

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005987.D
 Acq On : 31 May 2019 19:28
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4259

Manual Integrations
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Quant Time: Jun 01 02:20:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	457835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1759747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	862890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1730796	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1437331	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1658202	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	57159	5.49	ng/uL	0.01
5) Phenol-d5	6.92	99	1063947	26.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	619336	26.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	874214	28.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	725582	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	410312	36.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	444289	42.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	759819	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	265124	8.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1998382	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2527642	31.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	271021	23.41	ng/ul	0.00
57) Fluorene-d10	15.40	176	1657579	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	127177	18.03	ng/ul	0.00
70) Anthracene-d10	17.25	188	2400290	32.58	ng/ul	0.00
78) Pyrene-d10	19.56	212	2440527	33.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.54	264	2385680	32.24	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.85	163	818435	12.873	ng/ul	100
69) Phenanthrene	17.20	178	280950	3.276	ng/ul	100
76) Fluoranthene	19.23	202	609590	6.659	ng/ul	96
79) Pyrene	19.59	202	547189	6.010	ng/ul	98
82) Benzo(a)anthracene	21.36	228	265707	2.941	ng/ul#	90
84) Chrysene	21.41	228	305807	3.629	ng/ul#	92
87) Benzo(b)fluoranthene	22.99	252	462649	4.967	ng/ul#	74
88) Benzo(k)fluoranthene	23.02	252	132749m	1.550	ng/ul	
90) Benzo(a)pyrene	23.58	252	282442	3.216	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	26.01	276	247262	2.399	ng/ul#	87
93) Benzo(g,h,i)perylene	26.73	276	248961	2.868	ng/ul#	77

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

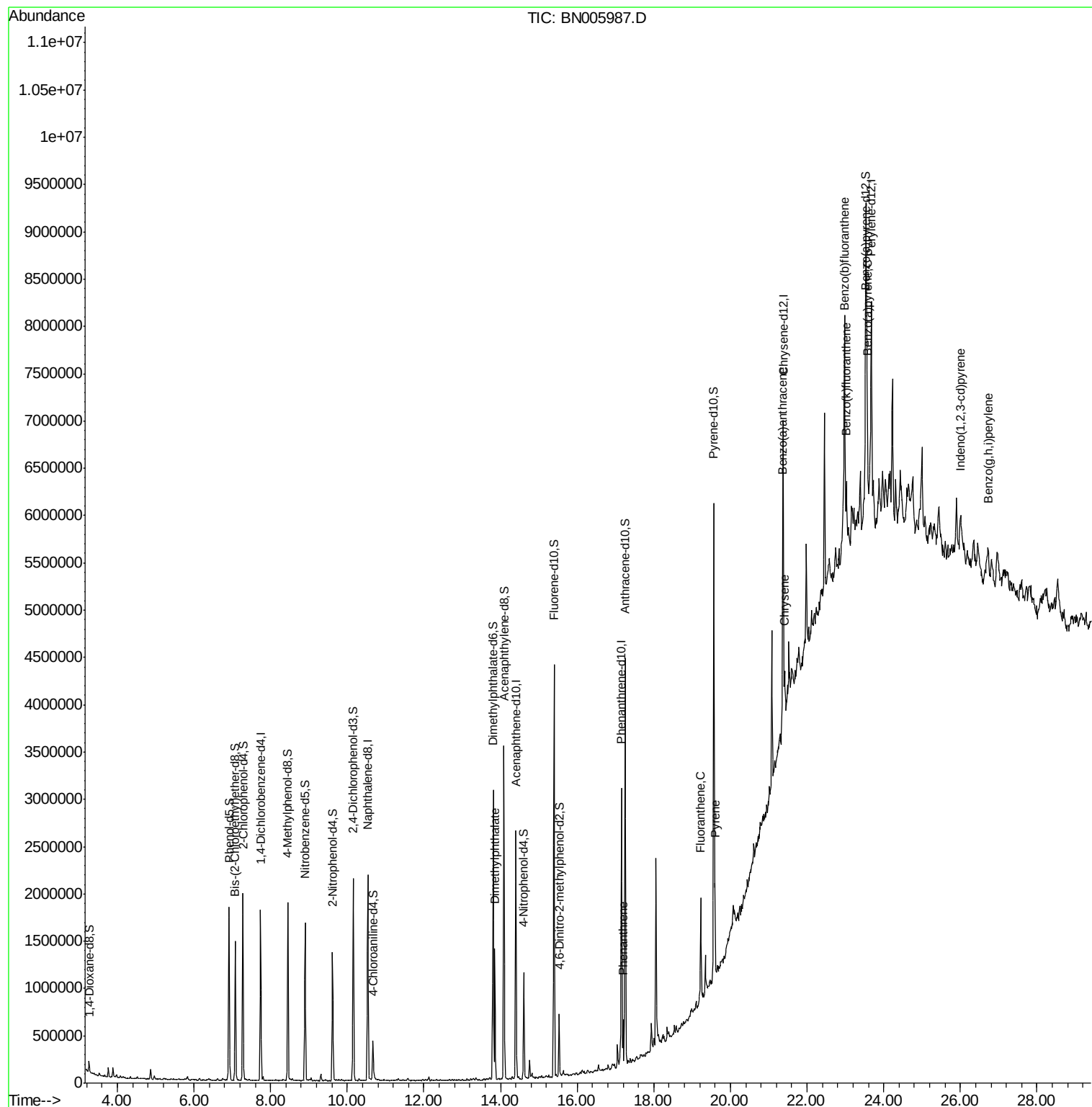
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
Data File : BN005987.D
Acq On : 31 May 2019 19:28
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

