

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009184.D
 Acq On : 26 Dec 2019 22:04
 Operator : JU
 Sample : K6381-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5R8

Manual Integrations
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Quant Time: Dec 27 03:34:34 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	341694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1511565	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	949033	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1959146	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1459746	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1361117	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	34608	4.63	ng/uL	0.00
5) Phenol-d5	6.72	99	854286	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	555883	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	642685	27.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	694054	26.47	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	334970	29.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	380363	29.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	657103	27.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	866280	29.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1943886	27.27	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2487720	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	350953	24.76	ng/ul	0.00
57) Fluorene-d10	15.15	176	1728591	27.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	207709	16.99	ng/ul	0.00
70) Anthracene-d10	17.00	188	2493794	27.36	ng/ul	0.00
78) Pyrene-d10	19.30	212	2669795	35.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1991117	29.03	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.68	77	26247	1.289	ng/ul	96
44) Dimethylphthalate	13.62	163	181798	2.494	ng/ul	97
69) Phenanthrene	16.95	178	1451149	13.434	ng/ul	99
71) Anthracene	17.03	178	287750	2.589	ng/ul	99
74) Carbazole	17.31	167	143175	1.491	ng/ul	99
76) Fluoranthene	18.97	202	2721590	21.815	ng/ul	98
79) Pyrene	19.33	202	2336661	23.080	ng/ul	99
82) Benzo(a)anthracene	21.10	228	1180301	11.966	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.06	149	211866	3.104	ng/ul	98
84) Chrysene	21.15	228	1138485	12.011	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	1423173	17.108	ng/ul	98
88) Benzo(k)fluoranthene	22.66	252	327661	4.033	ng/ul	99
90) Benzo(a)pyrene	23.16	252	832186	10.895	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.34	276	547152	5.913	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.36	278	147119m	1.884	ng/ul	
93) Benzo(g,h,i)perylene	25.98	276	504811	6.519	ng/ul	97

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

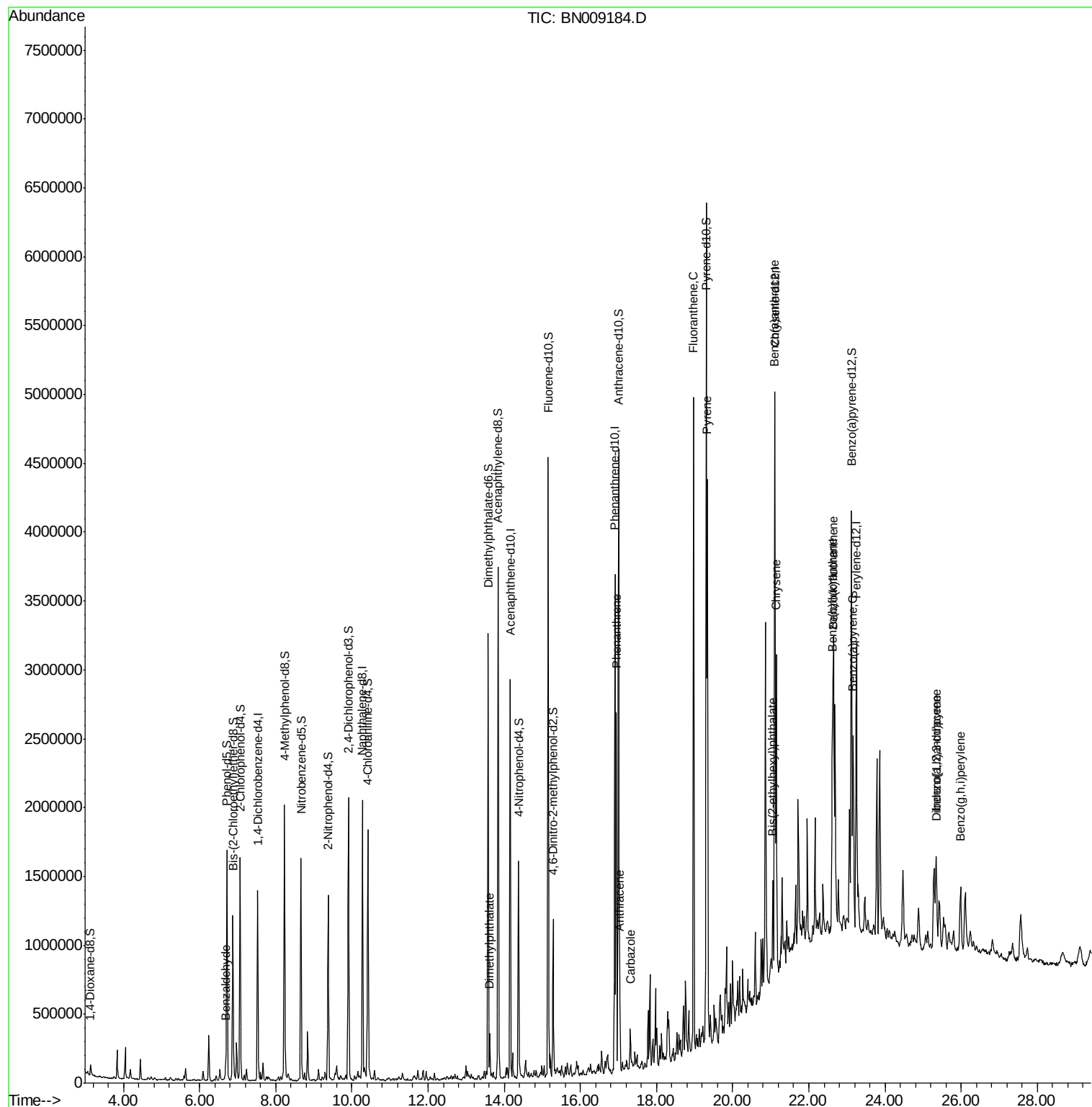
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

