

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005981.D
 Acq On : 31 May 2019 14:26
 Operator : JU/SJ
 Sample : K2928-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C3

Manual Integrations
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mohammad
 6/5/2019 6:10:43 AM

Quant Time: May 31 15:08:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	543083	20.00	ng/ul	0.01
18) Naphthalene-d8	10.54	136	1992533	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.40	164	936278	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.16	188	1862748	20.00	ng/ul	0.04
77) Chrysene-d12	21.39	240	1556804	20.00	ng/ul	0.06
85) Perylene-d12	23.69	264	1881408	20.00	ng/ul	0.10

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	41431	3.36	ng/uL	0.00
5) Phenol-d5	6.91	99	632179	13.13	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	468926	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	575432	15.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	312723	8.05	ng/ul	0.02
19) Nitrobenzene-d5	8.90	128	282149	22.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.62	143	259600	21.80	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.16	165	451043	16.04	ng/ul	0.03
29) 4-Chloroaniline-d4	10.67	131	465483	12.62	ng/ul	0.03
43) Dimethylphthalate-d6	13.81	166	1340690	19.42	ng/ul	0.03
46) Acenaphthylene-d8	14.09	160	1576835	18.26	ng/ul	0.04
51) 4-Nitrophenol-d4	14.61	143	122187	9.73	ng/ul	0.05
57) Fluorene-d10	15.40	176	1064748	18.39	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.54	200	14295	1.88	ng/ul	0.05
70) Anthracene-d10	17.26	188	1413755	17.83	ng/ul	0.04
78) Pyrene-d10	19.57	212	1465017	18.63	ng/ul	0.05
89) Benzo(a)pyrene-d12	23.55	264	1410404	16.80	ng/ul	0.10

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.85	163	487765	7.070	ng/ul	99
69) Phenanthrene	17.20	178	353850	3.834	ng/ul	100
76) Fluoranthene	19.23	202	429495	4.359	ng/ul#	94
79) Pyrene	19.60	202	383526	3.889	ng/ul	97
82) Benzo(a)anthracene	21.37	228	260380	2.661	ng/ul#	81
84) Chrysene	21.42	228	372668	4.083	ng/ul#	88
87) Benzo(b)fluoranthene	23.00	252	353971	3.350	ng/ul#	84
88) Benzo(k)fluoranthene	23.04	252	126552m	1.303	ng/ul	
90) Benzo(a)pyrene	23.59	252	241020	2.419	ng/ul#	78
91) Indeno(1,2,3-cd)pyrene	26.01	276	169320	1.448	ng/ul#	80
93) Benzo(g,h,i)perylene	26.72	276	148011m	1.503	ng/ul	

