

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009484.D
 Acq On : 30 Jan 2020 20:53
 Operator : CG/JU
 Sample : L1300-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AK4

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jan 31 01:34:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	162796	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	664305	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	408709	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	866412	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	770209	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	880649	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3968	1.01	ng/uL	0.00
5) Phenol-d5	6.65	99	87864	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	66407	6.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	72560	6.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	61608	5.36	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	34305	7.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	34146	6.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	65453	6.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	68669	5.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	226302	7.48	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	252098	7.02	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.33	143	20890	3.71	ng/ul	0.01
57) Fluorene-d10	15.09	176	201436	7.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	21900	4.17	ng/ul	0.00
70) Anthracene-d10	16.94	188	296443	7.40	ng/ul	0.00
78) Pyrene-d10	19.25	212	339262	8.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	352793	7.94	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.68	94	18910	1.250 ng/ul	95
44) Dimethylphthalate	13.56	163	50636	1.626 ng/ul	99
49) Acenaphthene	14.15	153	29270	1.107 ng/ul	92
58) Fluorene	15.15	166	35164	1.143 ng/ul	98
69) Phenanthrene	16.89	178	736701	15.069 ng/ul	98
71) Anthracene	16.97	178	135470m	2.722 ng/ul	
74) Carbazole	17.25	167	73838	1.733 ng/ul	99
76) Fluoranthene	18.91	202	1194566	21.316 ng/ul	98
79) Pyrene	19.27	202	935104	16.768 ng/ul	98
82) Benzo(a)anthracene	21.03	228	443096	8.448 ng/ul	99
84) Chrysene	21.09	228	498890	9.764 ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	676868	12.156 ng/ul	96
88) Benzo(k)fluoranthene	22.58	252	202903m	3.706 ng/ul	
90) Benzo(a)pyrene	23.07	252	410156	8.206 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	294199	4.857 ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	72859	1.426 ng/ul#	80
93) Benzo(g,h,i)perylene	25.86	276	266766	5.295 ng/ul	96

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

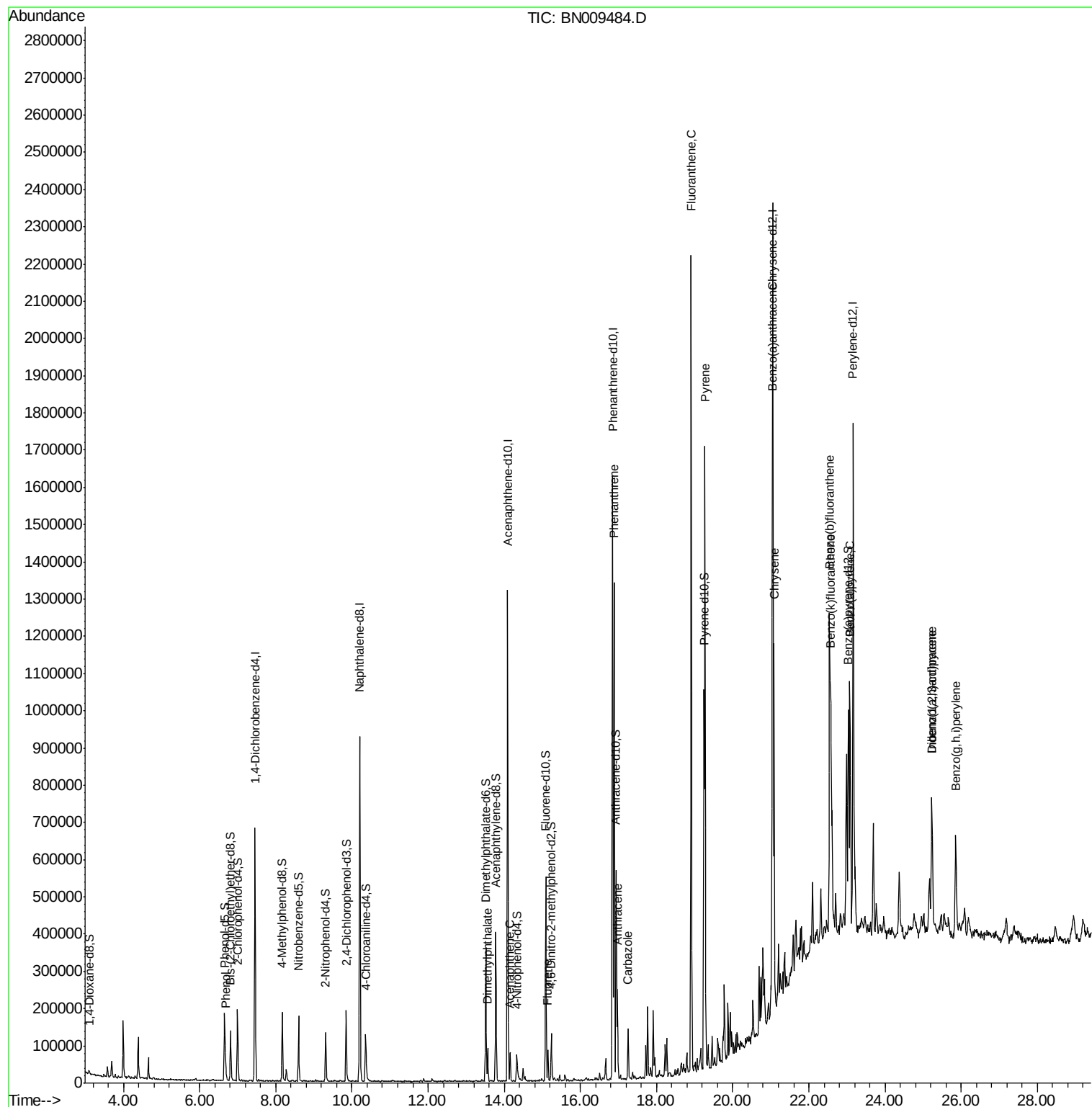
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009484.D
Acq On : 30 Jan 2020 20:53
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Sample : L1300-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

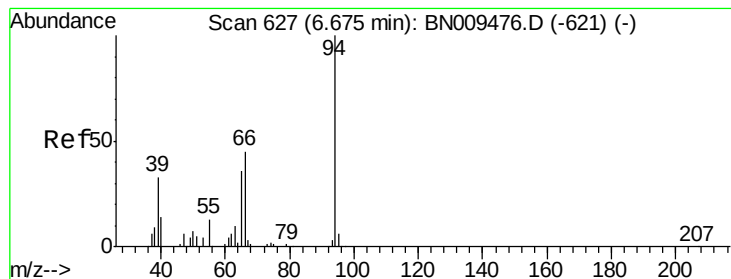
Instrument :
BNA_N
ClientSampleId :
C5AK4

