

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009659.D
 Acq On : 07 Feb 2020 22:49
 Operator : CG/JU
 Sample : L1401-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6J7

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:24:01 AM

Quant Time: Feb 08 01:32:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 23:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	145713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	628667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	379412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	793453	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	750867	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	756678	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	9350	2.63	ng/uL	0.00
5) Phenol-d5	6.63	99	185943	14.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	130453	15.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	145056	15.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	140802	13.91	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	69685	14.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	76332	14.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	134847	13.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	179100	17.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	429910	15.52	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	517346	15.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	50613	9.68	ng/ul	0.00
57) Fluorene-d10	15.07	176	376581	15.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	48493	9.79	ng/ul	0.00
70) Anthracene-d10	16.92	188	556473	15.43	ng/ul	0.00
78) Pyrene-d10	19.23	212	624727	15.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	623823	16.74	ng/ul	0.00

Target Compounds				Ovalue		
44) Dimethylphthalate	13.55	163	31519	1.072	ng/ul#	94
69) Phenanthrene	16.86	178	326170	7.208	ng/ul	98
71) Anthracene	16.96	178	65407	1.425	ng/ul	100
76) Fluoranthene	18.89	202	522259	10.113	ng/ul	99
79) Pyrene	19.26	202	462739	8.442	ng/ul	97
82) Benzo(a)anthracene	21.02	228	247299	4.770	ng/ul	99
84) Chrysene	21.07	228	228608	4.429	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	314967	6.653	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	82781m	1.776	ng/ul	
90) Benzo(a)pyrene	23.06	252	203820	4.647	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	132163	2.534	ng/ul	93
93) Benzo(g,h,i)perylene	25.84	276	124287	2.844	ng/ul	95

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

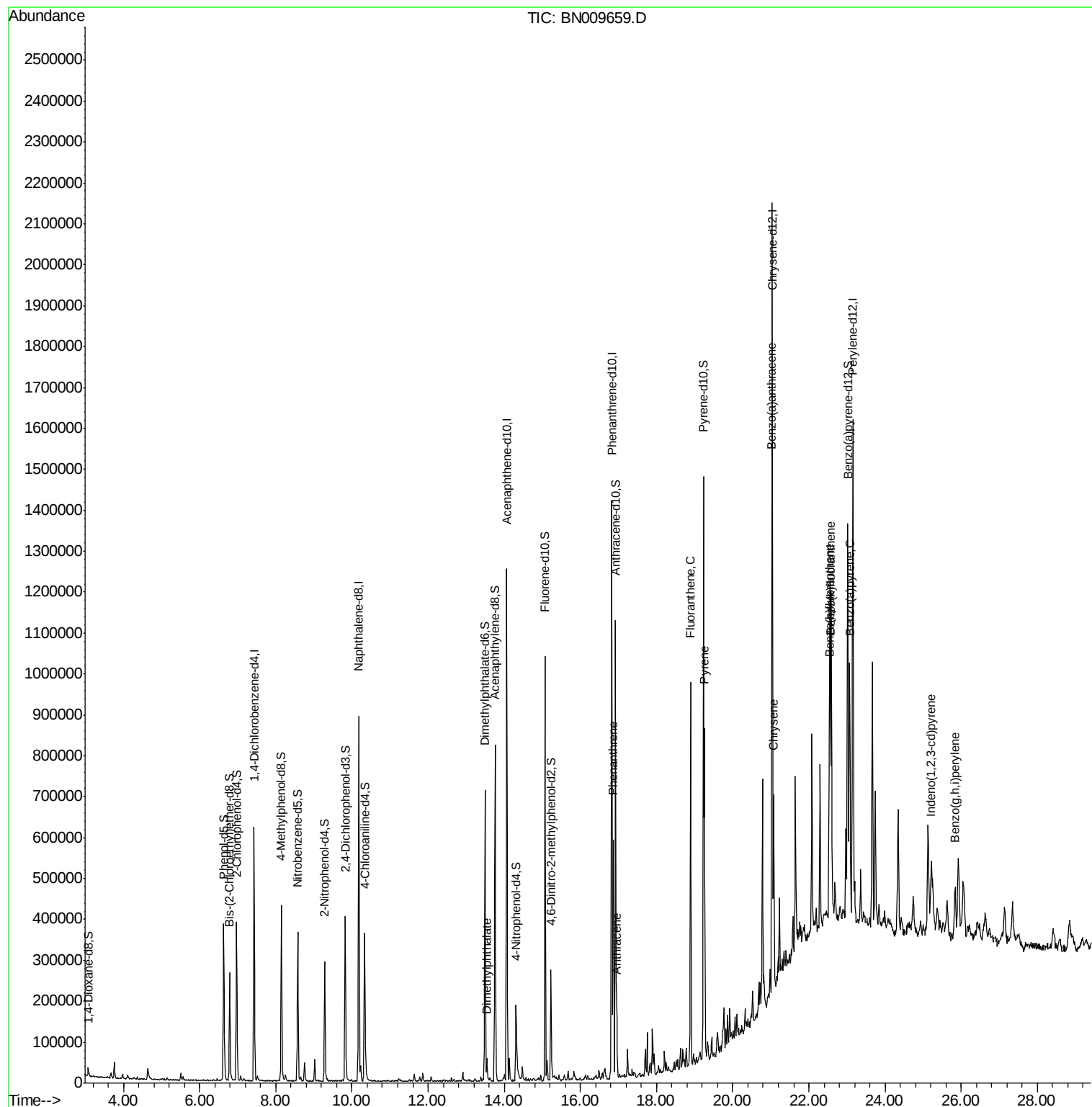
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009659.D
Acq On : 07 Feb 2020 22:49
Operator : CG/JU
Sample : L1401-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

