

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009176.D
 Acq On : 26 Dec 2019 17:02
 Operator : JU
 Sample : K6381-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5R1

Manual Integrations
 APPROVED

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 12/27/2019 3:20:01 PM

Quant Time: Dec 26 17:38:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 25 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	279554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1269443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	822129	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1701094	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1431518	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1244317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	36466	5.96	ng/uL	0.00
5) Phenol-d5	6.72	99	853482	32.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	566669	33.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	655633	34.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	714387	33.30	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	344257	36.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	390580	36.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	694076	34.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	912962	37.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2080729	33.70	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2653372	36.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	380839	31.02	ng/ul	0.00
57) Fluorene-d10	15.16	176	1876895	34.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	256744	24.19	ng/ul	0.00
70) Anthracene-d10	17.00	188	2821842	35.66	ng/ul	0.00
78) Pyrene-d10	19.30	212	3078622	41.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2306809	36.79	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.69	77	27368	1.643	ng/ul	92
28) Naphthalene	10.33	128	95985	1.417	ng/ul	98
44) Dimethylphthalate	13.62	163	63178	1.000	ng/ul	98
69) Phenanthrene	16.95	178	1002141	10.685	ng/ul	100
71) Anthracene	17.03	178	195325	2.024	ng/ul	97
74) Carbazole	17.30	167	87977	1.055	ng/ul	97
76) Fluoranthene	18.97	202	1759159	16.240	ng/ul	99
79) Pyrene	19.33	202	1465744	14.763	ng/ul	98
82) Benzo(a)anthracene	21.10	228	757442	7.831	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.06	149	101946	1.523	ng/ul#	99
84) Chrysene	21.15	228	744768	8.012	ng/ul	98
87) Benzo(b)fluoranthene	22.62	252	810481	10.657	ng/ul	97
88) Benzo(k)fluoranthene	22.66	252	278302m	3.747	ng/ul	
90) Benzo(a)pyrene	23.16	252	461360	6.607	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.34	276	287402	3.397	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.34	278	83705	1.172	ng/ul#	86
93) Benzo(g,h,i)perylene	25.97	276	266935	3.771	ng/ul	97

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

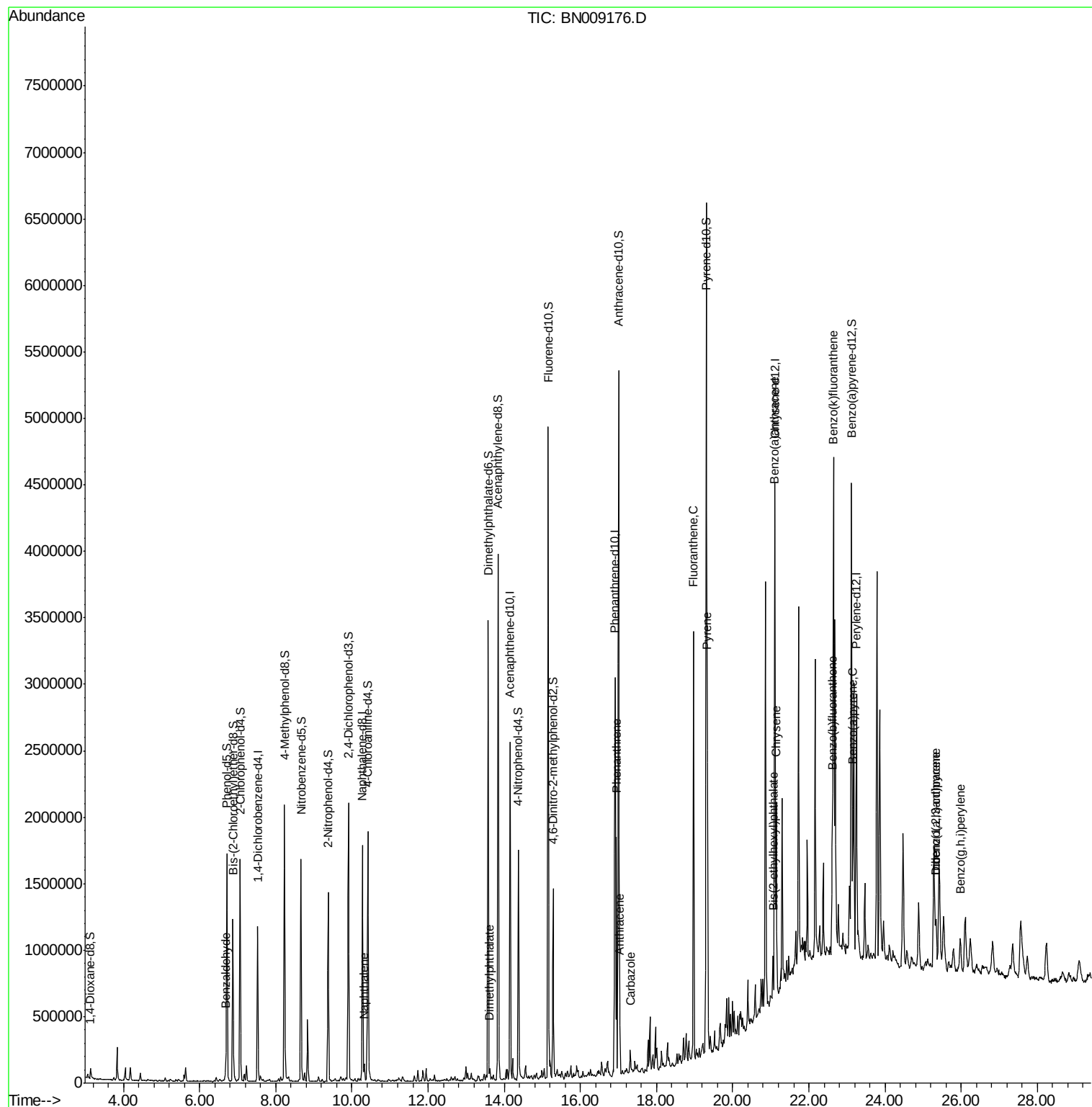
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009176.D
Acq On : 26 Dec 2019 17:02
Operator : JU
Sample : K6381-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

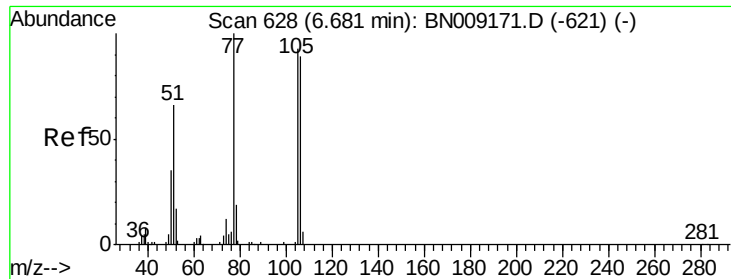
Instrument :
BNA_N
ClientSampled :
CB5R1

