

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009638.D
 Acq On : 07 Feb 2020 08:59
 Operator : CG/JU
 Sample : L1324-18 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT73

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:30 AM

Quant Time: Feb 07 13:54:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	192779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	819967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	494061	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	975939	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	831329	20.00	ng/ul	0.01
85) Perylene-d12	23.16	264	968250	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	539	0.11	ng/uL	0.01
5) Phenol-d5	6.64	99	23051	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	15446m	1.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	18222	1.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	18225	1.36	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	8249	1.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	8997	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	17302	1.36	ng/ul	0.02
29) 4-Chloroaniline-d4	10.36	131	6896m	0.50	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	59503	1.65	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	71869	1.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	7598m	1.12	ng/ul	0.02
57) Fluorene-d10	15.07	176	53405	1.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	4695	0.77	ng/ul	0.01
70) Anthracene-d10	16.92	188	83173	1.88	ng/ul	0.00
78) Pyrene-d10	19.24	212	84149	1.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	83733	1.76	ng/ul	0.01

Target Compounds

					Ovalue	
47) Acenaphthylene	13.79	152	1422614	29.830	ng/ul	98
49) Acenaphthene	14.13	153	93139	2.873	ng/ul	93
58) Fluorene	15.15	166	132354	3.508	ng/ul#	50
69) Phenanthrene	16.87	178	955339	17.165	ng/ul	98
71) Anthracene	16.96	178	744374	13.181	ng/ul	100
76) Fluoranthene	18.91	202	6966537	109.671	ng/ul	98
79) Pyrene	19.28	202	11202083	184.588	ng/ul	95
82) Benzo(a)anthracene	21.03	228	3206960m	55.872	ng/ul	
84) Chrysene	21.09	228	3371864	59.008	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	2847042	46.997	ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	997197m	16.715	ng/ul	
90) Benzo(a)pyrene	23.08	252	1805780	32.173	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1372174	20.563	ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	437211	7.784	ng/ul#	82
93) Benzo(g,h,i)perylene	25.87	276	1381912	24.710	ng/ul	97

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

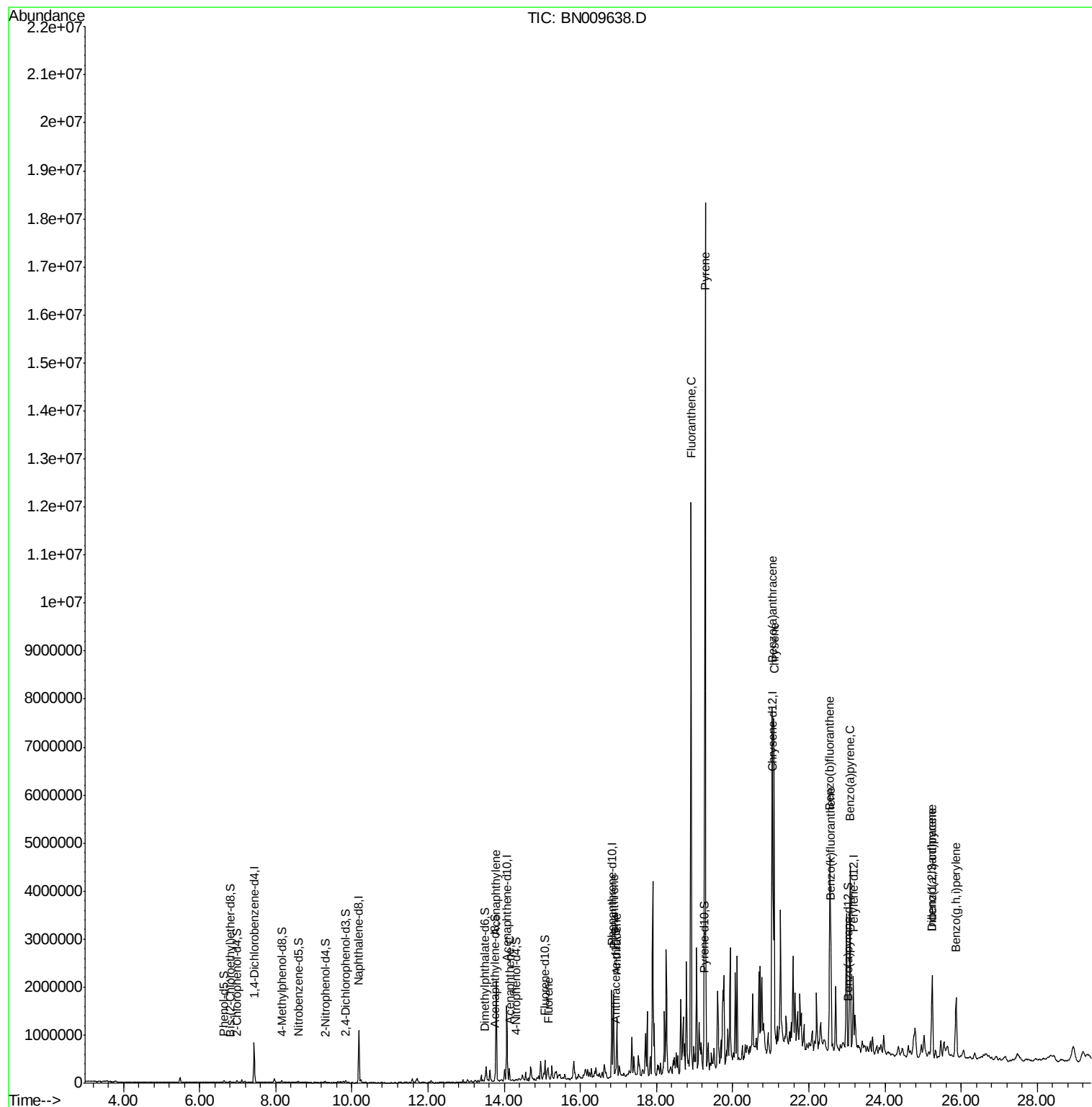
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009638.D
Acq On : 07 Feb 2020 08:59
Operator : CG/JU
Sample : L1324-18 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