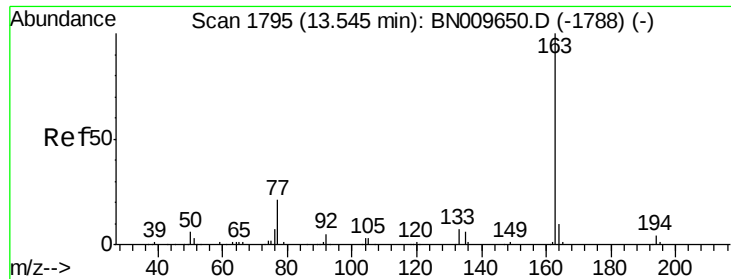
Instrument :
BNA_N
ClientSampleId :
CB6J7

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Quant Time: Feb 08 01:32:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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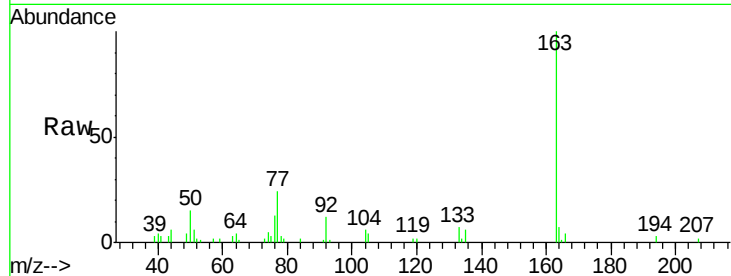
#44
Dimethylphthalate
Concen: 1.072 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampleId :
CB6J7

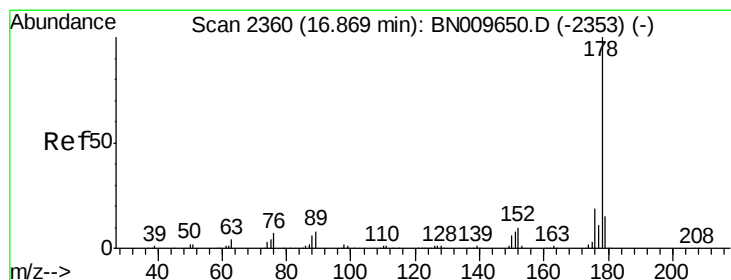
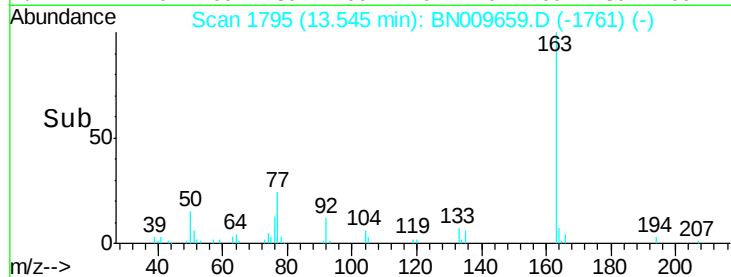
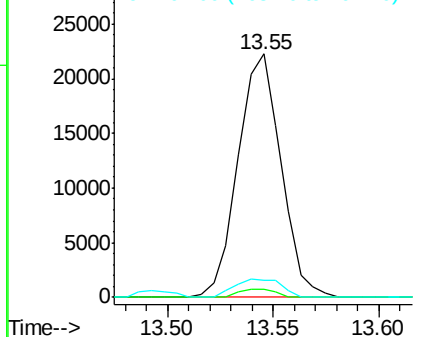
Tot Ion	Ratio	Resp	Lower	Upper
163	100	31519		
194	3.4		3.5	5.3#
164	7.3		8.0	12.0#