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

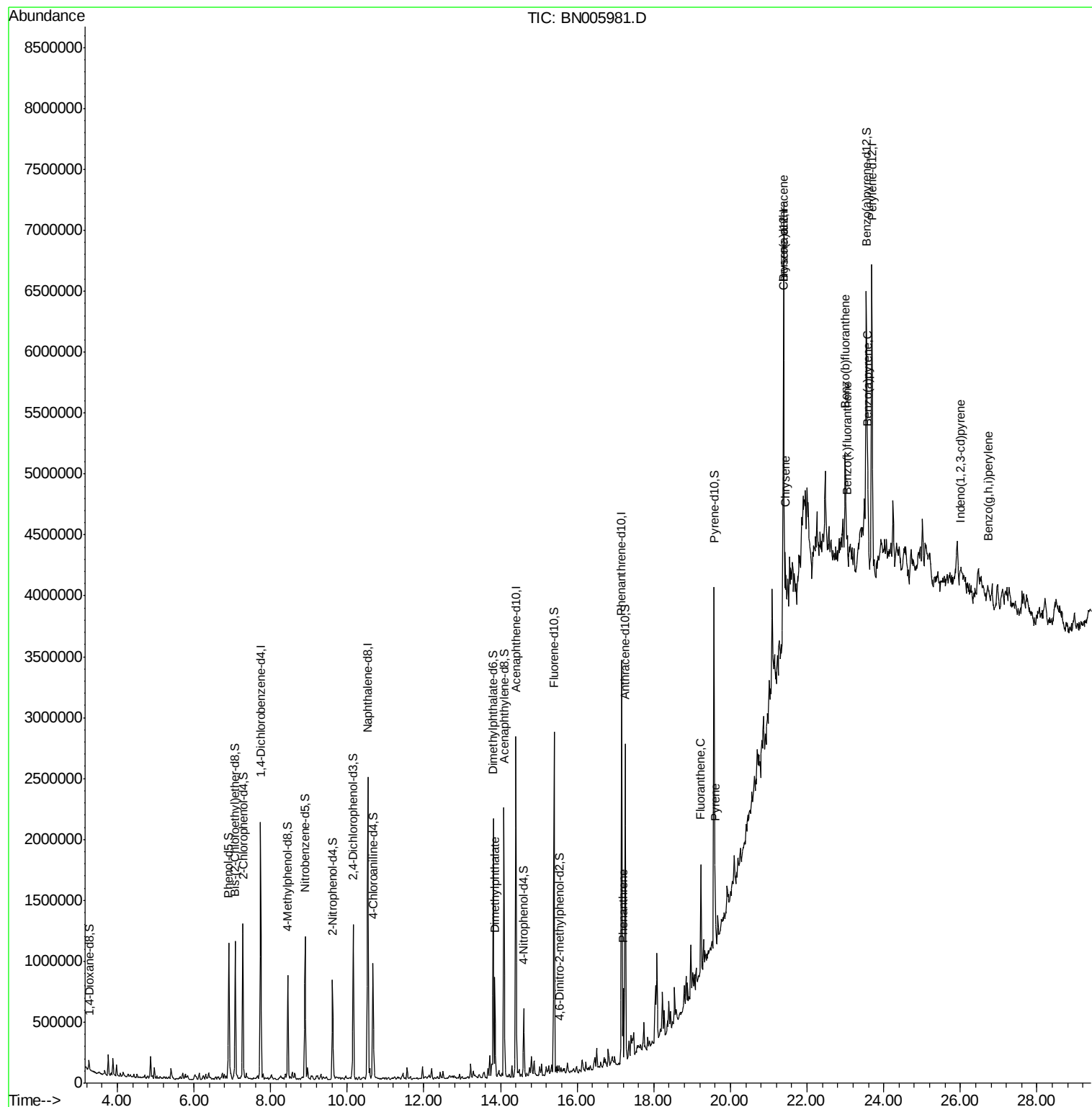
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005981.D
Acq On : 31 May 2019 14:26
Operator : JU/SJ
Sample : K2928-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

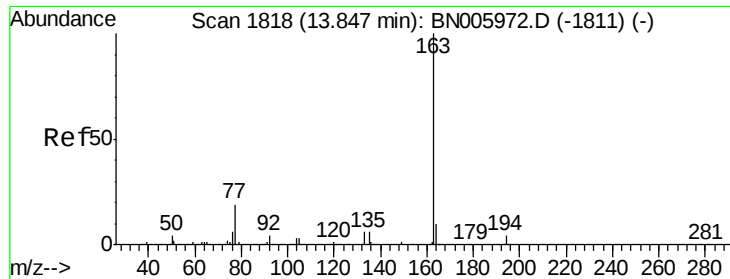
Instrument :
BNA_N
ClientSampled :
A42C3

Quant Time: May 31 15:08:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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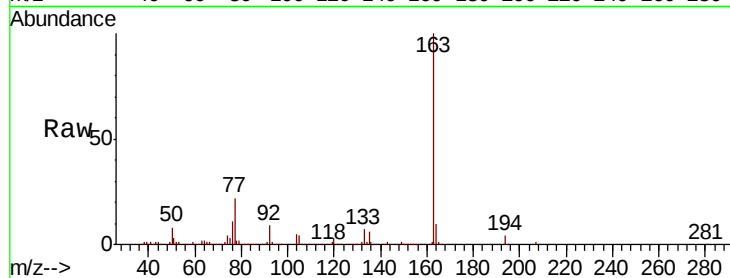
#44
Dimethylphthalate
Concen: 7.070 ng/ul
RT: 13.85 min Scan# 1819
Delta R.T. 0.03 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Instrument :
BNA_N
ClientSampleId :
A42C3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	487765		
194	4.0		3.4	5.0
164	10.4		8.1	12.1