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Quant Time: Dec 26 17:38:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.643 ng/ul

RT: 6.69 min Scan# 629

Delta R.T. 0.01 min

Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

Instrument :

BNA_N

ClientSampleId :

CB5R1

Tot Ion: 77 Resp: 27368

Ion Ratio Lower Upper

77 100

105 90.3 73.9 110.9

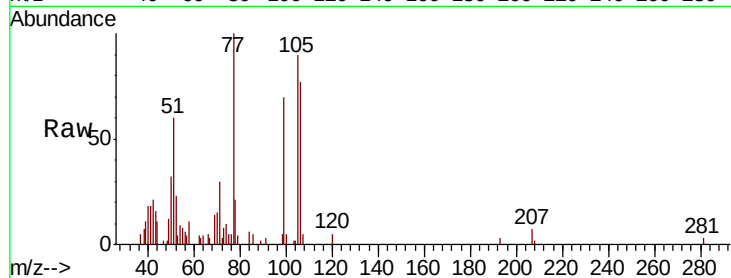
106 77.1 72.1 108.1

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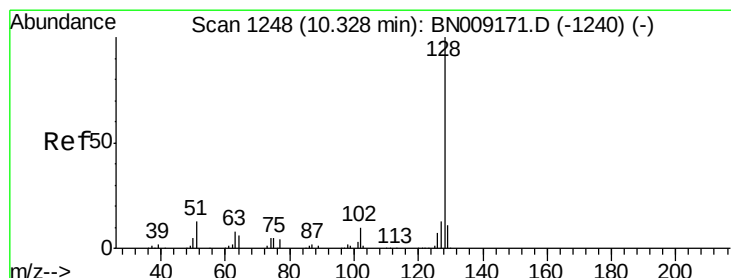
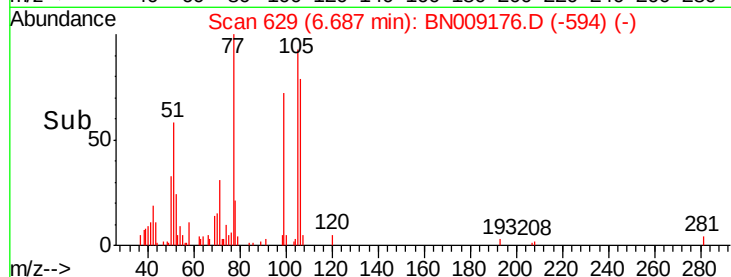
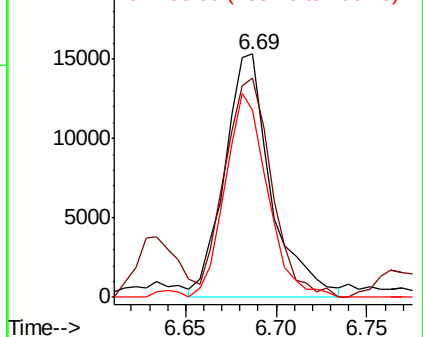


Abundance

Ion 77.00 (76.70 to 77.70): BN009176.D (-594) (-)

Ion 105.00 (104.70 to 105.70): BN009176.D (-594) (-)

Ion 106.00 (105.70 to 106.70): BN009176.D (-594) (-)



#28

Naphthalene

Concen: 1.417 ng/ul

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

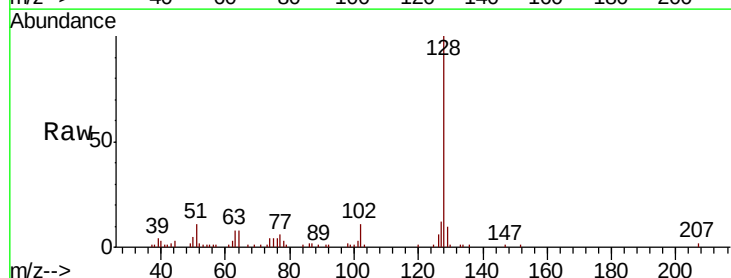
Tgt Ion: 128 Resp: 95985

Ion Ratio Lower Upper

128 100

129 10.0 8.7 13.1

127 12.3 10.4 15.6

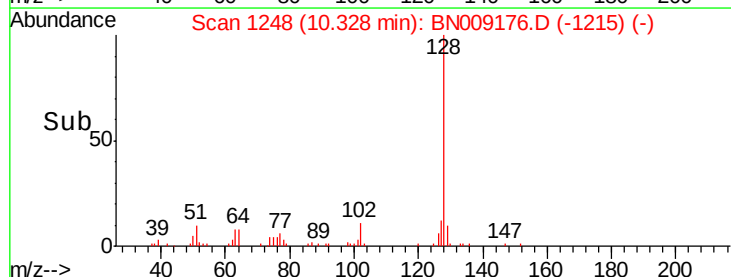
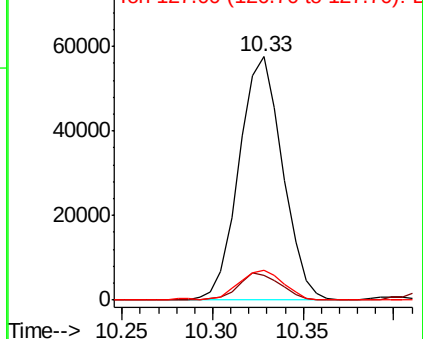


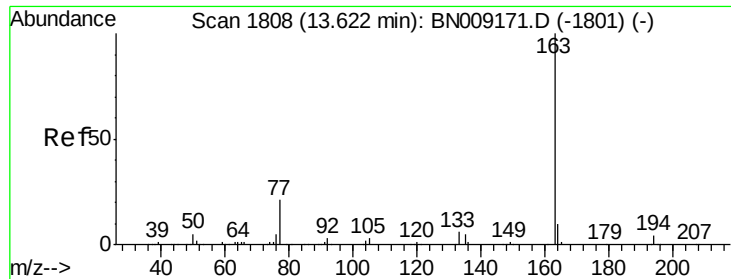
Abundance

Ion 128.00 (127.70 to 128.70): BN009176.D (-1215) (-)

Ion 129.00 (128.70 to 129.70): BN009176.D (-1215) (-)

Ion 127.00 (126.70 to 127.70): BN009176.D (-1215) (-)