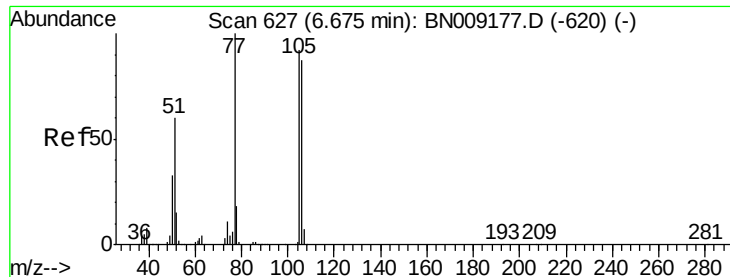
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 27 03:34:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.289 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. 0.01 min

Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Instrument :

BNA_N

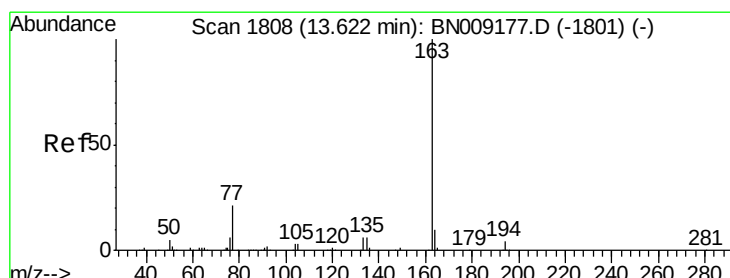
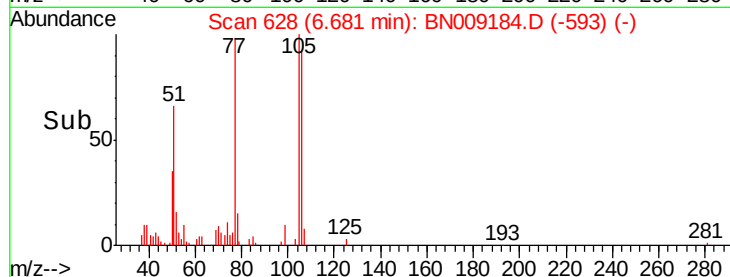
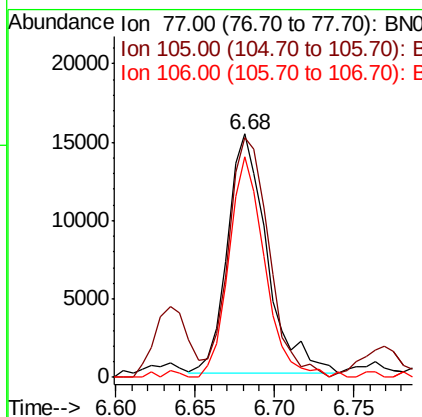
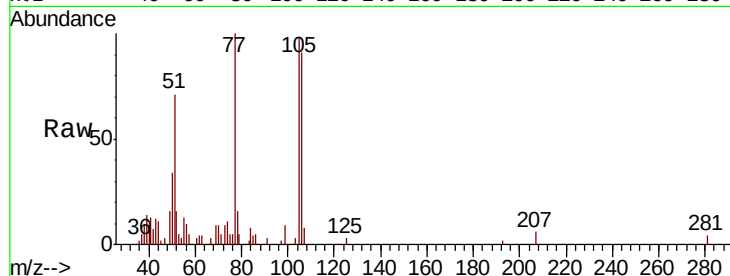
ClientSampleId :

CB5R8

Tot Ion:	77	Resp:	26247
Ion	Ratio	Lower	Upper
77	100		
105	98.5	73.9	110.9
106	90.7	72.1	108.1

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#44

Dimethylphthalate

Concen: 2.494 ng/ul

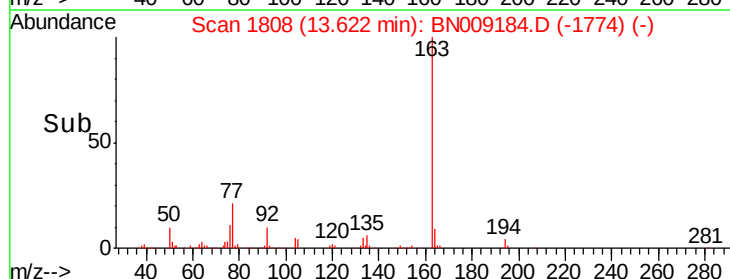
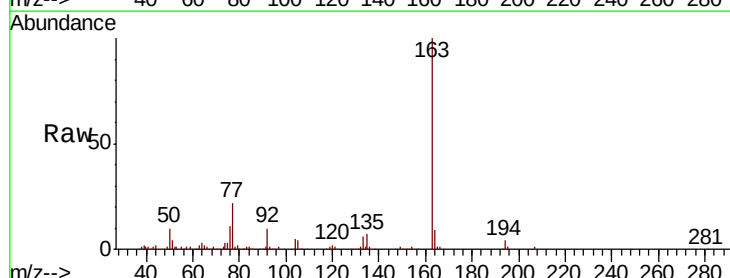
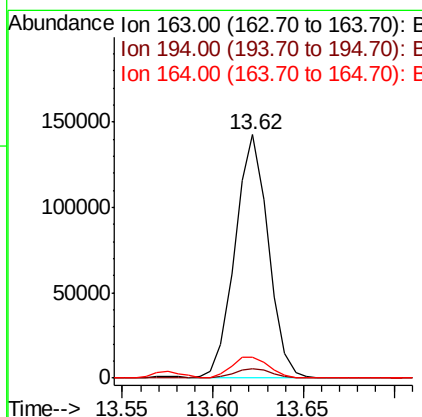
RT: 13.62 min Scan# 1808

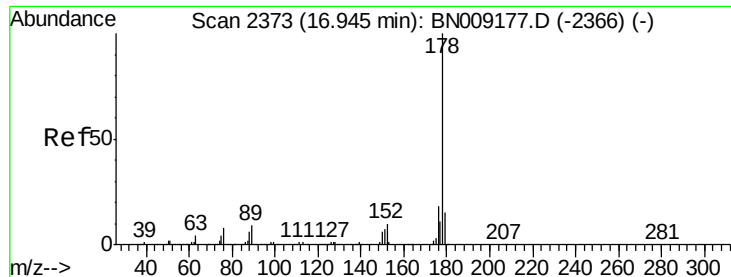
Delta R.T. 0.00 min

Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Tgt Ion:	163	Resp:	181798
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	8.8	8.3	12.5