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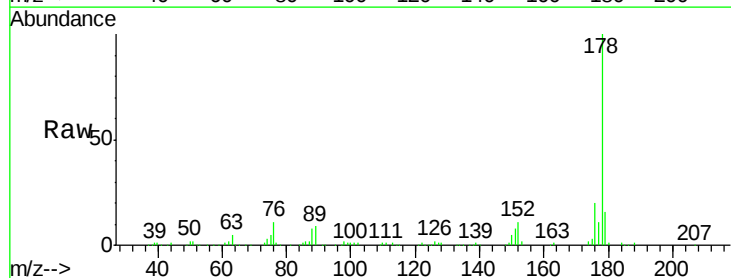


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

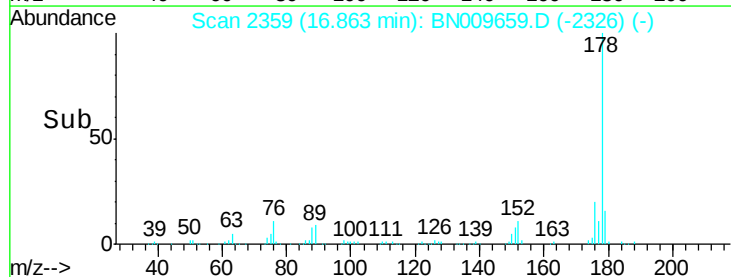
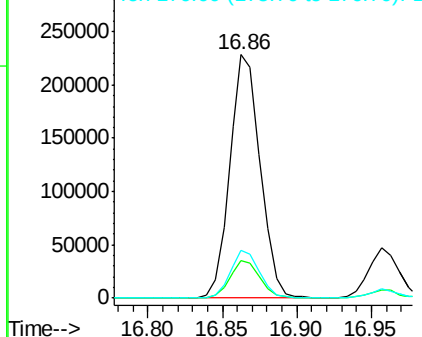


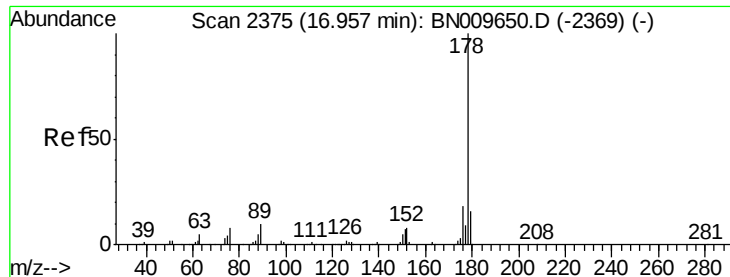
#69
Phenanthrene
Concen: 7.208 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	326170		
179	15.6		12.2	18.2
176	19.9		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





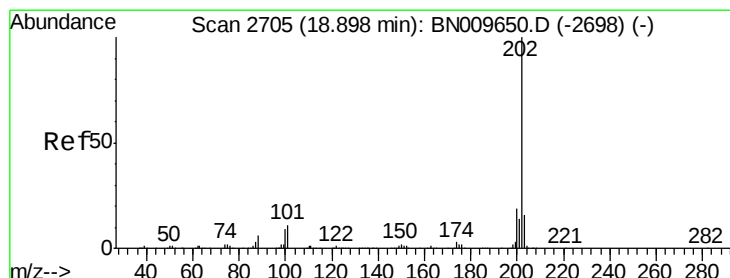
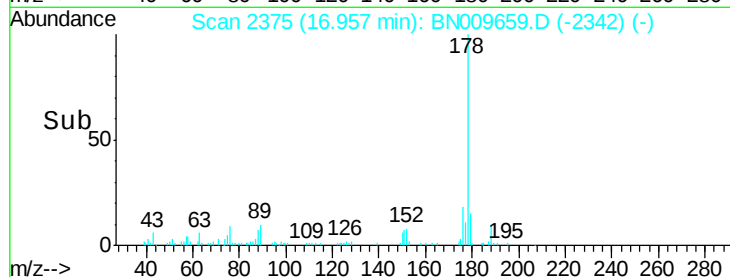
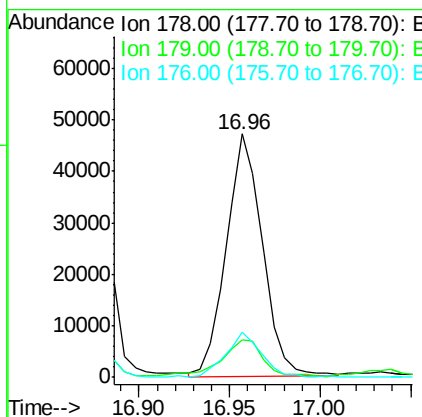
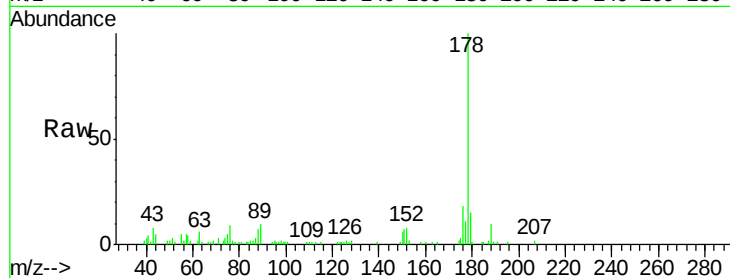
#71
 Anthracene
 Concen: 1.425 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009659.D
 Acq: 07 Feb 2020 22:49