#44

Dimethylphthalate

Concen: 1.000 ng/ul

RT: 13.62 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

Instrument :

BNA_N

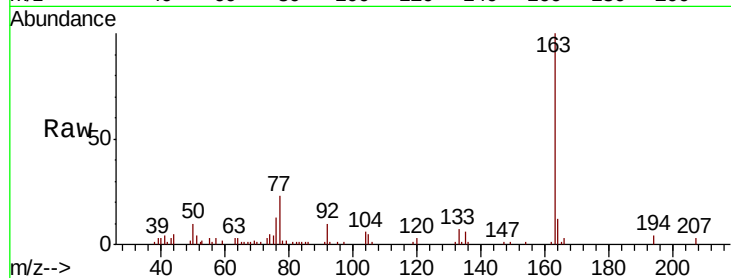
ClientSampleId :

CB5R1

Tot Ion:	163	Resp:	63178
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.5	8.3	12.5

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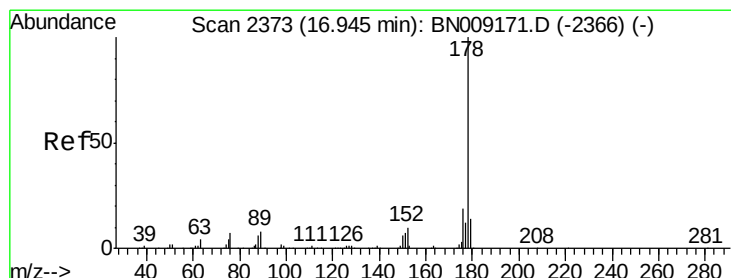
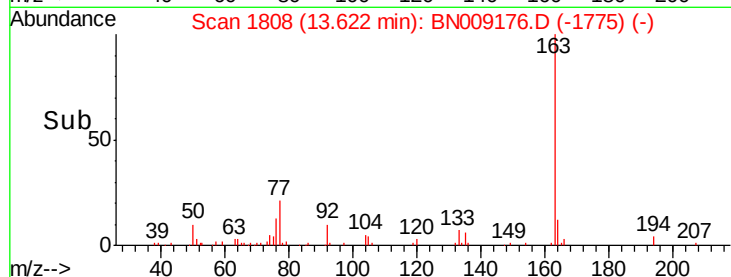
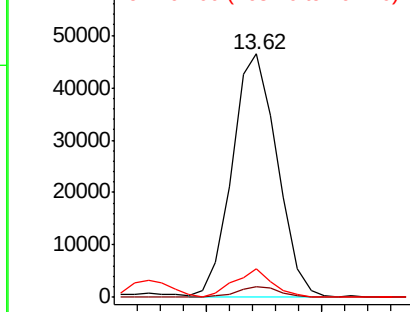


Abundance

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: 10.685 ng/ul

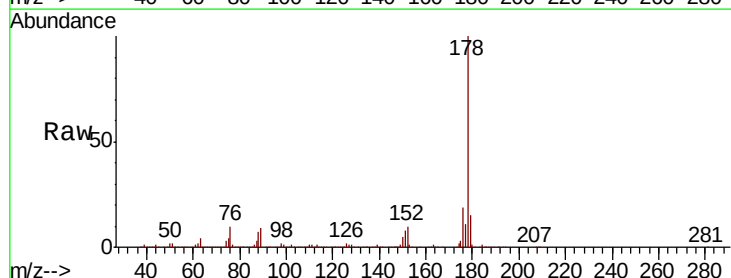
RT: 16.95 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

Tgt Ion:	178	Resp:	1002141
Ion Ratio	Lower	Upper	
178	100		
179	14.6	11.8	17.8
176	19.1	15.2	22.8

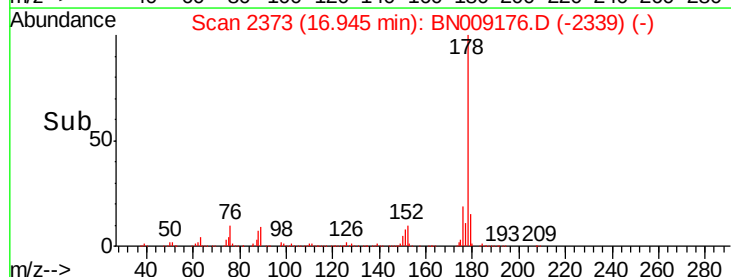
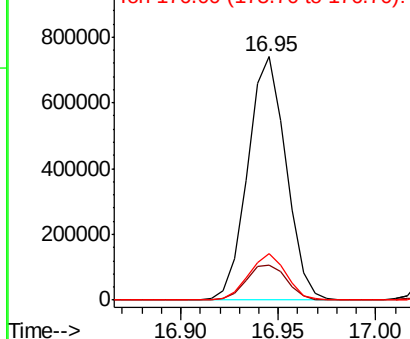