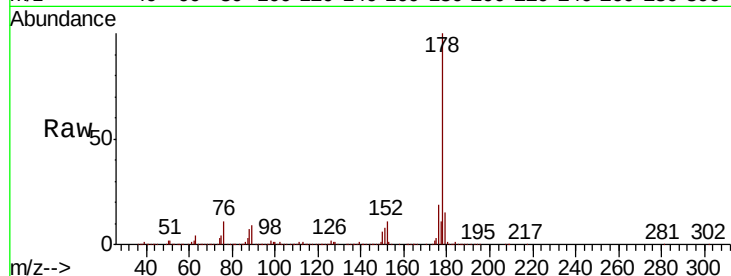
#69
Phenanthrene
Concen: 13.434 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Instrument :
BNA_N
ClientSampled :
CB5R8

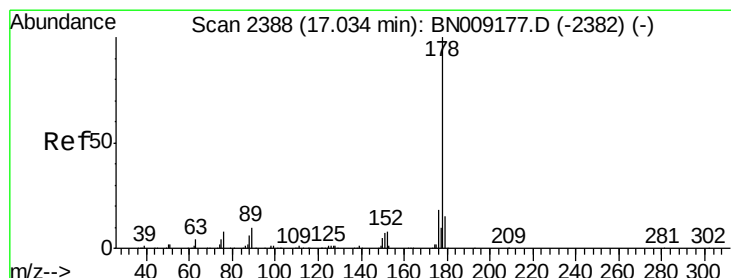
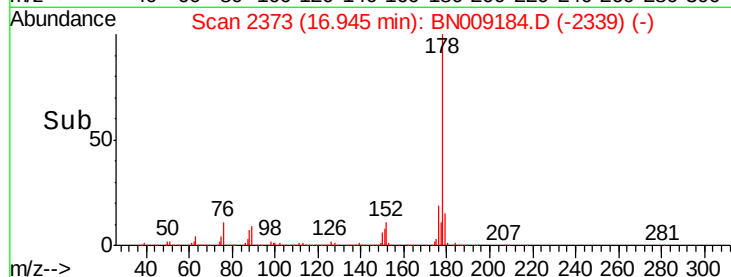
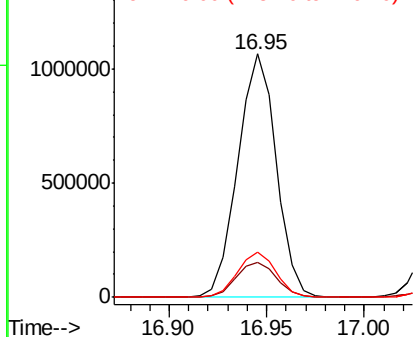
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.8
176	18.6	15.2	22.8

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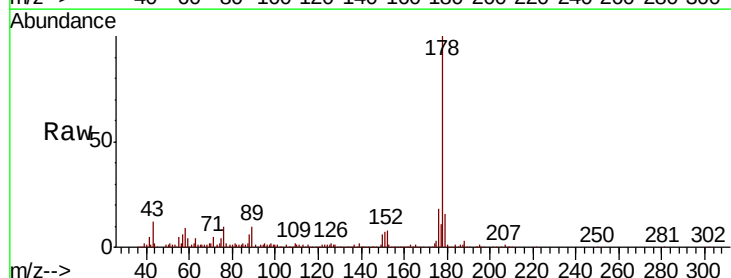


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

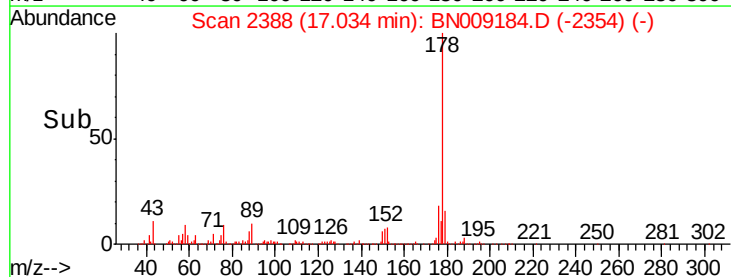
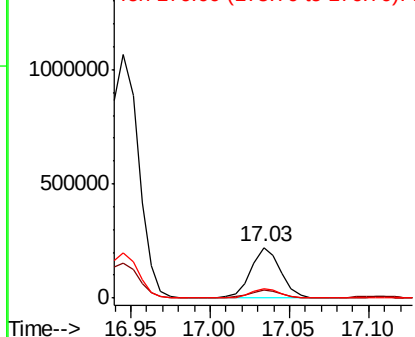


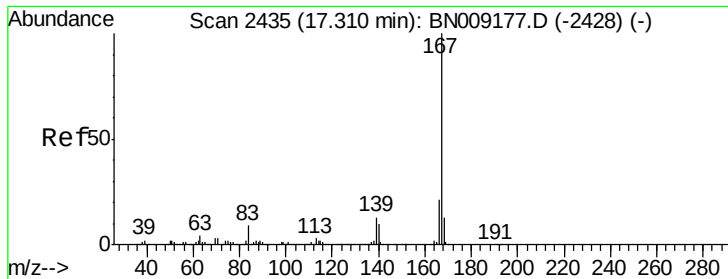
#71
Anthracene
Concen: 2.589 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.0	14.8	22.2



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: 1.491 ng/ul

RT: 17.31 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Instrument :

BNA_N

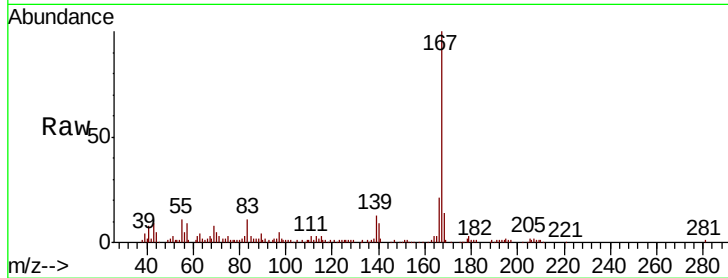
ClientSampleId :