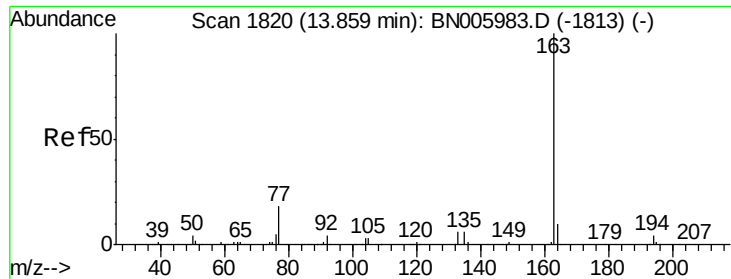
Instrument :
BNA_N
ClientSampled :
A4259

Quant Time: Jun 01 02:20:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

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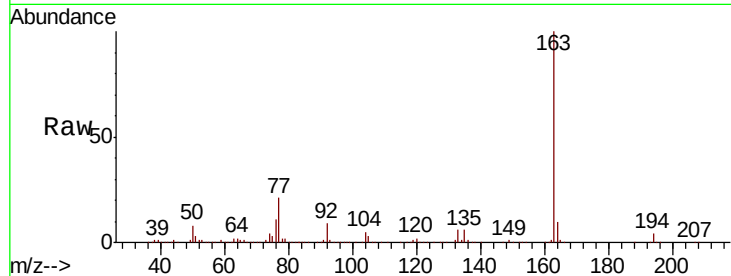
#44
Dimethylphthalate
Concen: 12.873 ng/ul
RT: 13.85 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Instrument :
BNA_N
ClientSampleId :
A4259

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1

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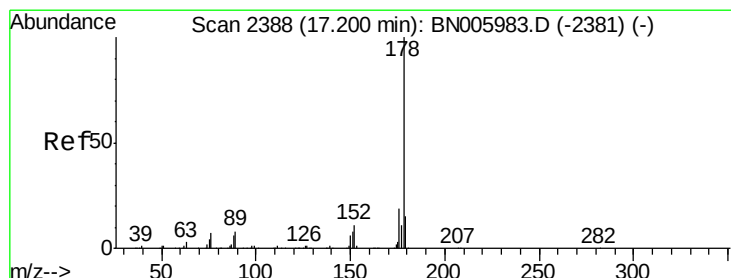
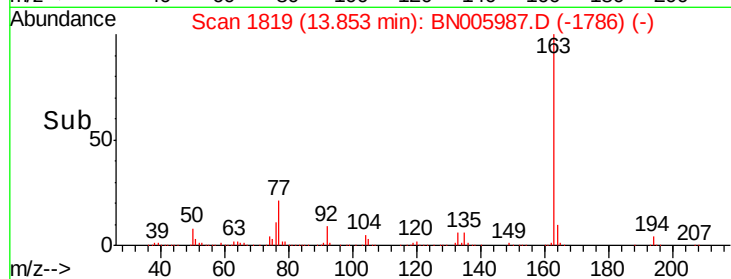
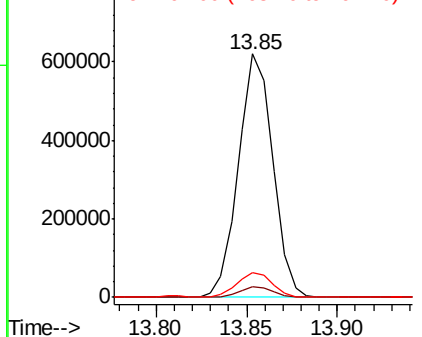


