Ion 129.00 (128.70 to 129.70): BN009187.D (-1214) (-)

Ion 127.00 (126.70 to 127.70): BN009187.D (-1214) (-)





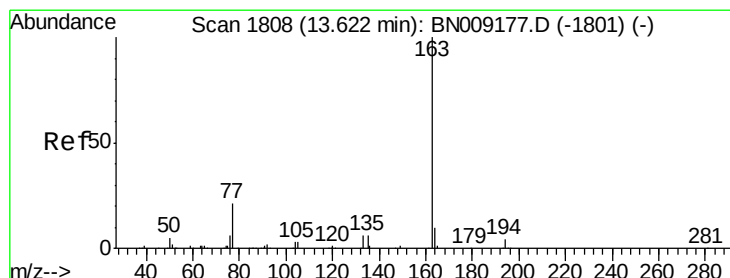
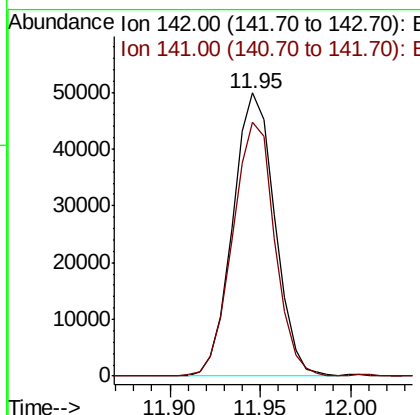
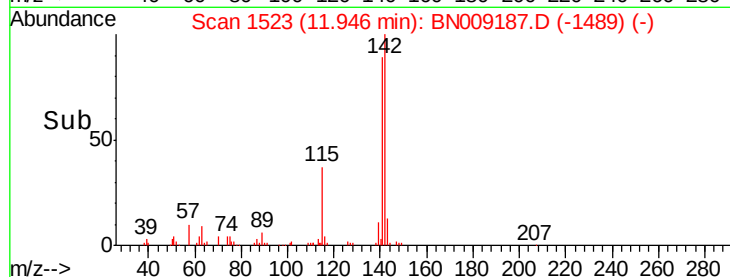
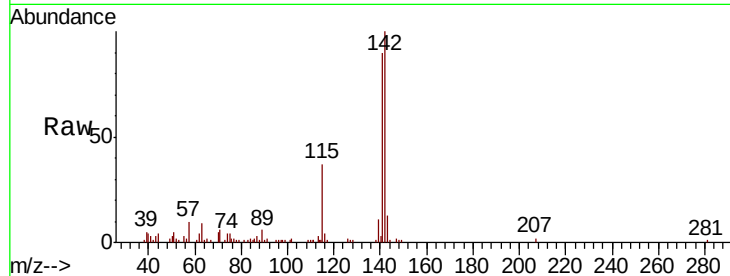
#34
2-Methylnaphthalene
Concen: 1.490 ng/ul
RT: 11.95 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampled :
CB5S1

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	65.8	98.6

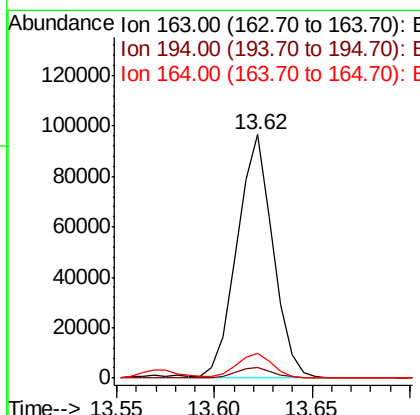
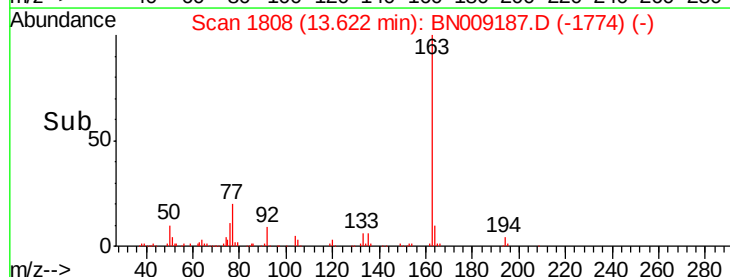
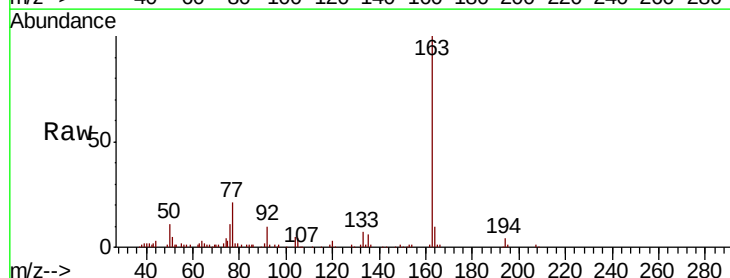
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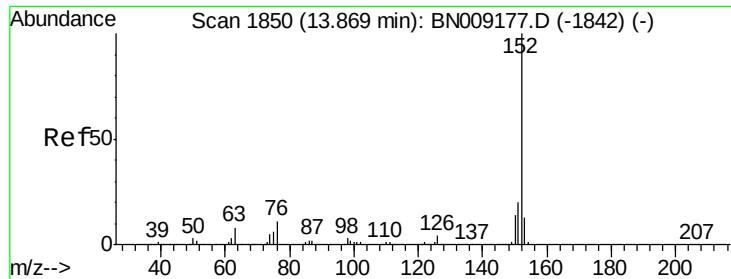
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#44
Dimethylphthalate
Concen: 1.777 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.3	12.5