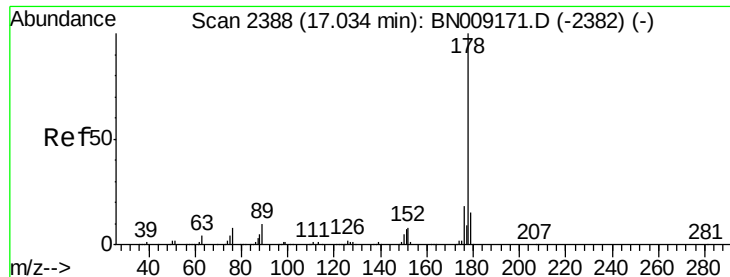
Abundance

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





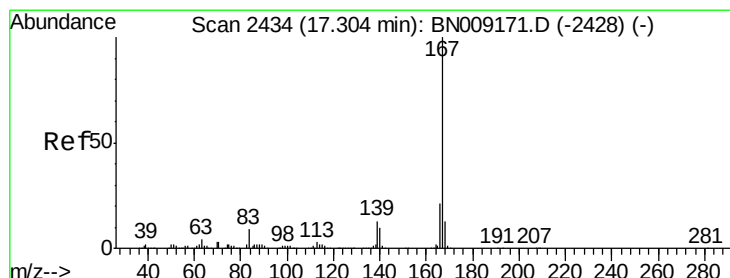
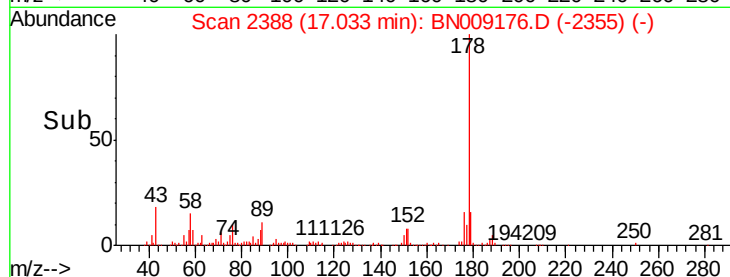
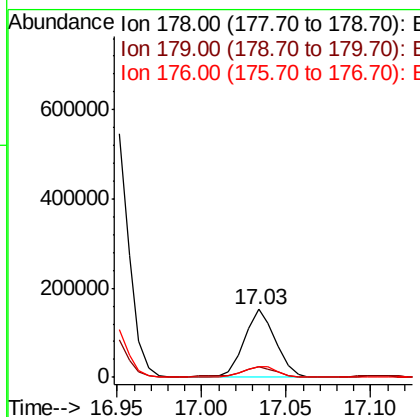
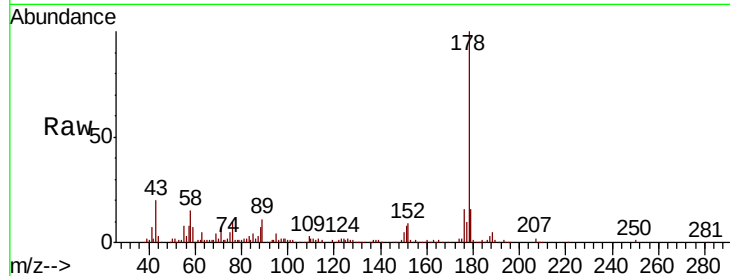
#71
 Anthracene
 Concen: 2.024 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BN009176.D
 Acq: 26 Dec 2019 17:02

Instrument :
 BNA_N
 ClientSampleId :
 CB5R1

Tot Ion:178	Resp:	195325
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 18.8
176	16.2	14.8 22.2

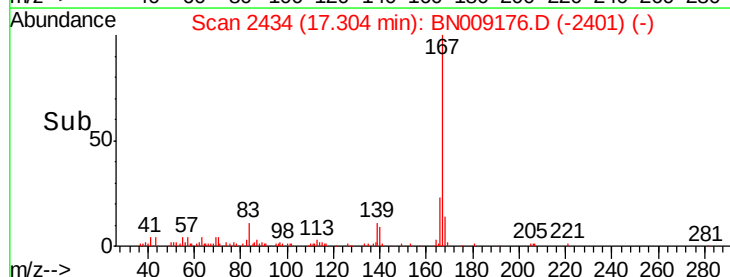
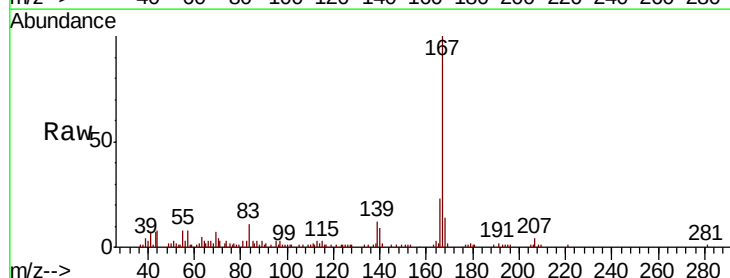
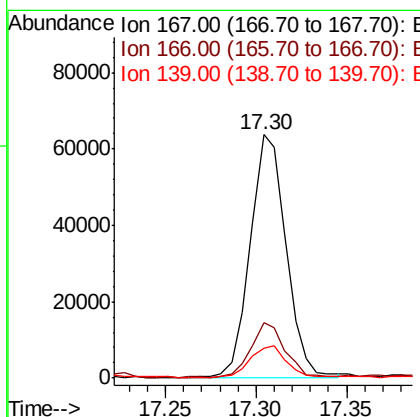
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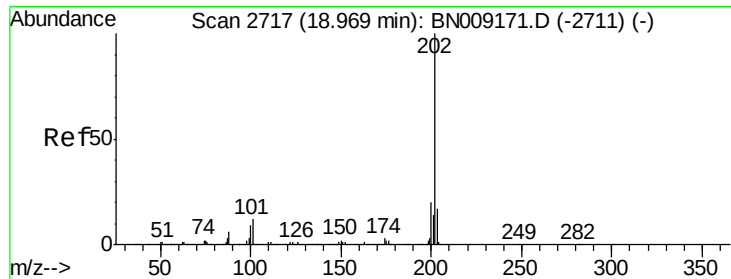
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#74
 Carbazole
 Concen: 1.055 ng/ul
 RT: 17.30 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BN009176.D
 Acq: 26 Dec 2019 17:02

Tgt Ion:167	Resp:	87977
Ion Ratio	Lower	Upper
167	100	
166	22.6	16.8 25.2
139	12.1	10.6 15.8





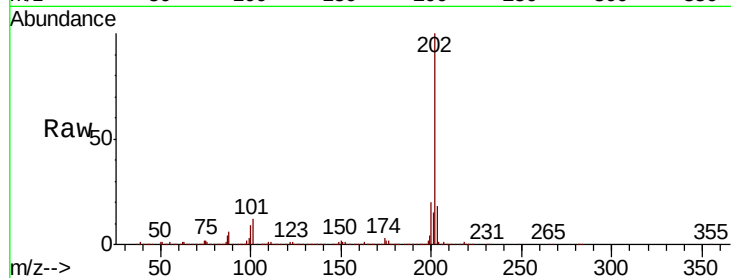
#76
Fluoranthene
Concen: 16.240 ng/ul
RT: 18.97 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Instrument :
BNA_N
ClientSampled :
CB5R1

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
100	9.1	7.6	11.4

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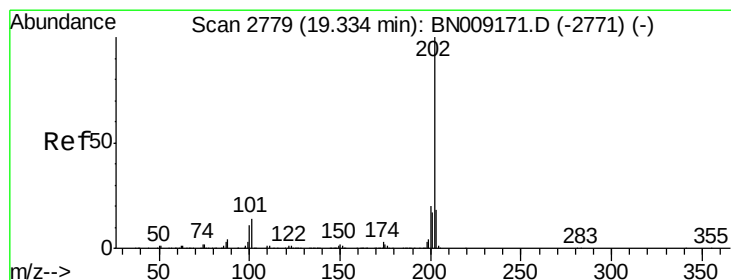
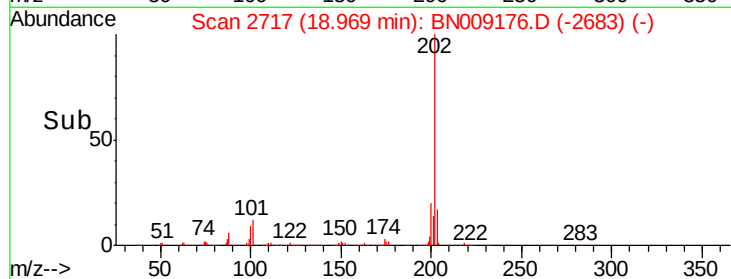
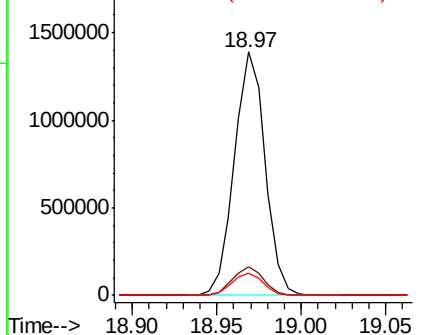