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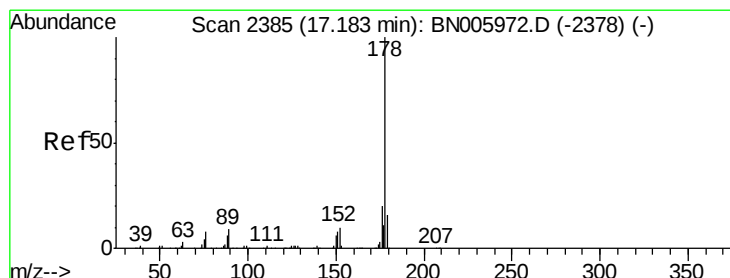
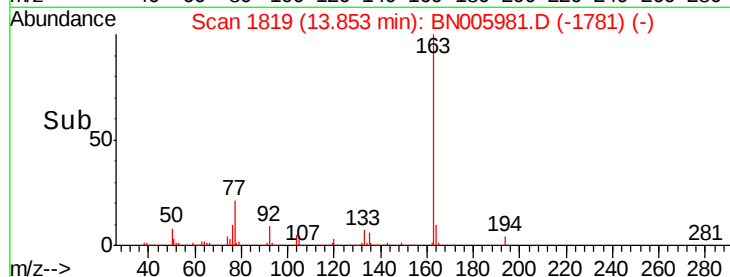
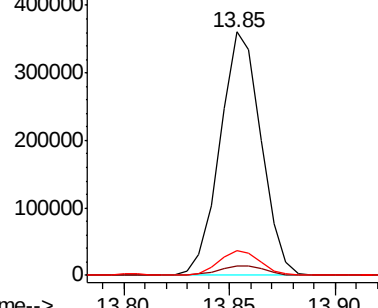


Abundance

Ion 163.00 (162.70 to 163.70): E

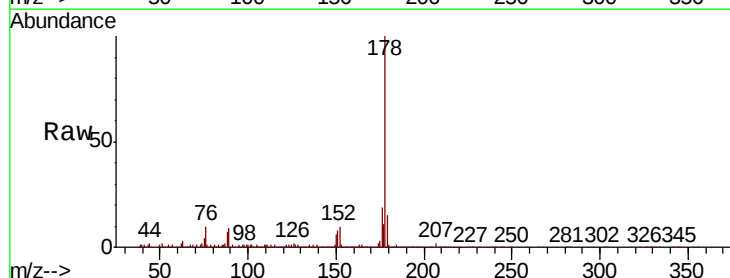
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.834 ng/ul
RT: 17.20 min Scan# 2388
Delta R.T. 0.04 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	353850		
179	15.2		12.2	18.4
176	18.7		15.1	22.7

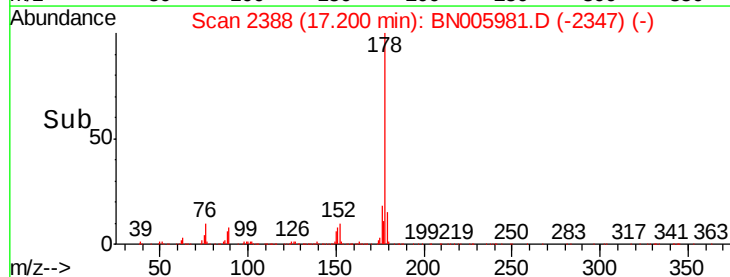
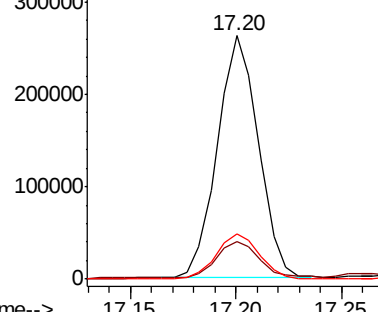