#47

Acenaphthylene

Concen: 1.972 ng/ul

RT: 13.88 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

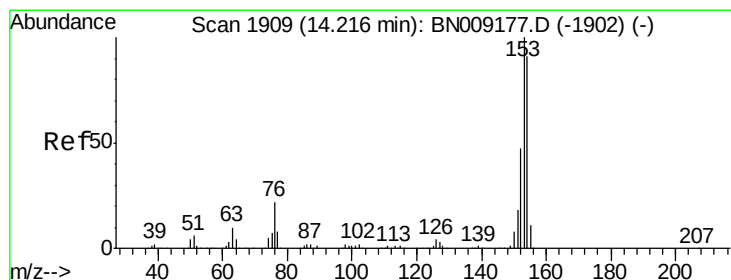
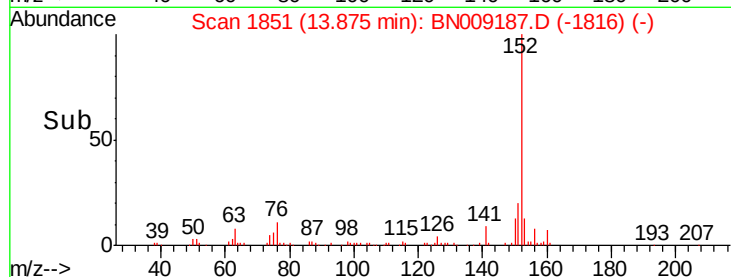
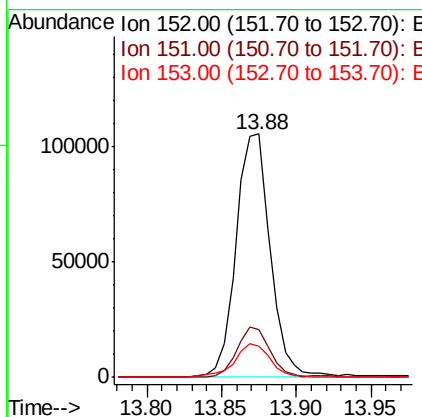
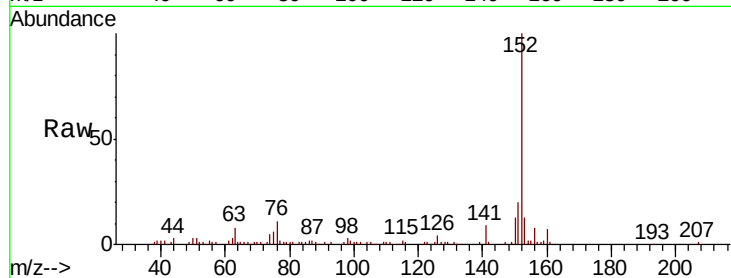
ClientSampled :

CB5S1

Tot Ion:	152	Resp:	168549
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.4	23.2
153	12.7	10.3	15.5

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#49

Acenaphthene

Concen: 2.024 ng/ul

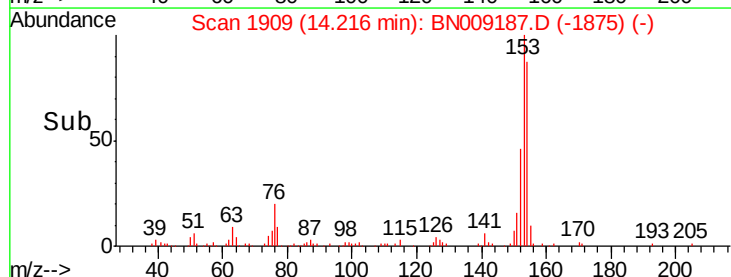
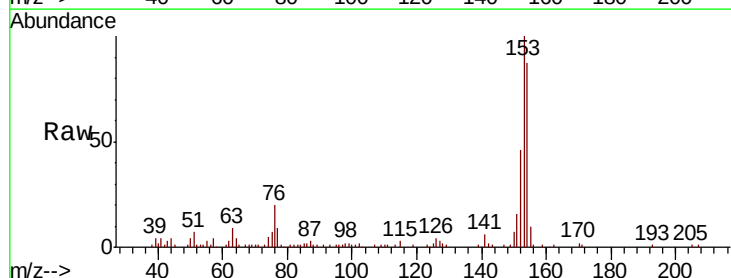
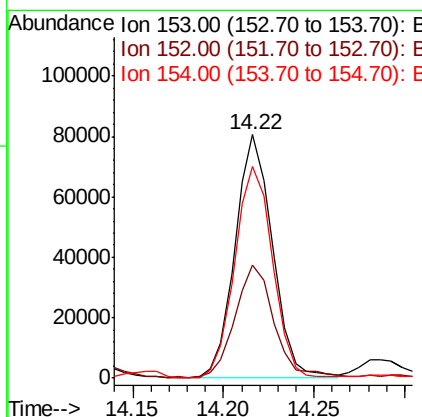
RT: 14.22 min Scan# 1909

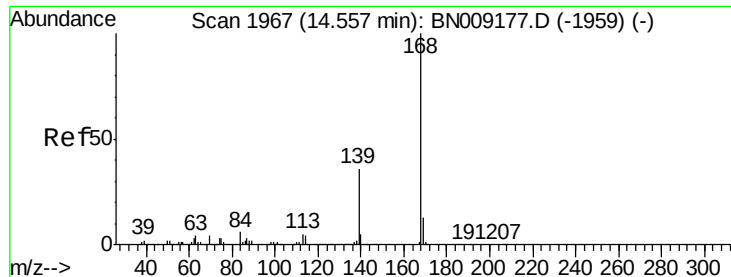
Delta R.T. 0.00 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Tgt Ion:	153	Resp:	116053
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.8	56.8
154	86.9	71.3	106.9





#53

Dibenzofuran

Concen: 2.008 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

ClientSampled :

