

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
 Data File : BN009179.D
 Acq On : 26 Dec 2019 19:04
 Operator : JU
 Sample : K6381-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5R3

Manual Integrations
 APPROVED

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Quant Time: Dec 27 02:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 27 01:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	303763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1391126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	891658	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1861758	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1537217	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1374318	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	33814	5.09	ng/uL	0.00
5) Phenol-d5	6.72	99	805653	27.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	539056	29.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	616877	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	672126	28.83	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	324220	30.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	371449	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	647082	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	899478	33.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1932652	28.86	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2453289	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	358954	26.96	ng/ul	0.00
57) Fluorene-d10	15.15	176	1756745	30.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	227752	19.61	ng/ul	0.00
70) Anthracene-d10	17.00	188	2630628	30.38	ng/ul	0.00
78) Pyrene-d10	19.30	212	2851900	35.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2167649	31.30	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.94	178	446464	4.349	ng/ul	99
76) Fluoranthene	18.97	202	768607	6.483	ng/ul	98
79) Pyrene	19.33	202	669007	6.275	ng/ul	100
82) Benzo(a)anthracene	21.09	228	330922	3.186	ng/ul	95
84) Chrysene	21.14	228	323028	3.236	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	350236	4.170	ng/ul	96
88) Benzo(k)fluoranthene	22.66	252	116685m	1.422	ng/ul	
90) Benzo(a)pyrene	23.16	252	200810	2.604	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.34	276	111593	1.194	ng/ul#	92
93) Benzo(g,h,i)perylene	25.97	276	110675	1.416	ng/ul	98

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

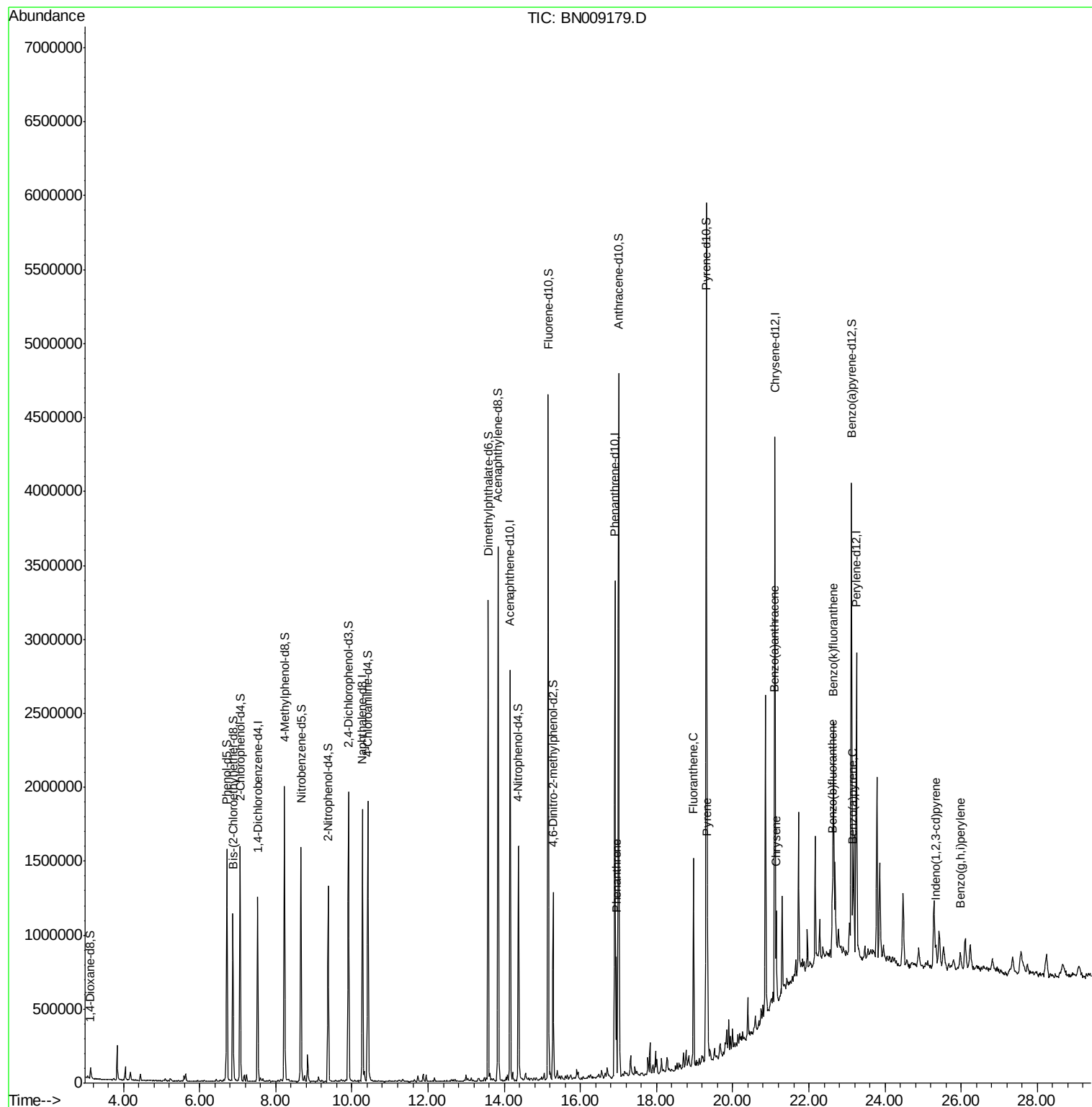
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\
Data File : BN009179.D
Acq On : 26 Dec 2019 19:04
Operator : JU
Sample : K6381-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