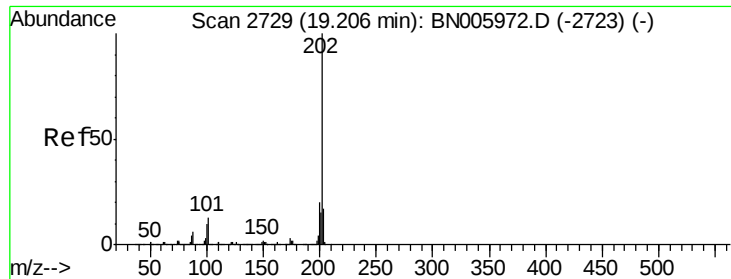
Abundance

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





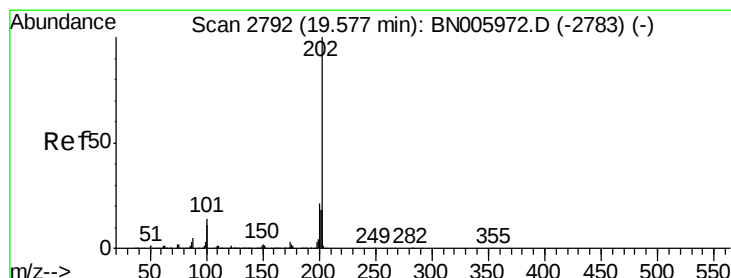
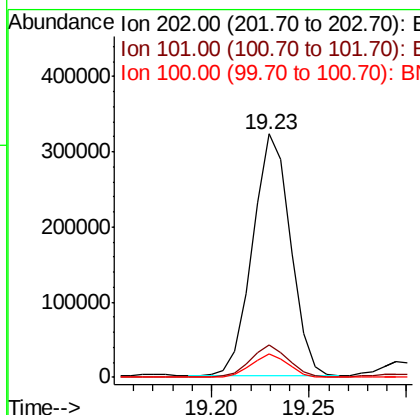
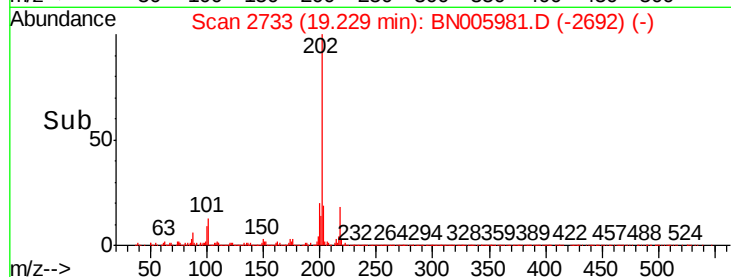
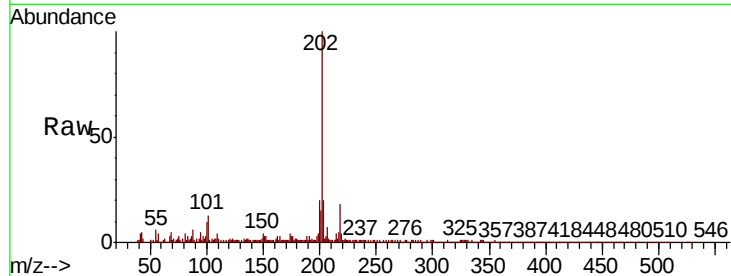
#76
Fluoranthene
Concen: 4.359 ng/ul
RT: 19.23 min Scan# 2733
Delta R.T. 0.04 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Instrument :
BNA_N
ClientSampleId :
A42C3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	8.6	12.8#
100	9.5	6.3	9.5#

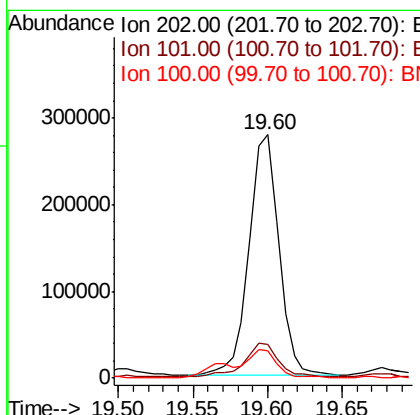
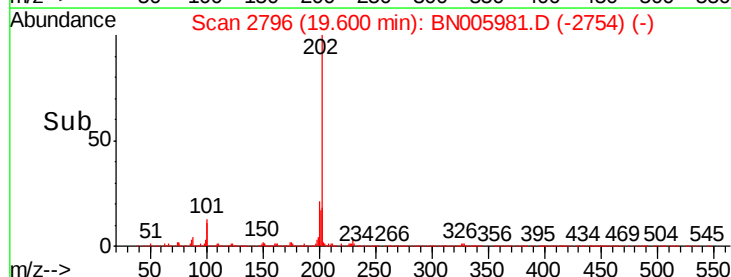
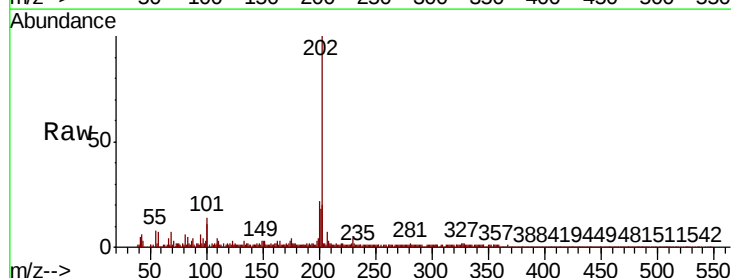
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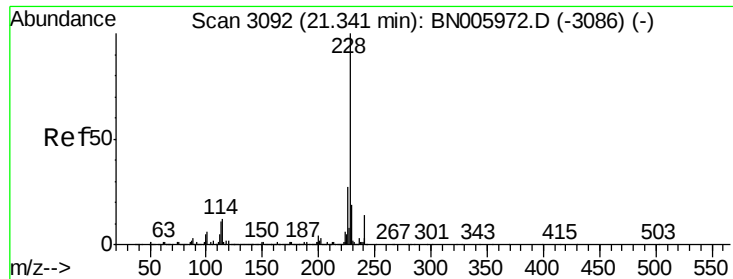
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#79
Pyrene
Concen: 3.889 ng/ul
RT: 19.60 min Scan# 2796
Delta R.T. 0.05 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.3	15.5
100	11.2	7.9	11.9