CB5S1

Tot Ion:168 Resp: 161665

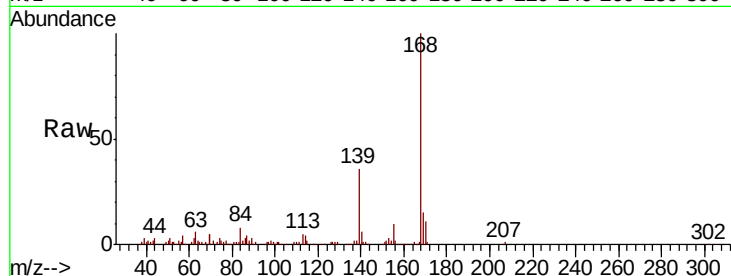
Ion Ratio Lower Upper

168 100

139 36.1 30.3 45.5

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

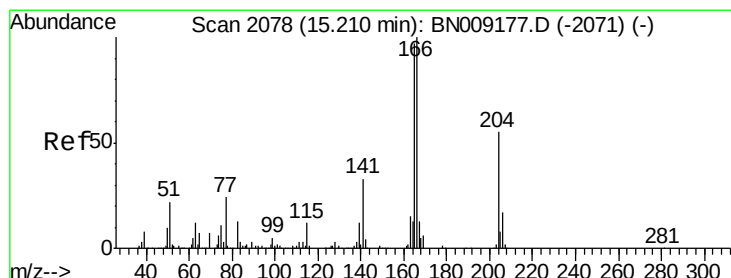
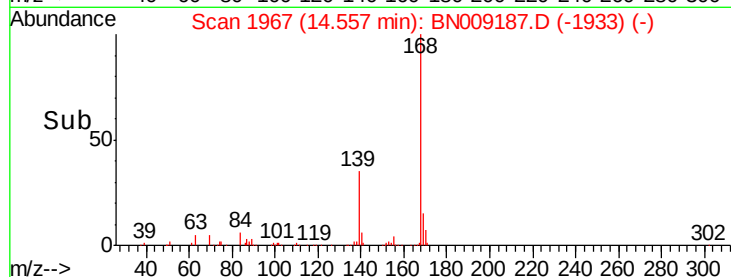
14.56

100000

50000

0

Time-->



#58

Fluorene

Concen: 2.681 ng/ul

RT: 15.21 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

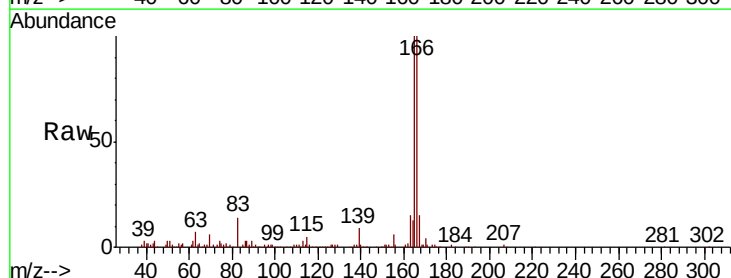
Tgt Ion:166 Resp: 180389

Ion Ratio Lower Upper

166 100

165 100.2 75.3 112.9

167 15.3 10.6 16.0



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

15.21

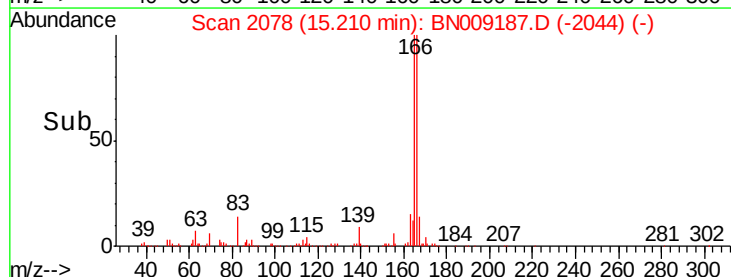
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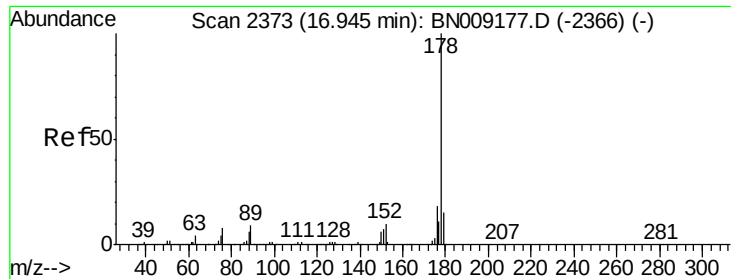
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50000

0

Time-->





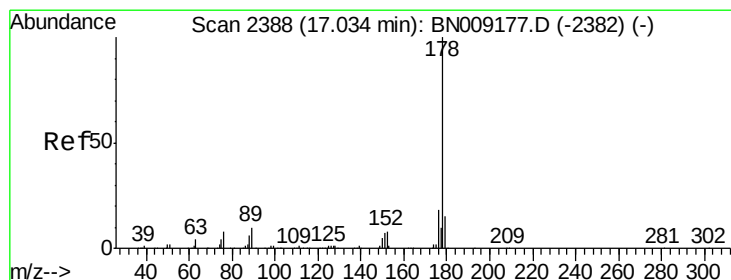
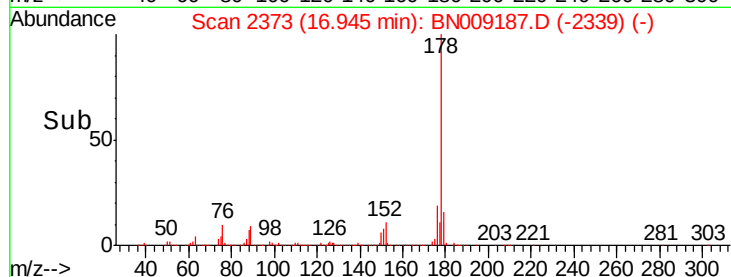
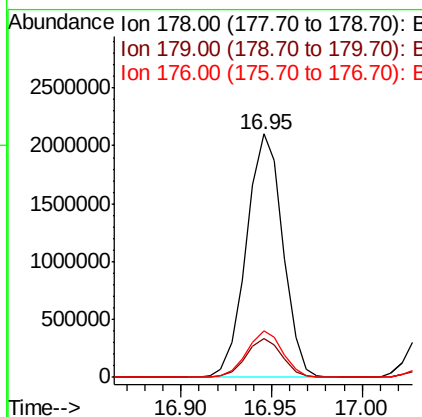
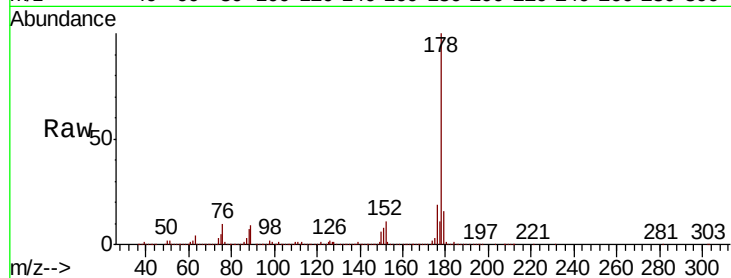
#69
Phenanthrene
Concen: 28.190 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.0	15.2	22.8