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Quant Time: Jan 31 01:34:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.250 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

Instrument :

BNA_N

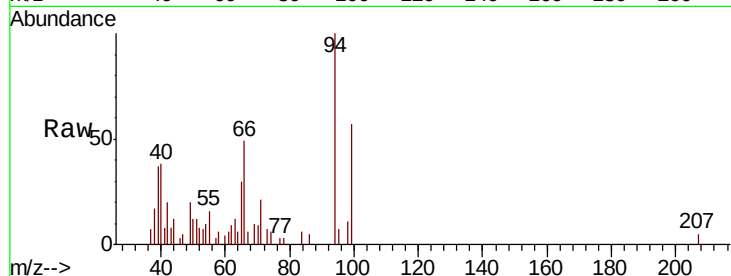
ClientSampled :

C5AK4

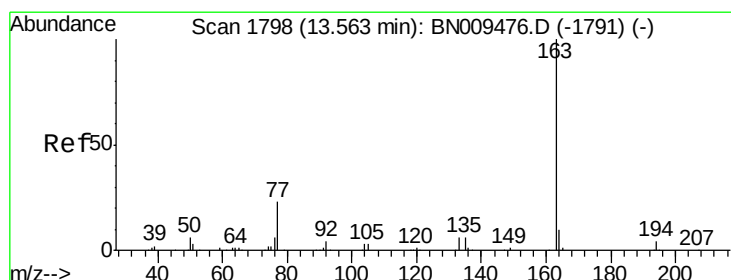
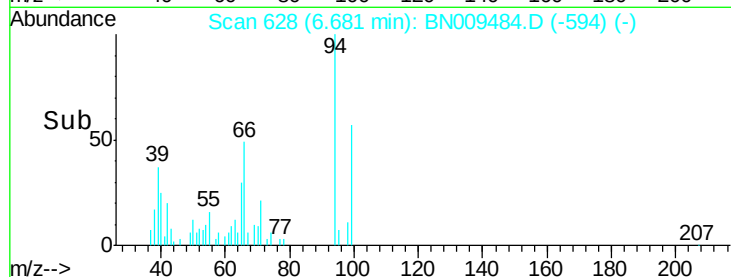
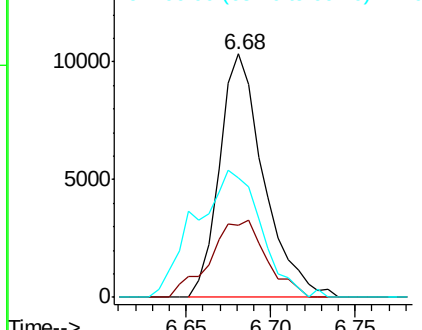
Tot Ion:	94	Resp:	18910
Ion	Ratio	Lower	Upper
94	100		
65	29.8	29.4	44.0
66	49.3	39.8	59.8

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Abundance Ion 94.00 (93.70 to 94.70): BN009484.D (-594) (-)



#44

Dimethylphthalate

Concen: 1.626 ng/ul

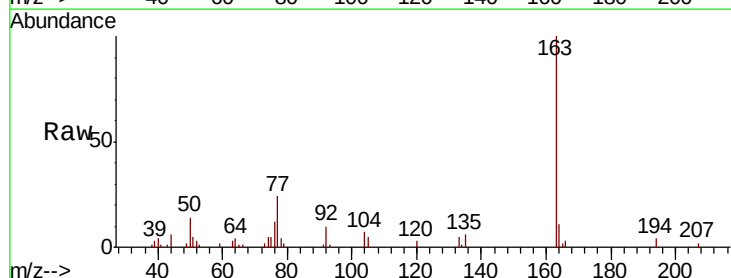
RT: 13.56 min Scan# 1798

Delta R.T. -0.01 min

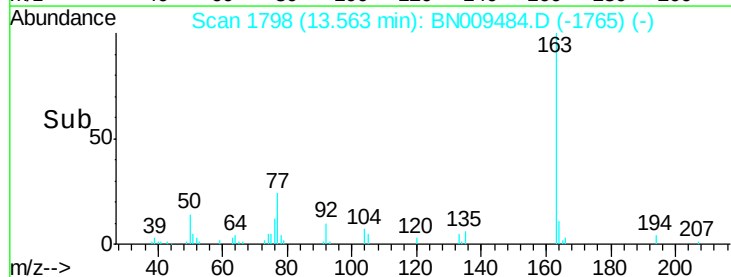
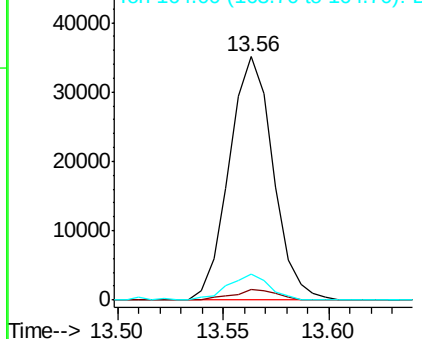
Lab File: BN009484.D

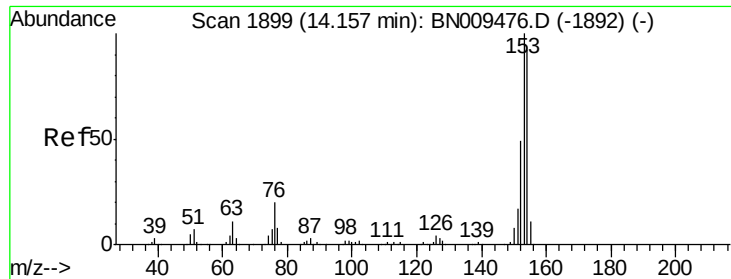
Acq: 30 Jan 2020 20:53

Tgt Ion:	163	Resp:	50636
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	10.6	8.3	12.5



Abundance Ion 163.00 (162.70 to 163.70): BN009484.D (-1765) (-)





#49

Acenaphthene

Concen: 1.107 ng/ul

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

Instrument :

BNA_N

ClientSampled :