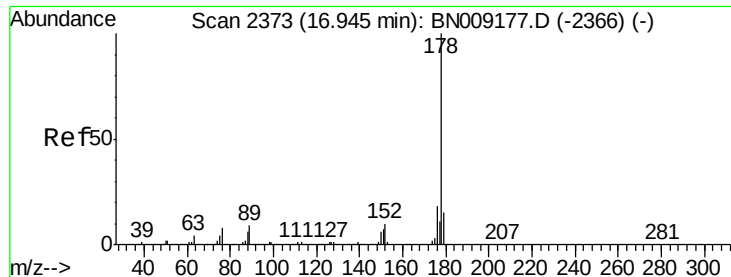
Instrument :
BNA_N
ClientSampleId :
CB5R3

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Quant Time: Dec 27 02:01:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
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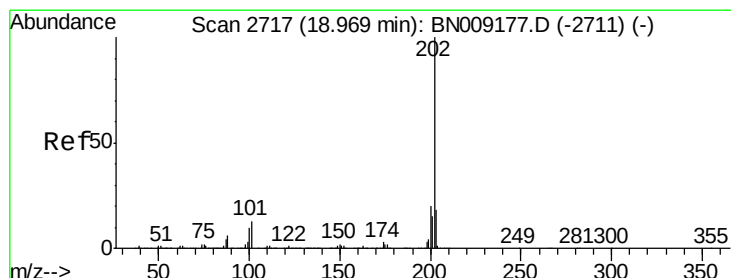
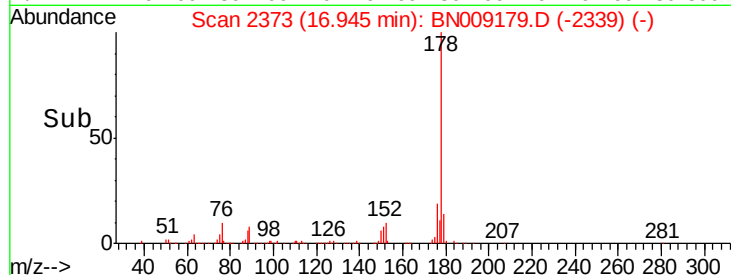
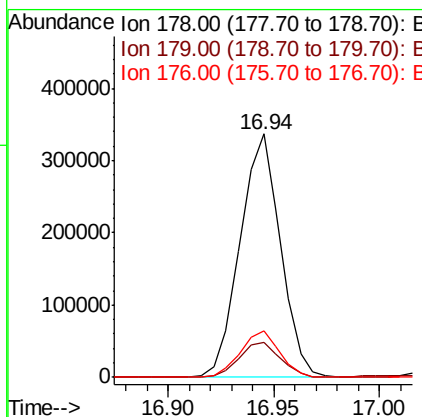
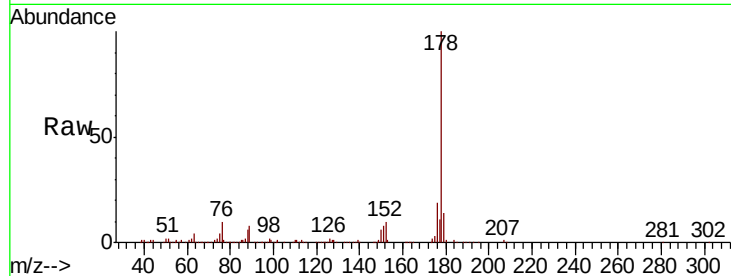
#69
Phenanthrene
Concen: 4.349 ng/ul
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Instrument :
BNA_N
ClientSampleId :
CB5R3