Instrument :
 BNA_N
 ClientSampleId :
 CB6J7

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

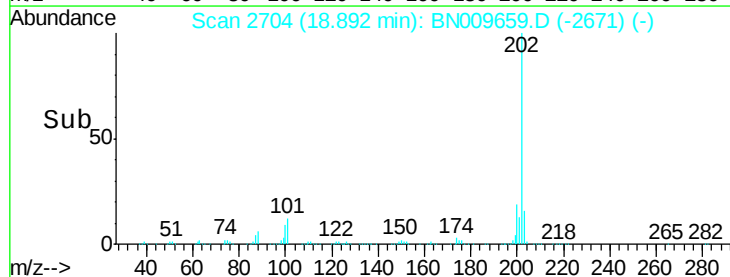
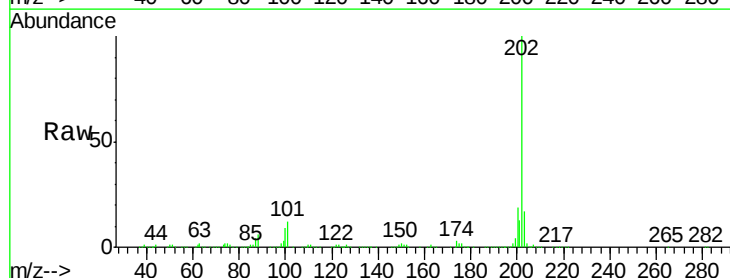
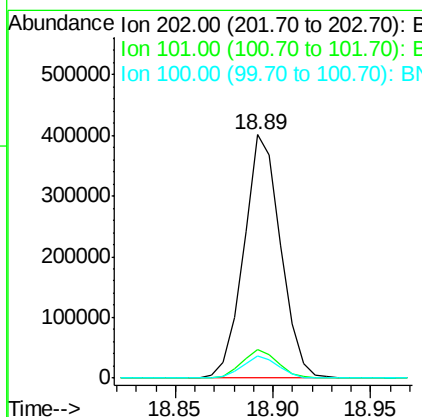
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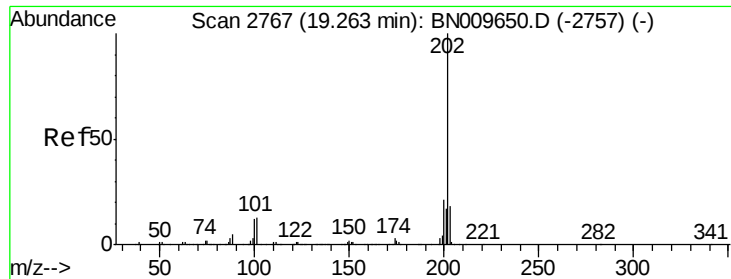
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#76
 Fluoranthene
 Concen: 10.113 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009659.D
 Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.0	6.9	10.3





