

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009189.D
 Acq On : 27 Dec 2019 01:03
 Operator : JU
 Sample : K6381-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5S3

Manual Integrations
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 12/27/2019 3:20:44 PM

Quant Time: Dec 27 04:30:44 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	360609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1627527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	1029444	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	2127936	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1558944	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1436107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	38685	4.90	ng/uL	0.00
5) Phenol-d5	6.72	99	960713	28.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	624507	28.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	743335	30.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	789681	28.53	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	389147	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	440863	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	763879	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	965067	31.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2250884	29.11	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2886027	31.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	432047	28.10	ng/ul	0.00
57) Fluorene-d10	15.15	176	1999419	29.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	221689	16.70	ng/ul	0.00
70) Anthracene-d10	17.00	188	3003154	30.34	ng/ul	0.00
78) Pyrene-d10	19.30	212	3083657	37.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.11	264	2277807	31.48	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.68	77	34547	1.607	ng/ul	97
28) Naphthalene	10.33	128	108072	1.244	ng/ul	100
44) Dimethylphthalate	13.62	163	233608	2.954	ng/ul	99
69) Phenanthrene	16.95	178	1113230	9.489	ng/ul	99
71) Anthracene	17.03	178	220080	1.823	ng/ul	97
74) Carbazole	17.30	167	109148	1.046	ng/ul	98
76) Fluoranthene	18.97	202	1873234	13.824	ng/ul	99
79) Pyrene	19.33	202	1540394	14.247	ng/ul	99
82) Benzo(a)anthracene	21.09	228	751050	7.130	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.05	149	451907	6.200	ng/ul	99
84) Chrysene	21.14	228	740202	7.312	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	896450	10.213	ng/ul	97
88) Benzo(k)fluoranthene	22.65	252	202849m	2.366	ng/ul	
90) Benzo(a)pyrene	23.15	252	492584	6.112	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.33	276	315965	3.236	ng/ul	94
92) Dibenzo(a,h)anthracene	25.34	278	92700	1.125	ng/ul#	93
93) Benzo(g,h,i)perylene	25.97	276	302837	3.707	ng/ul	98

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

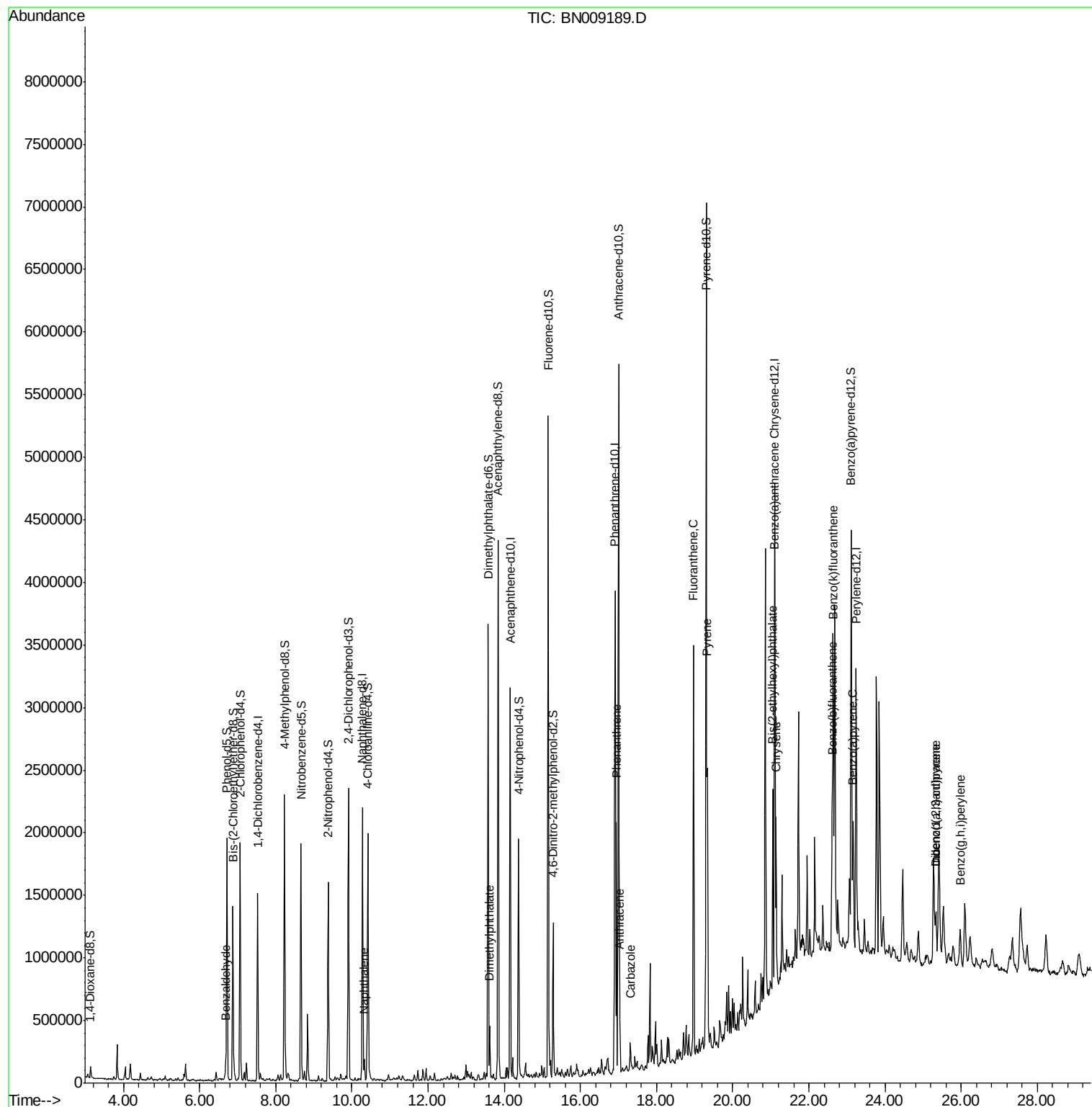
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\
Data File : BN009189.D
Acq On : 27 Dec 2019 01:03
Operator : JU
Sample : K6381-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

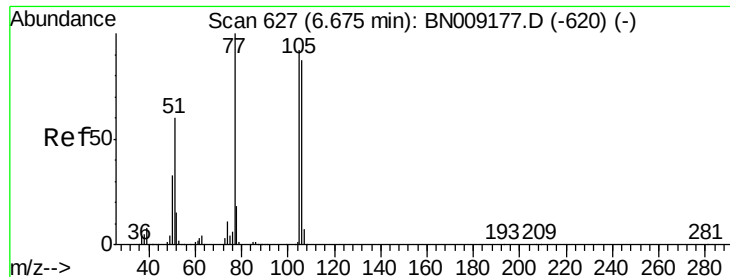
Instrument :
BNA_N
ClientSampleId :
CB5S3