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.8	17.8
176	18.9	15.2	22.8

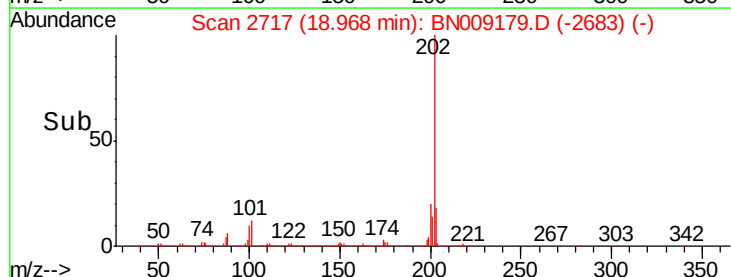
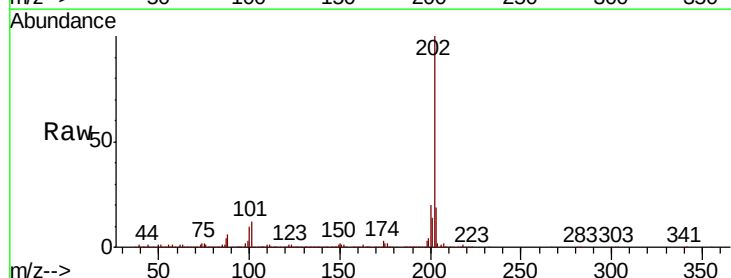
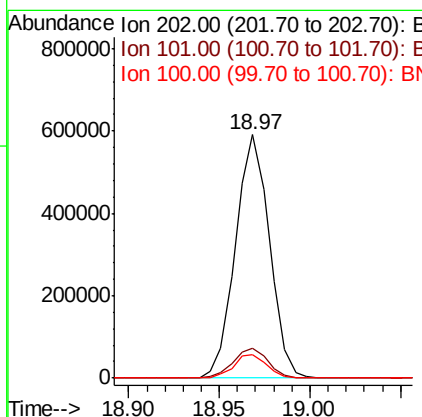
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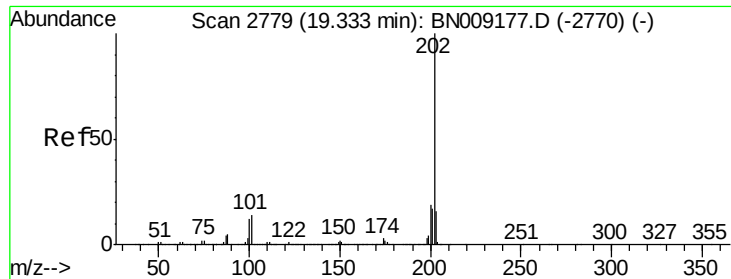
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#76
Fluoranthene
Concen: 6.483 ng/ul
RT: 18.97 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	9.8	7.6	11.4