Abundance

Ion 163.00 (162.70 to 163.70): E

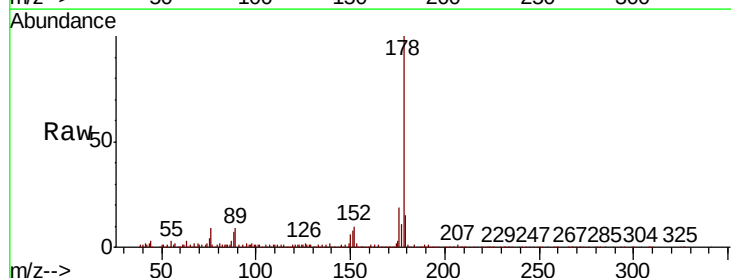
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.276 ng/ul
RT: 17.20 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	15.1	22.7

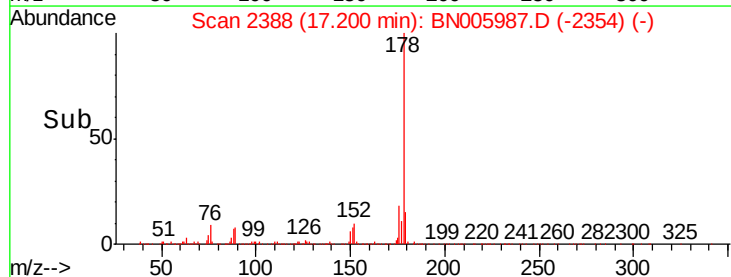
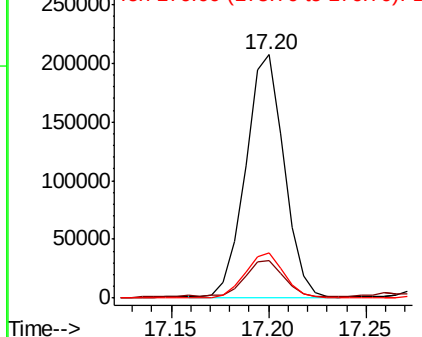


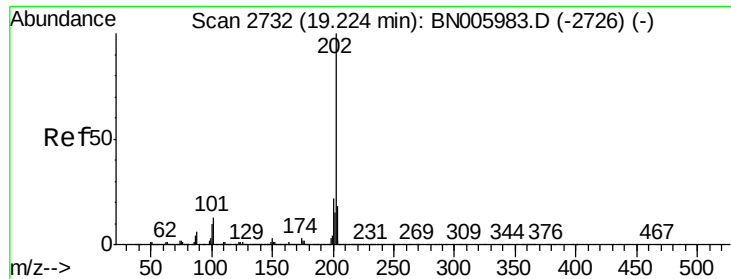
Abundance

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





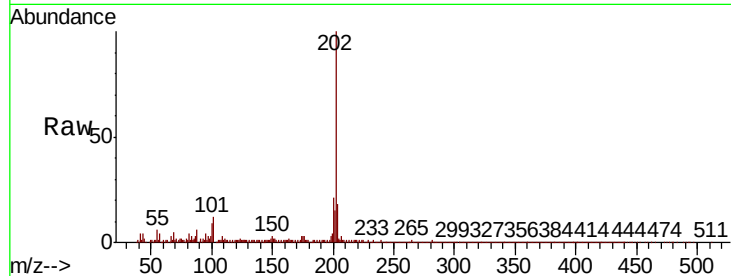
#76
Fluoranthene
Concen: 6.659 ng/ul
RT: 19.23 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Instrument :
BNA_N
ClientSampleId :
A4259