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Quant Time: Dec 27 04:30:44 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: 1.607 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. 0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

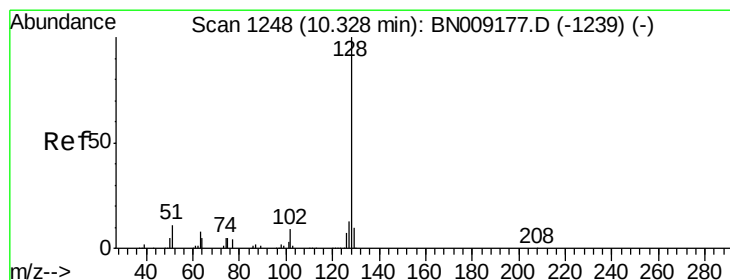
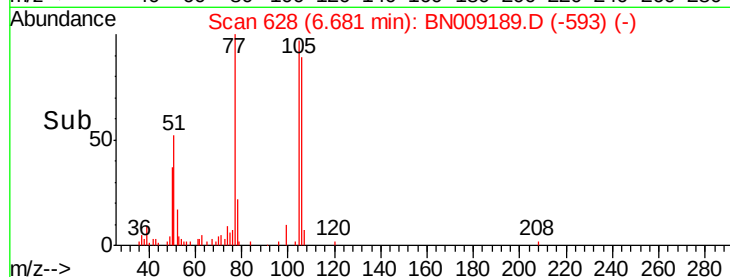
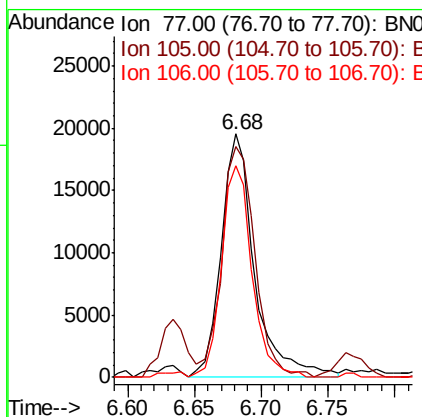
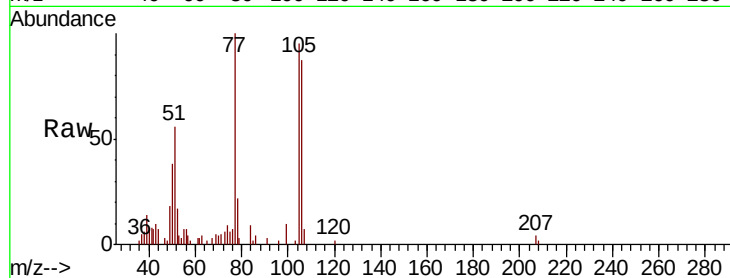
ClientSampled :

CB5S3

Tot Ion:	77	Resp:	34547
Ion	Ratio	Lower	Upper
77	100		
105	95.0	73.9	110.9
106	87.0	72.1	108.1

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#28

Naphthalene

Concen: 1.244 ng/ul

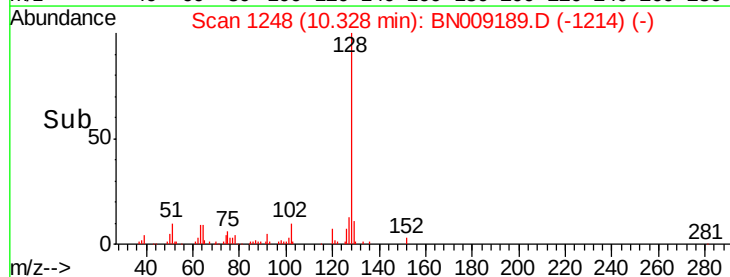
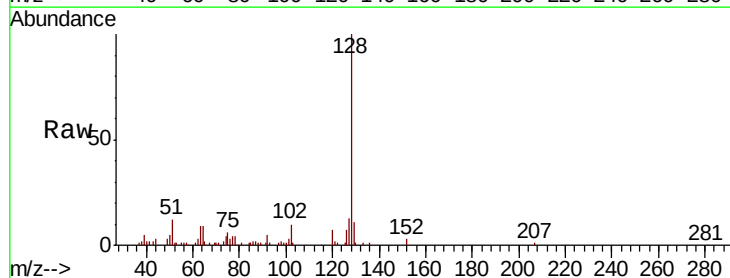
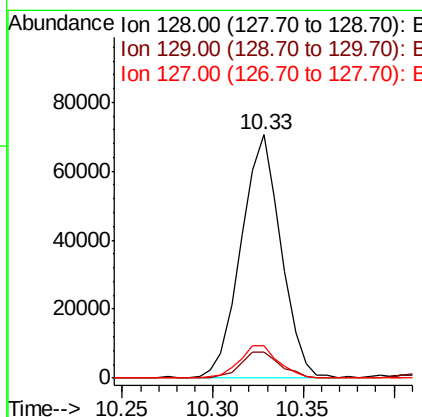
RT: 10.33 min Scan# 1248

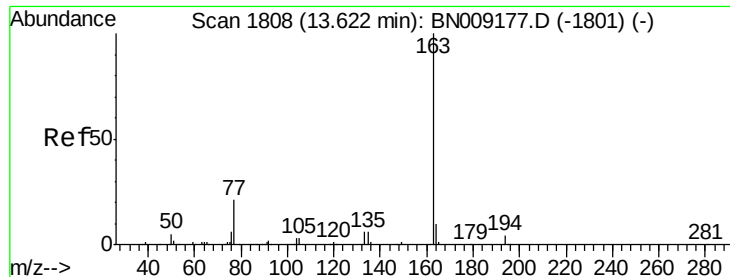
Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Tgt Ion:	128	Resp:	108072
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.4	15.6





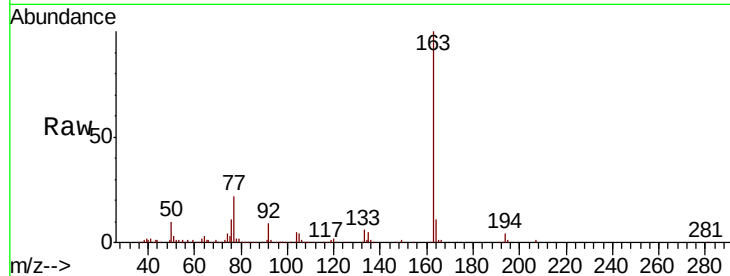
#44
Dimethylphthalate
Concen: 2.954 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Instrument :
BNA_N
ClientSampled :
CB5S3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	8.3	12.5