Abundance

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



#79
Pyrene
Concen: 14.763 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

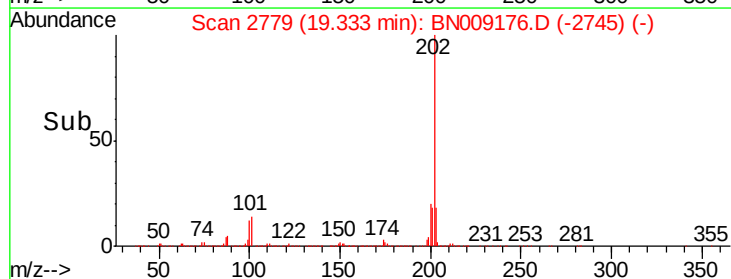
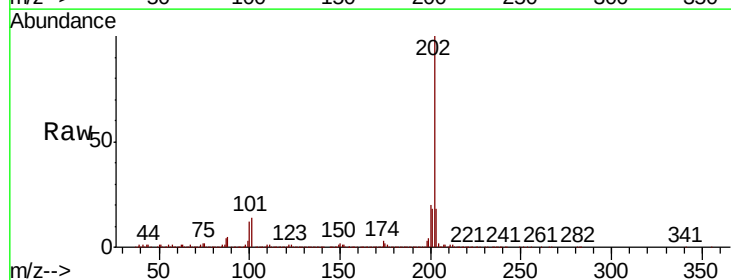
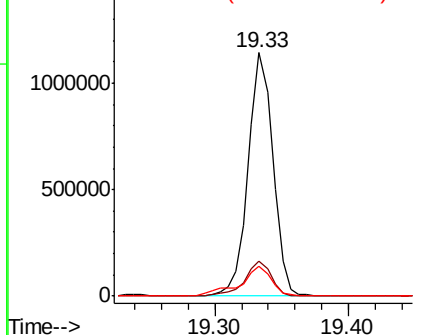
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.1	16.7
100	12.4	9.0	13.4

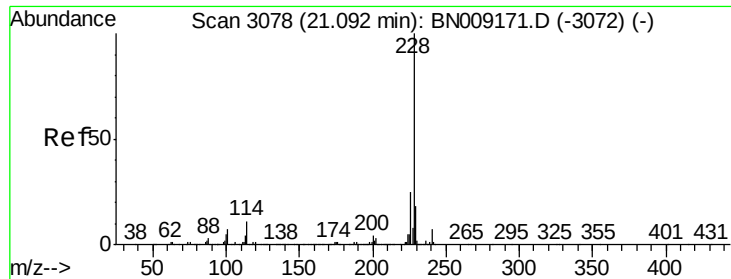
Abundance

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





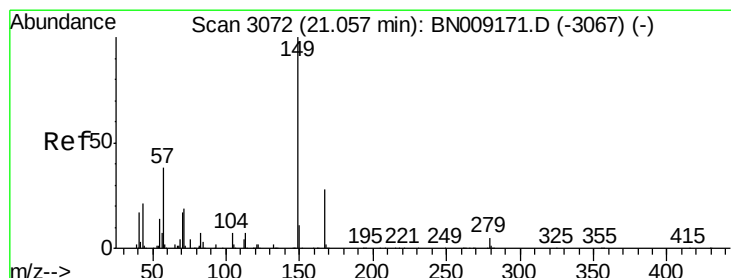
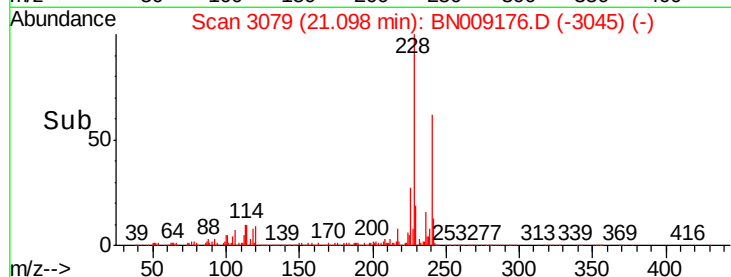
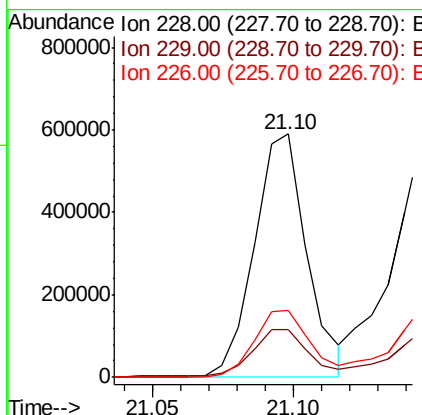
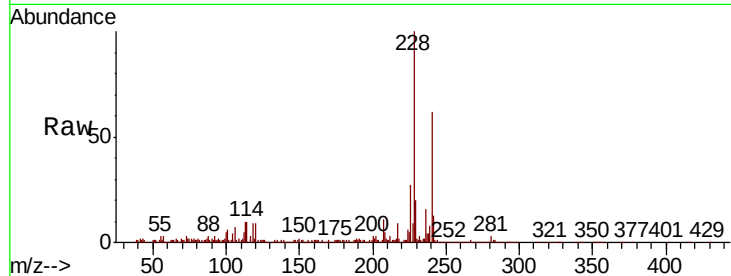
#82
Benzo(a)anthracene
Concen: 7.831 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Instrument :
BNA_N
ClientSampled :
CB5R1