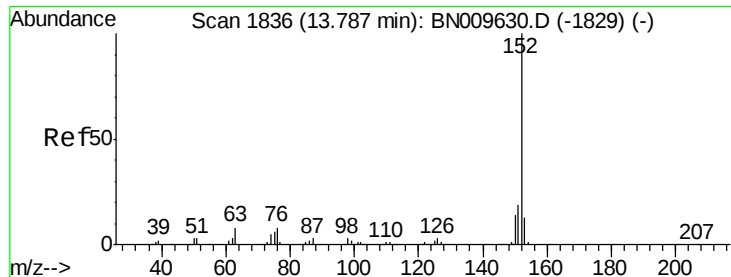
Instrument :
BNA_N
ClientSampleId :
GAT73

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Quant Time: Feb 07 13:54:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration





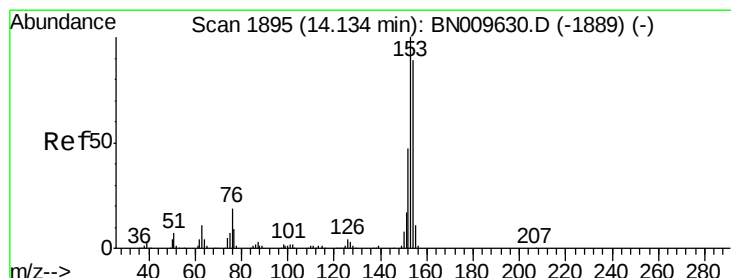
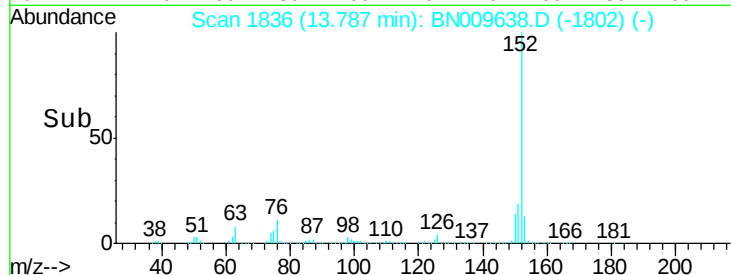
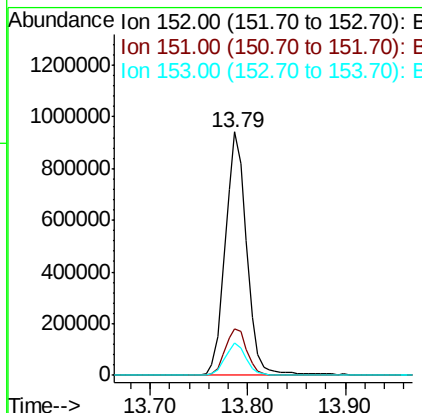
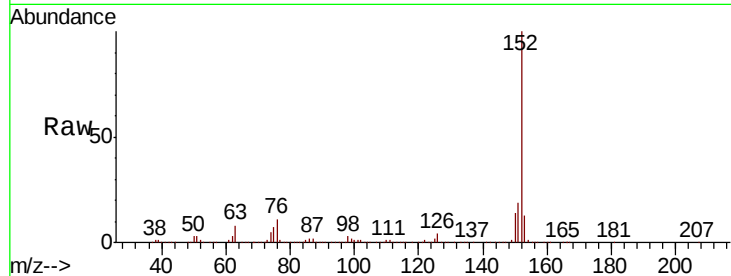
#47
Acenaphthylene
Concen: 29.830 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	13.3	10.6	15.8

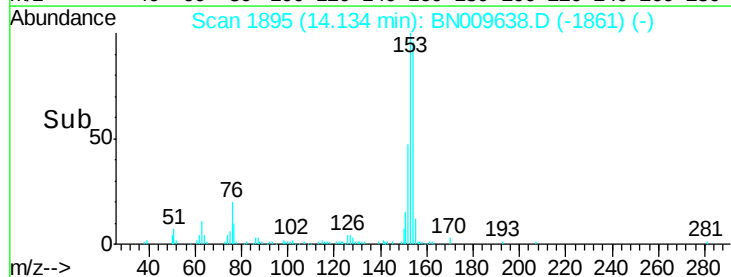
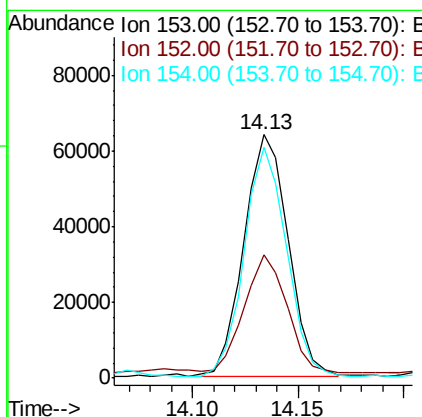
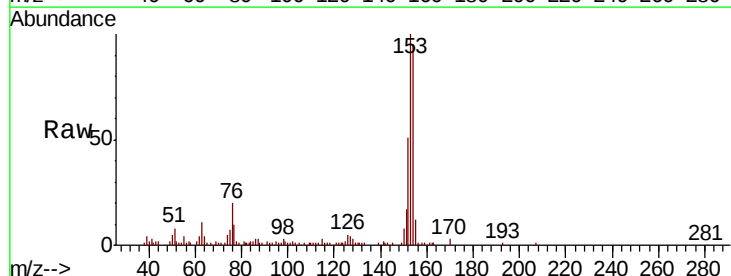
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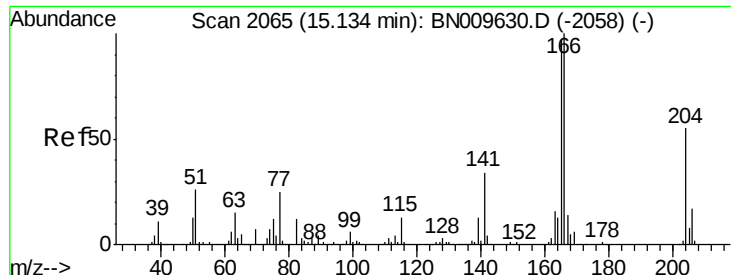
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#49
Acenaphthene
Concen: 2.873 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.5	37.3	55.9
154	94.6	70.2	105.2