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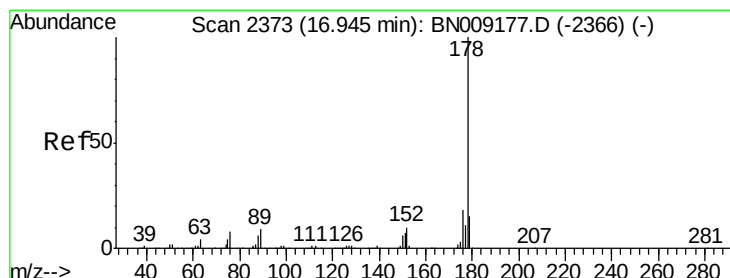
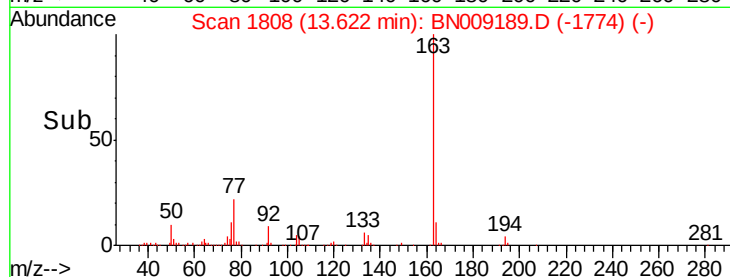
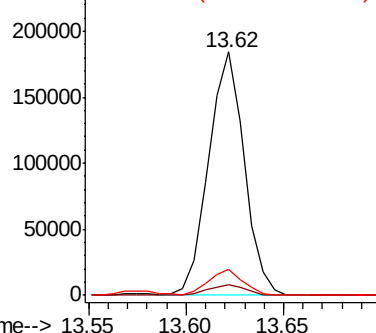


Abundance

Ion 163.00 (162.70 to 163.70): E

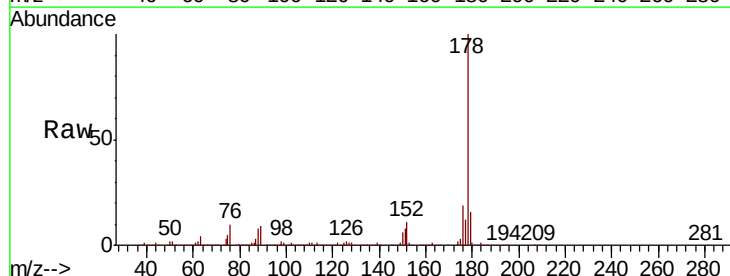
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 9.489 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.8	15.2	22.8

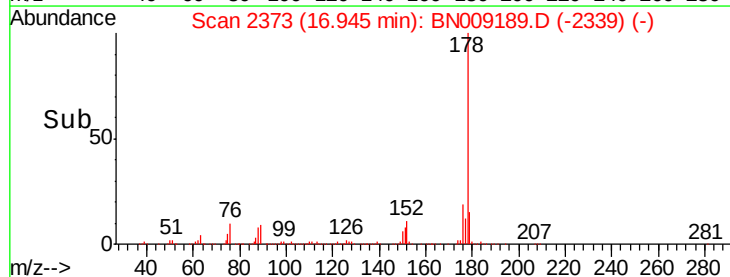
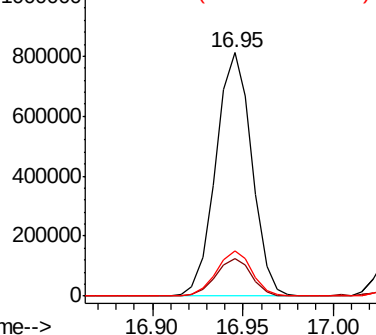


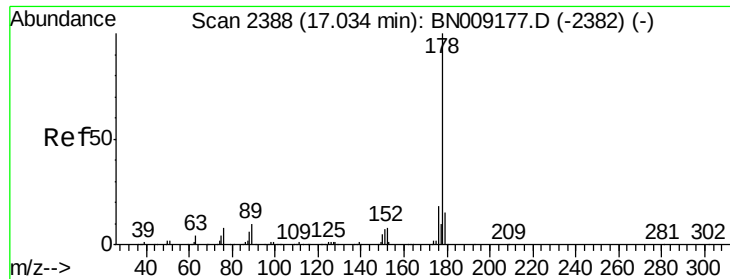
Abundance

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





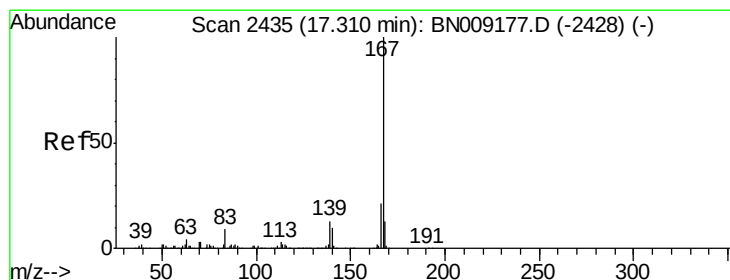
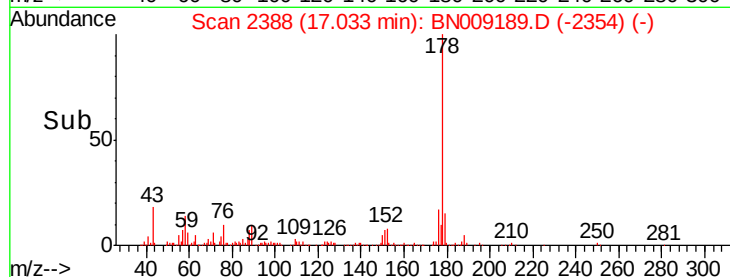
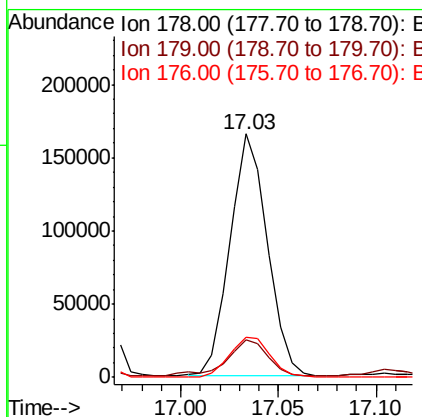
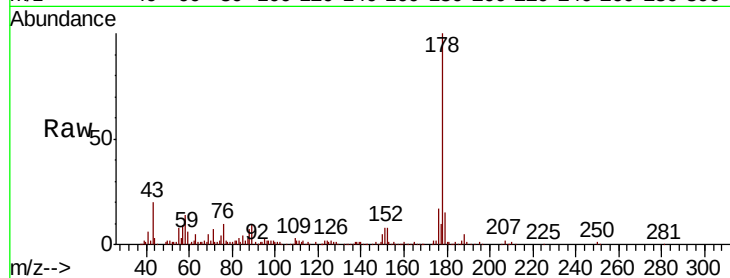
#71
 Anthracene
 Concen: 1.823 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BN009189.D
 Acq: 27 Dec 2019 01:03