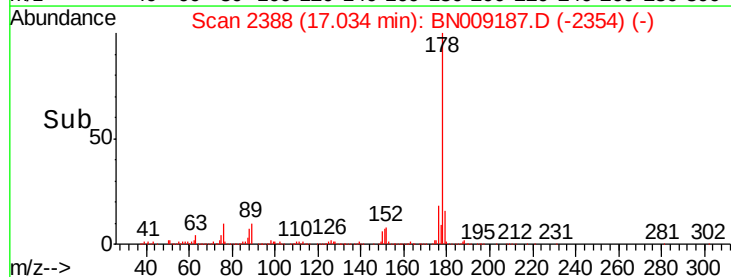
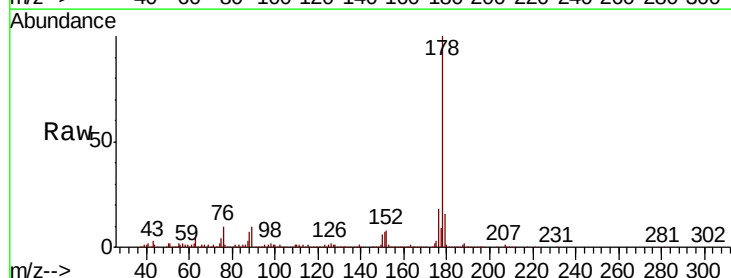
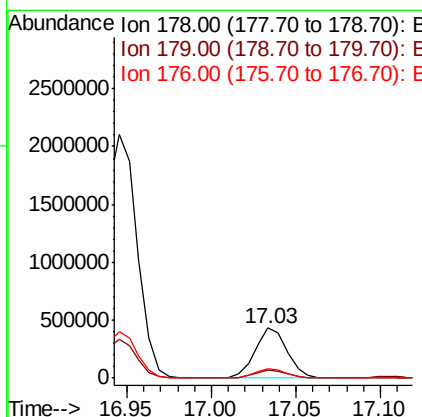
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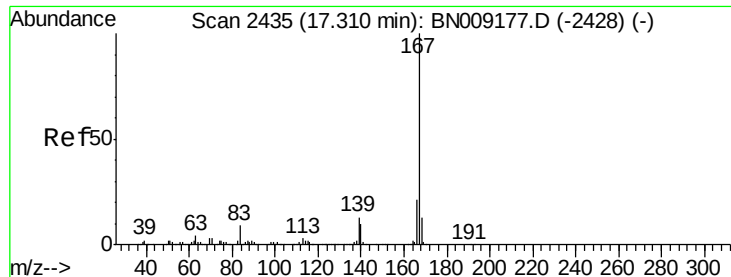
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#71
Anthracene
Concen: 5.301 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.3	14.8	22.2





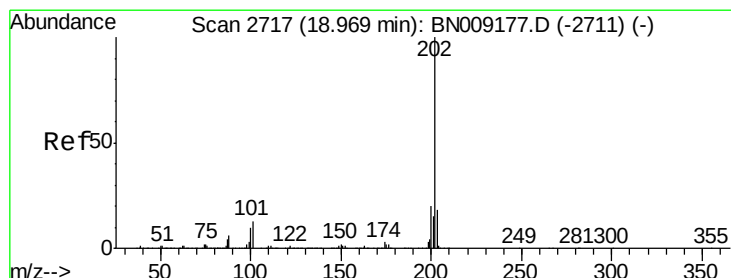
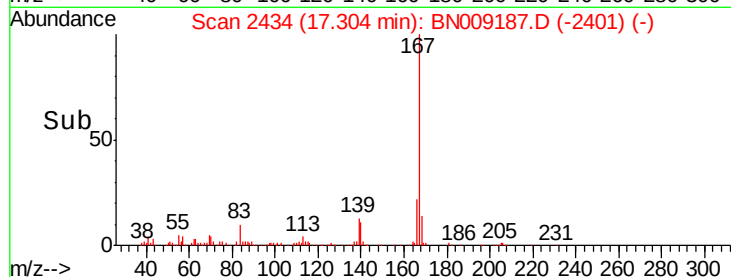
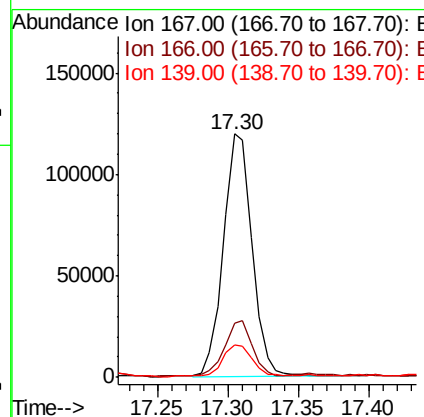
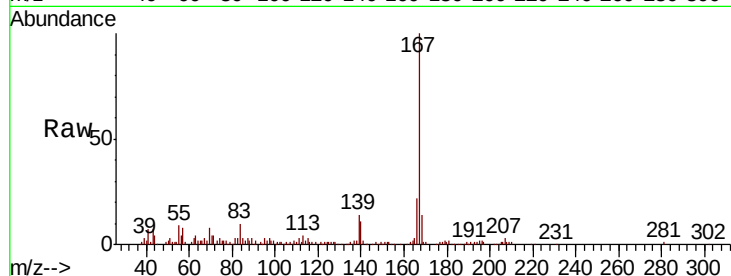
#74
 Carbazole
 Concen: 1.817 ng/ul
 RT: 17.30 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BN009187.D
 Acq: 26 Dec 2019 23:52

Instrument :
 BNA_N
 ClientSampleId :
 CB5S1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		168096		
166	22.2		16.8	25.2	
139	13.6		10.6	15.8	