C5AK4

Tot Ion:153 Resp: 29270

Ion Ratio Lower Upper

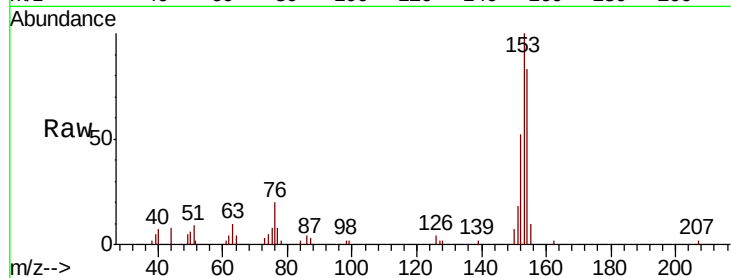
153 100

152 52.3 36.3 54.5

154 82.9 71.4 107.0

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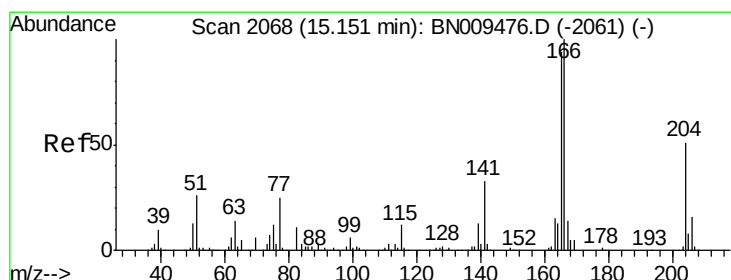
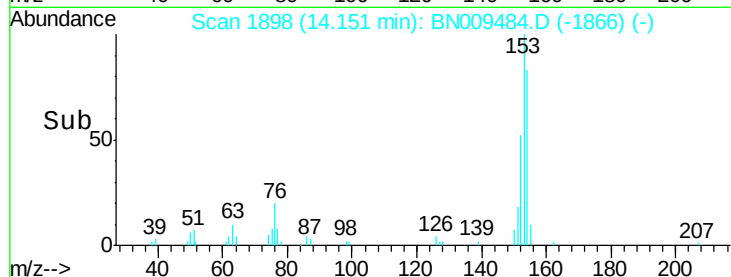
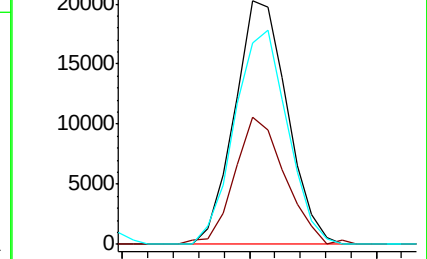
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 1.143 ng/ul

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

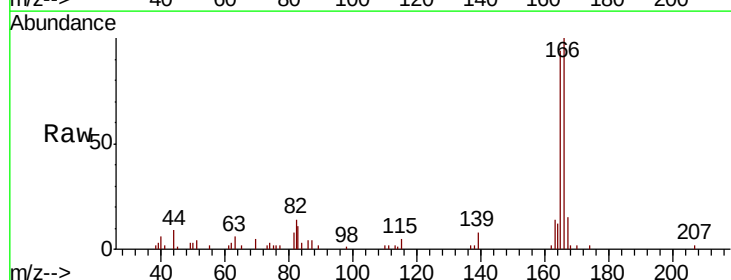
Tgt Ion:166 Resp: 35164

Ion Ratio Lower Upper

166 100

165 94.1 76.5 114.7

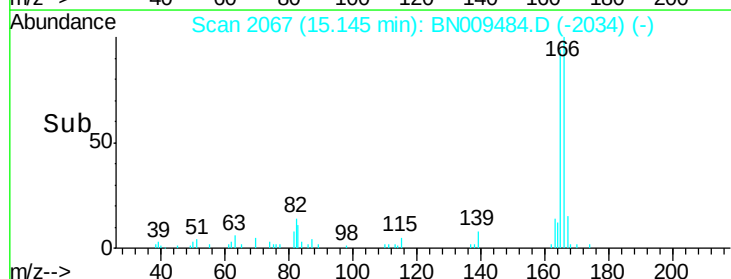
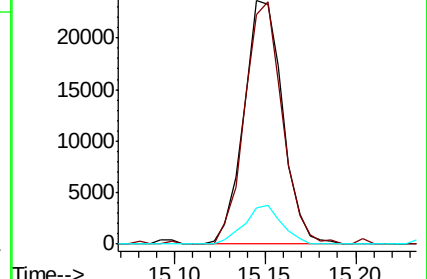
167 15.1 10.9 16.3

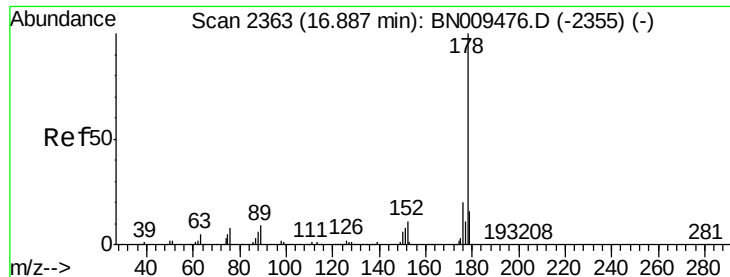


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 15.069 ng/ul

RT: 16.89 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

Instrument :

BNA_N

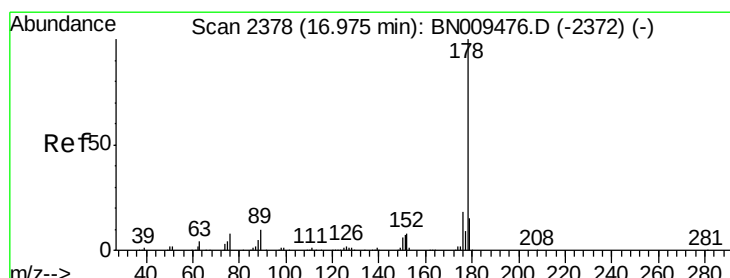
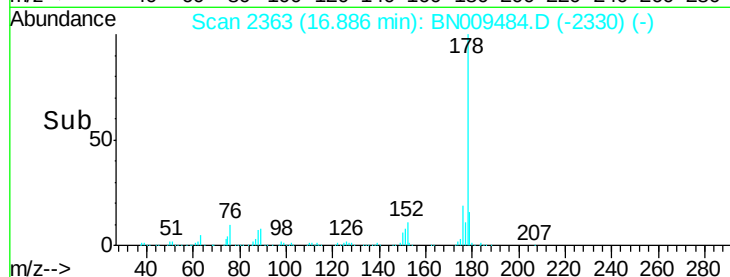
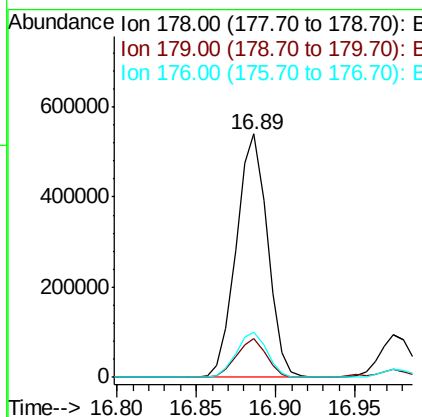
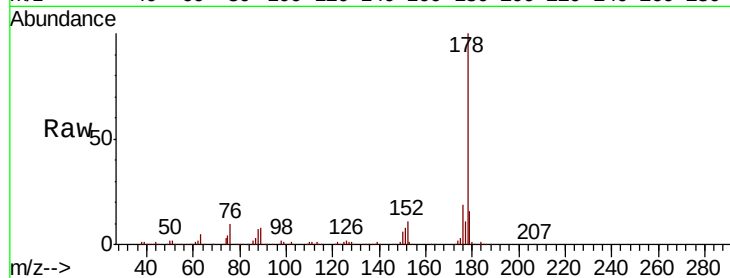
ClientSampled :