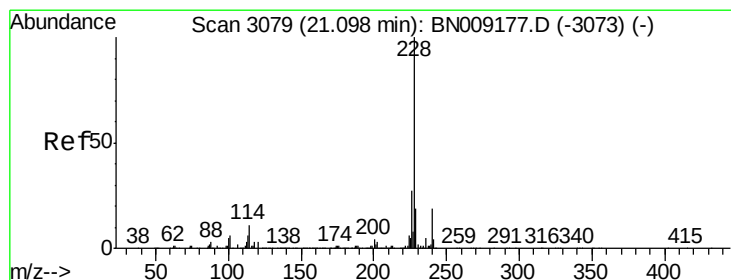
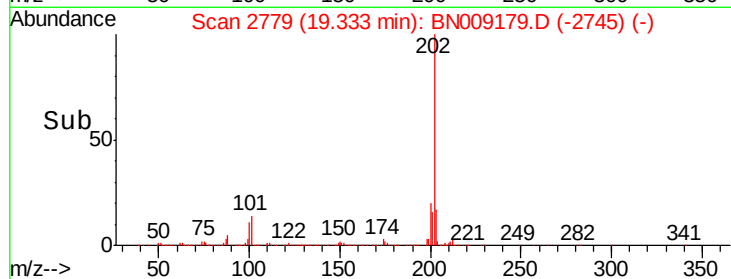
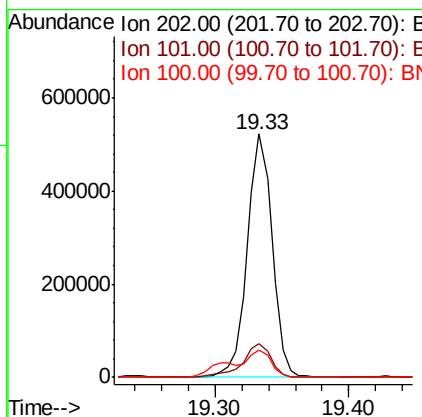
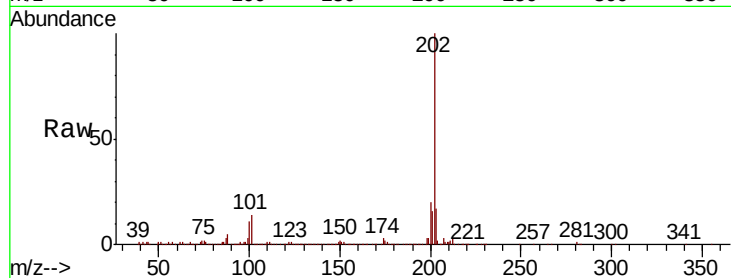
#79
Pvrene
Concen: 6.275 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. -0.00 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Instrument :
BNA_N
ClientSampleId :
CB5R3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	11.1	16.7
100	11.2	9.0	13.4