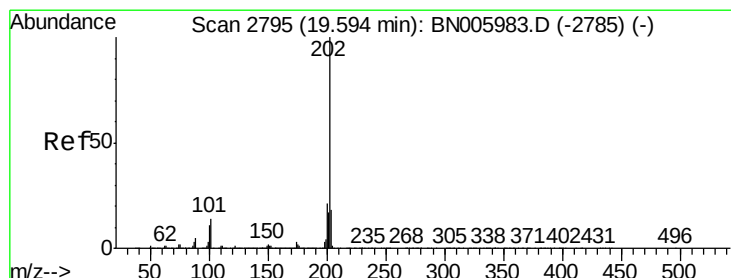
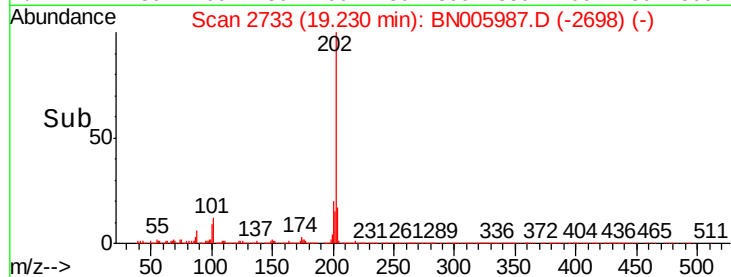
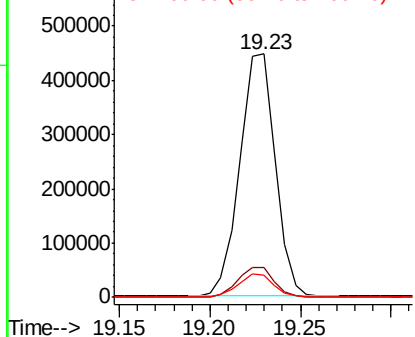
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.3	8.6	12.8	
100	9.0	6.3	9.5	

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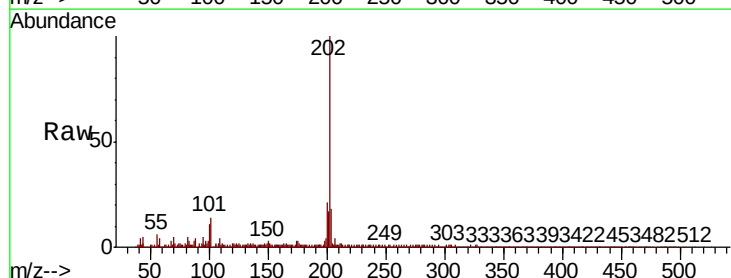


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

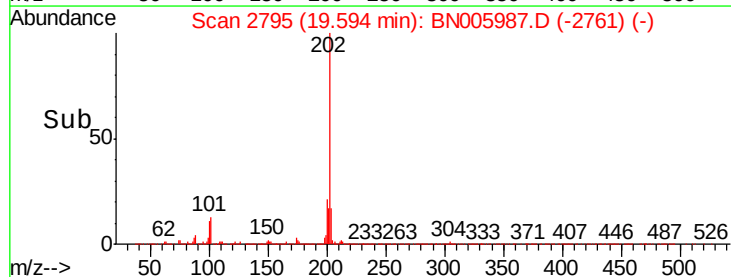
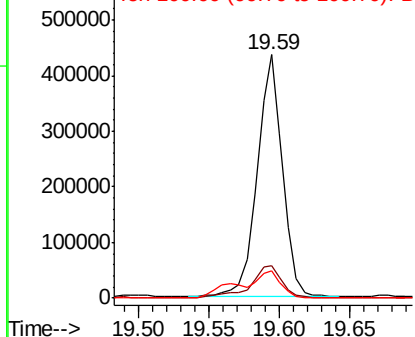


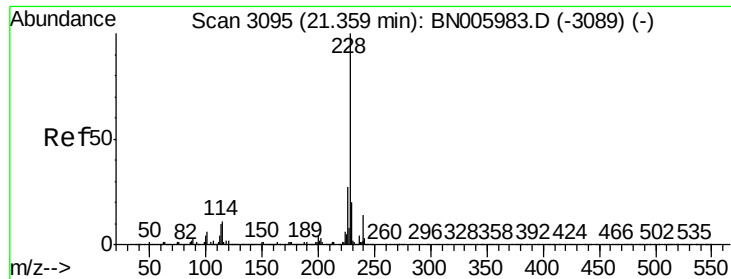
#79
Pyrene
Concen: 6.010 ng/ul
RT: 19.59 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.5	10.3	15.5	
100	11.0	7.9	11.9	