C5AK4

Tot Ion:	178	Resp:	736701
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.3	19.9
176	18.7	15.5	23.3

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#71

Anthracene

Concen: 2.722 ng/ul m

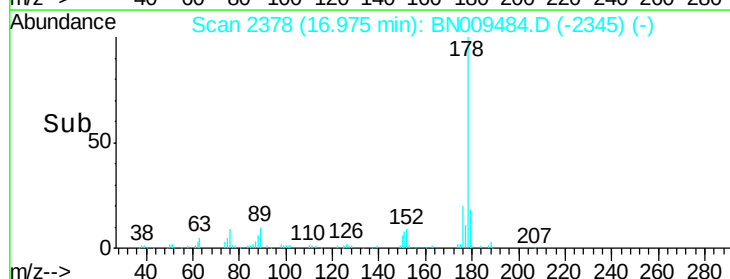
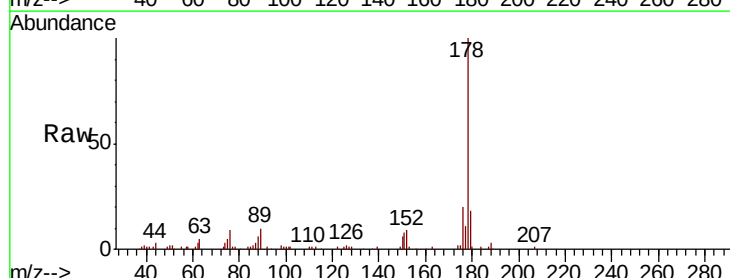
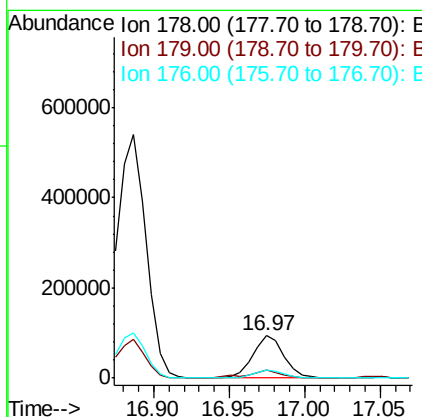
RT: 16.97 min Scan# 2378

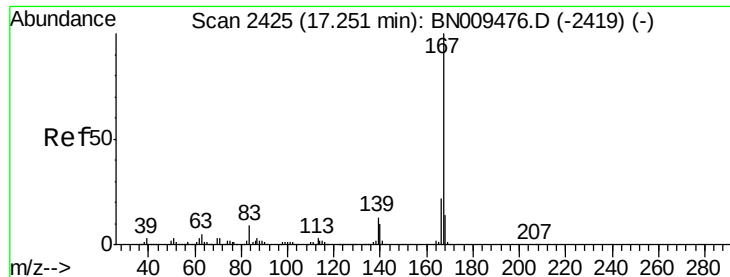
Delta R.T. -0.01 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

Tgt Ion:	178	Resp:	135470
Ion Ratio	Lower	Upper	
178	100		
179	17.8	11.8	17.6#
176	20.2	14.6	22.0





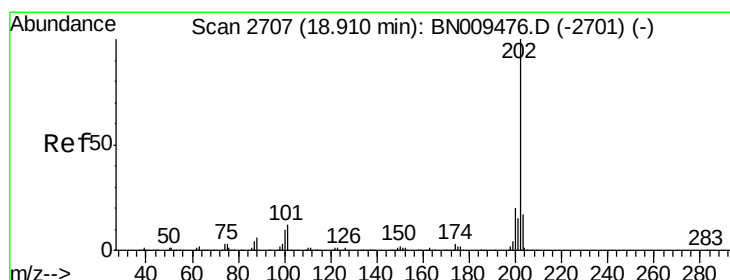
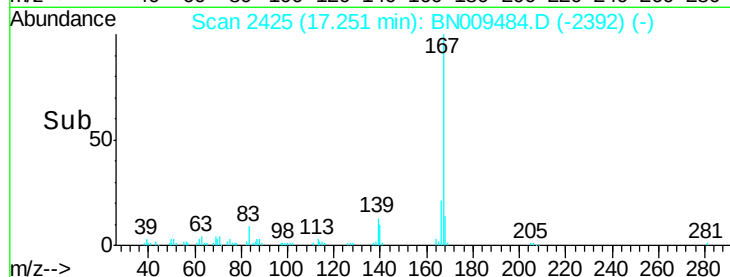
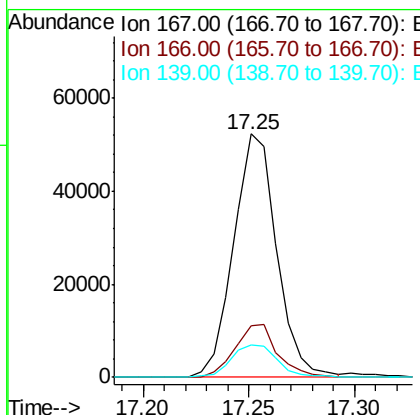
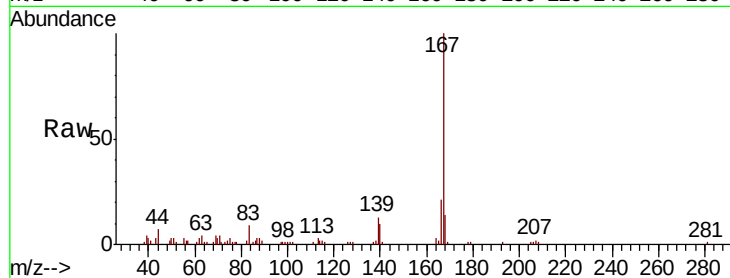
#74
 Carbazole
 Concen: 1.733 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BN009484.D
 Acq: 30 Jan 2020 20:53