CB5R8

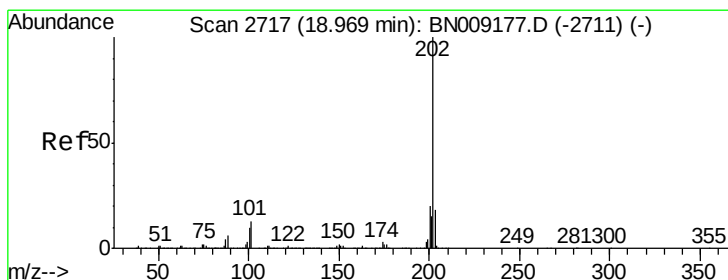
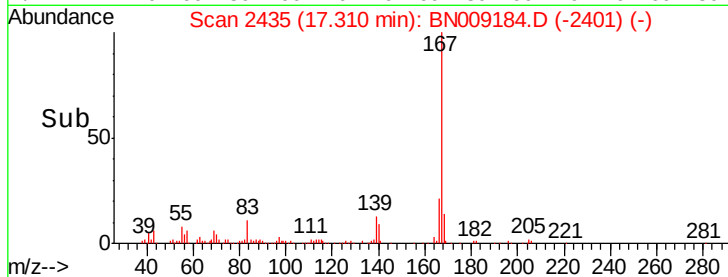
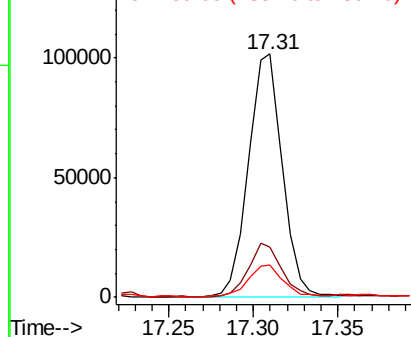
Tot Ion:	167	Resp:	143175
Ion Ratio	Lower	Upper	
167	100		
166	20.7	16.8	25.2
139	13.4	10.6	15.8

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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



#76

Fluoranthene

Concen: 21.815 ng/ul

RT: 18.97 min Scan# 2717

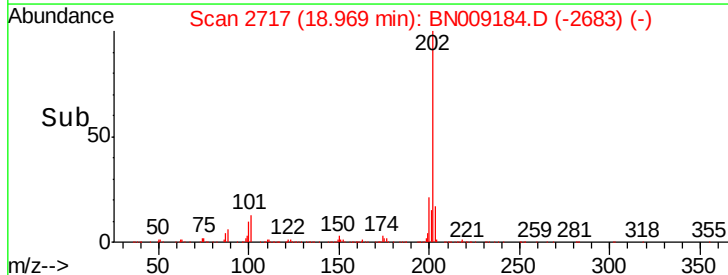
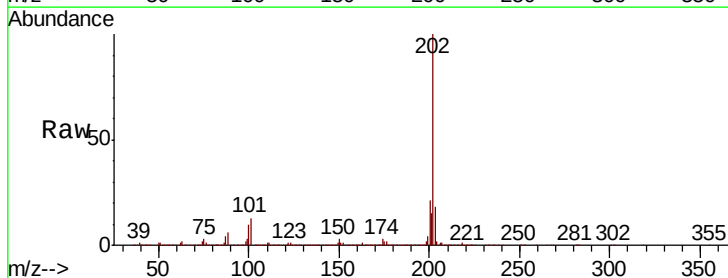
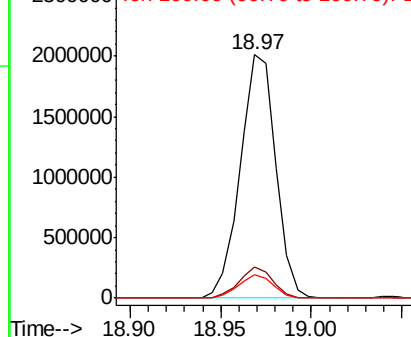
Delta R.T. 0.00 min

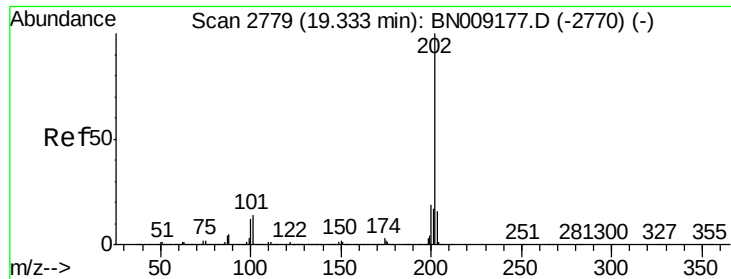
Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Tgt Ion:	202	Resp:	2721590
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.3	13.9
100	9.7	7.6	11.4

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





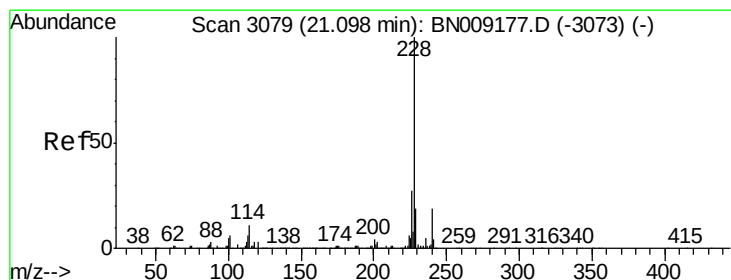
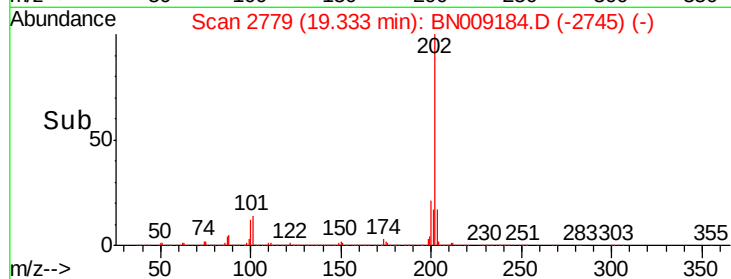
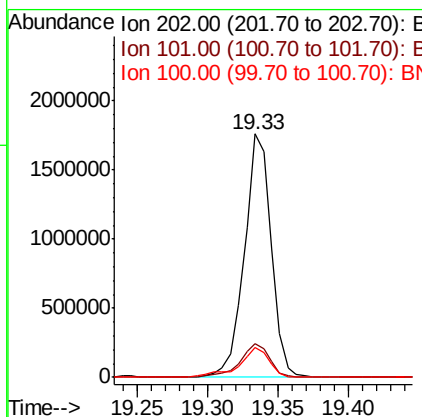
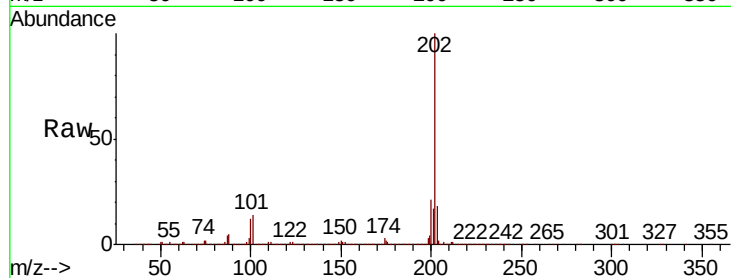
#79
Pvrene
Concen: 23.080 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Instrument :
BNA_N
ClientSampleId :
CB5R8