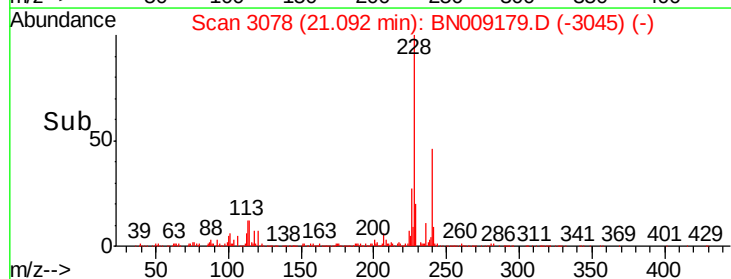
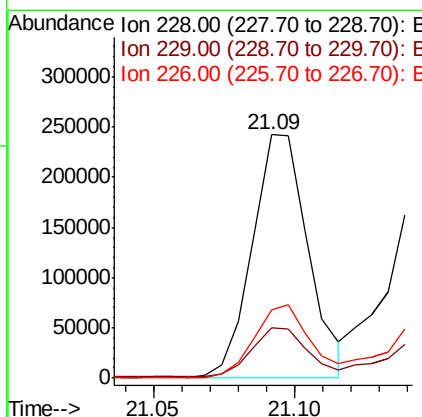
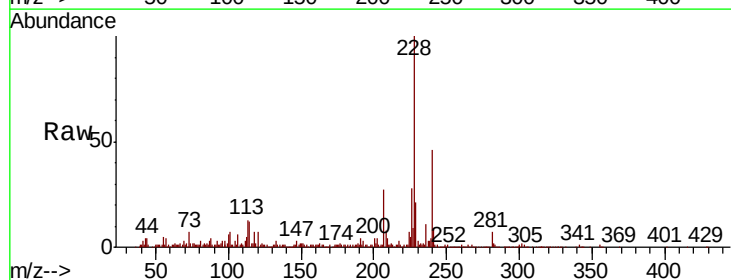
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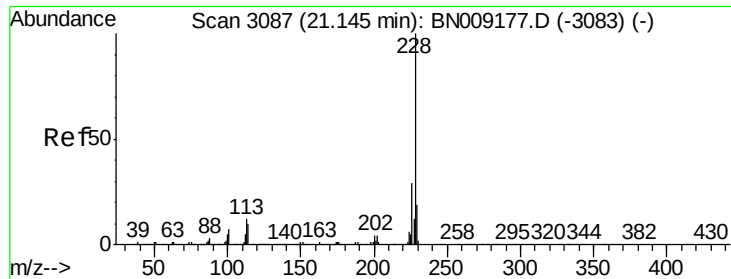
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#82
Benzo(a)anthracene
Concen: 3.186 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.2	22.8
226	27.9	19.8	29.6





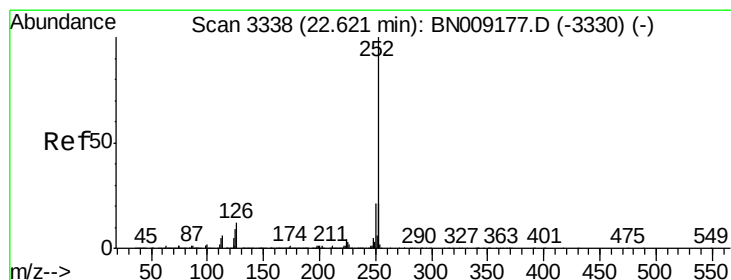
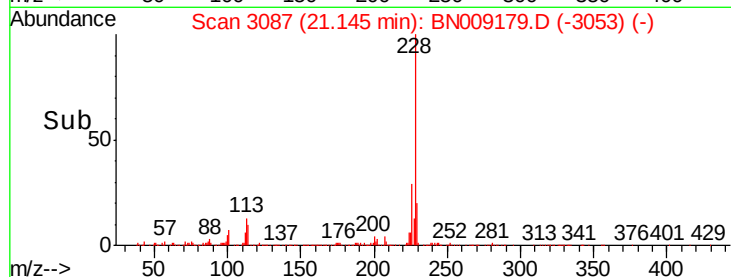
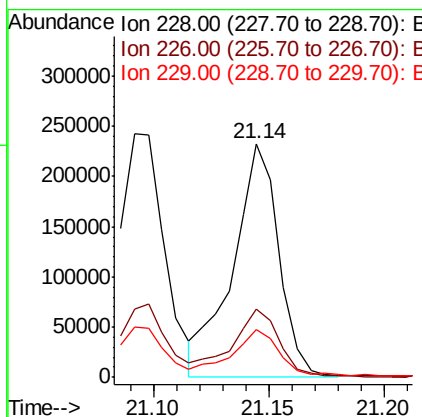
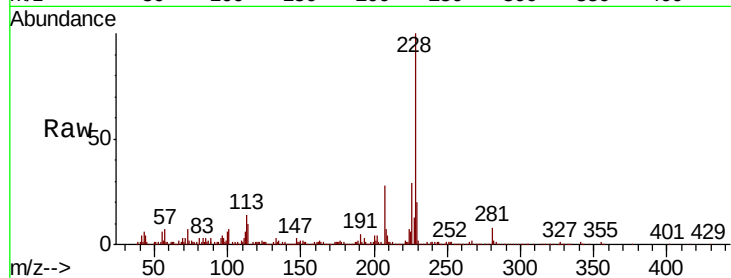
#84
 Chrysene
 Concen: 3.236 ng/ul
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BN009179.D
 Acq: 26 Dec 2019 19:04