Instrument :
 BNA_N
 ClientSampleId :
 C5AK4

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	13.3	10.6	15.8

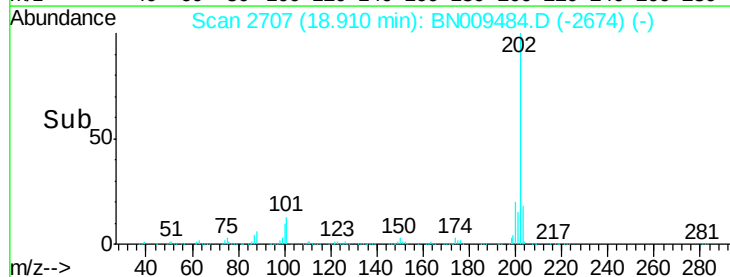
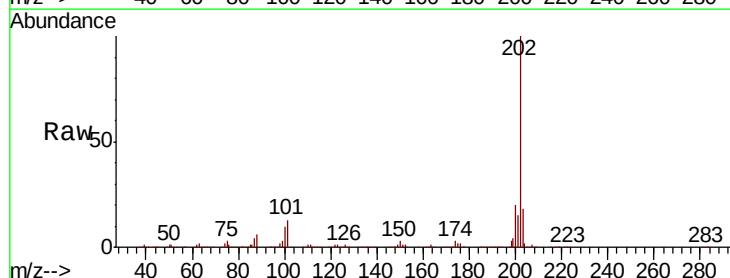
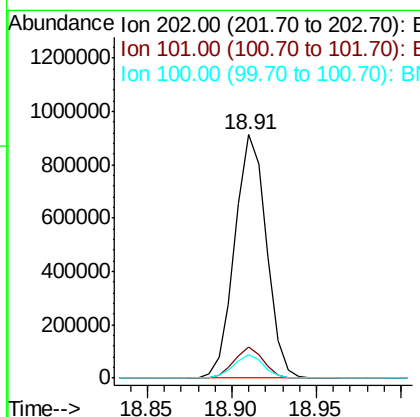
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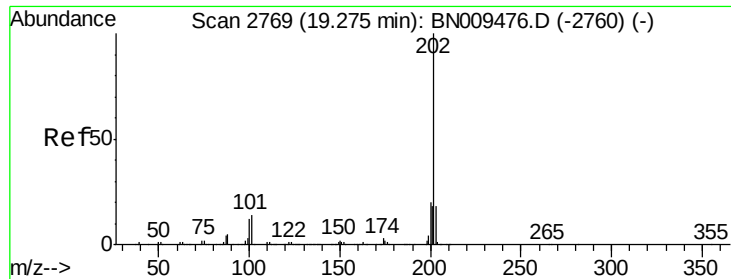
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#76
 Fluoranthene
 Concen: 21.316 ng/ul
 RT: 18.91 min Scan# 2707
 Delta R.T. -0.01 min
 Lab File: BN009484.D
 Acq: 30 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.7	7.1	10.7





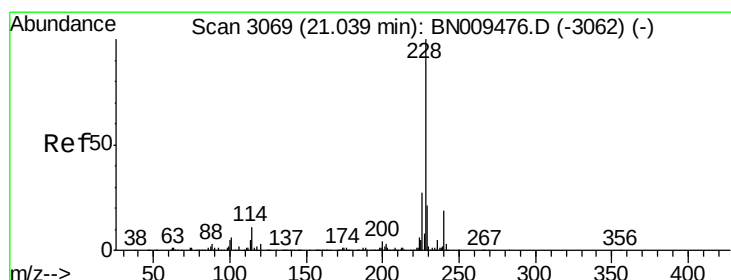
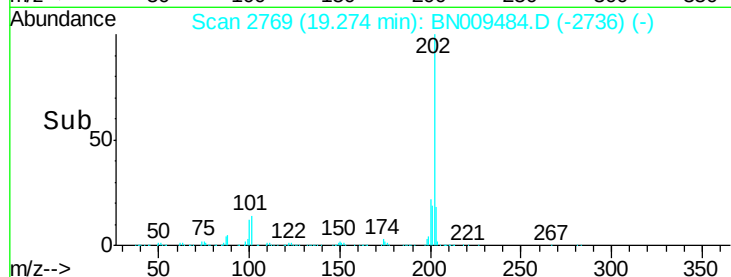
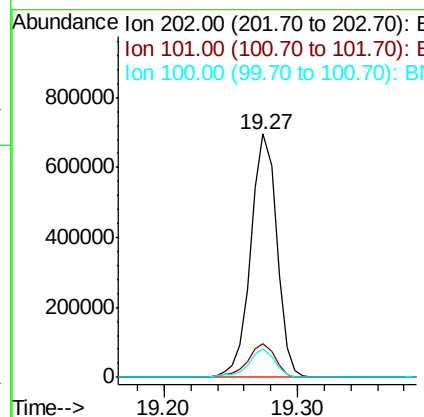
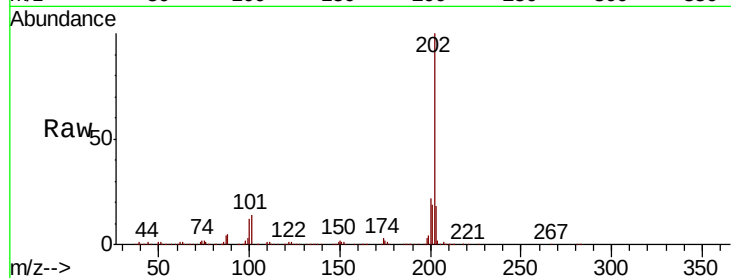
#79
Pvrene
Concen: 16.768 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C5AK4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	935104		
101	14.0		10.9	16.3
100	11.6		8.6	12.8