Instrument :
 BNA_N
 ClientSampleId :
 CB5S3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	16.7	14.8	22.2

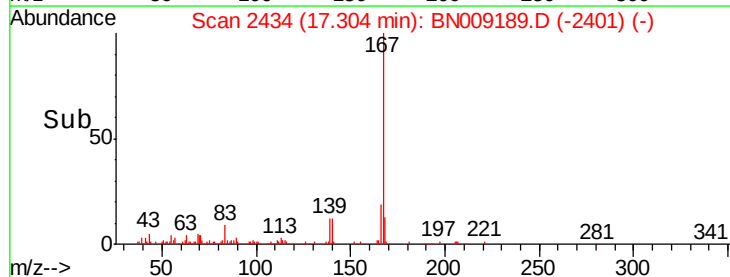
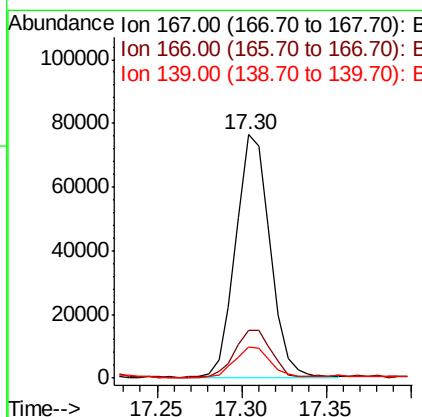
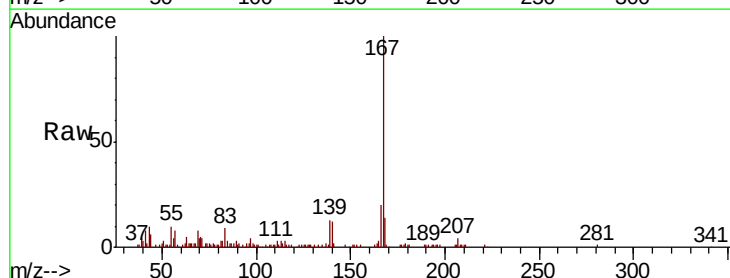
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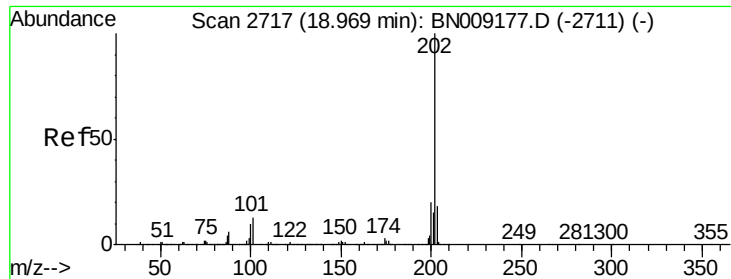
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#74
 Carbazole
 Concen: 1.046 ng/ul
 RT: 17.30 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BN009189.D
 Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.7	16.8	25.2
139	12.8	10.6	15.8





#76

Fluoranthene

Concen: 13.824 ng/ul

RT: 18.97 min Scan# 2717

Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

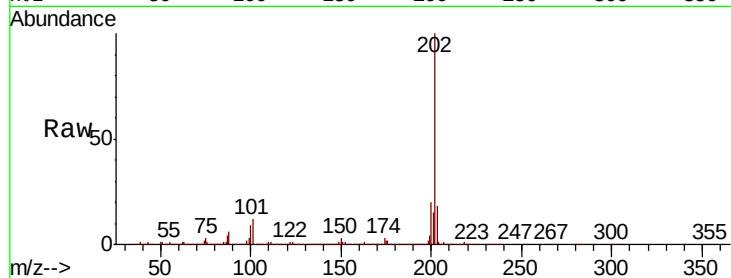
ClientSampled :

CB5S3

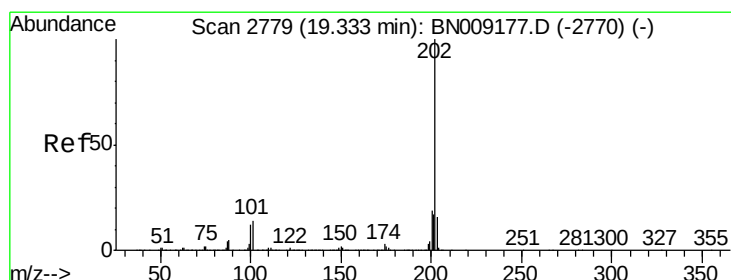
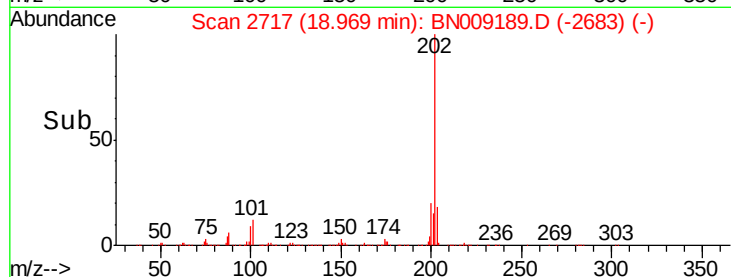
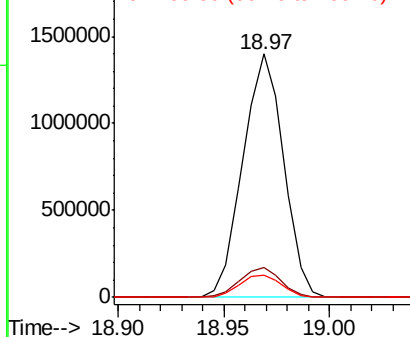
Tot Ion:	202	Resp:	1873234
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.3	13.9
100	9.3	7.6	11.4