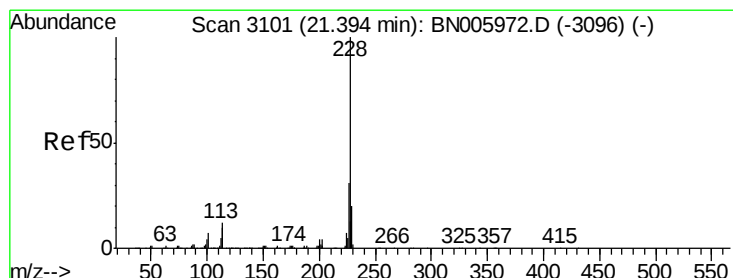
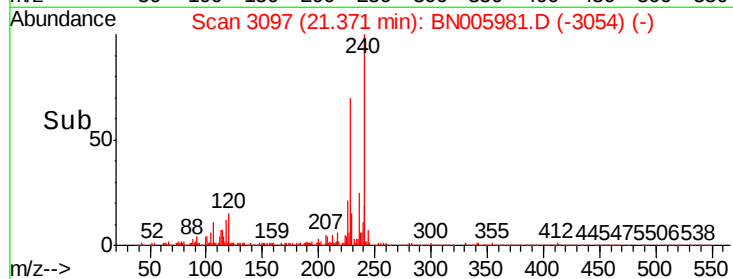
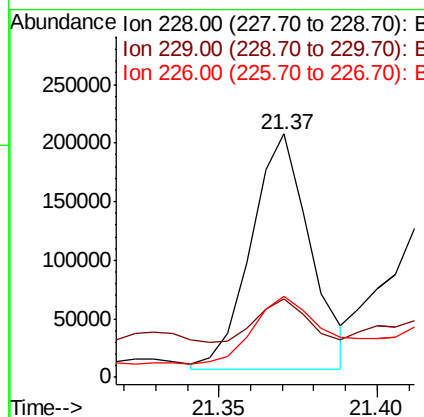
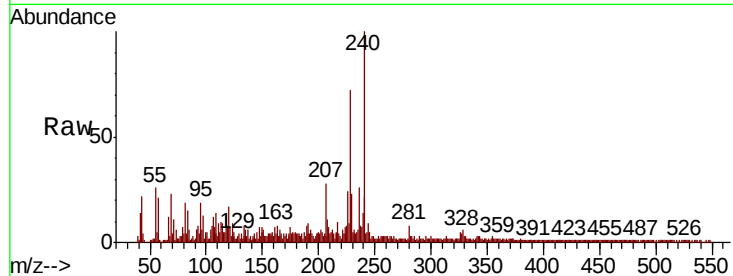
#82
Benzo(a)anthracene
Concen: 2.661 ng/ul
RT: 21.37 min Scan# 3097
Delta R.T. 0.05 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Instrument :
BNA_N
ClientSampled :
A42C3