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





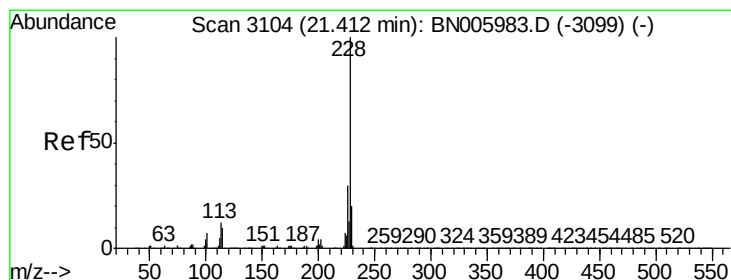
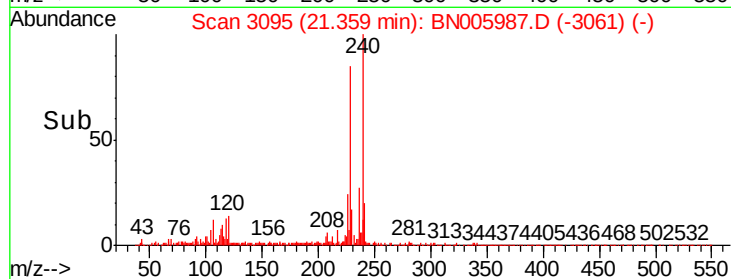
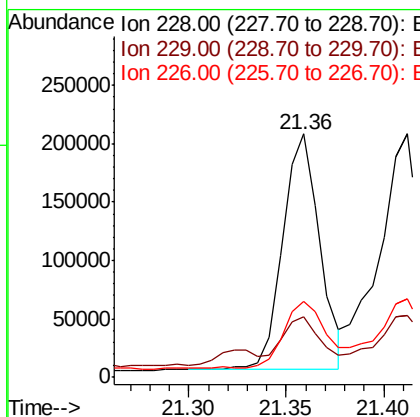
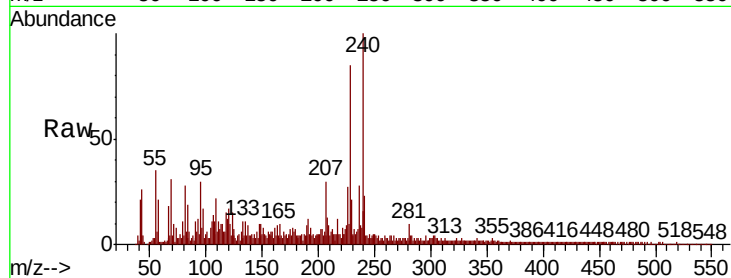
#82
Benzo(a)anthracene
Concen: 2.941 ng/ul
RT: 21.36 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Instrument :
BNA_N
ClientSampleId :
A4259

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.8	23.6#
226	31.1	21.4	32.2

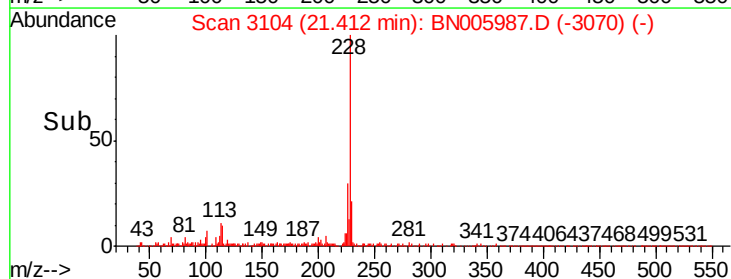
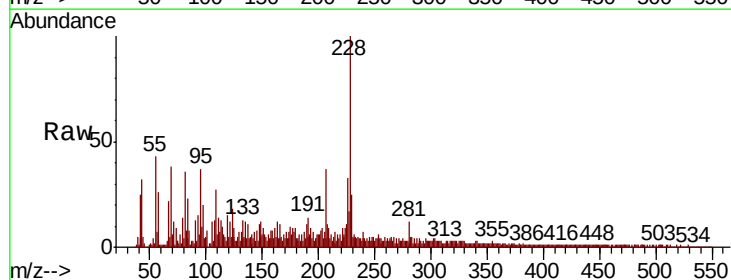
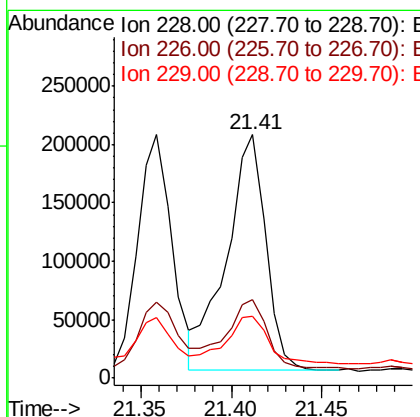
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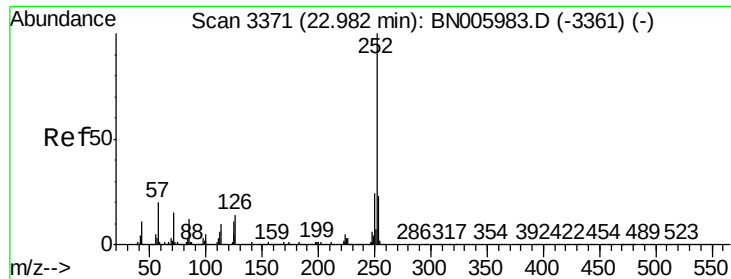
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#84
Chrysene
Concen: 3.629 ng/ul
RT: 21.41 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	25.5	15.4	23.0#