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): B



#79

Pyrene

Concen: 14.247 ng/ul

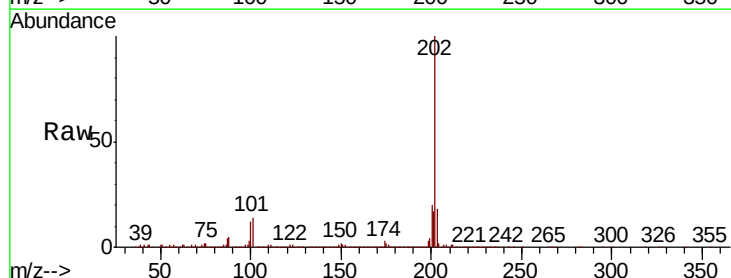
RT: 19.33 min Scan# 2779

Delta R.T. -0.00 min

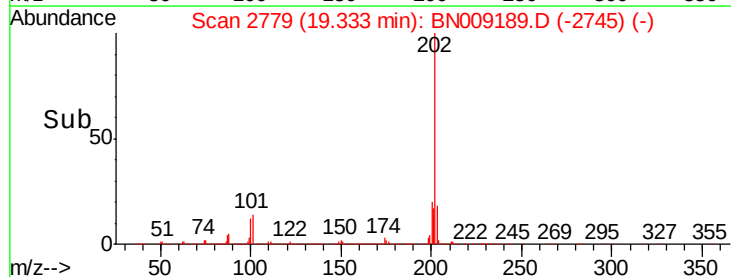
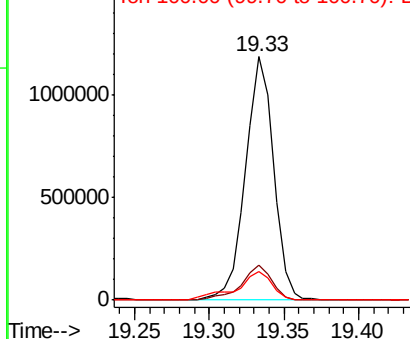
Lab File: BN009189.D

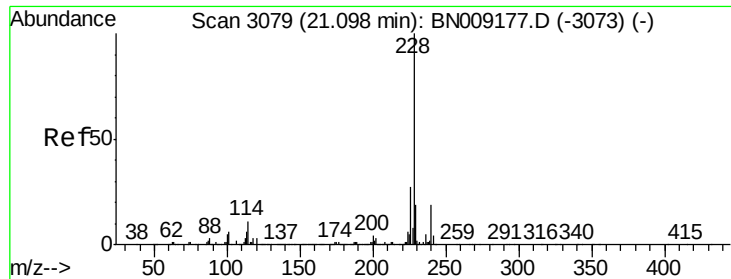
Acq: 27 Dec 2019 01:03

Tgt Ion:	202	Resp:	1540394
Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.1	16.7
100	11.7	9.0	13.4



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





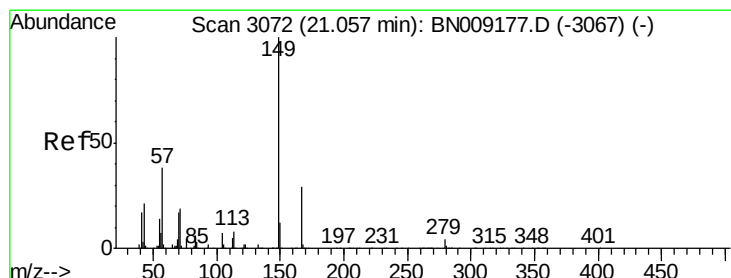
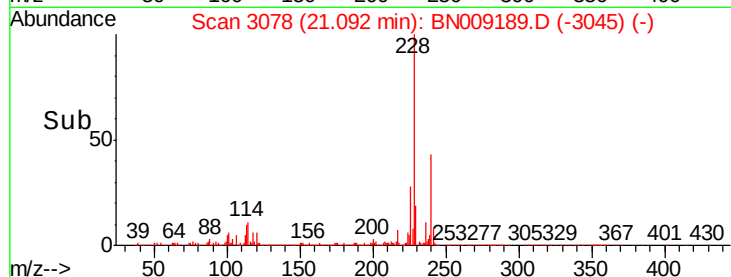
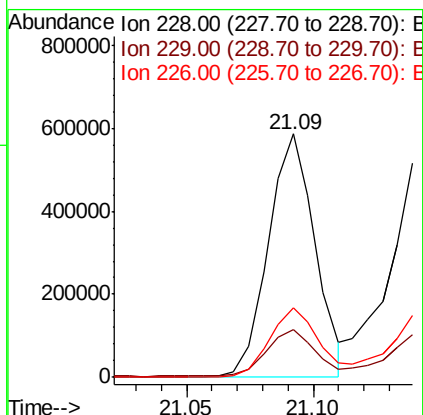
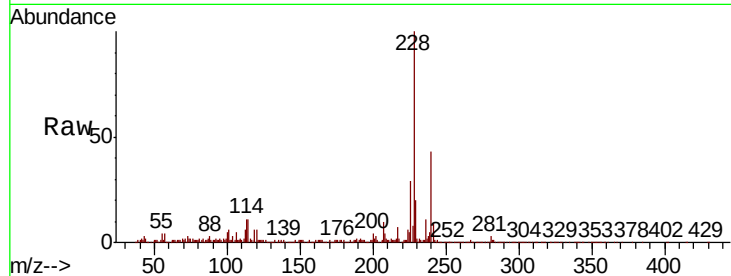
#82
Benzo(a)anthracene
Concen: 7.130 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Instrument :
BNA_N
ClientSampled :
CB5S3