Instrument :
 BNA_N
 ClientSampleId :
 CB5R3

Tot Ion:	228	Resp:	323028
Ion Ratio		Lower	Upper
228	100		
226	29.4	23.9	35.9
229	20.4	15.9	23.9

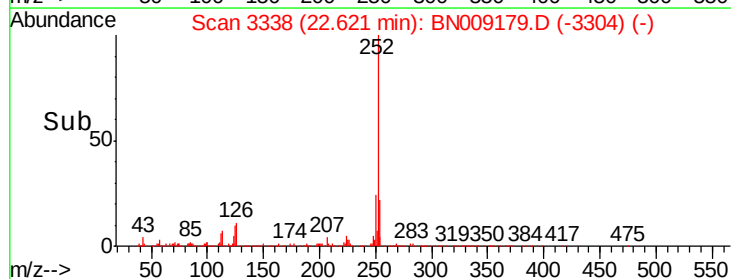
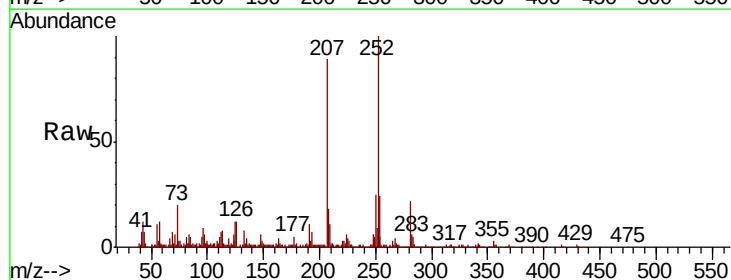
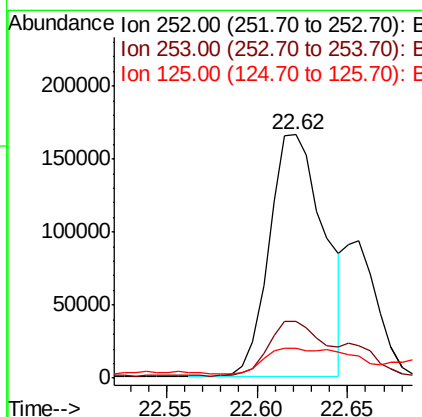
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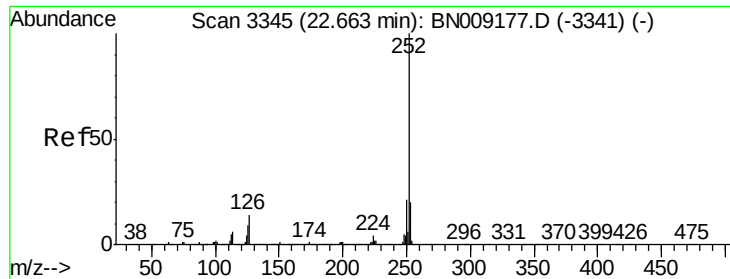
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#87
 Benzo(b)fluoranthene
 Concen: 4.170 ng/ul
 RT: 22.62 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: BN009179.D
 Acq: 26 Dec 2019 19:04

Tgt Ion:	252	Resp:	350236
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.2	8.5	12.7