Tot Ion	Ratio	Lower	Upper
228	100		
229	32.4	15.8	23.6#
226	33.5	21.4	32.2#

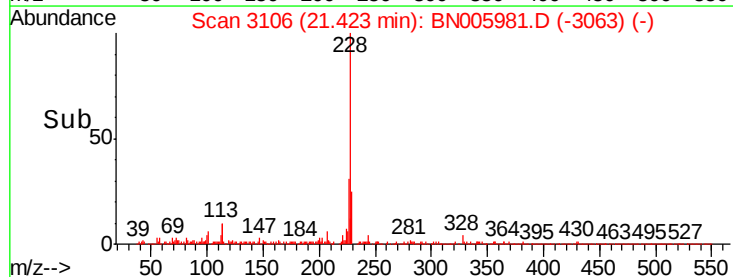
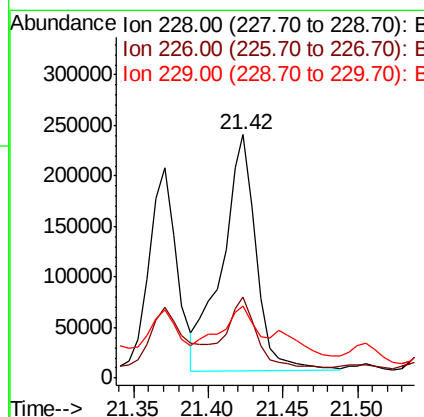
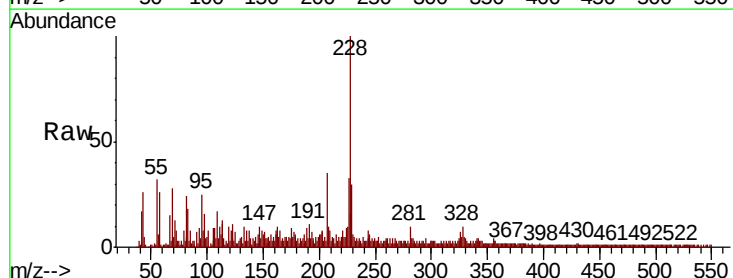
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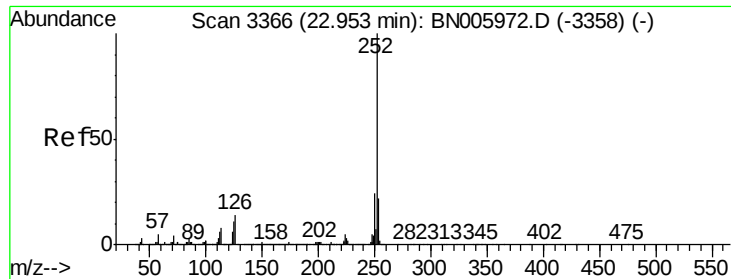
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#84
Chrysene
Concen: 4.083 ng/ul
RT: 21.42 min Scan# 3106
Delta R.T. 0.05 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	29.5	15.4	23.0#





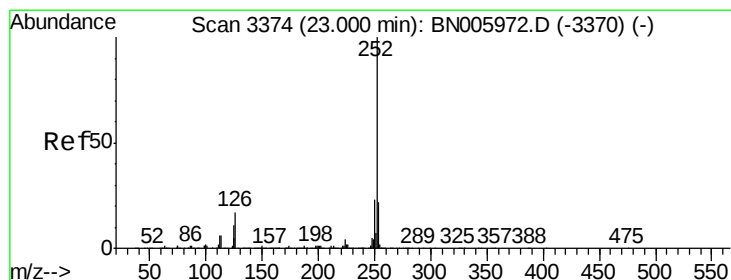
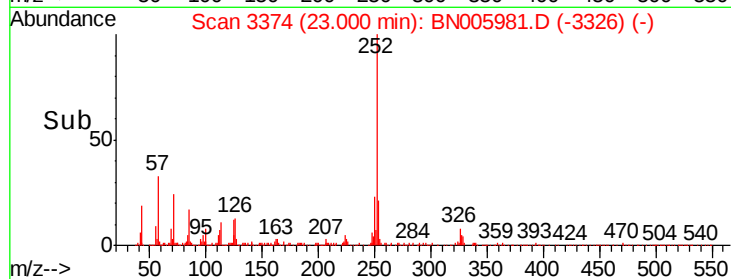
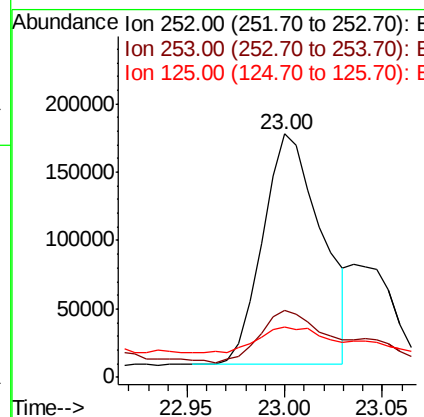
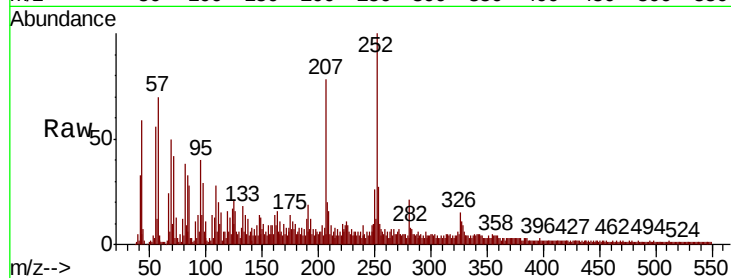
#87
Benzo(b)fluoranthene
Concen: 3.350 ng/ul
RT: 23.00 min Scan# 3374
Delta R.T. 0.08 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Instrument :
BNA_N
ClientSampleId :
A42C3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.7	26.5#
125	20.8	8.4	12.6#