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.2	22.8
226	28.6	19.8	29.6

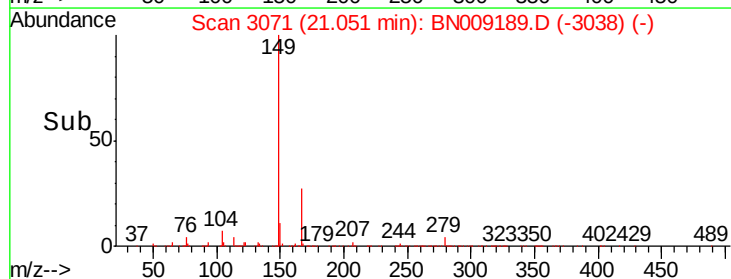
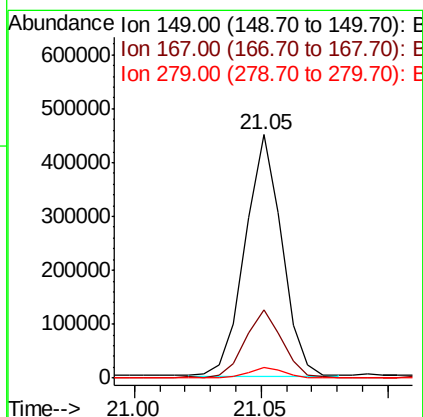
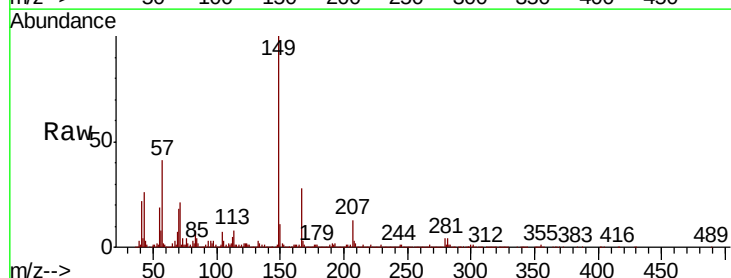
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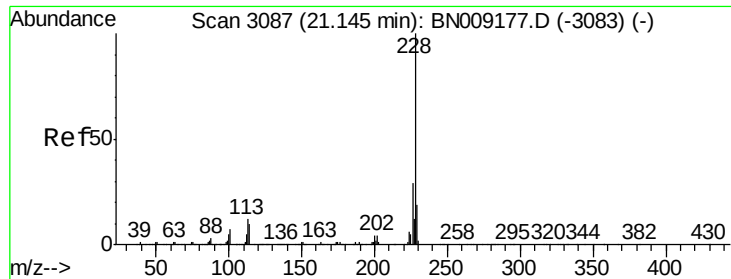
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#83
Bis(2-ethylhexyl)phthalate
Concen: 6.200 ng/ul
RT: 21.05 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	4.5	3.5	5.3





#84

Chrysene

Concen: 7.312 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

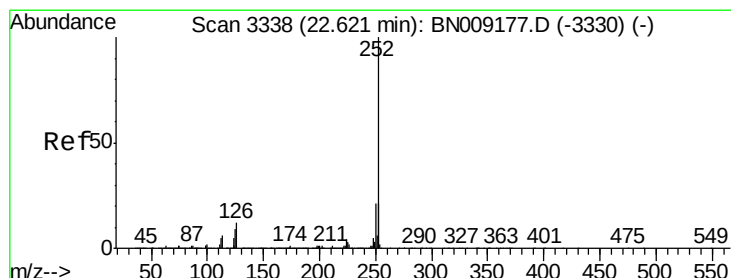
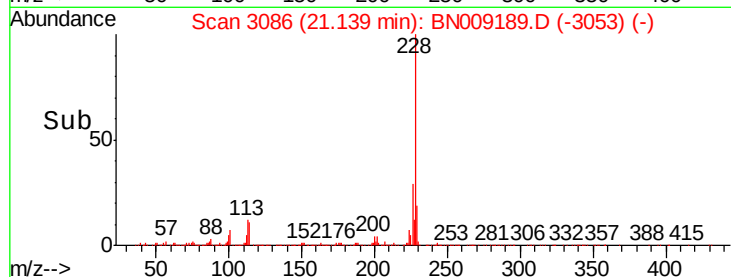
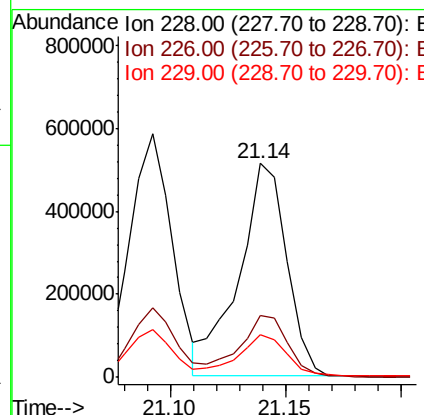
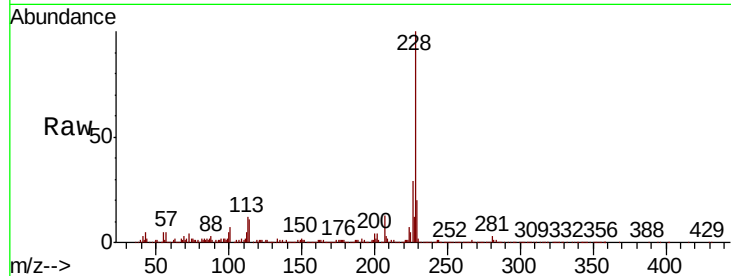
ClientSampleId :

CB5S3

Tot Ion:	228	Resp:	740202
Ion Ratio		Lower	Upper
228	100		
226	28.9	23.9	35.9
229	19.6	15.9	23.9

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#87

Benzo(b)fluoranthene

Concen: 10.213 ng/ul

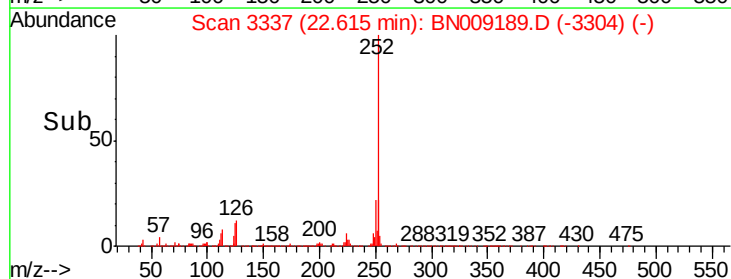
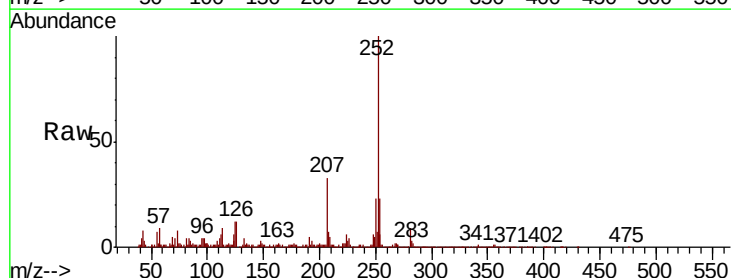
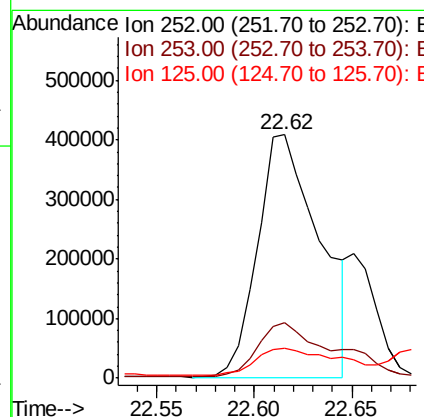
RT: 22.62 min Scan# 3337