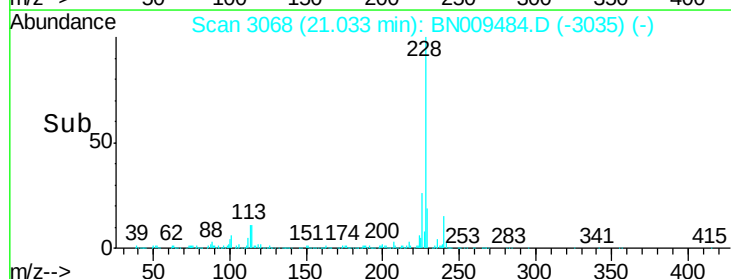
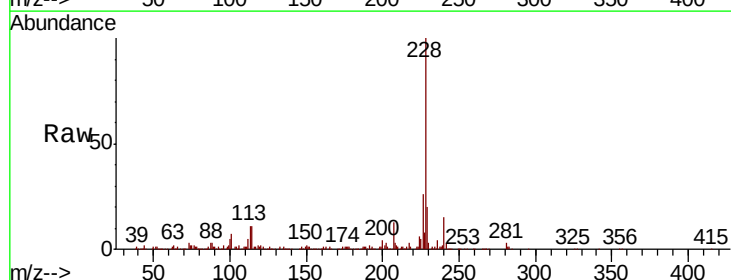
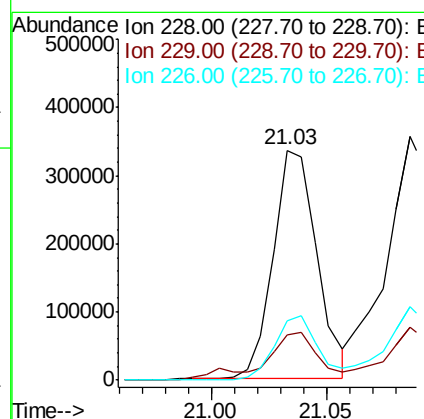
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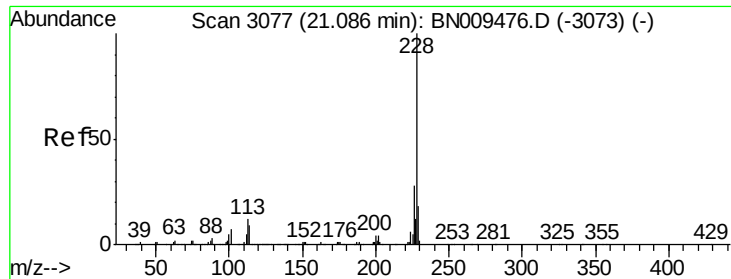
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#82
Benzo(a)anthracene
Concen: 8.448 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	443096		
229	19.6		15.9	23.9
226	25.7		20.9	31.3





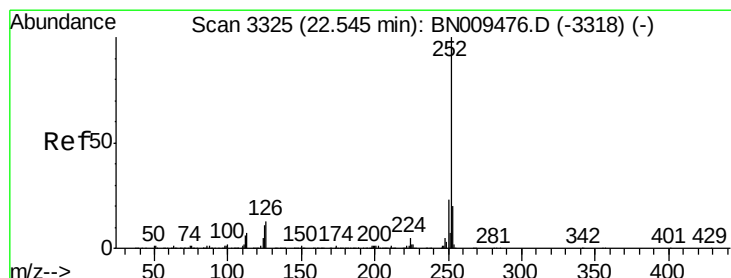
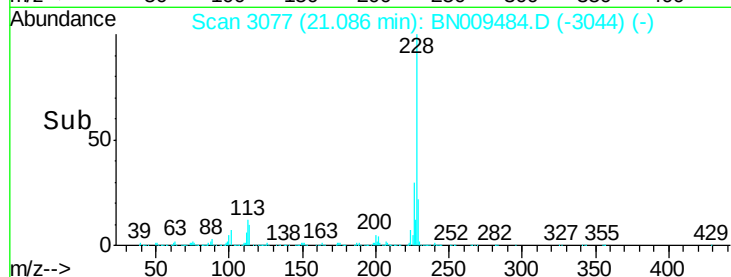
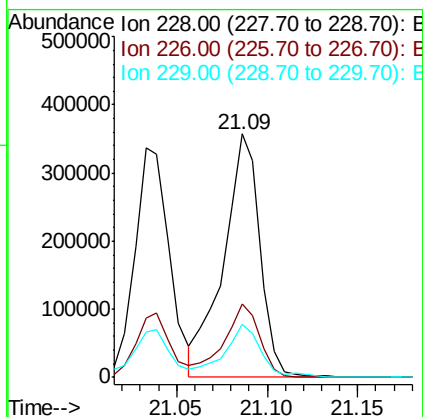
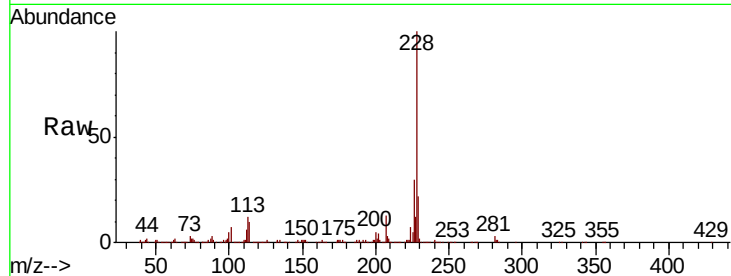
#84
Chrysene
Concen: 9.764 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C5AK4

Tot Ion:	228	Resp:	498890
Ion Ratio		Lower	Upper
228	100		
226	30.1	22.9	34.3
229	21.6	15.4	23.0

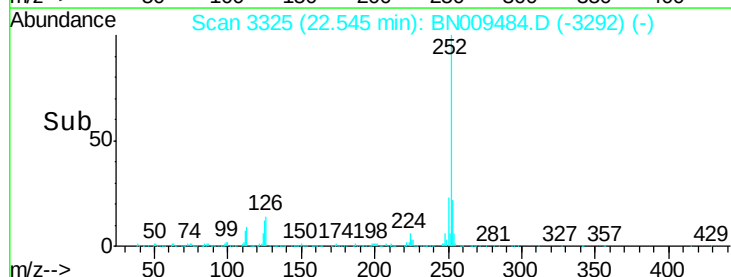
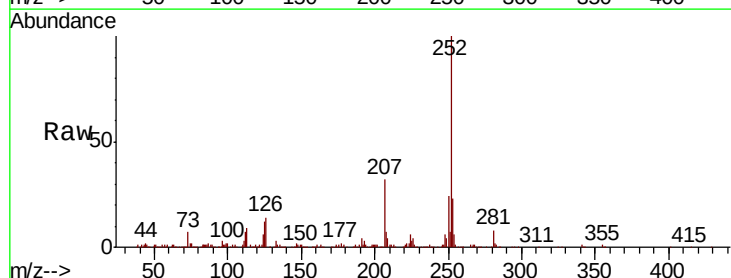
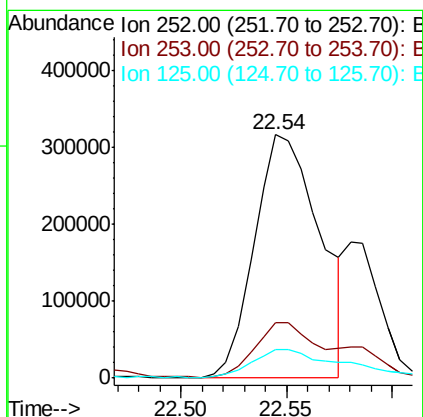
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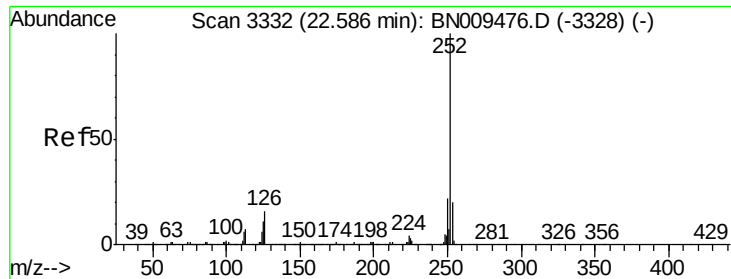
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#87
Benzo(b)fluoranthene
Concen: 12.156 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Tgt Ion:	252	Resp:	676868
Ion Ratio		Lower	Upper
252	100		
253	22.6	16.5	24.7
125	11.9	8.2	12.2