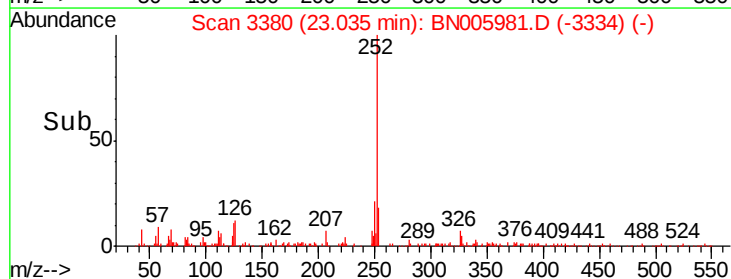
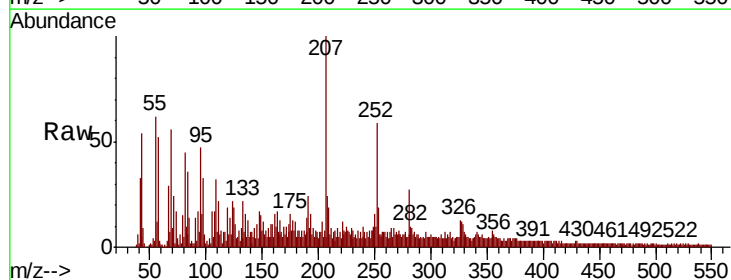
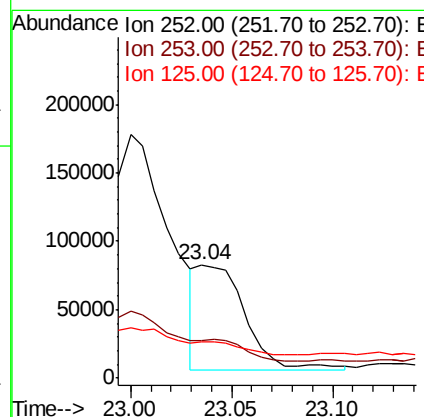
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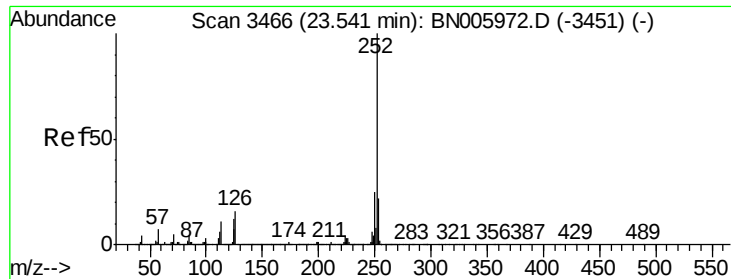
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#88
Benzo(k)fluoranthene
Concen: 1.303 ng/ul m
RT: 23.04 min Scan# 3380
Delta R.T. 0.07 min
Lab File: BN005981.D
Acq: 31 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	17.4	26.0#
125	32.3	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 2.419 ng/ul

RT: 23.59 min Scan# 3475

Delta R.T. 0.10 min

Lab File: BN005981.D

Acq: 31 May 2019 14:26

Instrument :

BNA_N

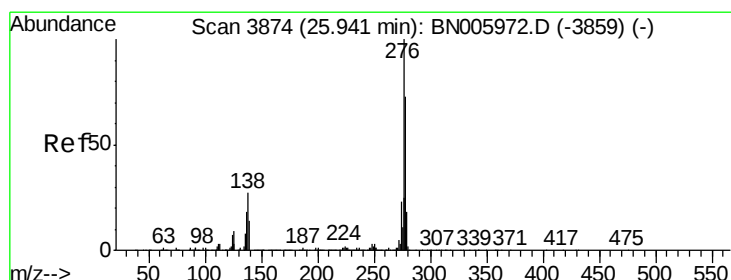
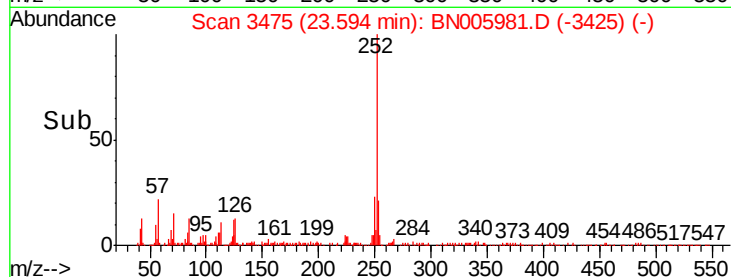
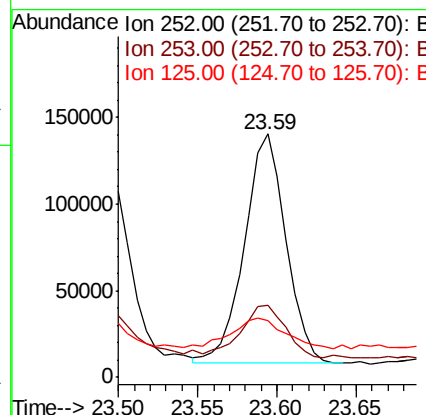
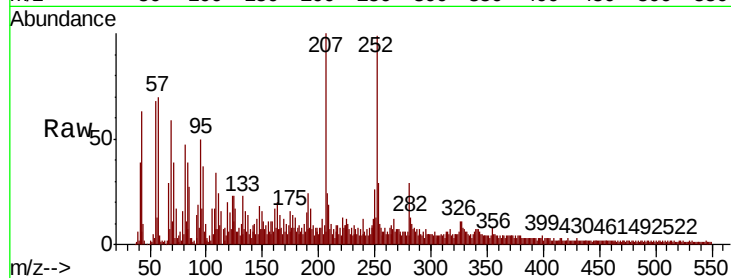
ClientSampleId :