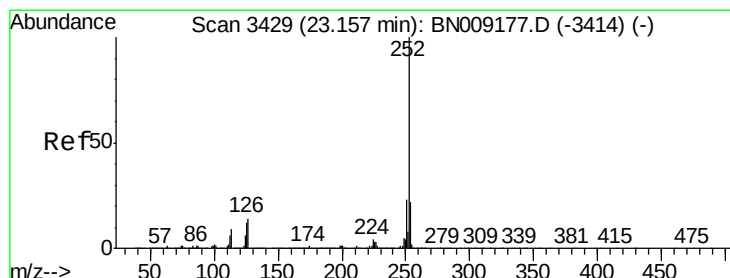
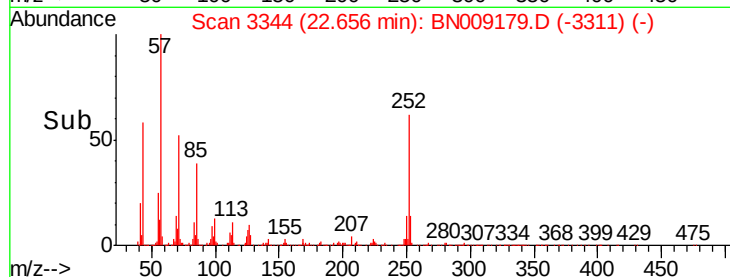
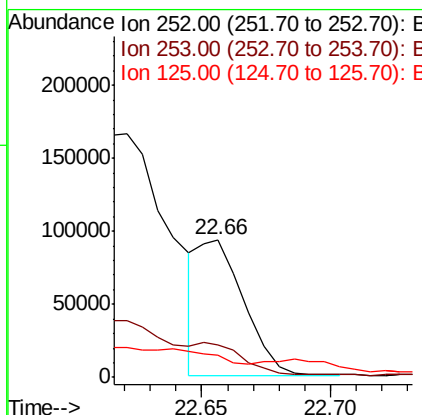
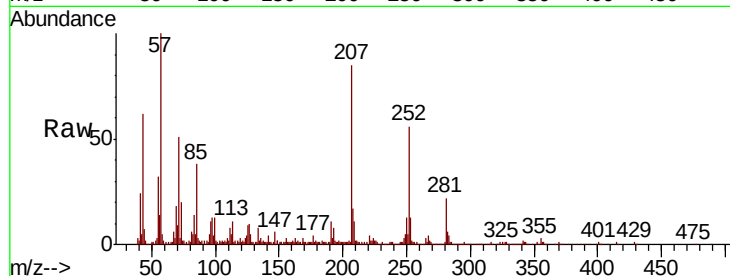
#88
Benzo(k)fluoranthene
Concen: 1.422 ng/ul m
RT: 22.66 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Instrument :
BNA_N
ClientSampled :
CB5R3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	15.7	8.8	13.2

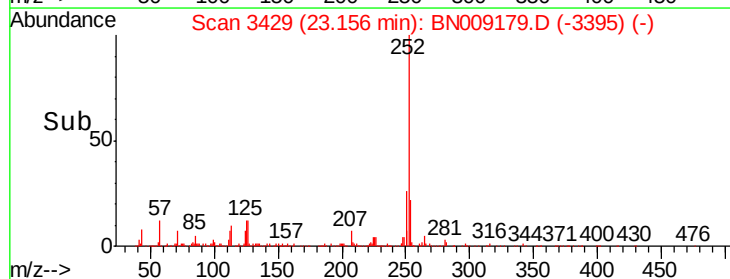
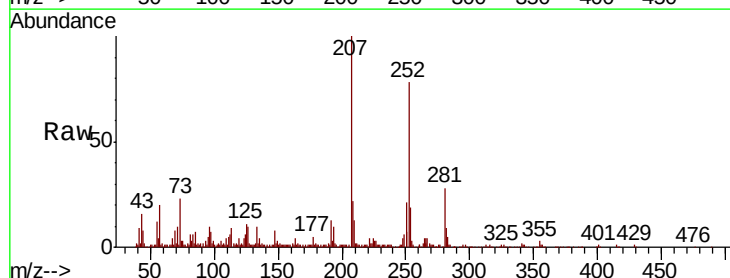
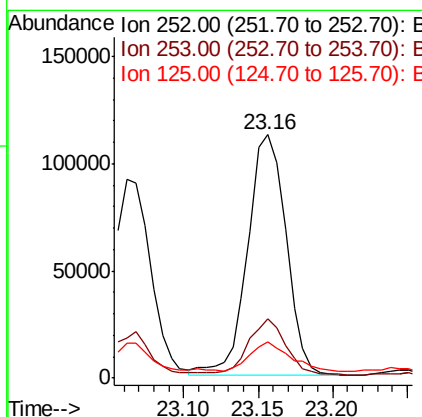
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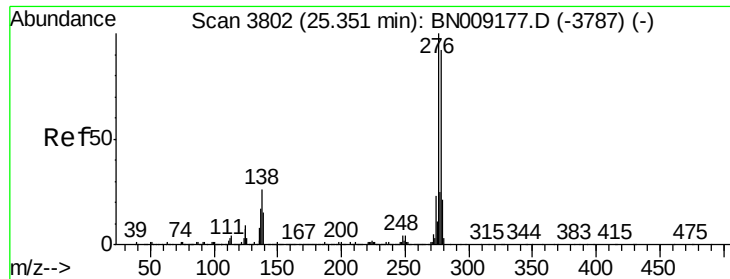
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#90
Benzo(a)pyrene
Concen: 2.604 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BN009179.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	14.7	9.5	14.3