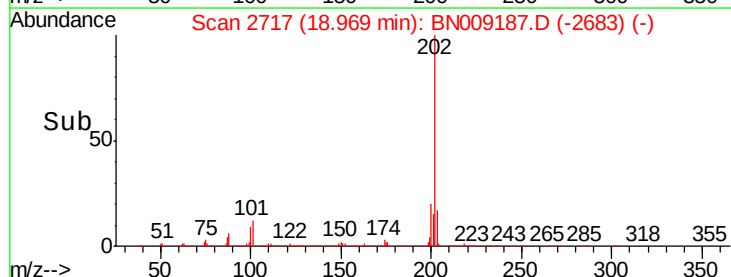
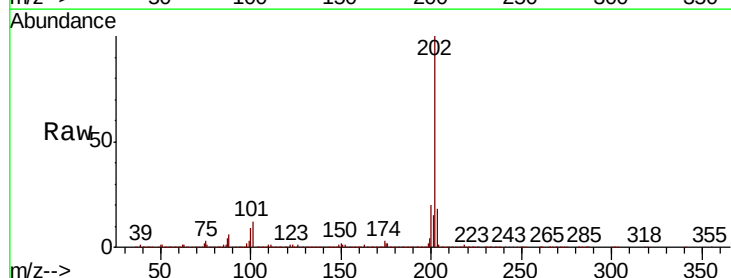
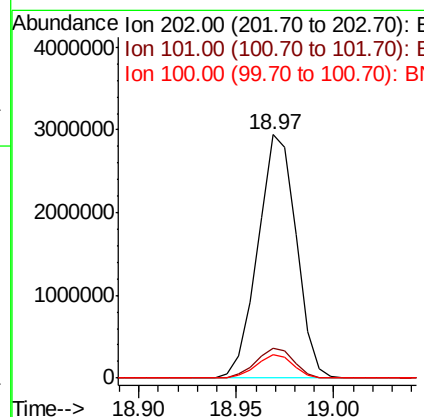
Manual Integrations
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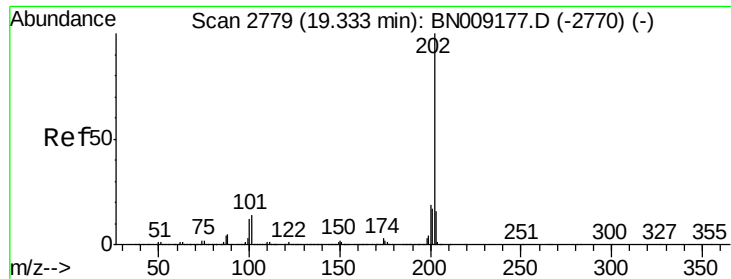
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#76
 Fluoranthene
 Concen: 33.274 ng/ul
 RT: 18.97 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BN009187.D
 Acq: 26 Dec 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		3998820		
101	12.1		9.3	13.9	
100	9.4		7.6	11.4	





#79

Pvrene

Concen: 34.536 ng/ul

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

ClientSampleId :

CB5S1

Tot Ion:202 Resp: 3377574

Ion Ratio Lower Upper

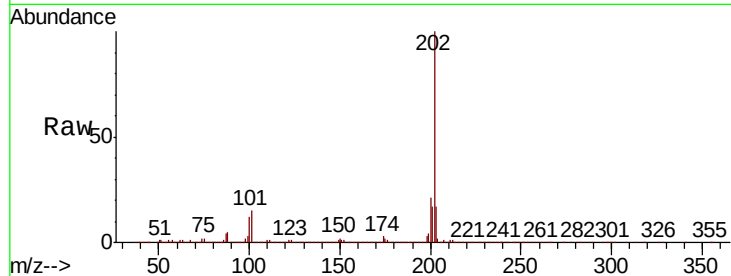
202 100

101 14.5 11.1 16.7

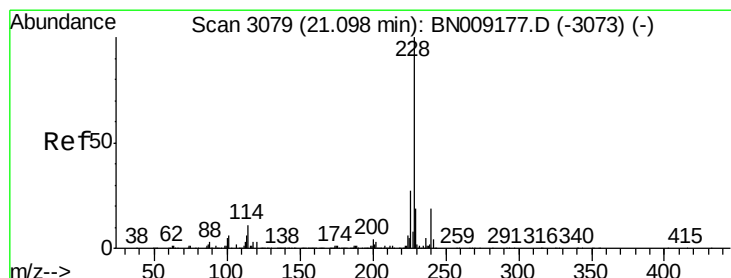
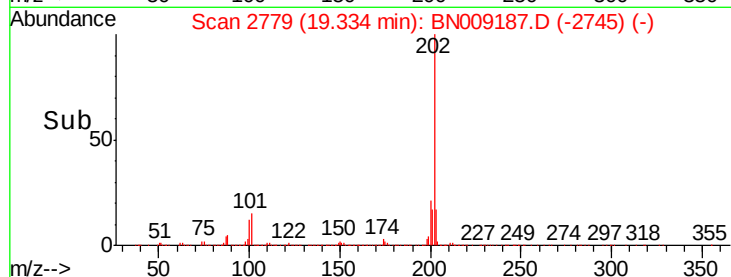
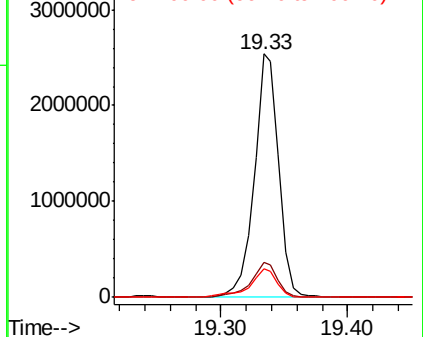
100 12.0 9.0 13.4

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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



#82

Benzo(a)anthracene

Concen: 16.452 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

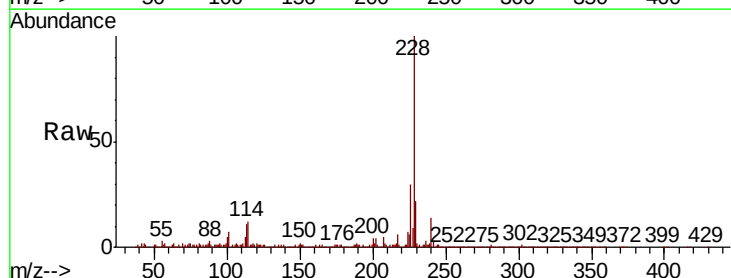
Tgt Ion:228 Resp: 1567546

Ion Ratio Lower Upper

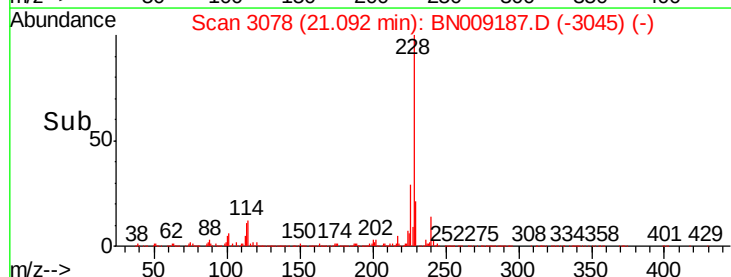
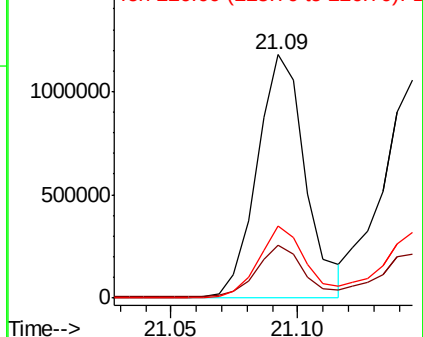
228 100