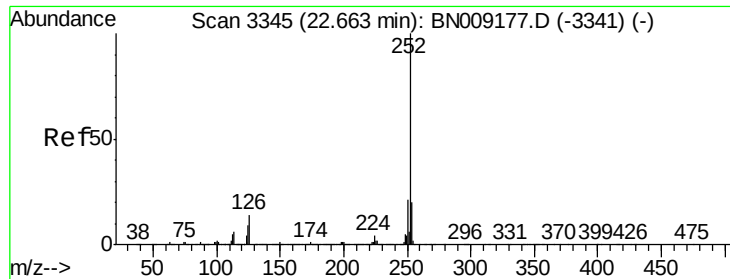
Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Tgt Ion:	252	Resp:	896450
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.2	8.5	12.7





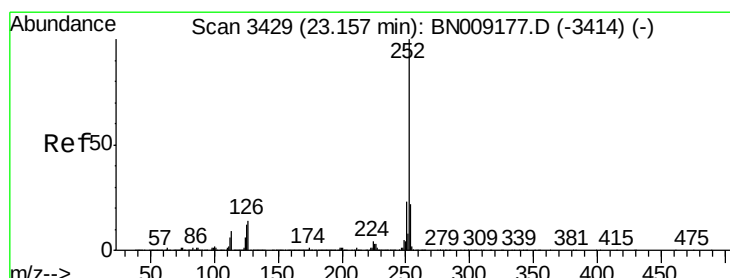
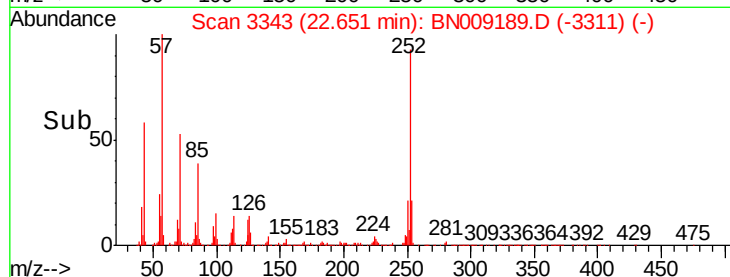
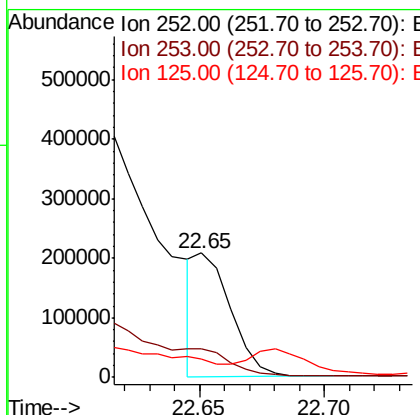
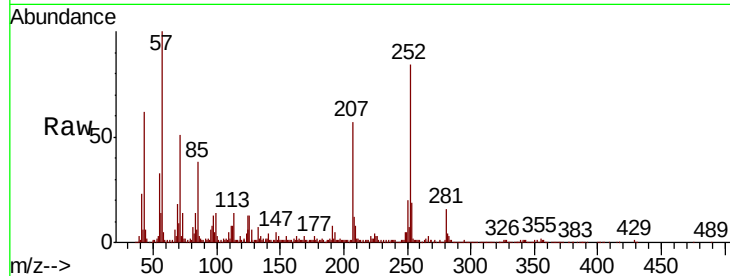
#88
Benzo(k)fluoranthene
Concen: 2.366 ng/ul m
RT: 22.65 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Instrument :
BNA_N
ClientSampleId :
CB5S3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	15.0	8.8	13.2

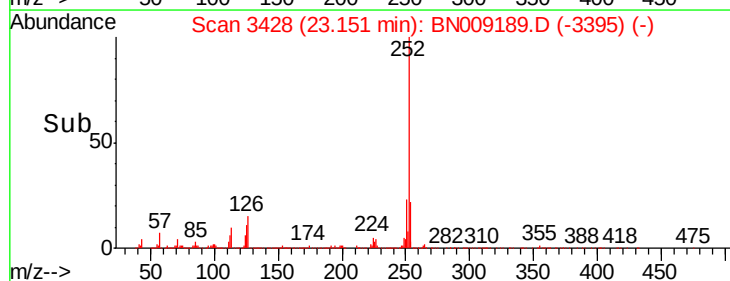
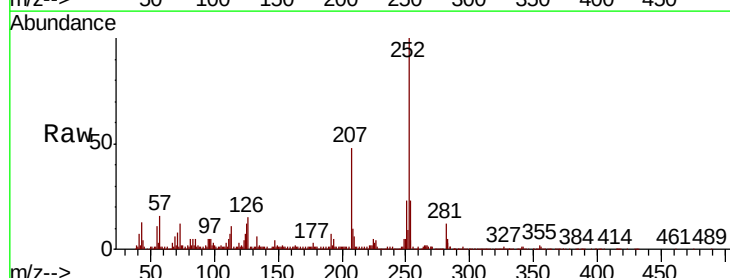
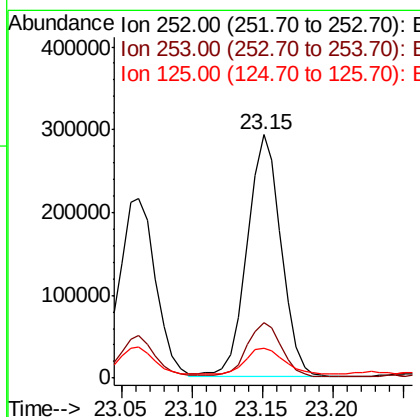
Manual Integrations
APPROVED

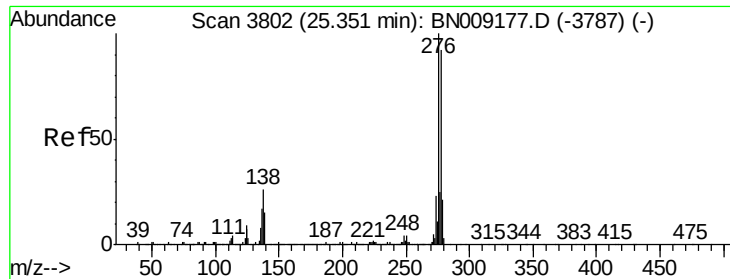
mohammad
12/27/2019 3:20:44 PM



#90
Benzo(a)pyrene
Concen: 6.112 ng/ul
RT: 23.15 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.4	9.5	14.3