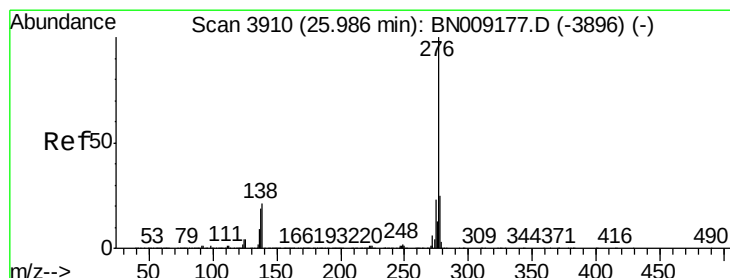
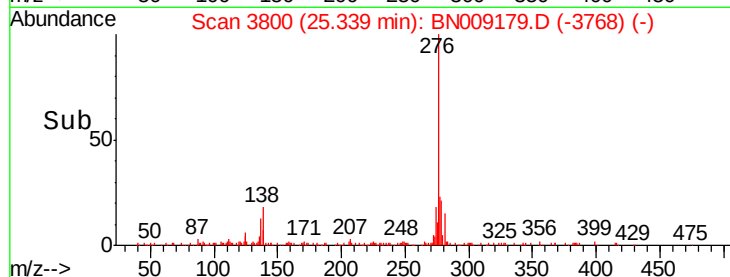
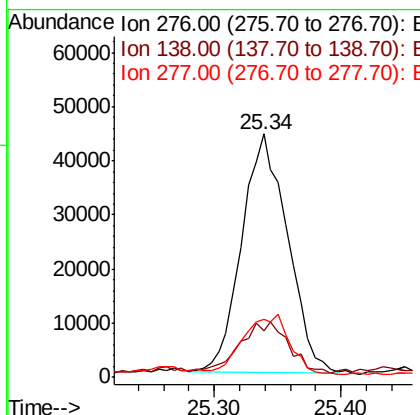
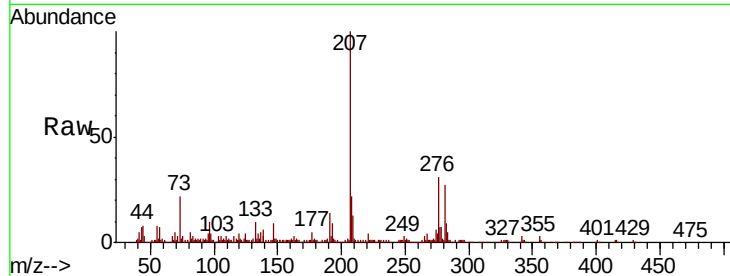
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.194 ng/ul
 RT: 25.34 min Scan# 3800
 Delta R.T. -0.01 min
 Lab File: BN009179.D
 Acq: 26 Dec 2019 19:04

Instrument :
 BNA_N
 ClientSampleId :
 CB5R3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.5	30.7#
277	23.8	20.2	30.4

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 1.416 ng/ul
 RT: 25.97 min Scan# 3908
 Delta R.T. -0.01 min
 Lab File: BN009179.D
 Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.8	26.6
277	24.5	18.9	28.3