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.2	22.8
226	27.3	19.8	29.6

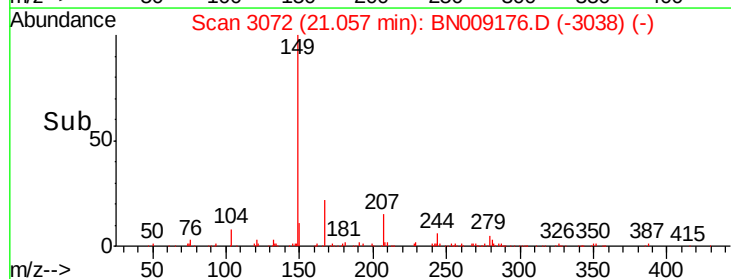
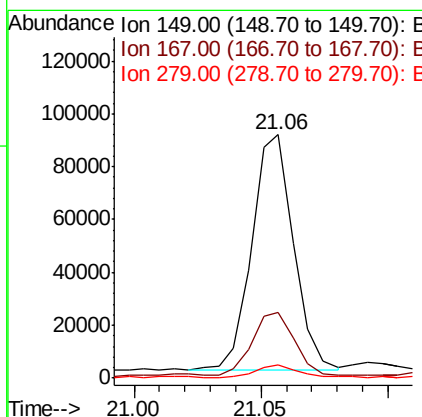
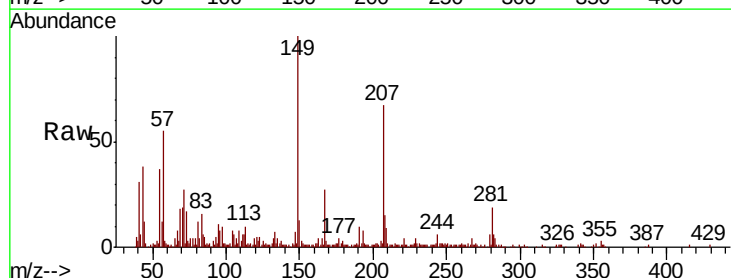
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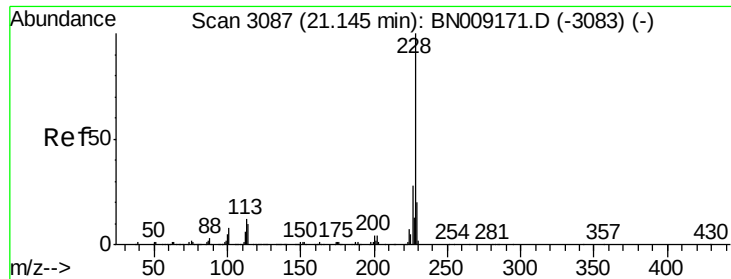
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.523 ng/ul
RT: 21.06 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	5.5	3.5	5.3#





#84

Chrysene

Concen: 8.012 ng/ul

RT: 21.15 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

Instrument :

BNA_N

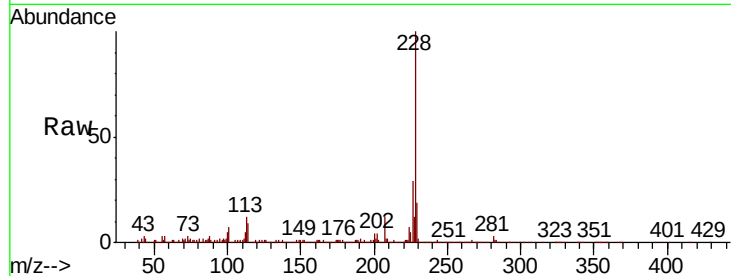
ClientSampleId :

CB5R1

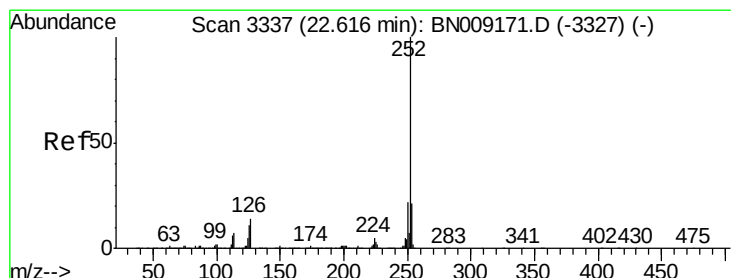
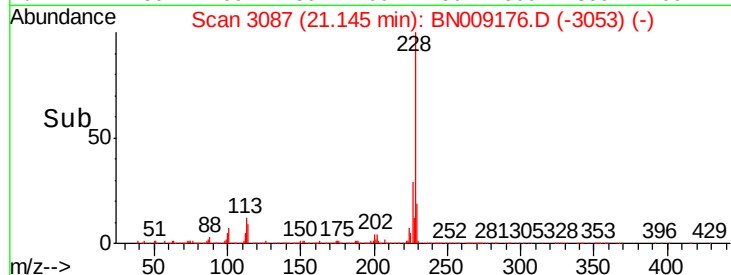
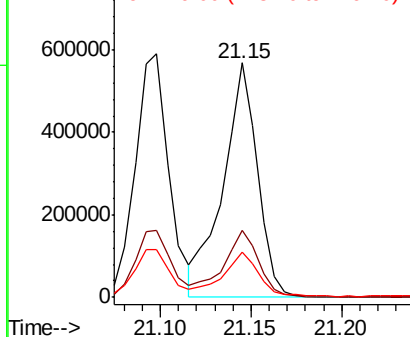
Tot Ion:	228	Resp:	744768
Ion Ratio		Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.3	15.9	23.9

Manual Integrations
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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



#87

Benzo(b)fluoranthene

Concen: 10.657 ng/ul

RT: 22.62 min Scan# 3337

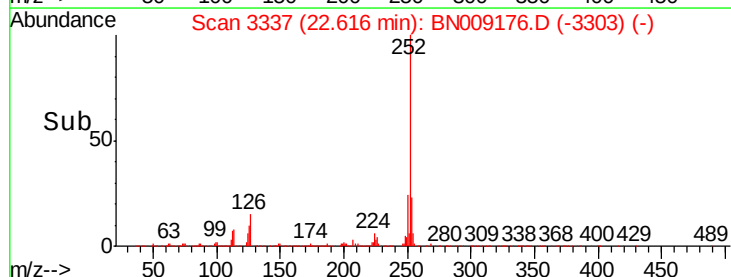
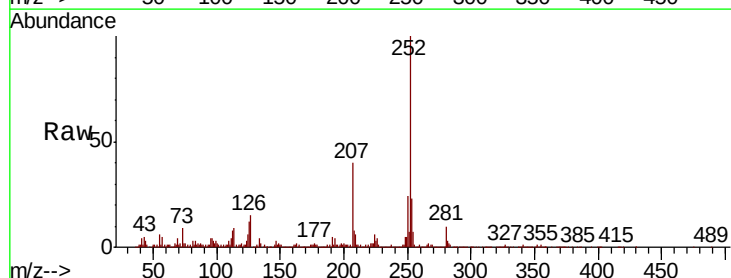
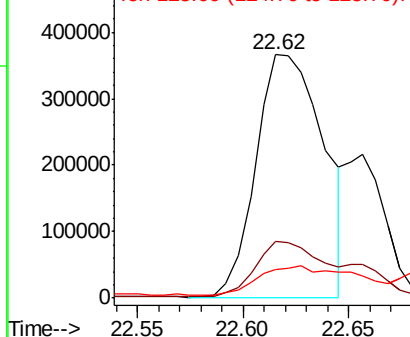
Delta R.T. -0.00 min