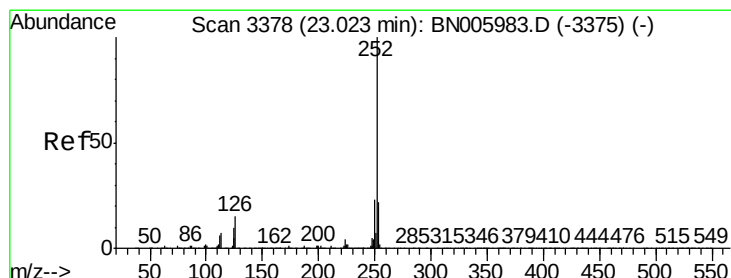
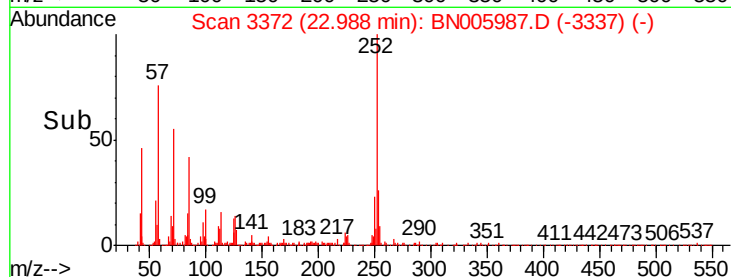
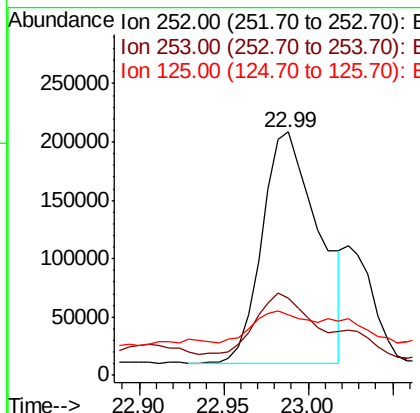
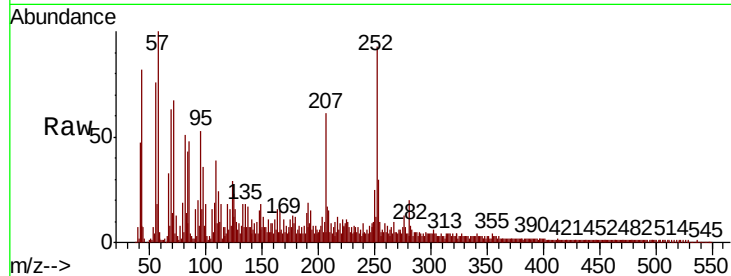
#87
Benzo(b)fluoranthene
Concen: 4.967 ng/ul
RT: 22.99 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Instrument :
BNA_N
ClientSampleId :
A4259

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	31.9	17.7	26.5#	
125	24.9	8.4	12.6#	