Tot Ion:	202	Resp:	2336661
Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.1	16.7
100	12.0	9.0	13.4

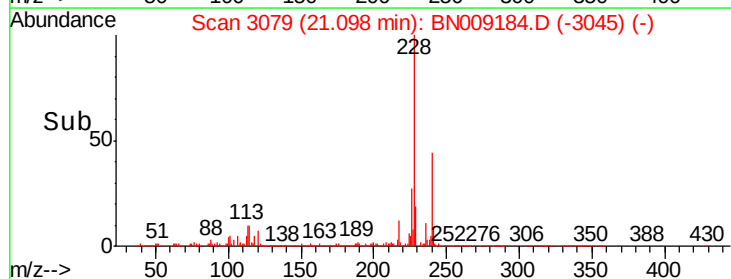
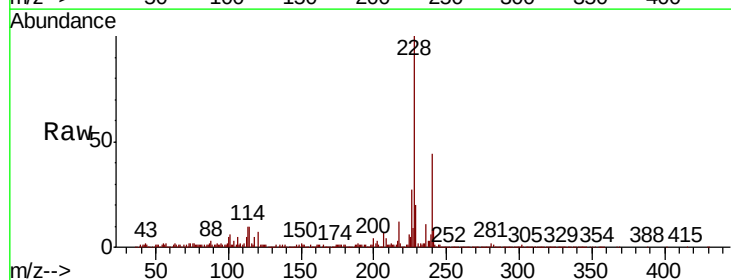
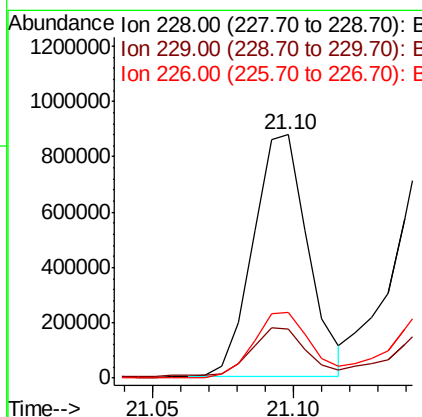
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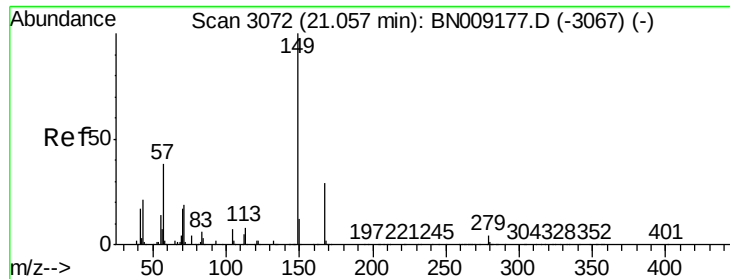
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#82
Benzo(a)anthracene
Concen: 11.966 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Tgt Ion:	228	Resp:	1180301
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.2	22.8
226	27.1	19.8	29.6





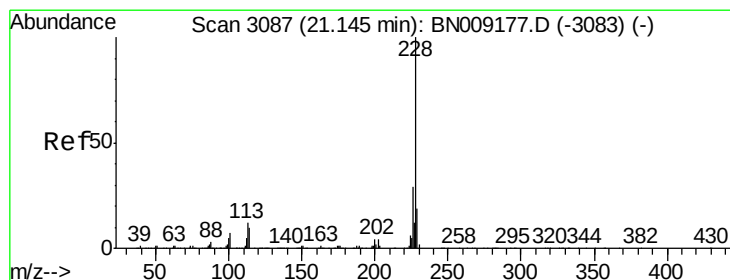
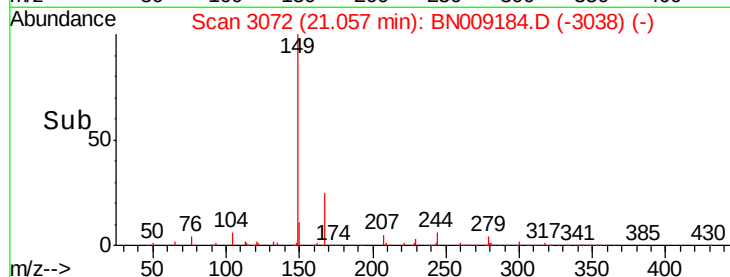
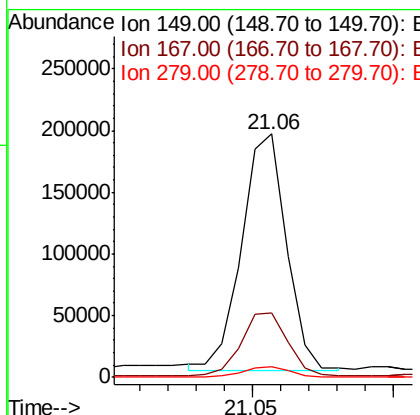
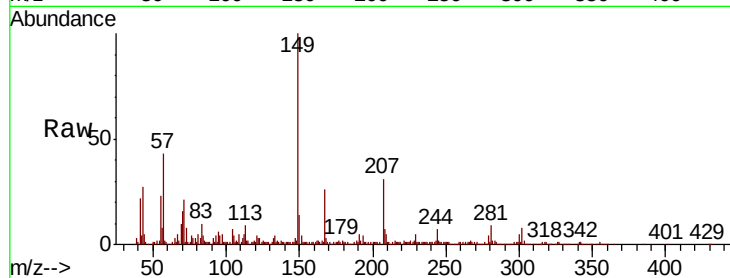
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.104 ng/ul
 RT: 21.06 min Scan# 3072
 Delta R.T. 0.00 min
 Lab File: BN009184.D
 Acq: 26 Dec 2019 22:04