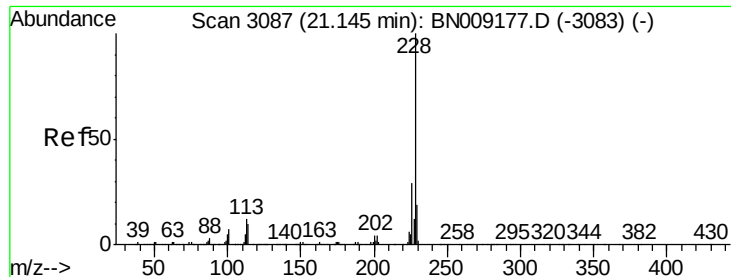
229 21.9 15.2 22.8

226 29.8 19.8 29.6#



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





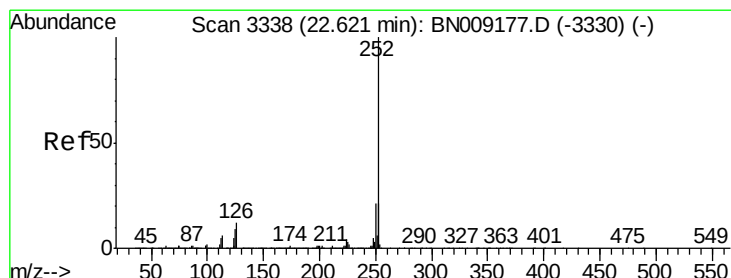
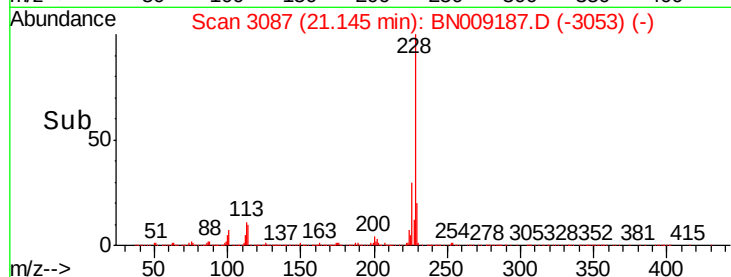
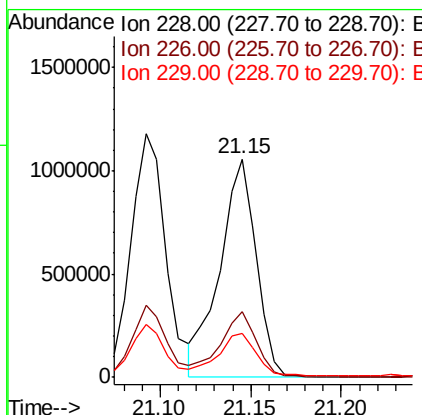
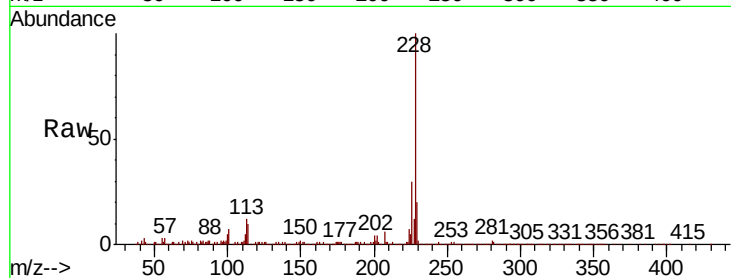
#84
Chrysene
Concen: 16.031 ng/ul
RT: 21.15 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.9	15.9	23.9

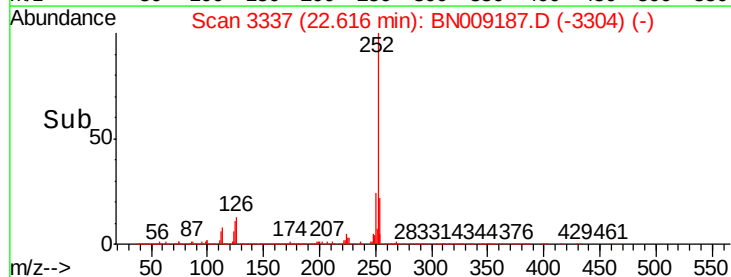
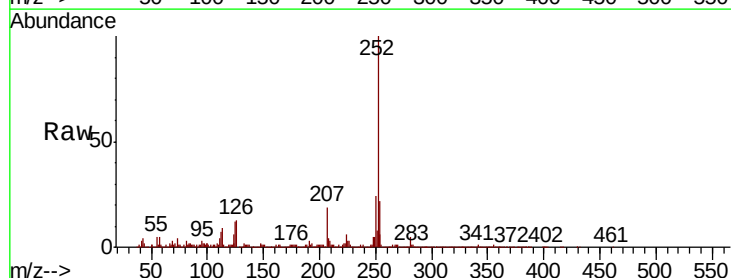
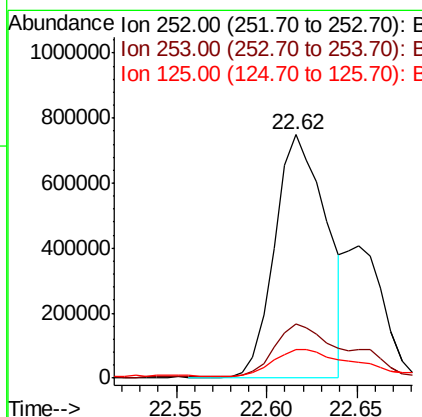
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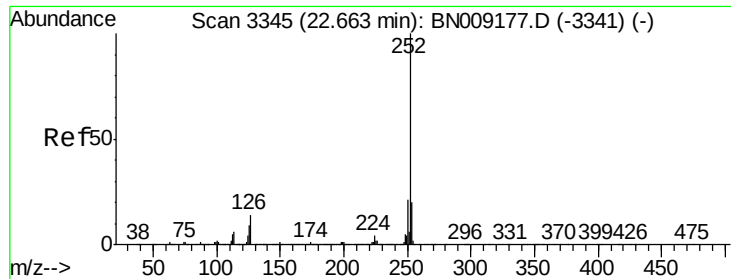
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#87
Benzo(b)fluoranthene
Concen: 18.922 ng/ul
RT: 22.62 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.9	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 7.671 ng/ul m