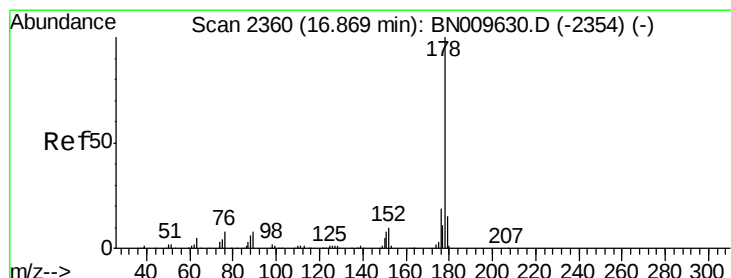
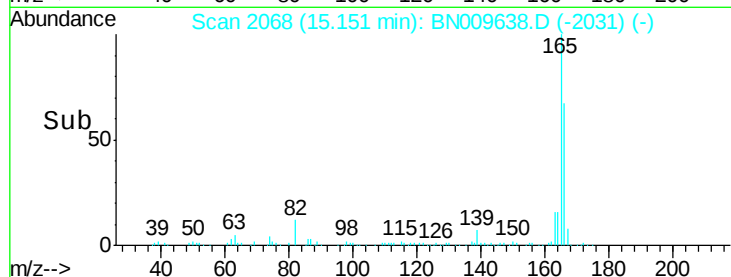
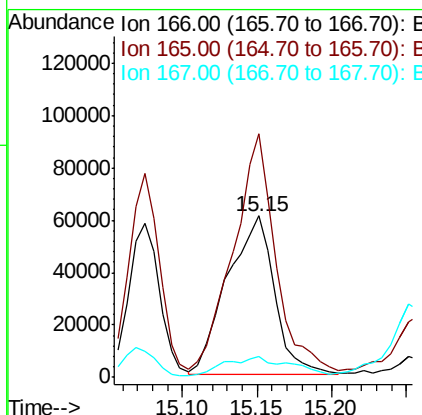
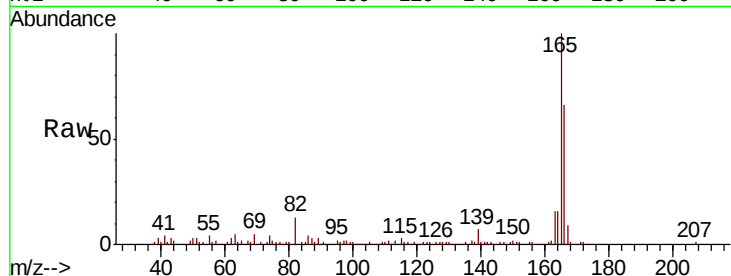
#58
Fluorene
 Concen: 3.508 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: BN009638.D
 Acq: 07 Feb 2020 08:59

Instrument :
 BNA_N
 ClientSampleId :
 GAT73

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	151.1	76.7	115.1#		
167	13.0	11.1	16.7		

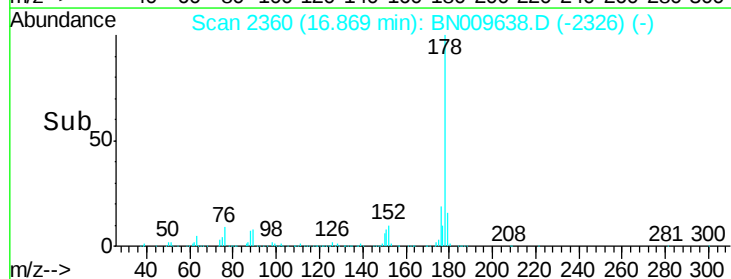
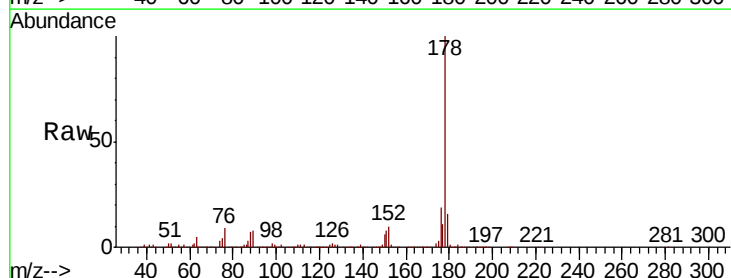
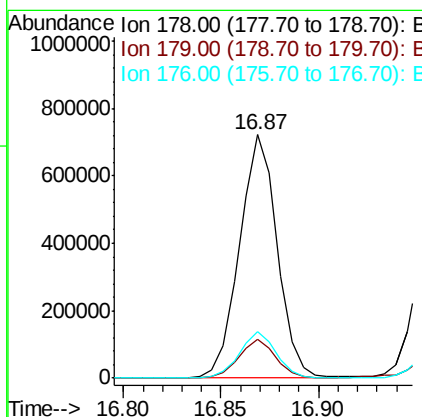
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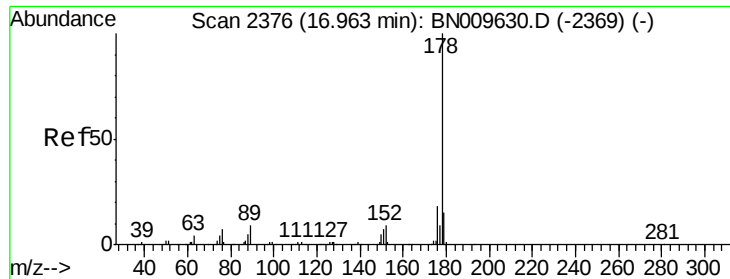
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#69
Phenanthrene
 Concen: 17.165 ng/ul
 RT: 16.87 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BN009638.D
 Acq: 07 Feb 2020 08:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	16.1	12.2	18.2		
176	19.2	14.8	22.2		