Instrument :
 BNA_N
 ClientSampleID :
 CB5R8

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.2	33.2
279	4.1	3.5	5.3

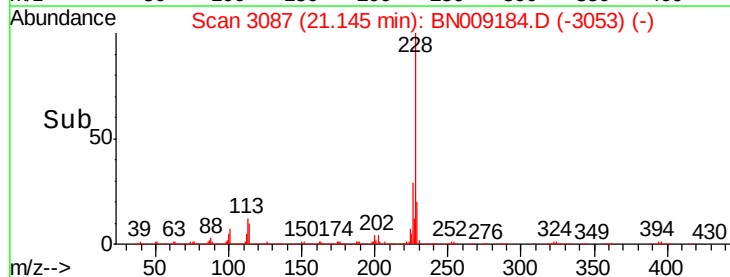
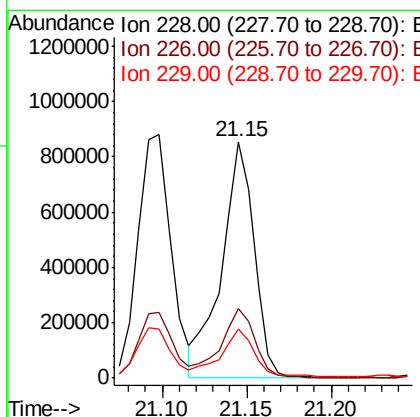
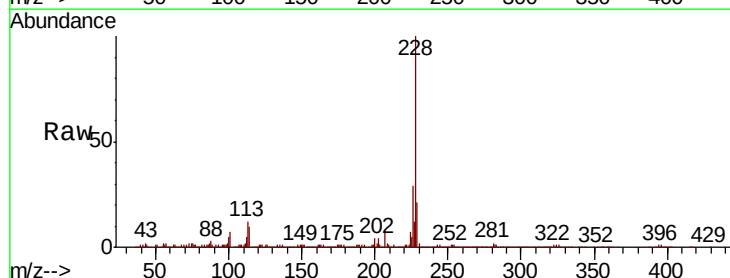
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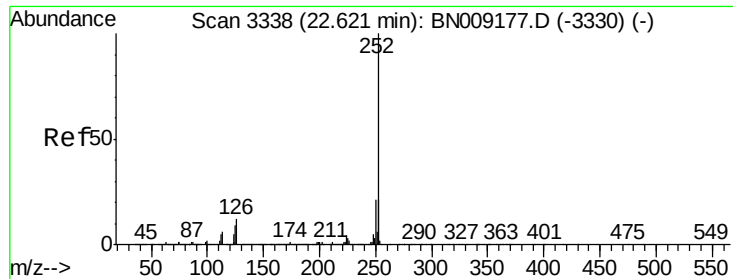
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#84
 Chrysene
 Concen: 12.011 ng/ul
 RT: 21.15 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BN009184.D
 Acq: 26 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	20.7	15.9	23.9





#87

Benzo(b)fluoranthene

Concen: 17.108 ng/ul

RT: 22.62 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Instrument :

BNA_N

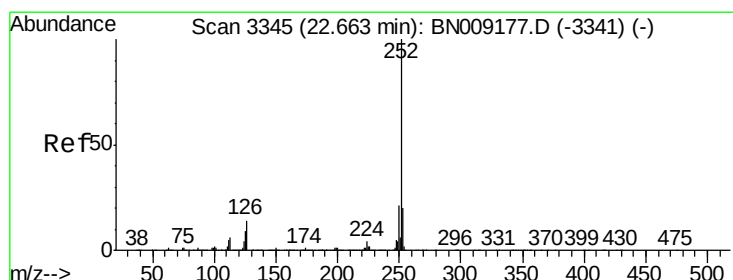
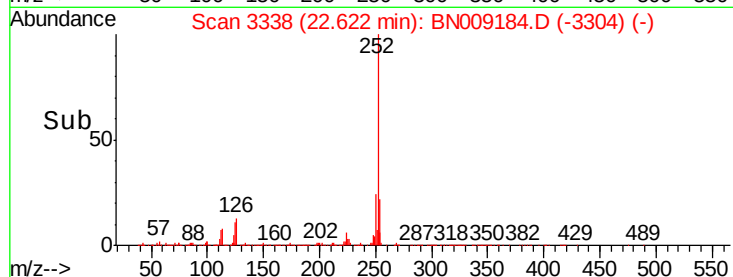
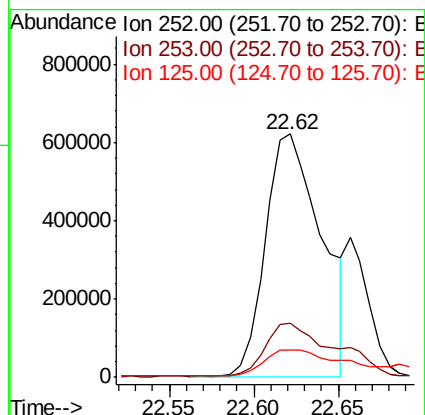
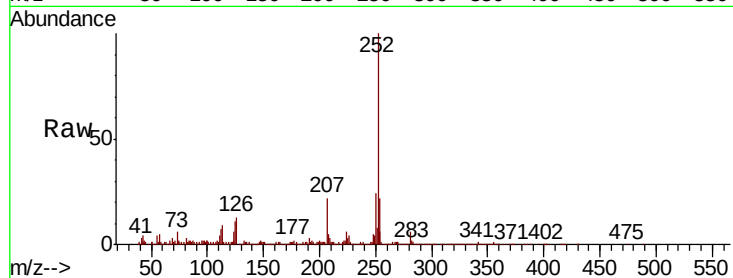
ClientSampled :