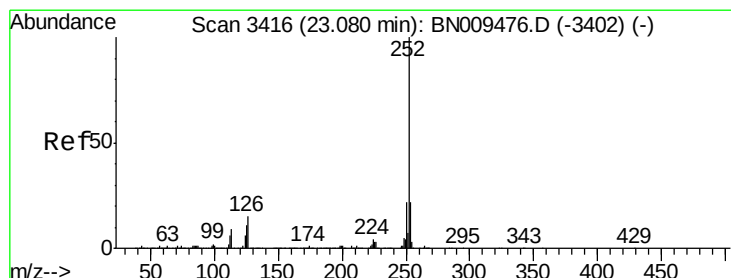
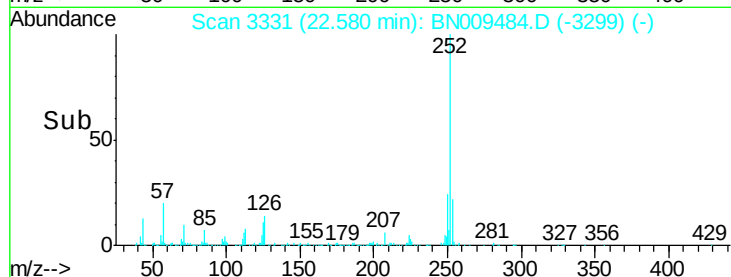
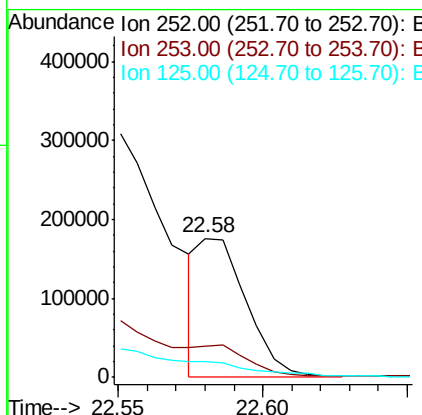
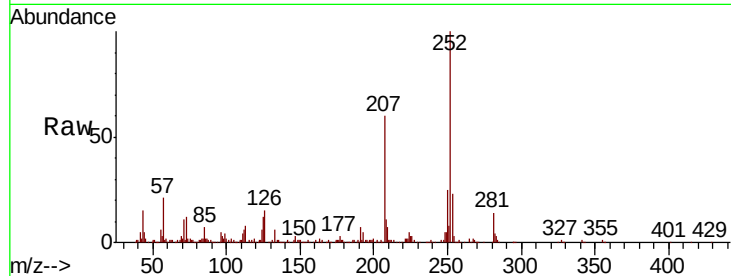
#88
Benzo(k)fluoranthene
Concen: 3.706 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Instrument :
BNA_N
ClientSampleId :
C5AK4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	11.8	7.8	11.8

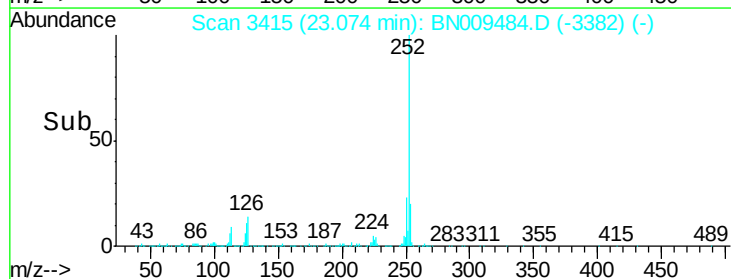
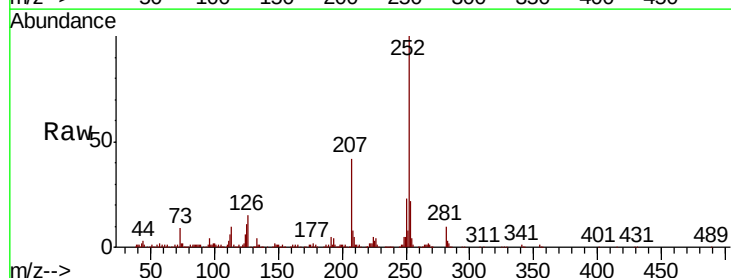
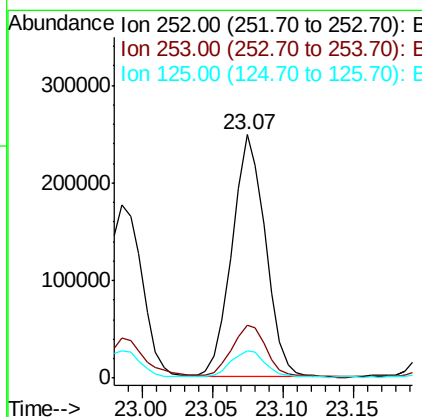
Manual Integrations
APPROVED

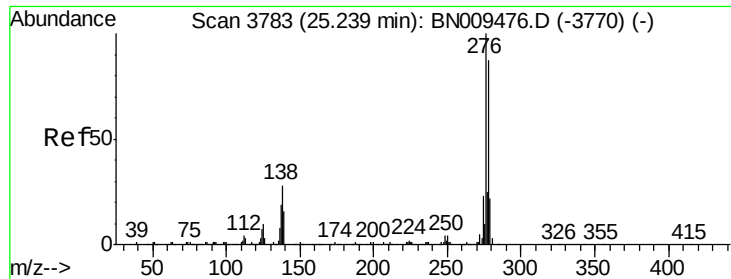
mohammad
2/3/2020 4:08:00 PM



#90
Benzo(a)pyrene
Concen: 8.206 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BN009484.D
Acq: 30 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.2	9.8	14.6