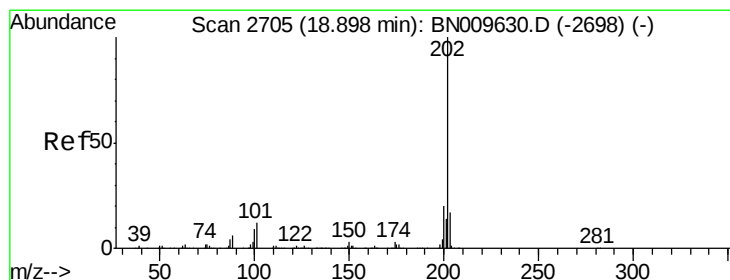
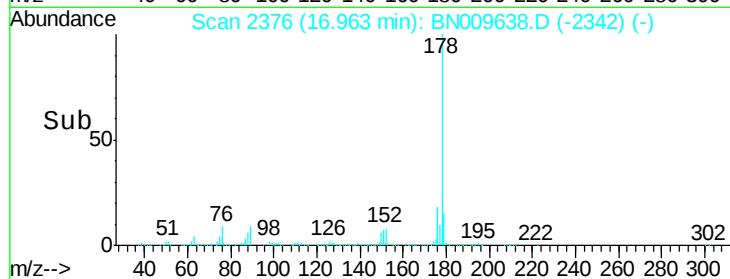
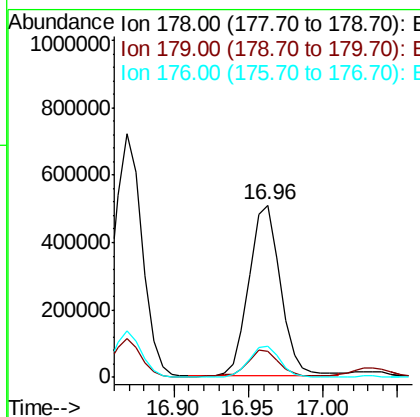
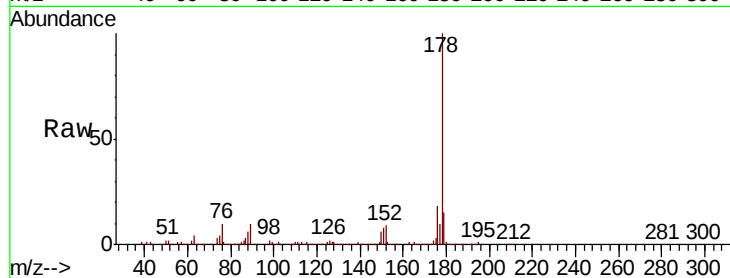
#71
 Anthracene
 Concen: 13.181 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BN009638.D
 Acq: 07 Feb 2020 08:59

Instrument :
 BNA_N
 ClientSampled :
 GAT73

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	14.6	21.8

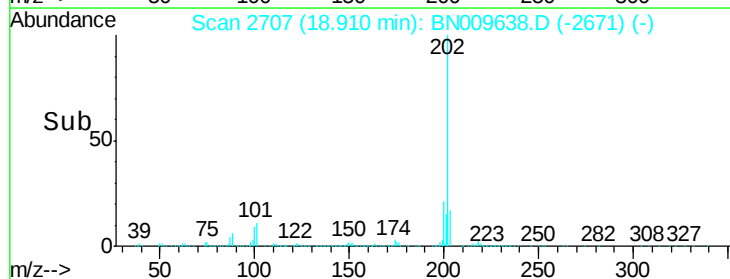
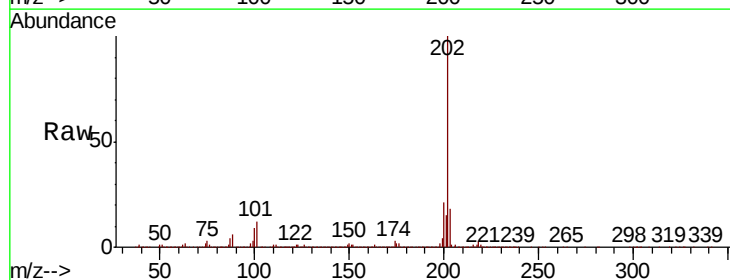
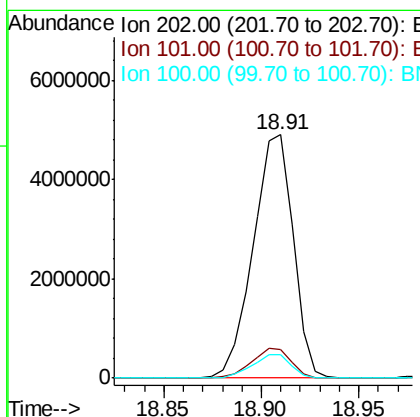
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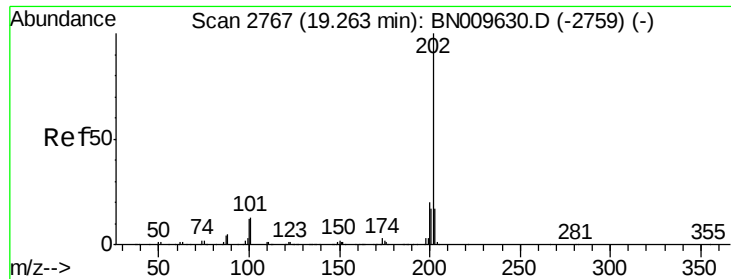
mohammad
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#76
 Fluoranthene
 Concen: 109.671 ng/ul
 RT: 18.91 min Scan# 2707
 Delta R.T. 0.01 min
 Lab File: BN009638.D
 Acq: 07 Feb 2020 08:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.4	6.9	10.3