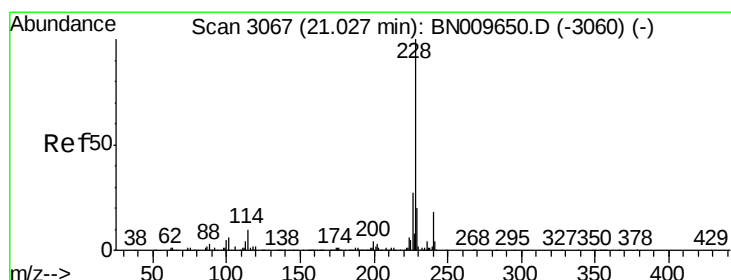
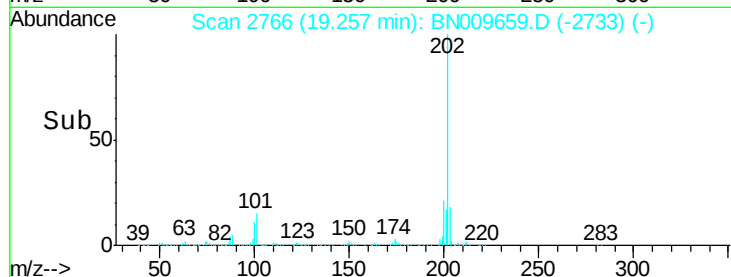
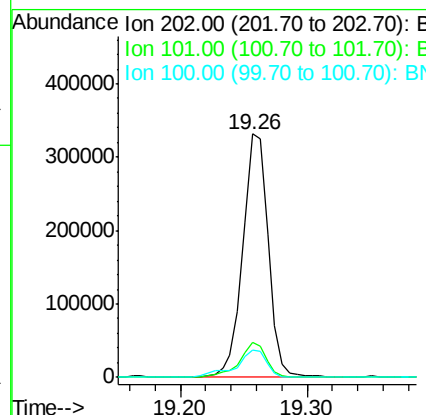
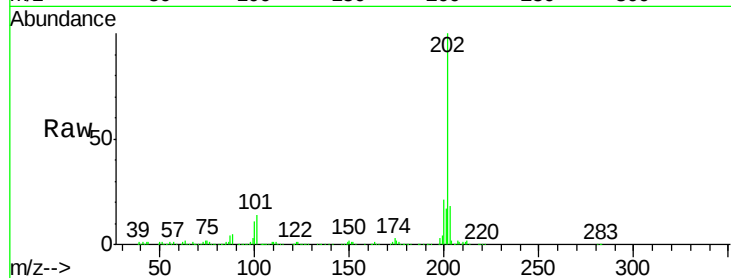
#79
Pvrene
Concen: 8.442 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampleId :
CB6J7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	10.3	15.5
100	11.4	8.4	12.6

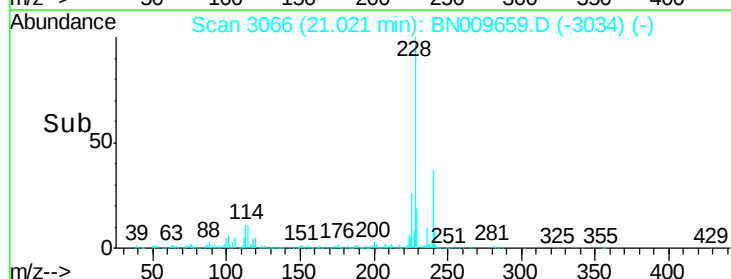
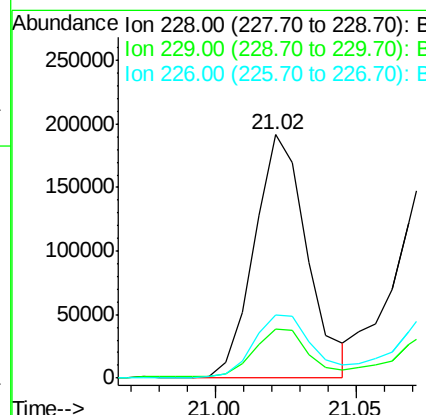
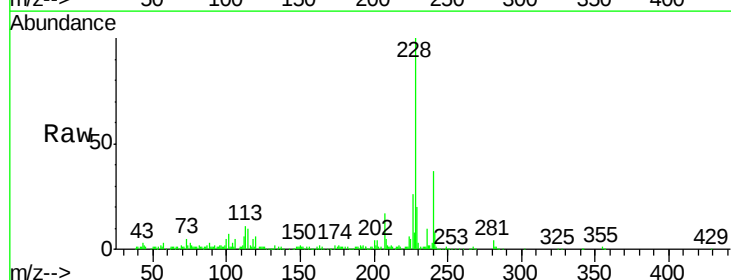
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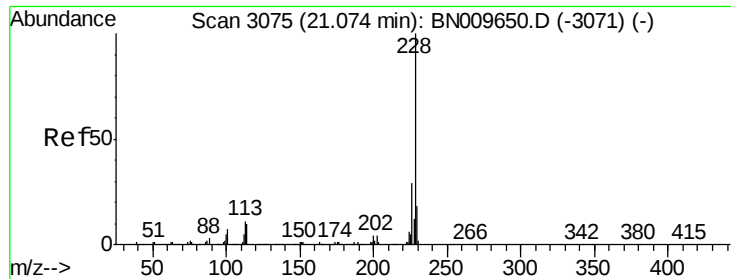
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#82
Benzo(a)anthracene
Concen: 4.770 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	15.0	22.4
226	25.9	20.9	31.3