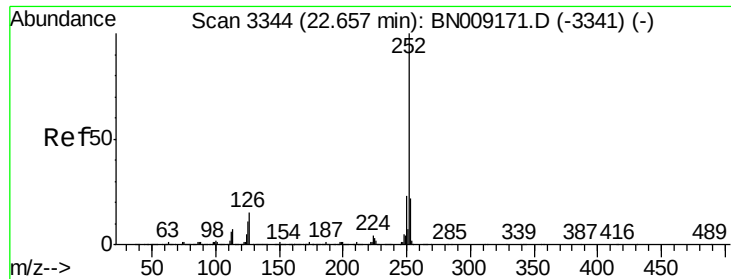
Lab File: BN009176.D

Acq: 26 Dec 2019 17:02

Tgt Ion:	252	Resp:	810481
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.6	8.5	12.7

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





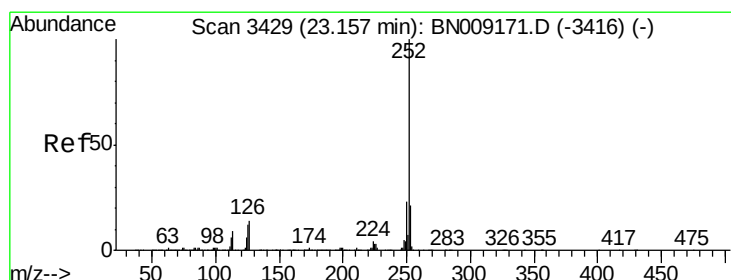
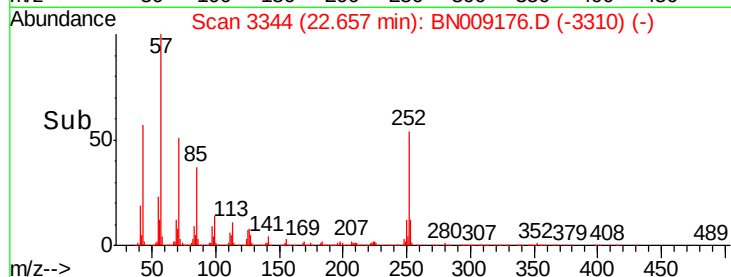
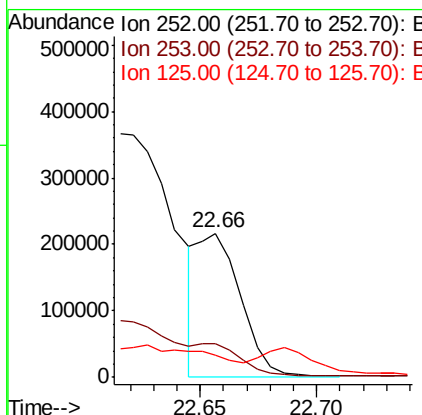
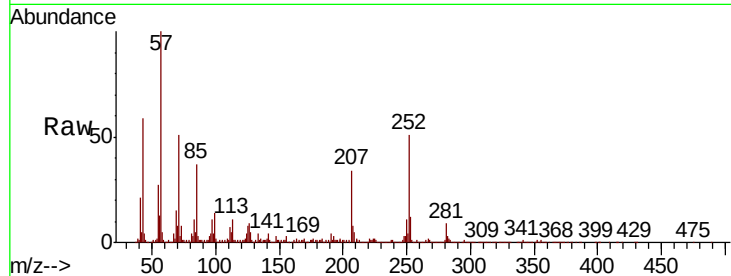
#88
Benzo(k)fluoranthene
Concen: 3.747 ng/ul m
RT: 22.66 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Instrument :
BNA_N
ClientSampled :
CB5R1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	15.5	8.8	13.2

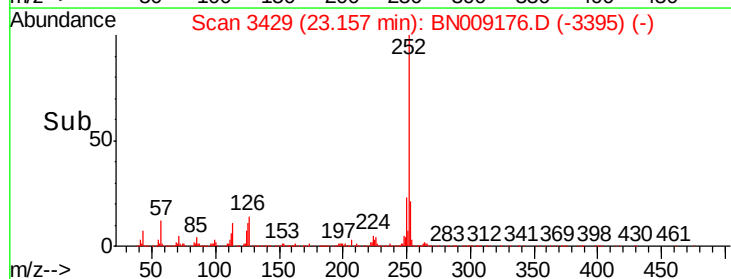
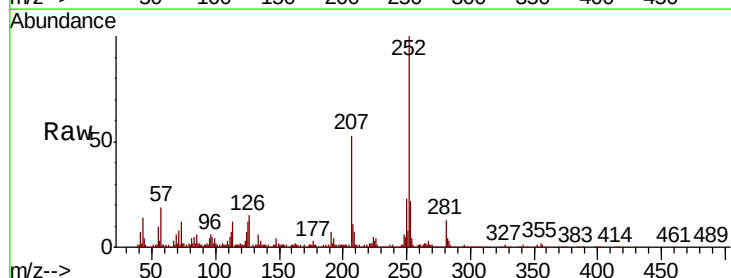
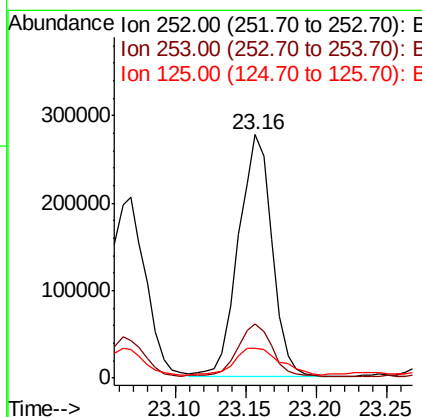
Manual Integrations
APPROVED