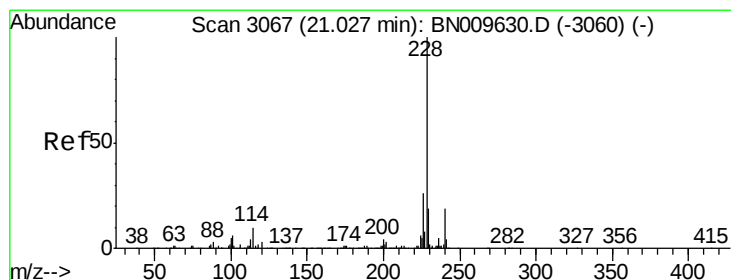
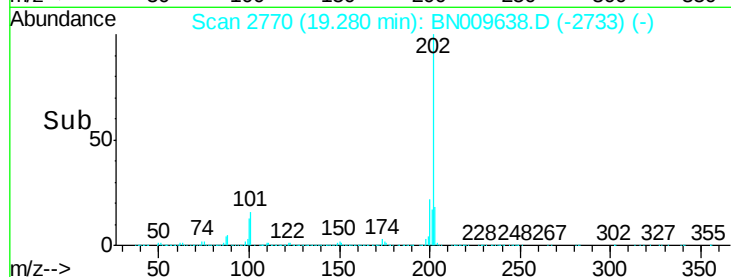
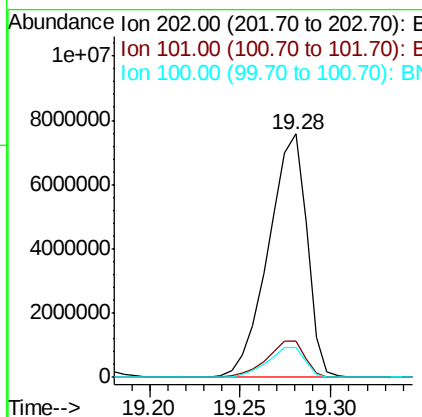
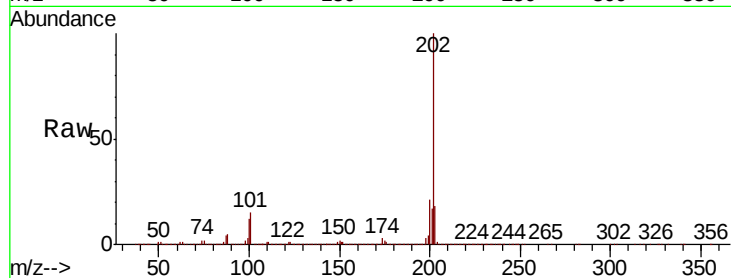
#79
Pvrene
Concen: 184.588 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampled :
GAT73

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.3	15.5
100	12.4	8.4	12.6

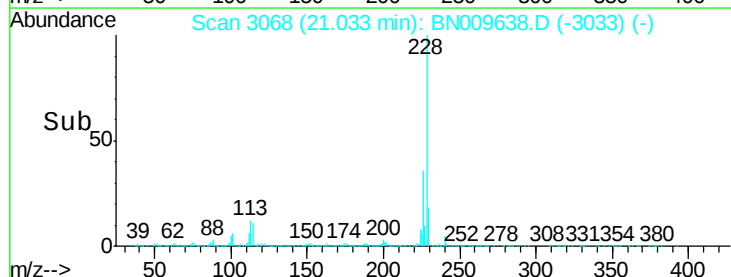
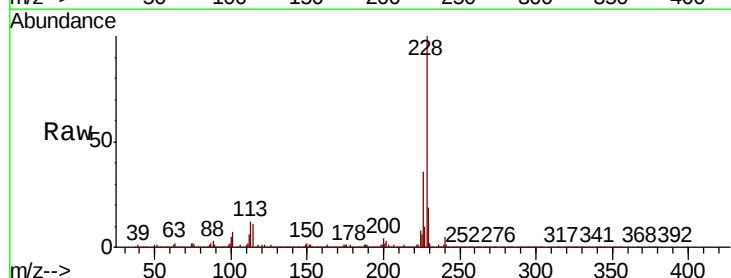
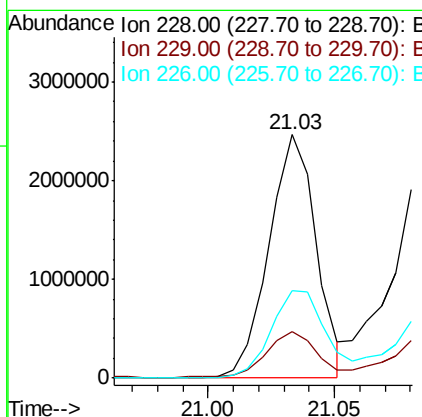
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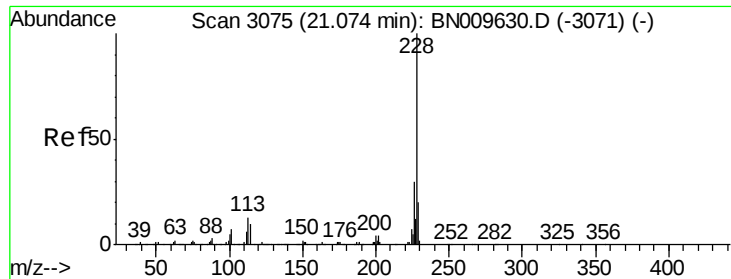
mohammad
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#82
Benzo(a)anthracene
Concen: 55.872 ng/ul m
RT: 21.03 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.0	22.4
226	36.1	20.9	31.3#