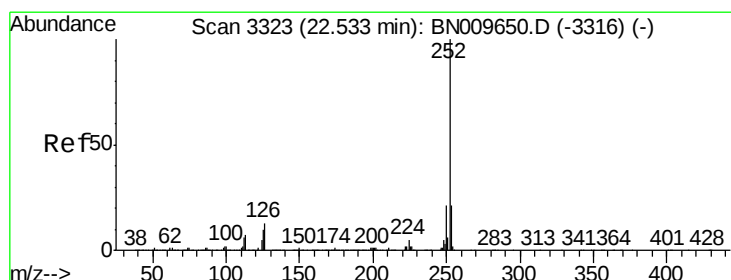
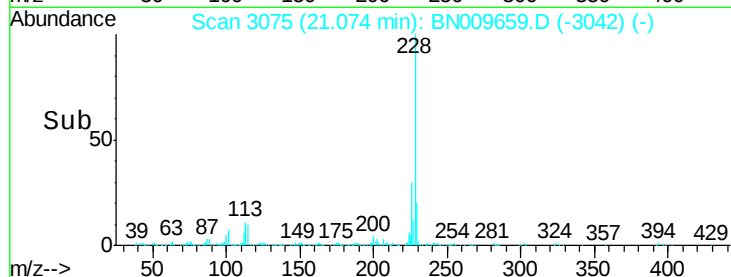
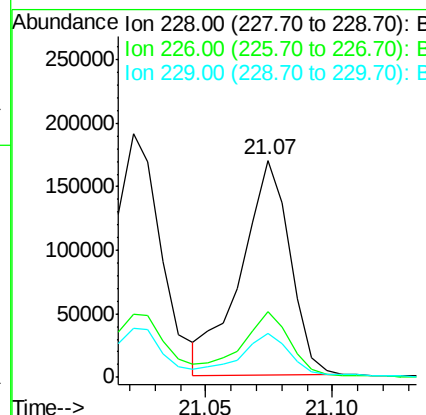
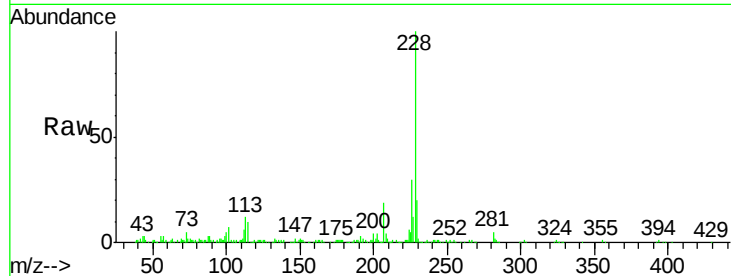
#84
Chrysene
Concen: 4.429 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampled :
CB6J7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.5	15.8	23.8

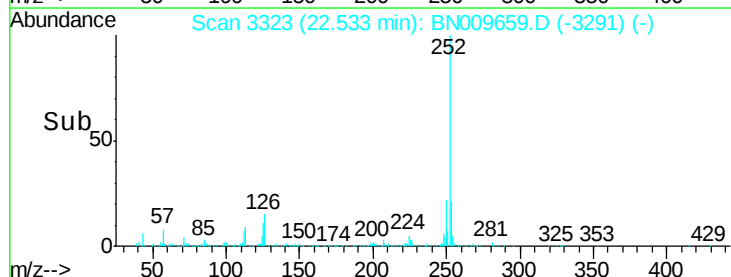
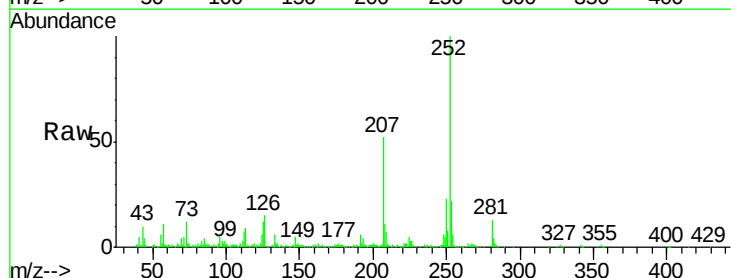
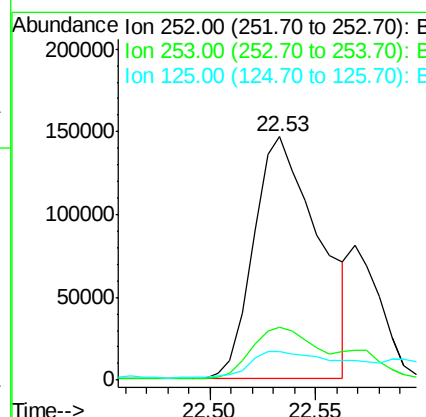
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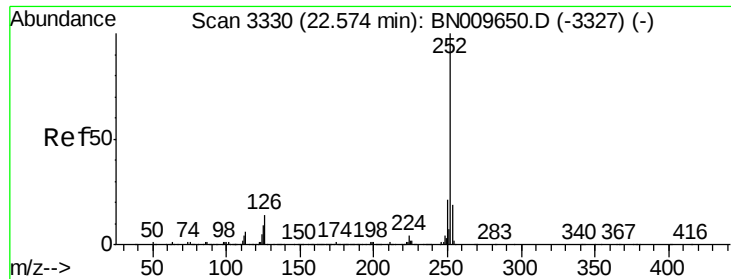
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#87
Benzo(b)fluoranthene
Concen: 6.653 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.7	8.2	12.2