RT: 22.65 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

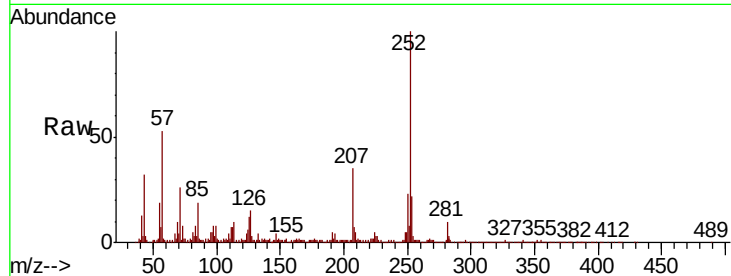
ClientSampled :

CB5S1

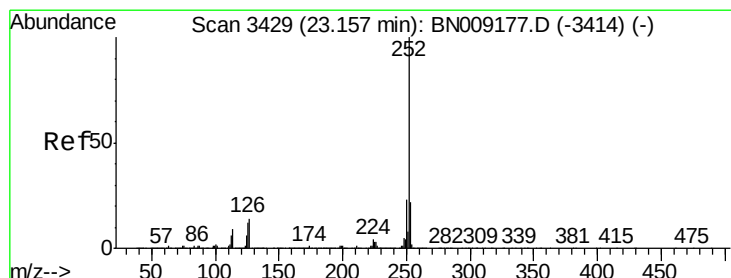
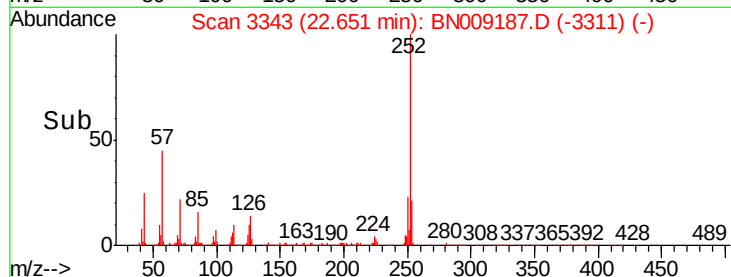
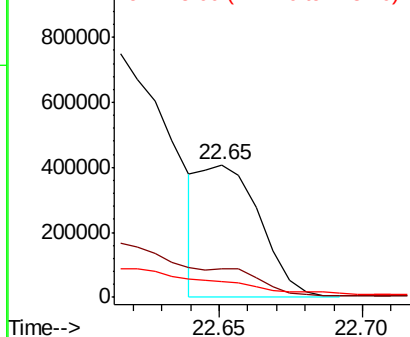
Tot Ion:	252	Resp:	585397
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.0
125	12.1	8.8	13.2

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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



#90

Benzo(a)pyrene

Concen: 13.626 ng/ul

RT: 23.16 min Scan# 3429

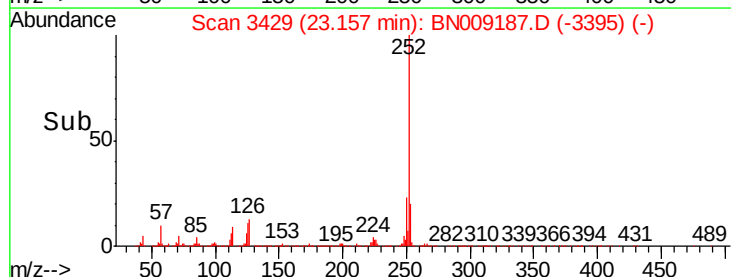
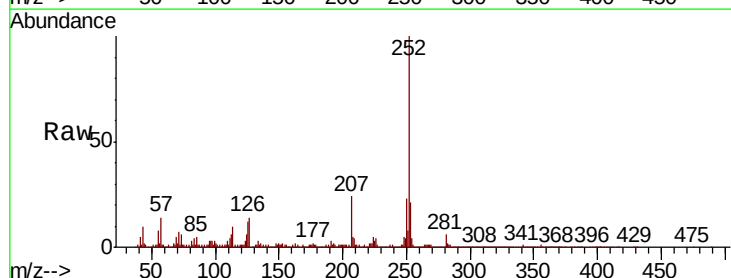
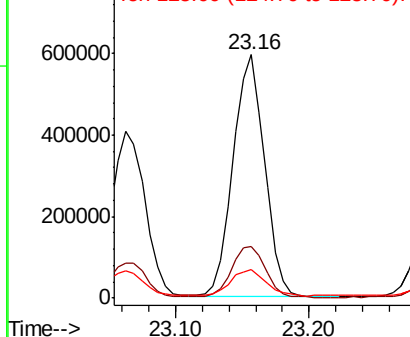
Delta R.T. 0.00 min

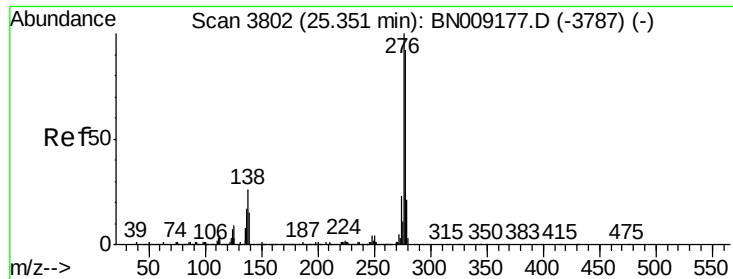
Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Tgt Ion:	252	Resp:	977651
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.7	26.5
125	12.0	9.5	14.3