#84

Chrysene

Concen: 59.008 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN009638.D

Acq: 07 Feb 2020 08:59

Instrument :

BNA_N

ClientSampleId :

GAT73

Tot Ion:228 Resp: 3371864

Ion Ratio Lower Upper

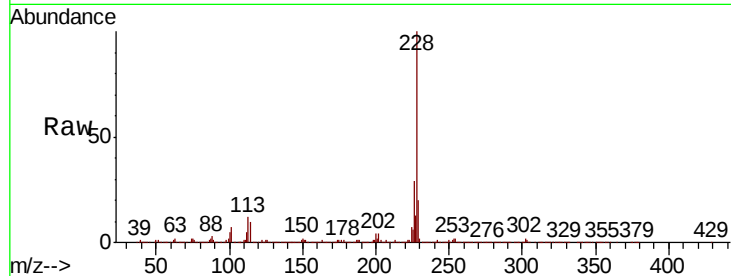
228 100

226 29.2 23.5 35.3

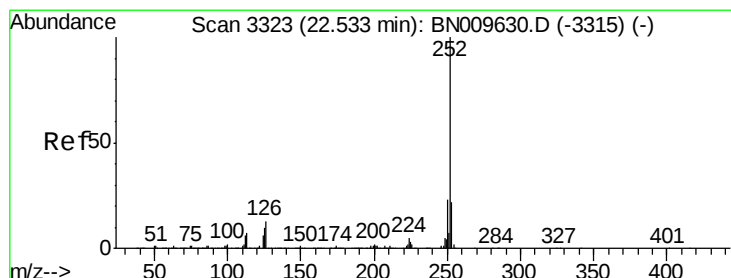
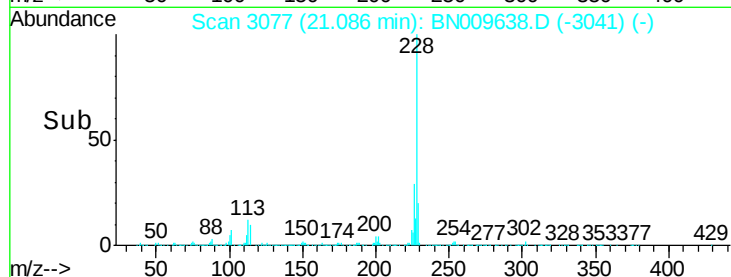
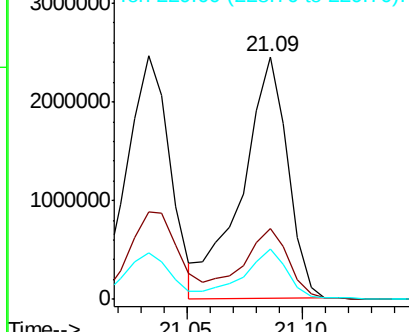
229 20.5 15.8 23.8

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: 46.997 ng/ul

RT: 22.56 min Scan# 3327

Delta R.T. 0.02 min

Lab File: BN009638.D

Acq: 07 Feb 2020 08:59

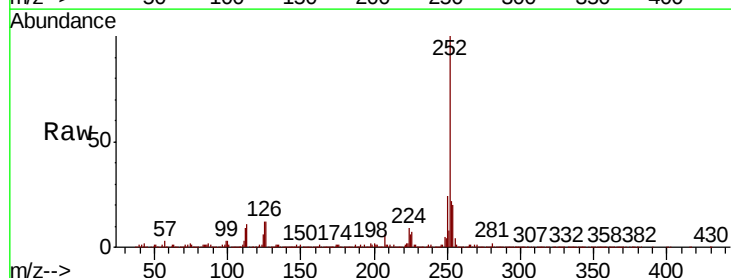
Tgt Ion:252 Resp: 2847042

Ion Ratio Lower Upper

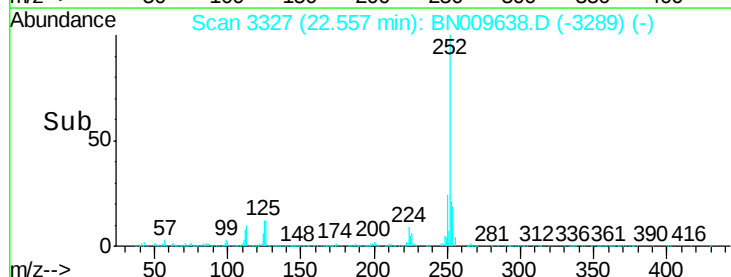
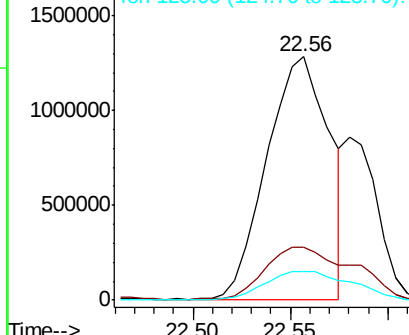
252 100