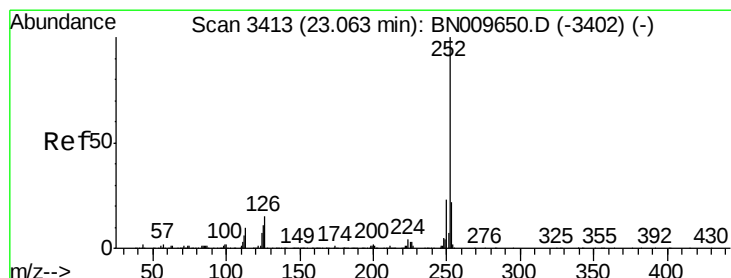
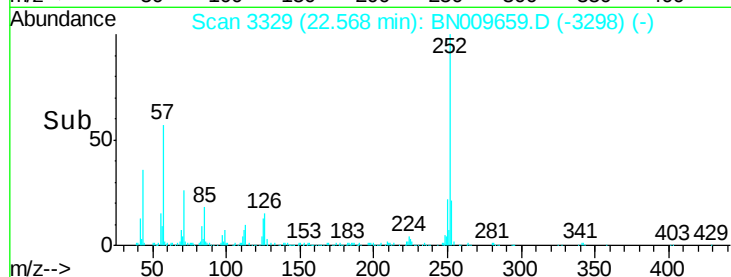
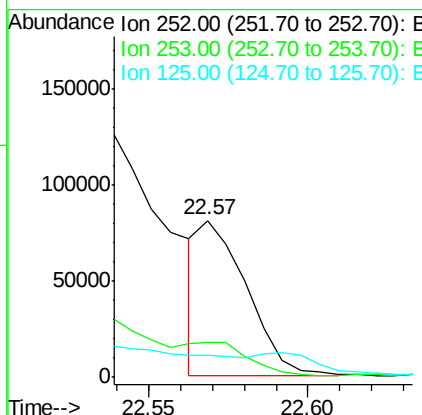
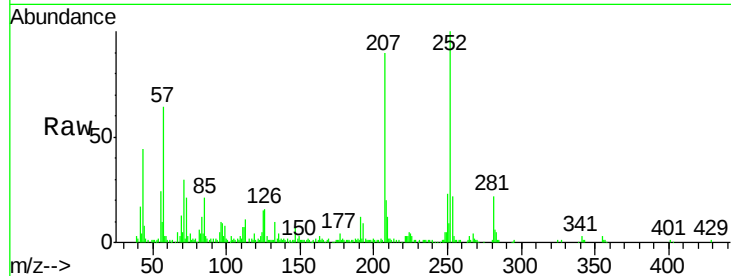
#88
Benzo(k)fluoranthene
Concen: 1.776 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.02 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampleId :
CB6J7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	14.5	8.0	12.0