CB5R8

Tot Ion:	252	Resp:	1423173
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	11.4	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 4.033 ng/ul

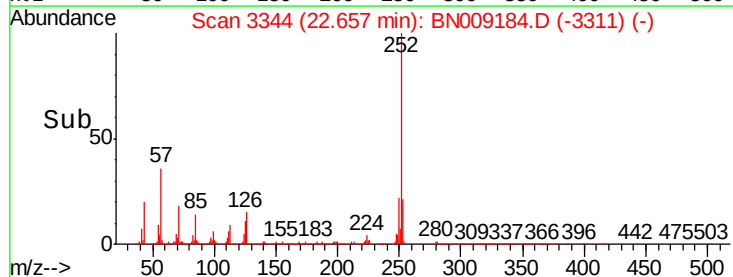
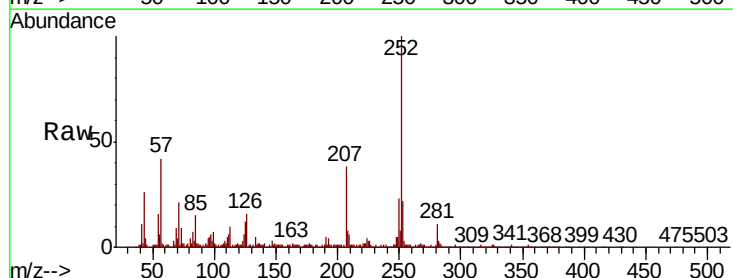
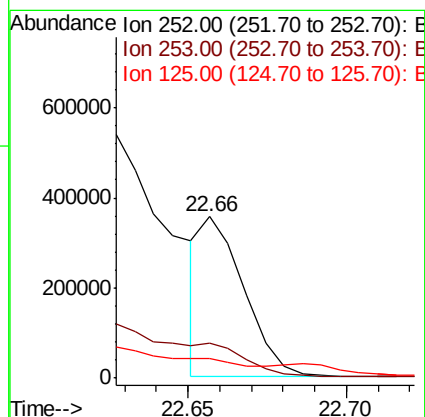
RT: 22.66 min Scan# 3344

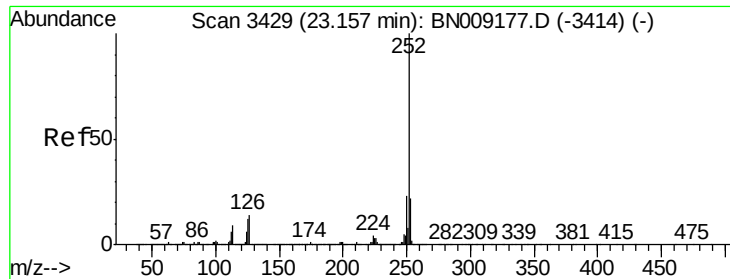
Delta R.T. -0.01 min

Lab File: BN009184.D

Acq: 26 Dec 2019 22:04

Tgt Ion:	252	Resp:	327661
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	12.0	8.8	13.2





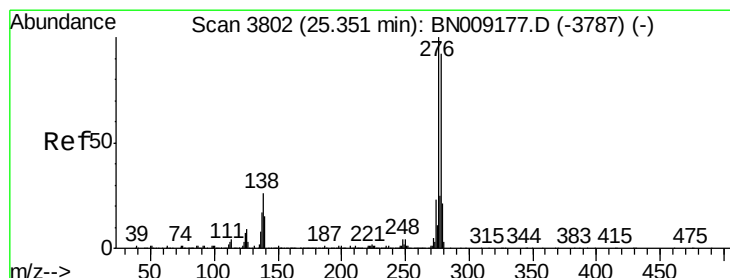
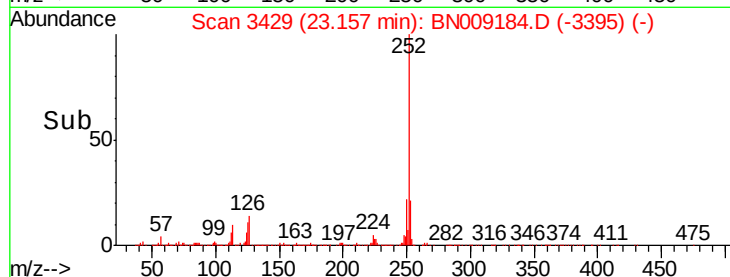
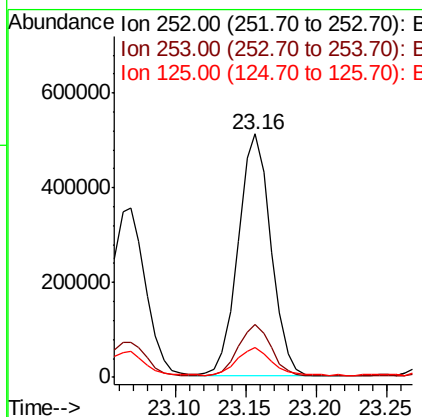
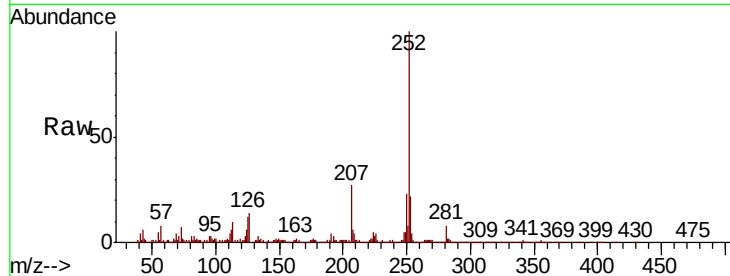
#90
Benzo(a)pyrene
Concen: 10.895 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Instrument :
BNA_N
ClientSampleId :
CB5R8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.1	9.5	14.3