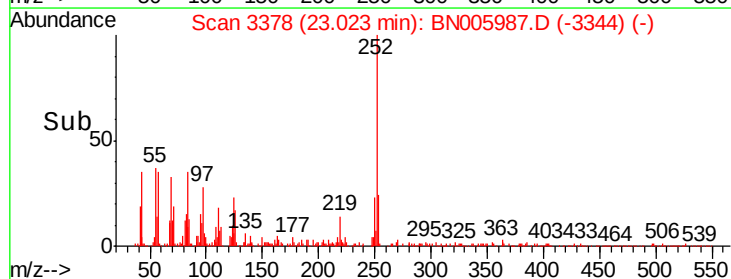
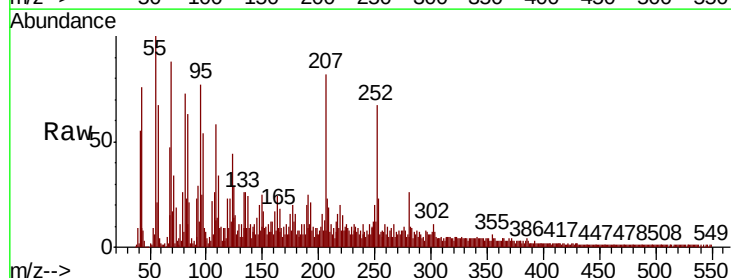
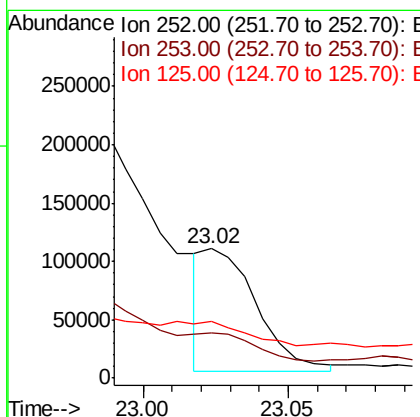
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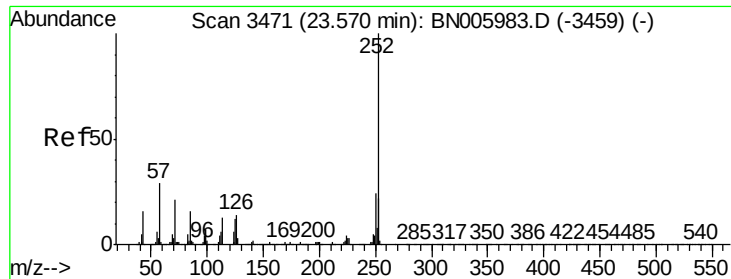
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#88
Benzo(k)fluoranthene
Concen: 1.550 ng/ul m
RT: 23.02 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BN005987.D
Acq: 31 May 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	34.8	17.4	26.0#	
125	43.8	7.5	11.3#	





#90

Benzo(a)pyrene

Concen: 3.216 ng/ul

RT: 23.58 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

Instrument :

BNA_N

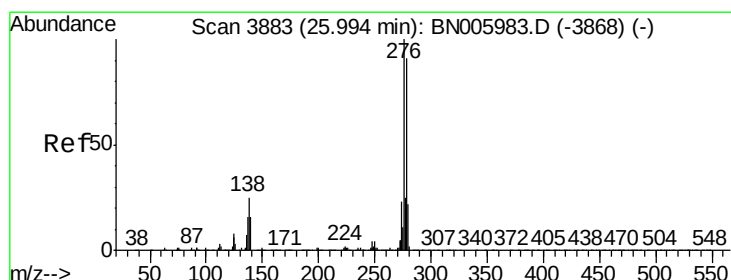
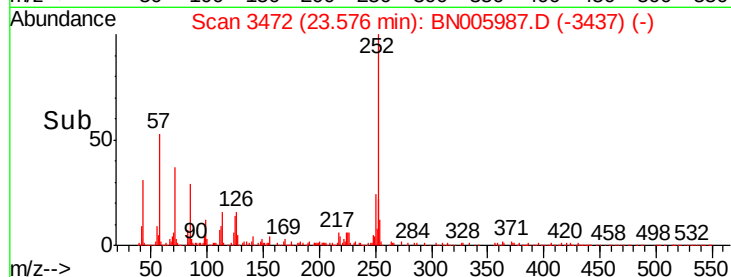
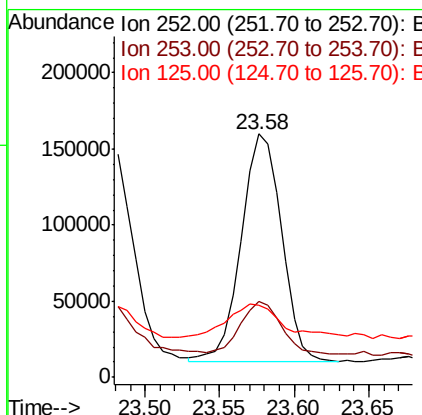
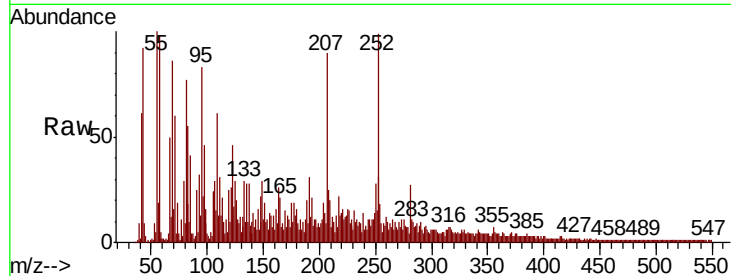
ClientSampleId :