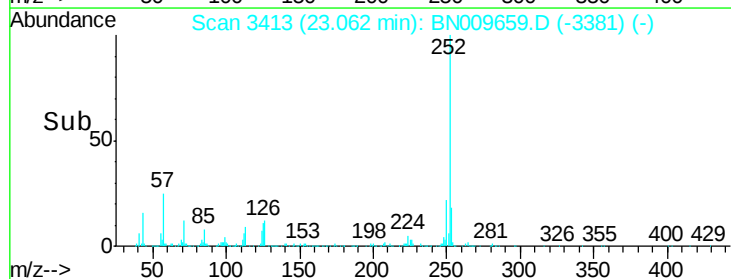
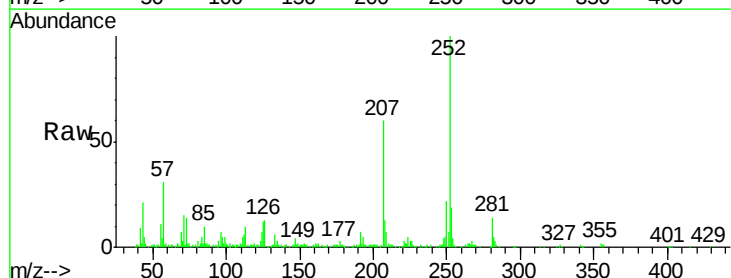
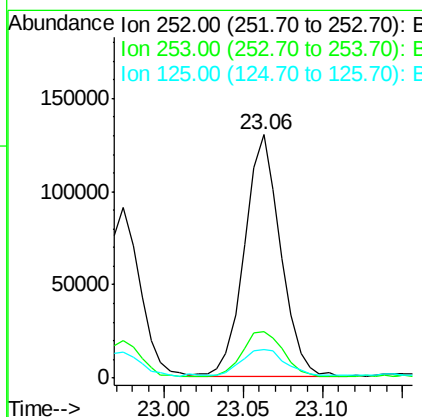
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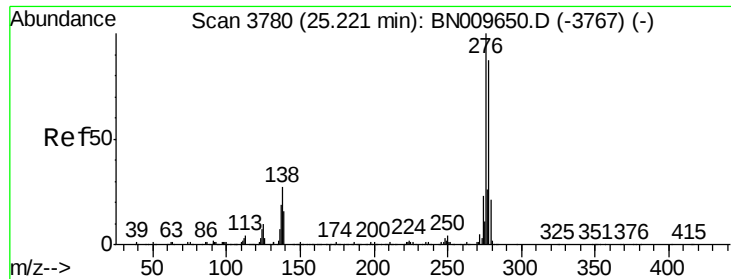
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#90
Benzo(a)pyrene
Concen: 4.647 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	15.8	23.8
125	11.9	8.7	13.1





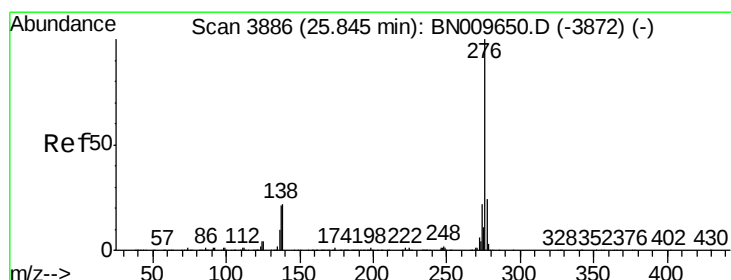
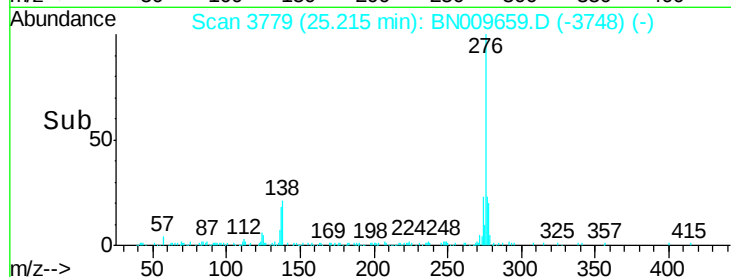
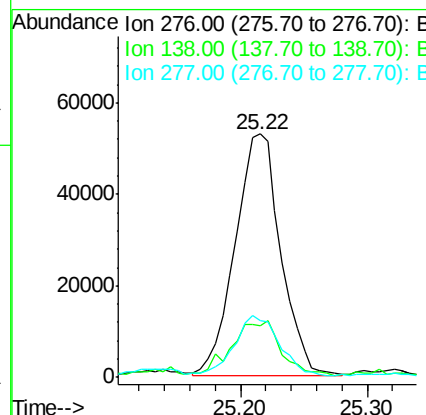
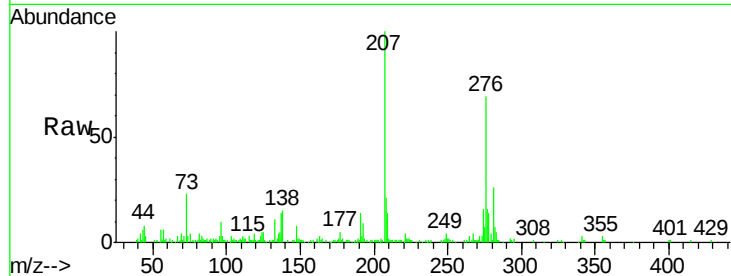
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.534 ng/ul
 RT: 25.22 min Scan# 3779
 Delta R.T. -0.02 min
 Lab File: BN009659.D
 Acq: 07 Feb 2020 22:49

Instrument :
 BNA_N
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 CB6J7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	132163		
138	21.1	20.3	30.5	
277	23.2	21.2	31.8	

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 2.844 ng/ul
 RT: 25.84 min Scan# 3885
 Delta R.T. -0.02 min
 Lab File: BN009659.D
 Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	124287		
138	23.2	16.0	24.0	
277	22.7	17.0	25.6	