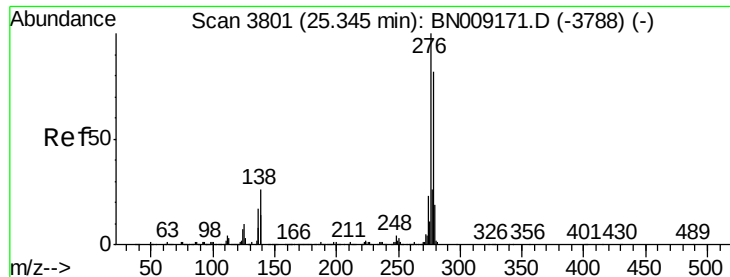
mohammad
12/27/2019 3:20:01 PM



#90
Benzo(a)pyrene
Concen: 6.607 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.3	9.5	14.3





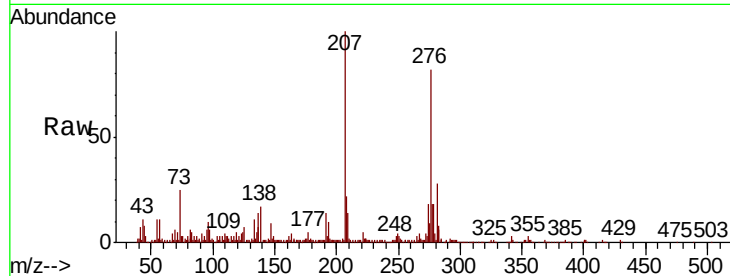
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.397 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Instrument :
BNA_N
ClientSampleId :
CB5R1

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.5	30.7#
277	22.5	20.2	30.4

Manual Integrations
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12/27/2019 3:20:01 PM

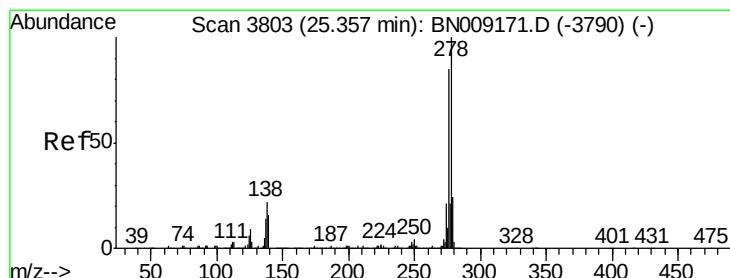
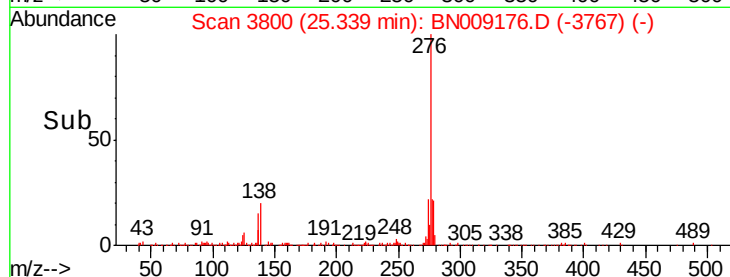
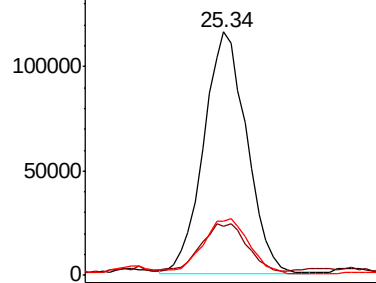


Abundance

Ion 276.00 (275.70 to 276.70): E

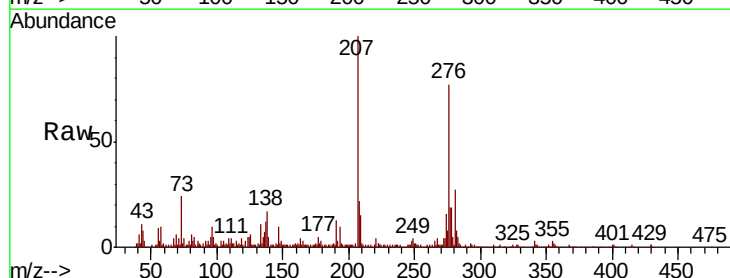
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92
Dibenzo(a,h)anthracene
Concen: 1.172 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.02 min
Lab File: BN009176.D
Acq: 26 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.2	12.4	18.6#
279	26.9	19.0	28.6

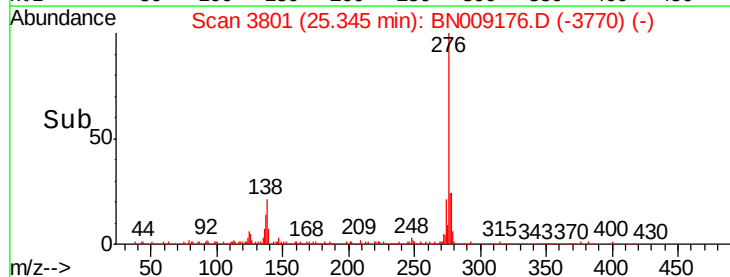
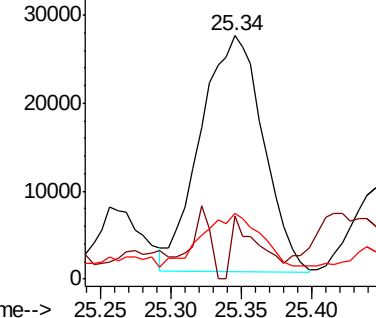


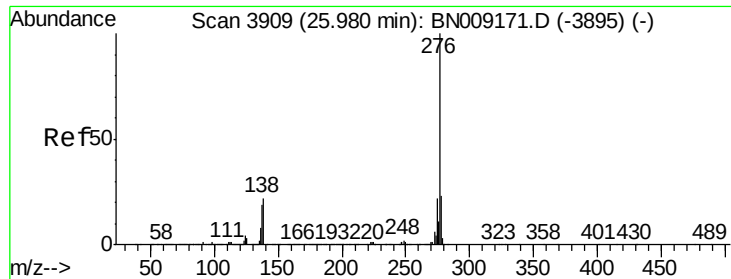
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93
 Benzo(a,h,i)perylene
 Concen: 3.771 ng/ul
 RT: 25.97 min Scan# 3908
 Delta R.T. -0.01 min
 Lab File: BN009176.D
 Acq: 26 Dec 2019 17:02

Instrument :
 BNA_N
 ClientSampleId :
 CB5R1

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.8	26.6
277	24.8	18.9	28.3

Manual Integrations
 APPROVED

mohammad
 12/27/2019 3:20:01 PM