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Tot Ion:	252	Resp:	282442
Ion Ratio	Lower	Upper	
252	100		
253	31.3	17.3	25.9#
125	29.6	8.6	13.0#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.399 ng/ul

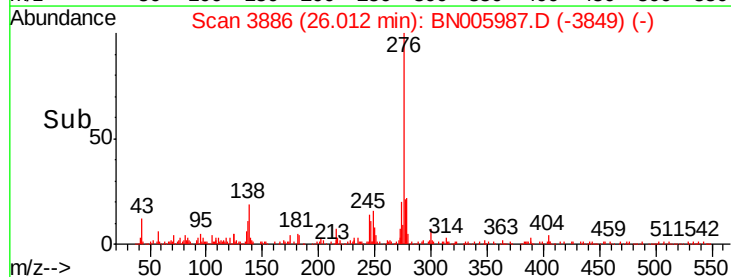
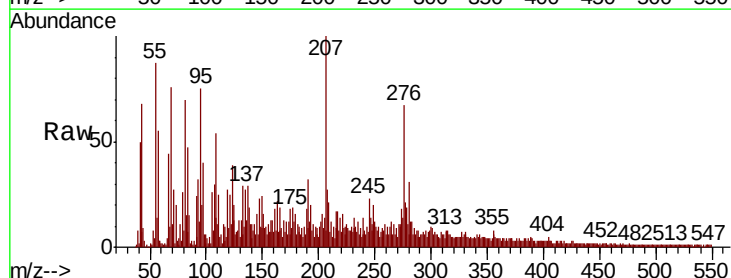
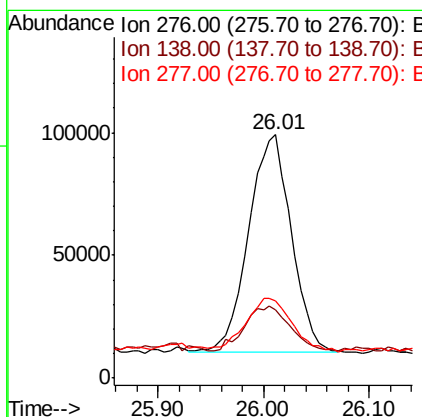
RT: 26.01 min Scan# 3886

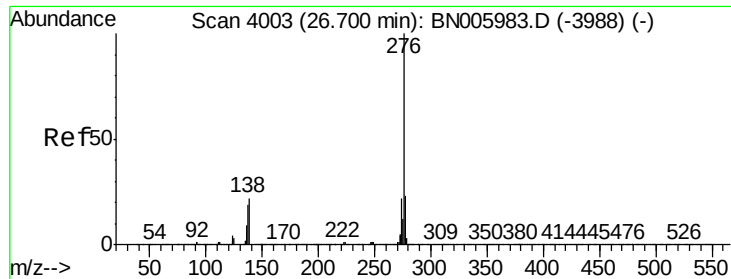
Delta R.T. 0.02 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

Tgt Ion:	276	Resp:	247262
Ion Ratio	Lower	Upper	
276	100		
138	28.0	17.9	26.9#
277	31.6	19.7	29.5#





#93

Benzo(a,h,i)perylene

Concen: 2.868 ng/ul

RT: 26.73 min Scan# 4008

Delta R.T. 0.03 min

Lab File: BN005987.D

Acq: 31 May 2019 19:28

Instrument :

BNA_N

ClientSampleId :

A4259

Tot Ion:	276	Resp:	248961
Ion Ratio	Lower	Upper	
276	100		
138	31.5	16.7	25.1#
277	33.5	18.2	27.2#

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