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





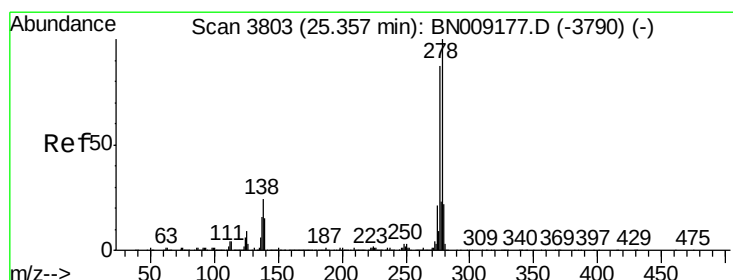
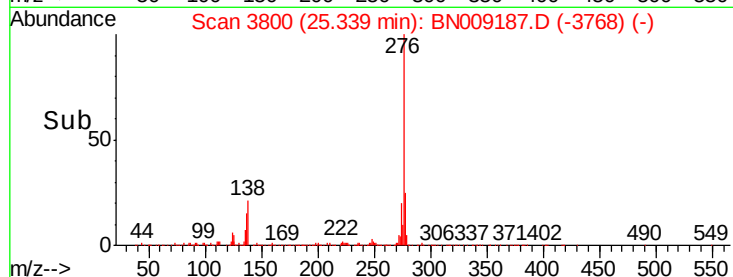
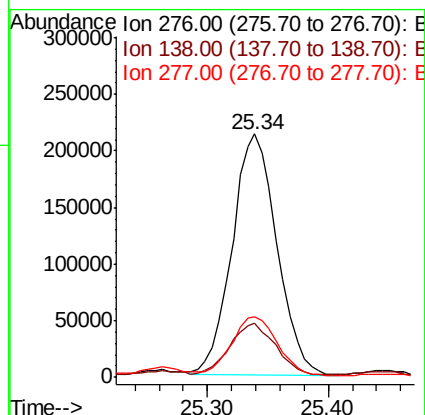
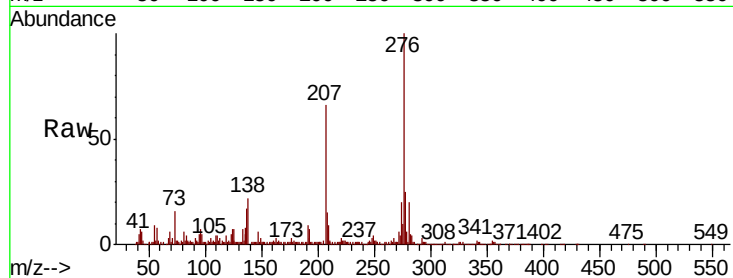
#91
Indeno(1,2,3-cd)pyrene
Concen: 6.332 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampled :
CB5S1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.5	30.7
277	24.7	20.2	30.4

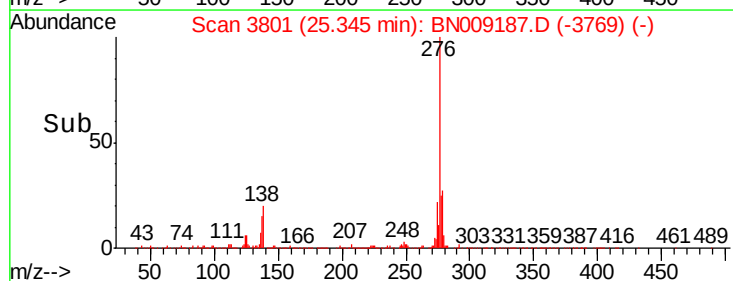
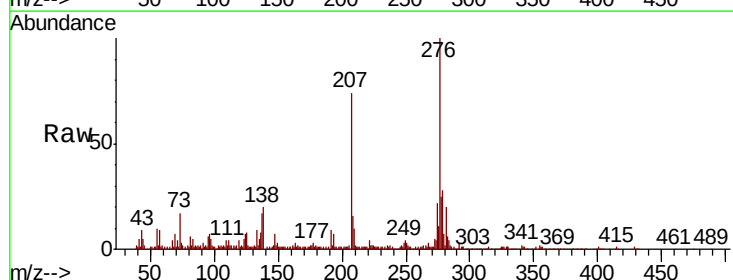
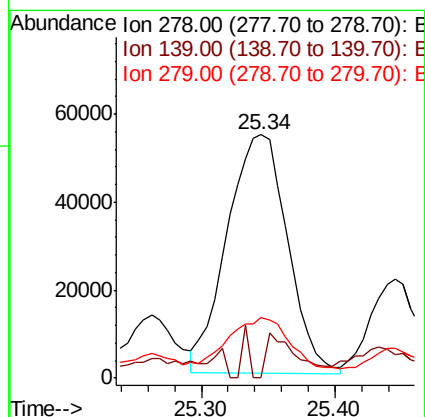
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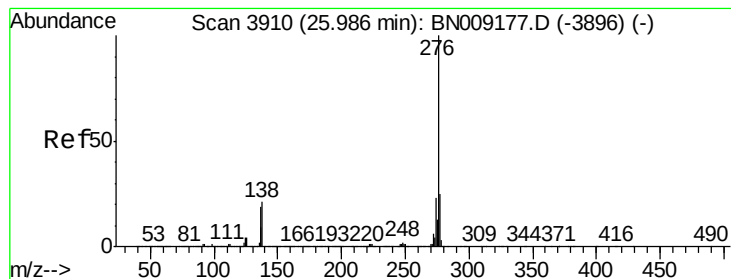
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#92
Dibenzo(a,h)anthracene
Concen: 2.316 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	24.7	19.0	28.6





#93

Benzo(a,h,i)perylene

Concen: 7.278 ng/ul

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BN009187.D

Acq: 26 Dec 2019 23:52

Instrument :

BNA_N

ClientSampleId :

CB5S1

Tot Ion:	276	Resp:	529367
Ion Ratio	Lower	Upper	
276	100		
138	19.4	17.8	26.6
277	21.7	18.9	28.3

Manual Integrations
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