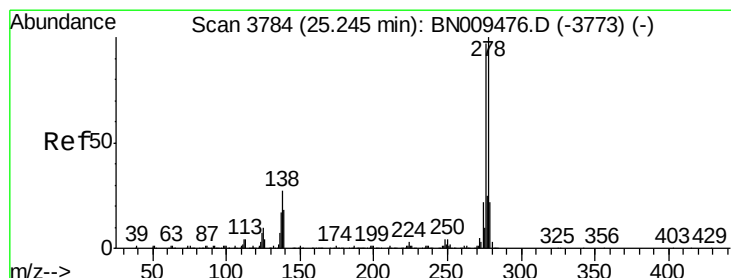
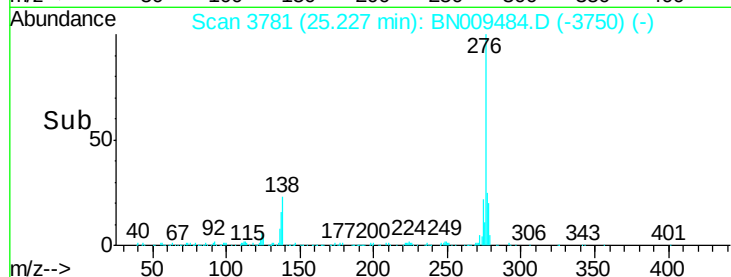
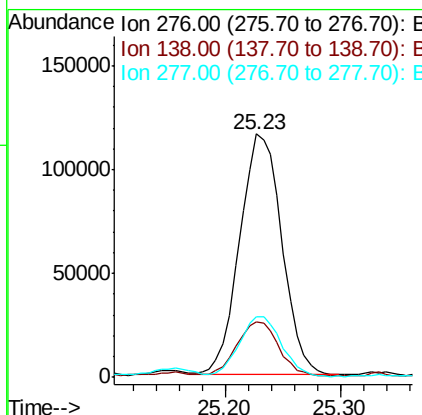
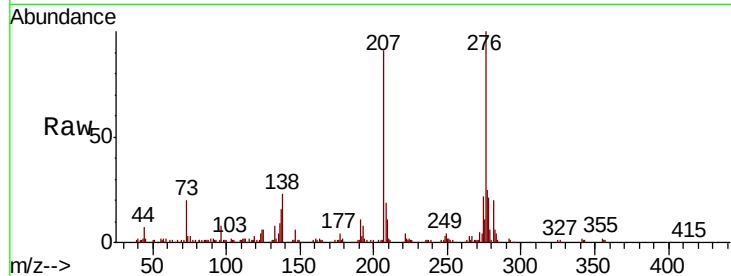
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.857 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. -0.02 min
 Lab File: BN009484.D
 Acq: 30 Jan 2020 20:53

Instrument :
 BNA_N
 ClientSampleId :
 C5AK4

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.4	32.0
277	24.9	20.4	30.6

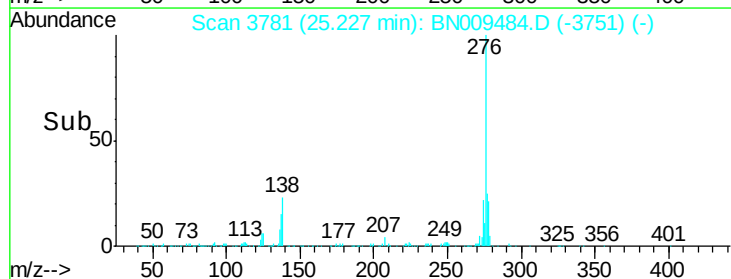
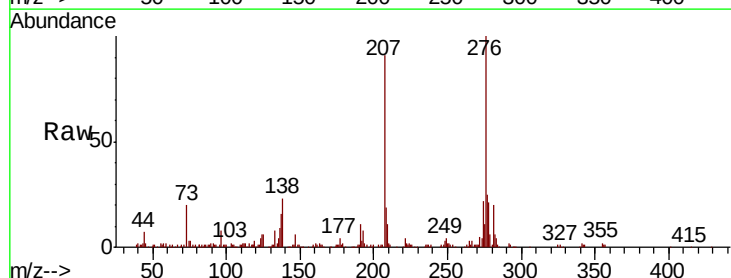
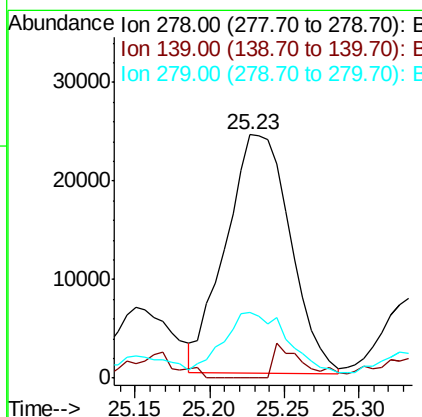
Manual Integrations
 APPROVED

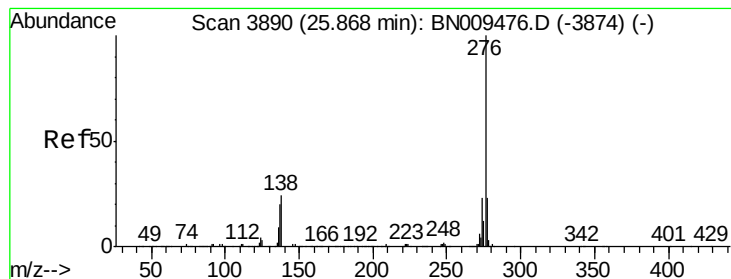
mohammad
 2/3/2020 4:08:00 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.426 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. -0.02 min
 Lab File: BN009484.D
 Acq: 30 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.2	19.3	28.9





#93

Benzo(a,h,i)perylene

Concen: 5.295 ng/ul

RT: 25.86 min Scan# 3888

Delta R.T. -0.02 min

Lab File: BN009484.D

Acq: 30 Jan 2020 20:53

Instrument :

BNA_N

ClientSampleId :

C5AK4

Tot Ion:	276	Resp:	266766
Ion Ratio	Lower	Upper	
276	100		
138	23.1	16.6	24.8
277	25.0	18.7	28.1

Manual Integrations
APPROVED

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2/3/2020 4:08:00 PM