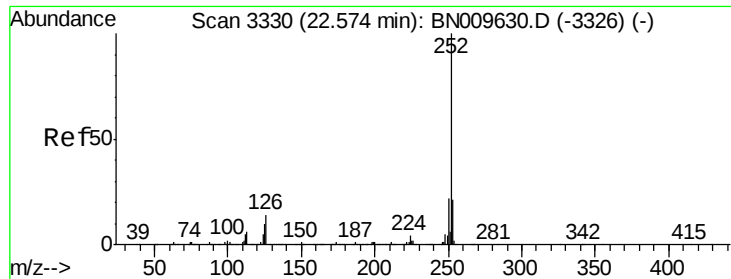
253 21.9 17.0 25.6

125 11.8 8.2 12.2



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





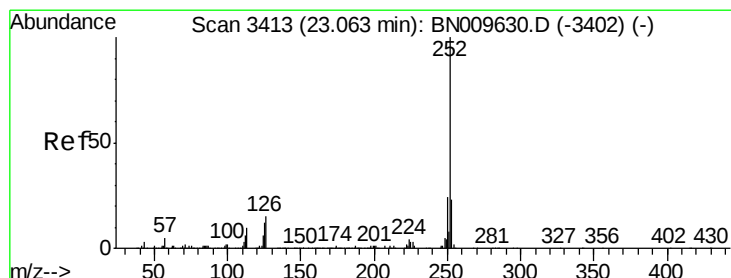
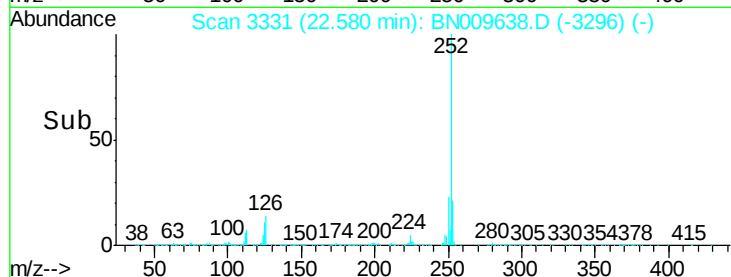
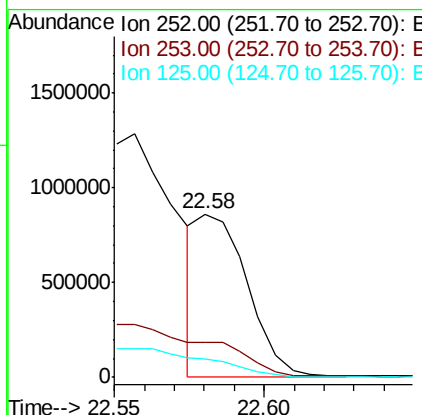
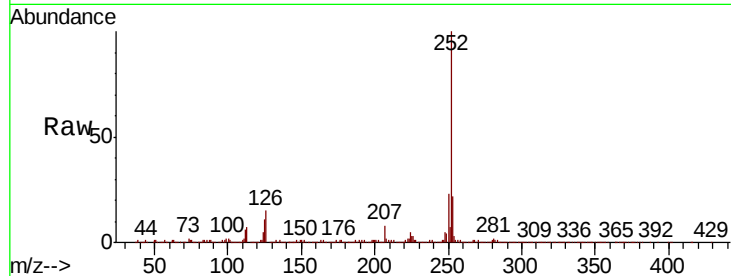
#88
Benzo(k)fluoranthene
Concen: 16.715 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	11.5	8.0	12.0

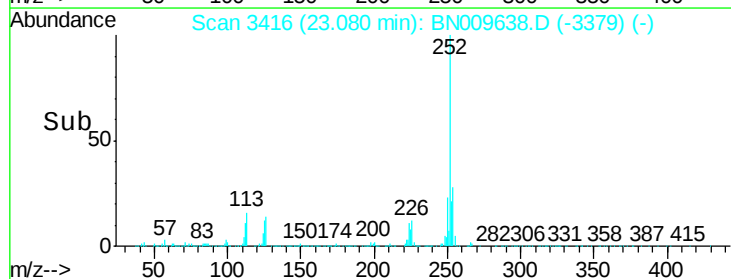
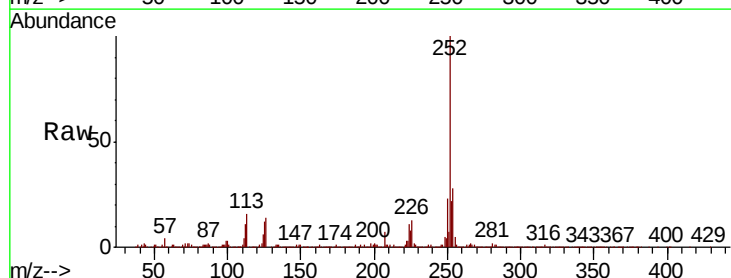
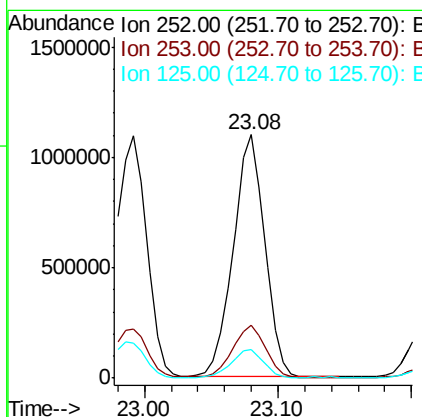
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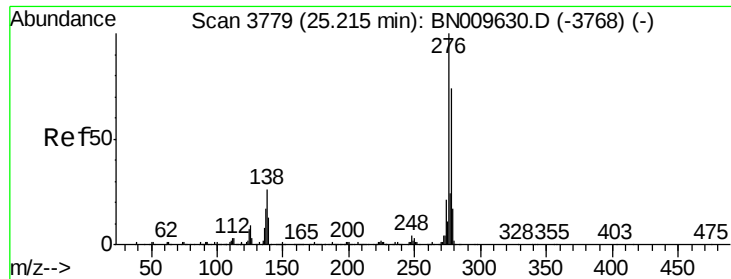
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#90
Benzo(a)pyrene
Concen: 32.173 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	15.8	23.8
125	11.9	8.7	13.1