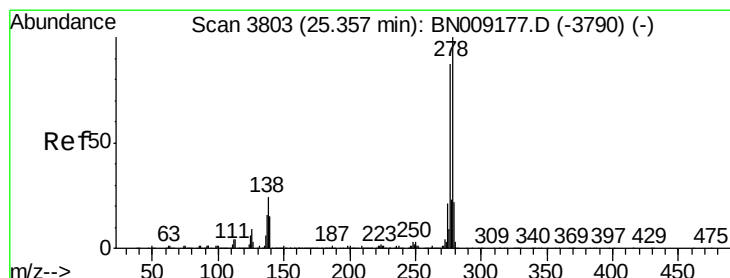
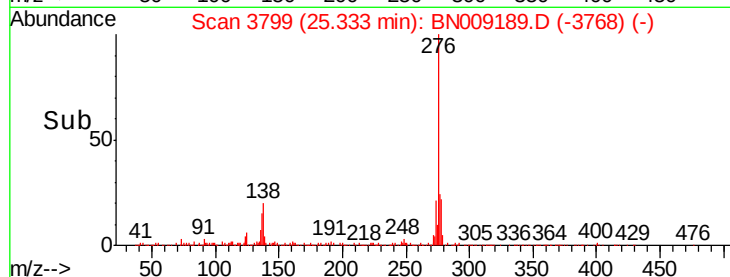
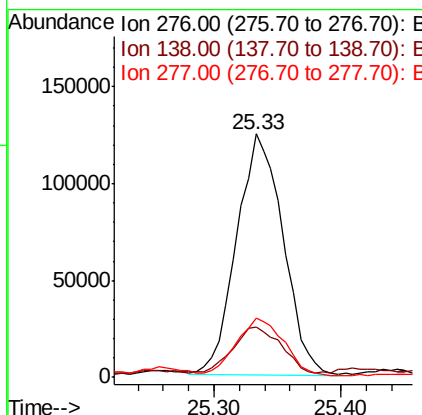
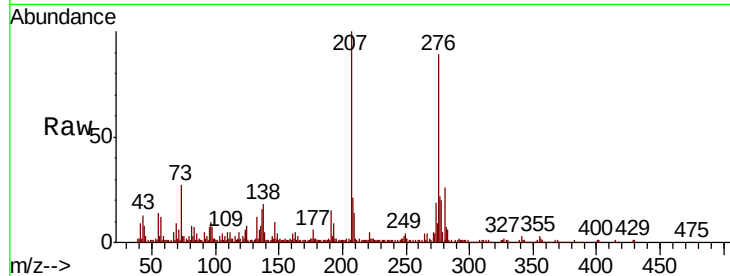
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.236 ng/ul
 RT: 25.33 min Scan# 3799
 Delta R.T. -0.02 min
 Lab File: BN009189.D
 Acq: 27 Dec 2019 01:03

Instrument :
 BNA_N
 ClientSampleId :
 CB5S3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.5	30.7
277	24.5	20.2	30.4

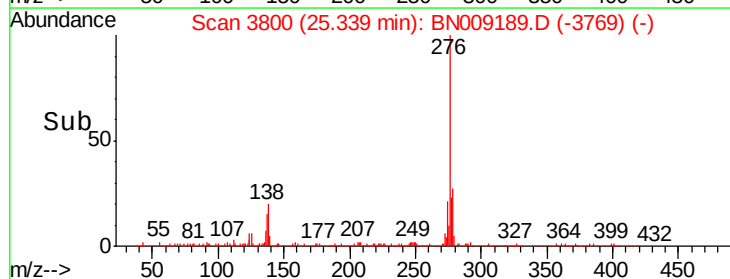
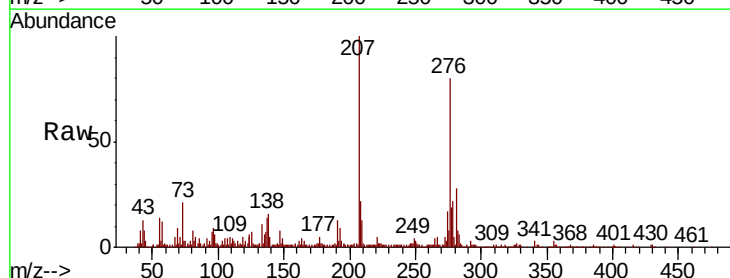
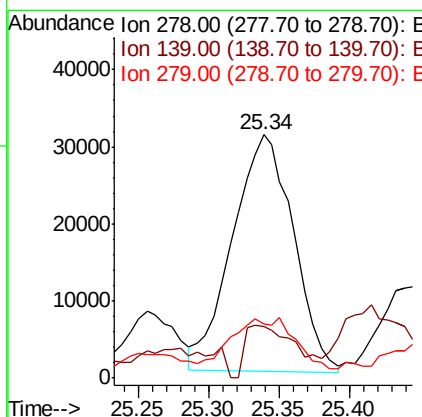
Manual Integrations
 APPROVED

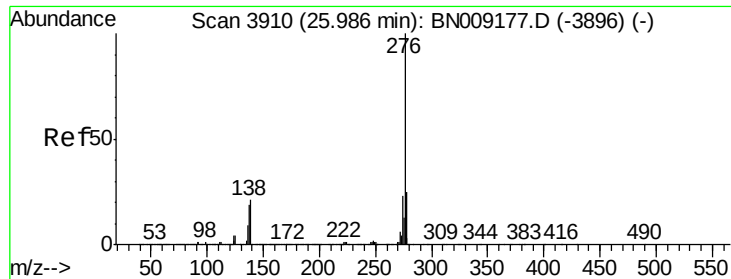
mohammad
 12/27/2019 3:20:44 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.125 ng/ul
 RT: 25.34 min Scan# 3800
 Delta R.T. -0.02 min
 Lab File: BN009189.D
 Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.4	18.6#
279	22.5	19.0	28.6





#93

Benzo(a,h,i)perylene

Concen: 3.707 ng/ul

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

Tot Ion:	276	Resp:	302837
Ion Ratio	Lower	Upper	
276	100		
138	22.5	17.8	26.6
277	25.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
12/27/2019 3:20:44 PM