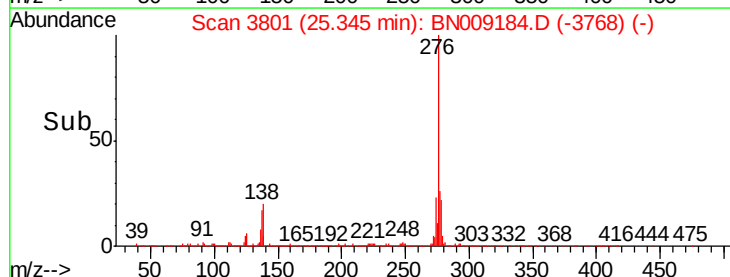
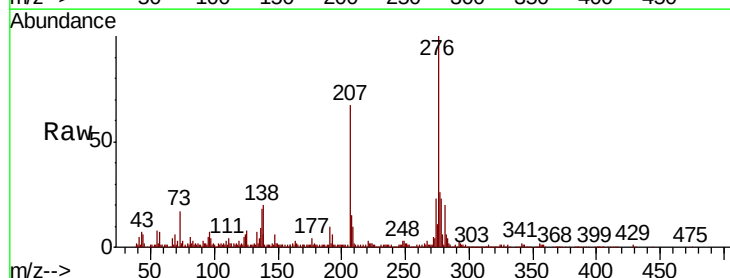
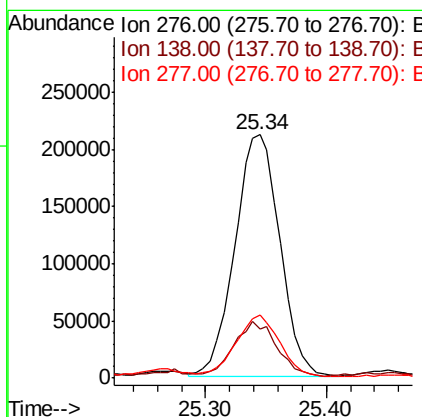
Manual Integrations
APPROVED

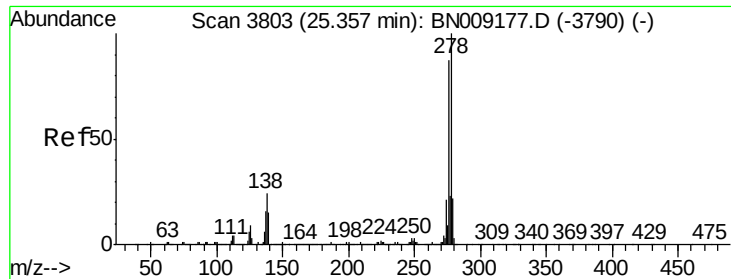
mohammad
12/27/2019 3:20:25 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 5.913 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.5	30.7#
277	26.1	20.2	30.4





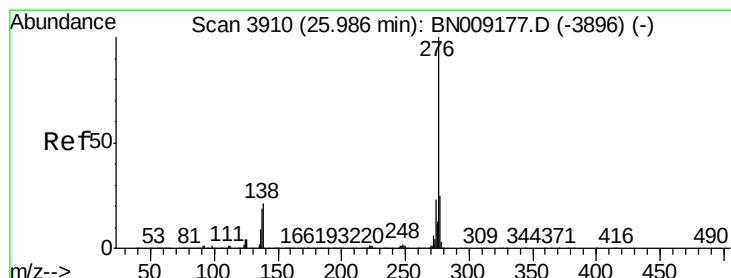
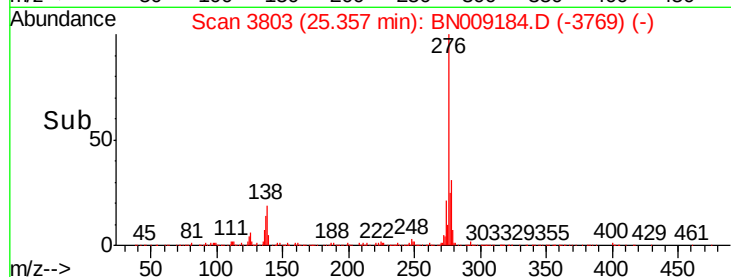
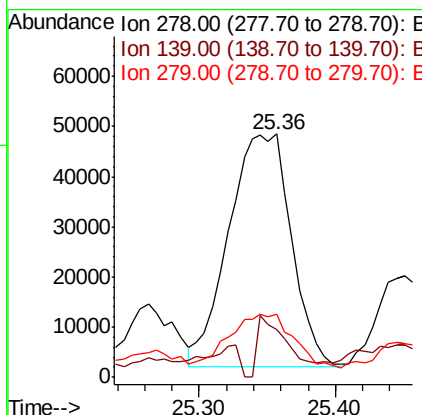
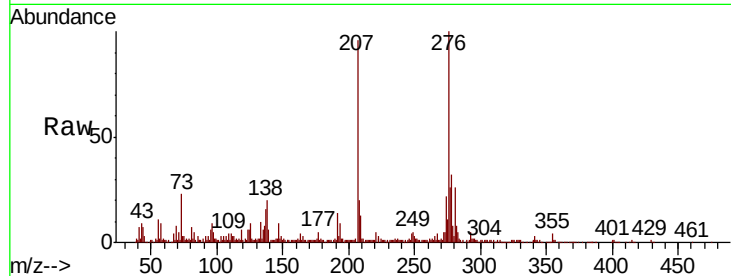
#92
Dibenzo(a,h)anthracene
Concen: 1.884 ng/ul m
RT: 25.36 min Scan# 3803
Delta R.T. 0.00 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Instrument :
BNA_N
ClientSampleId :
CB5R8

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.4	18.6#
279	26.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/27/2019 3:20:25 PM



#93
Benzo(g,h,i)perylene
Concen: 6.519 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BN009184.D
Acq: 26 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.8	26.6
277	21.6	18.9	28.3