#91

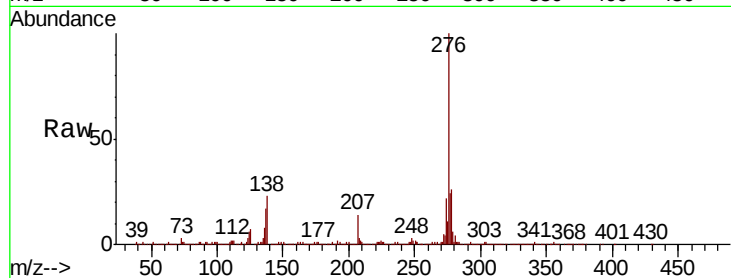
Indeno(1,2,3-cd)pyrene
Concen: 20.563 ng/uL
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	24.0	21.2	31.8

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2/10/2020 8:20:30 AM

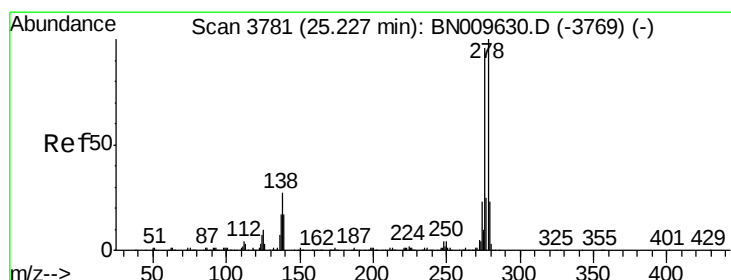
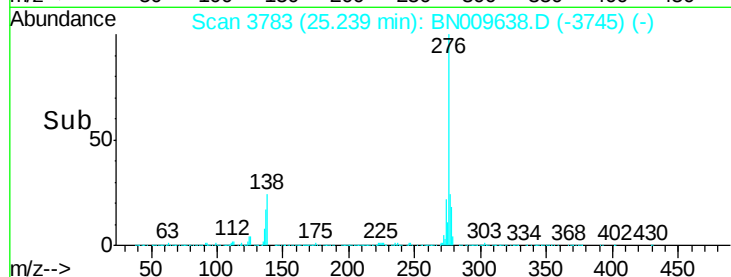
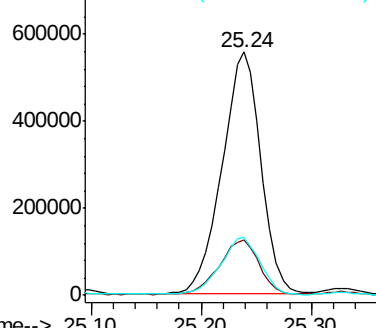


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

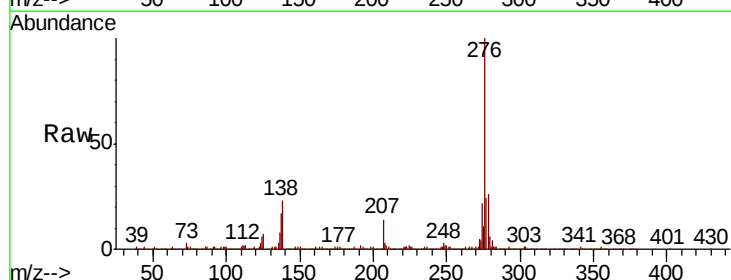
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 7.784 ng/uL
RT: 25.24 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	21.7	19.8	29.8

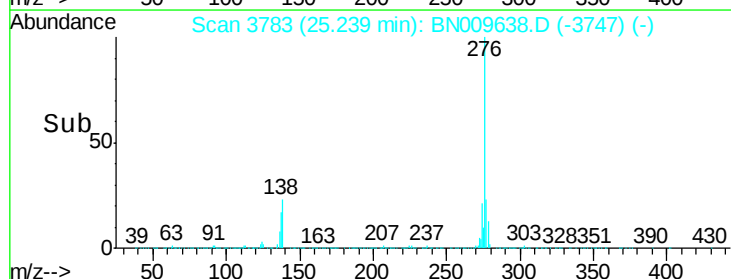
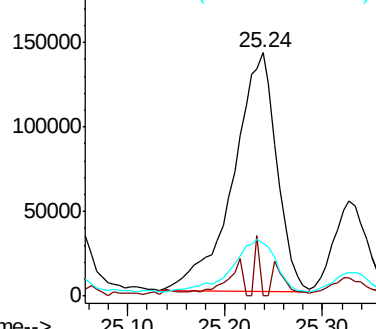


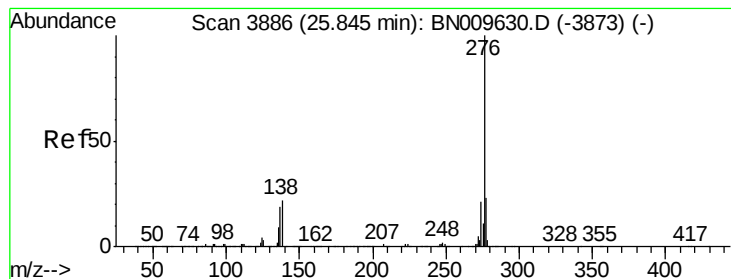
Abundance

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: 24.710 ng/ul

RT: 25.87 min Scan# 3891

Delta R.T. 0.03 min

Lab File: BN009638.D

Acq: 07 Feb 2020 08:59

Instrument :

BNA_N

ClientSampleId :

GAT73

Tot Ion:276 Resp: 1381912

Ion Ratio Lower Upper

276 100

138 21.3 16.0 24.0

277 22.5 17.0 25.6

Manual Integrations

APPROVED

mohammad

2/10/2020 8:20:30 AM