A42C3

Tot Ion:	252	Resp:	241020
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.3	25.9#
125	23.5	8.6	13.0#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.448 ng/ul

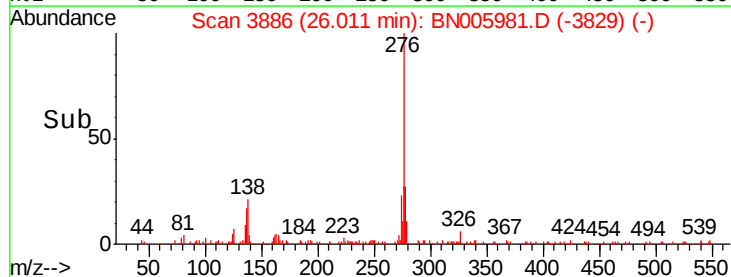
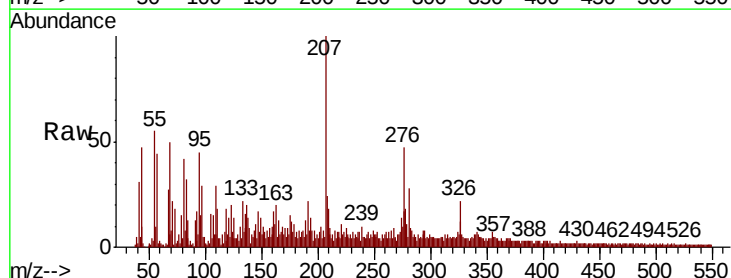
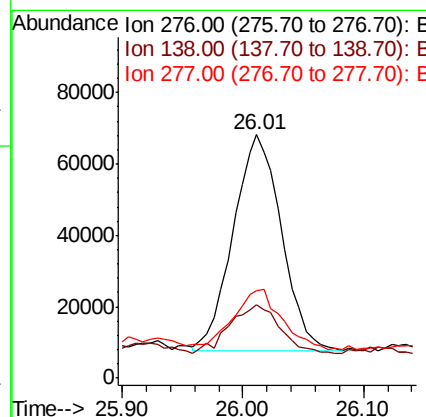
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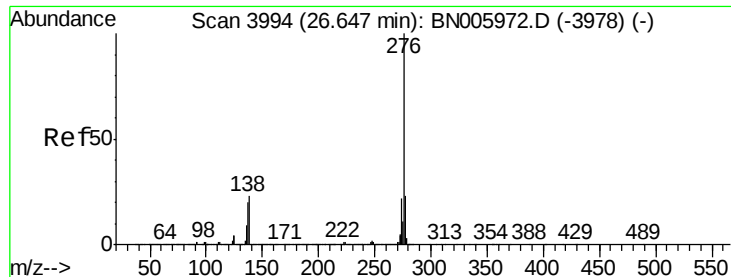
Delta R.T. 0.14 min

Lab File: BN005981.D

Acq: 31 May 2019 14:26

Tgt Ion:	276	Resp:	169320
Ion Ratio	Lower	Upper	
276	100		
138	30.3	17.9	26.9#
277	36.0	19.7	29.5#





#93

Benzo(a,h,i)perylene

Concen: 1.503 ng/ul m

RT: 26.72 min Scan# 4007

Delta R.T. 0.15 min

Lab File: BN005981.D

Acq: 31 May 2019 14:26

Instrument :

BNA_N

ClientSampleId :

A42C3

Tot Ion:	276	Resp:	148011
Ion Ratio	Lower	Upper	
276	100		
138	33.4	16.7	25.1#
277	34.9	18.2	27.2#

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